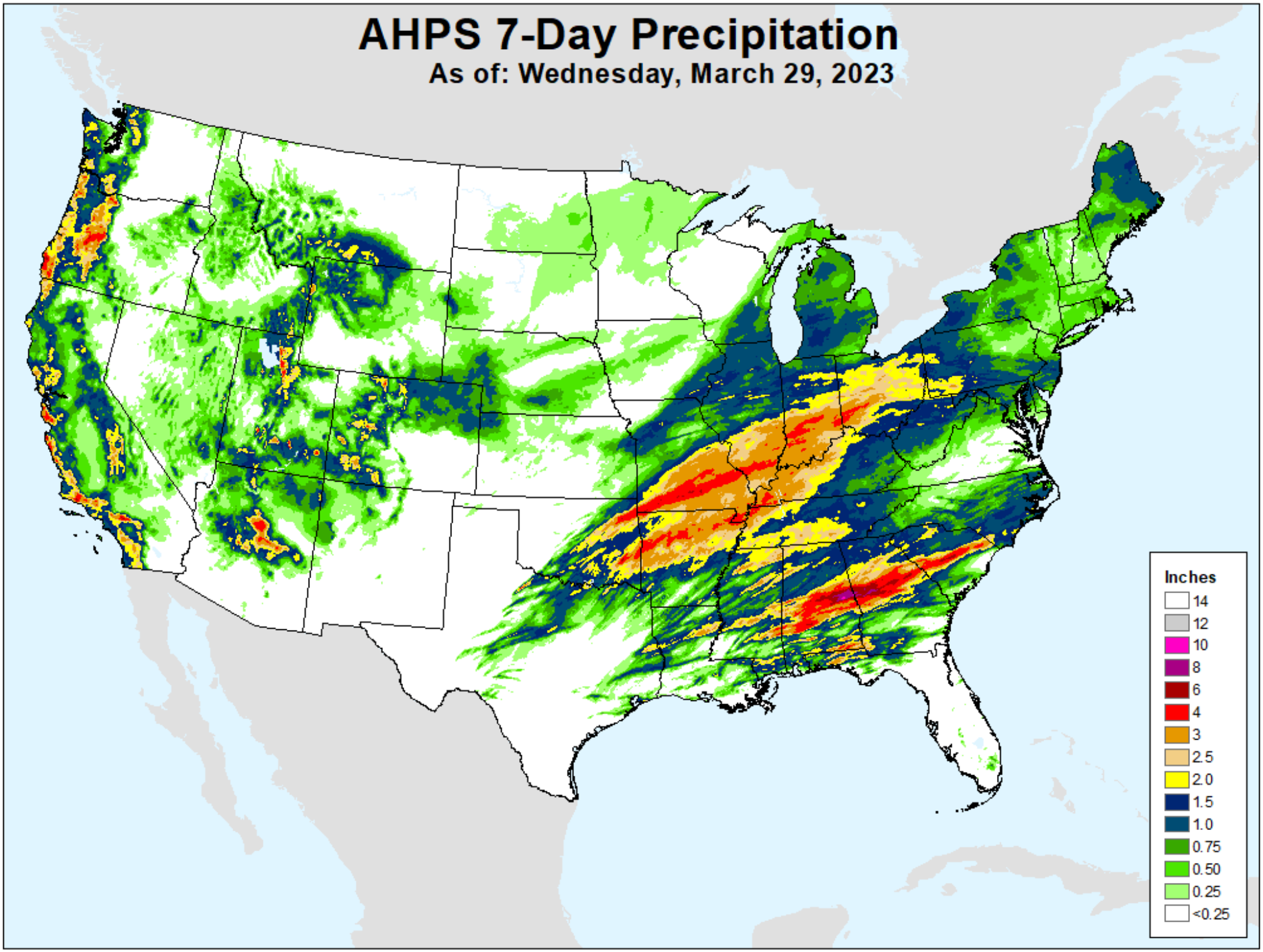
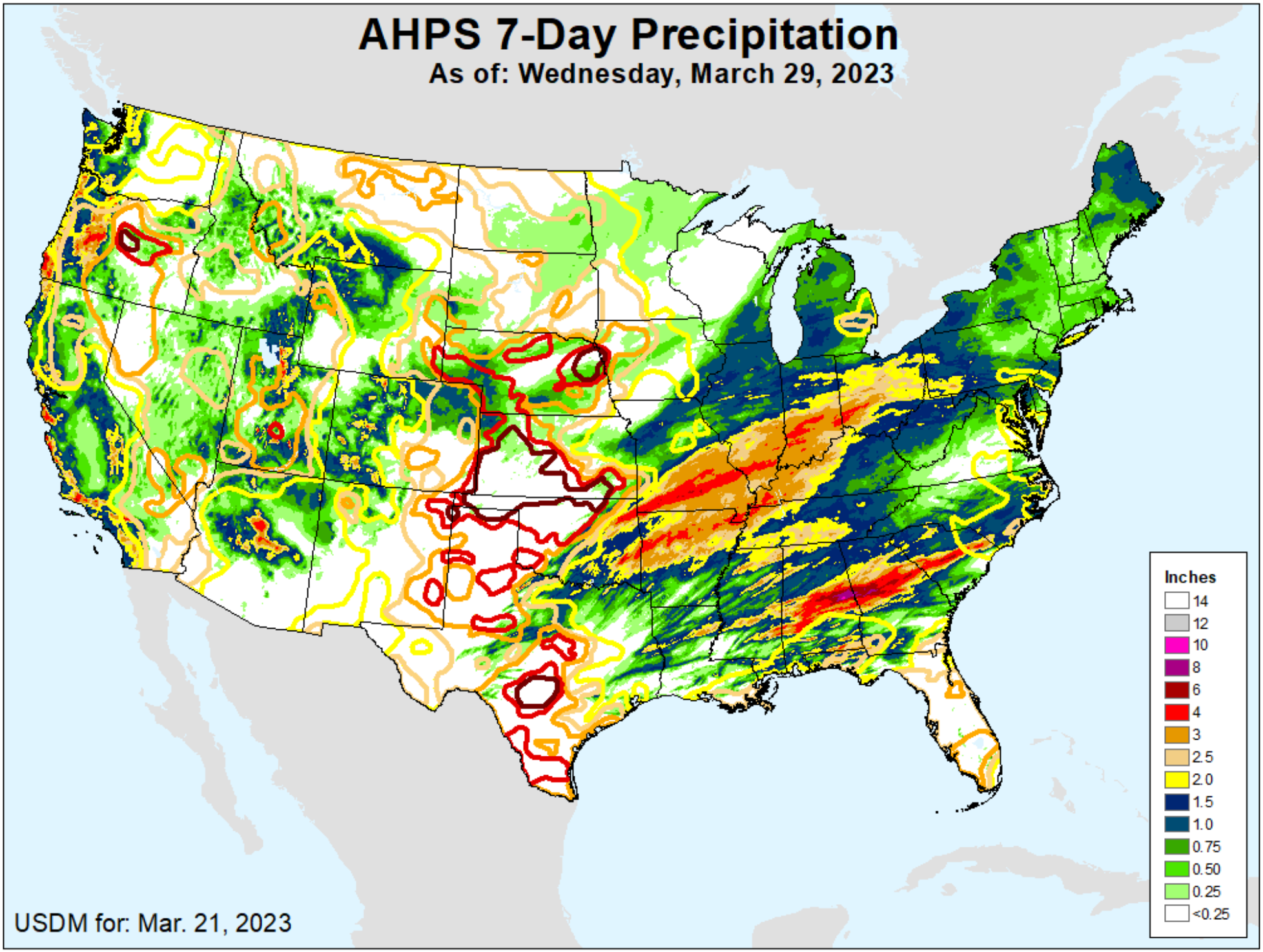
AHPS 7-Day Precipitation

As of: Wednesday, March 29, 2023



AHPS 7-Day Precipitation

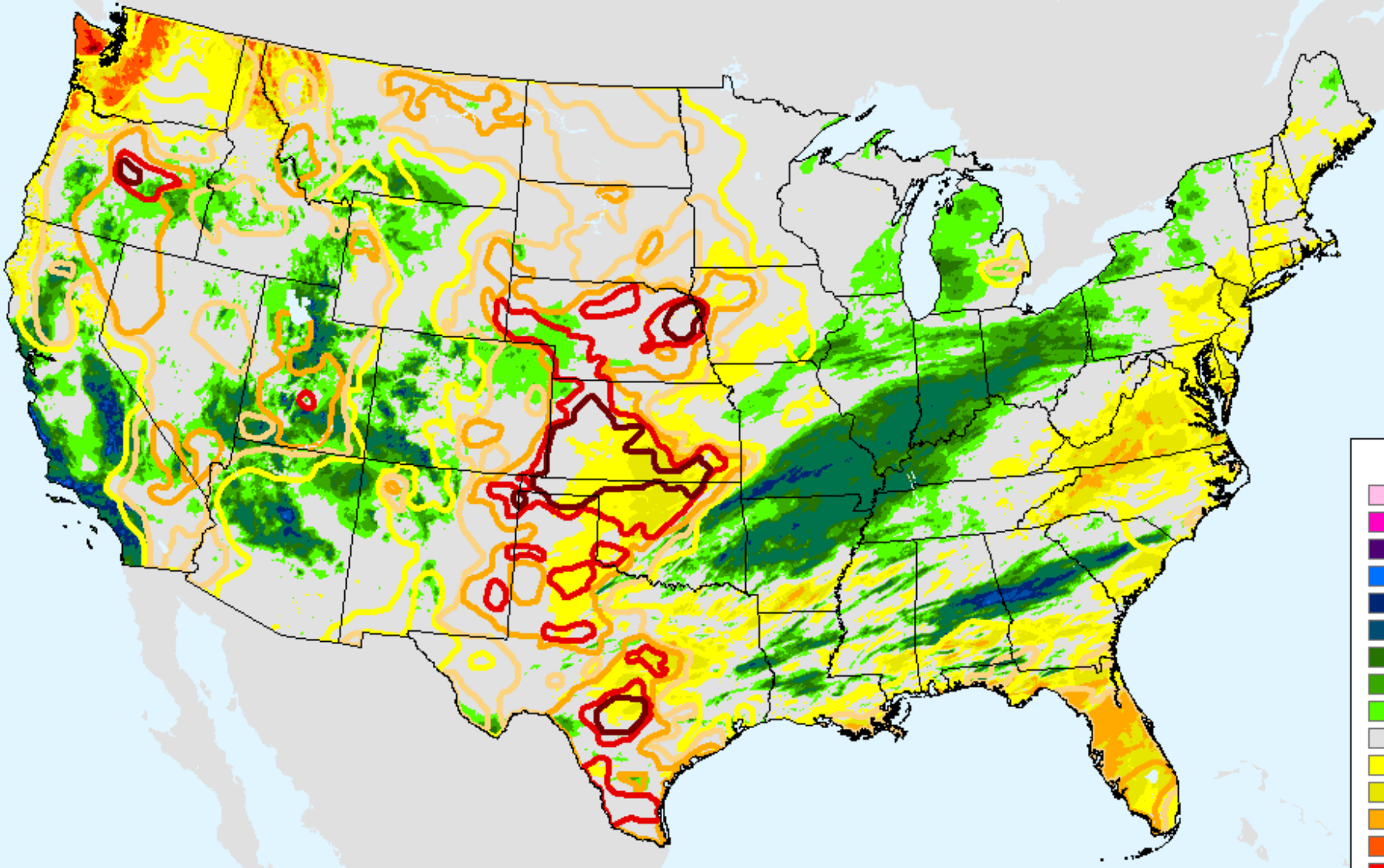
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

AHPS 14-Day Precip Departure

As of: Wednesday, March 29, 2023

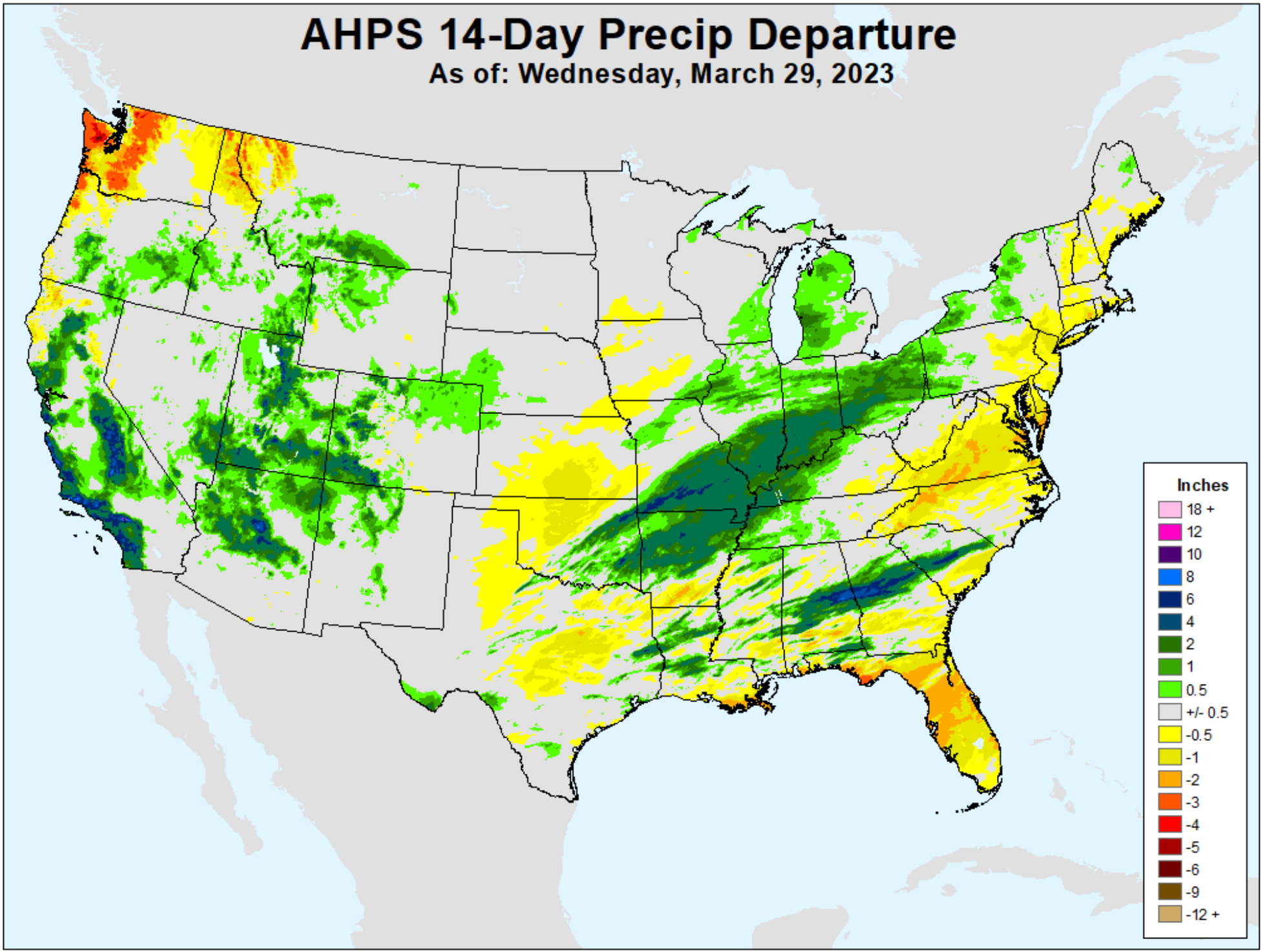


Inches
18 +
12
10
8
6
4
2
1
0.5
+/- 0.5
-0.5
-1
-2
-3
-4
-5
-6
-9
-12 +

USDM for: Mar. 21, 2023

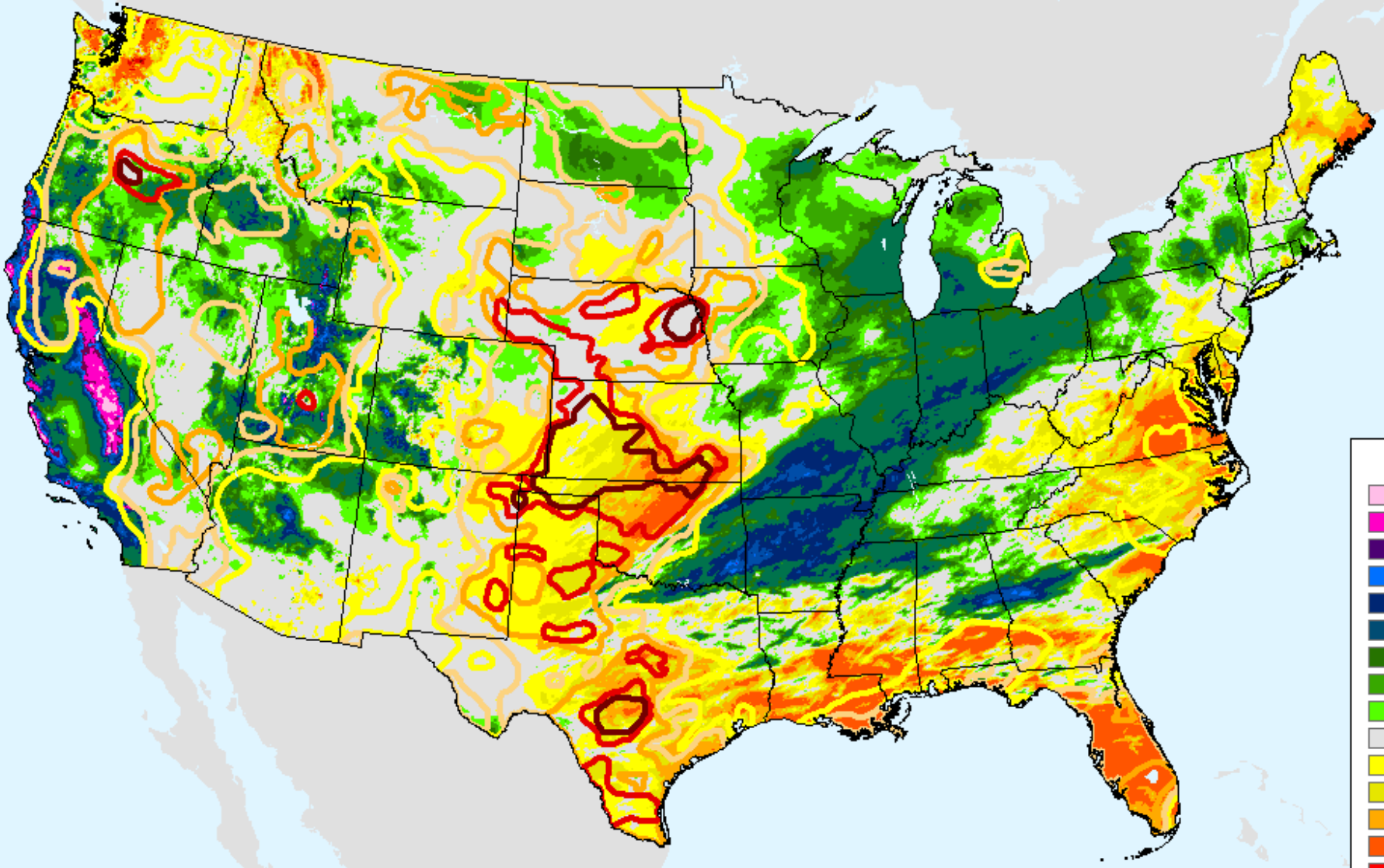
AHPS 14-Day Precip Departure

As of: Wednesday, March 29, 2023



AHPS 30-Day Precip Departure

As of: Wednesday, March 29, 2023

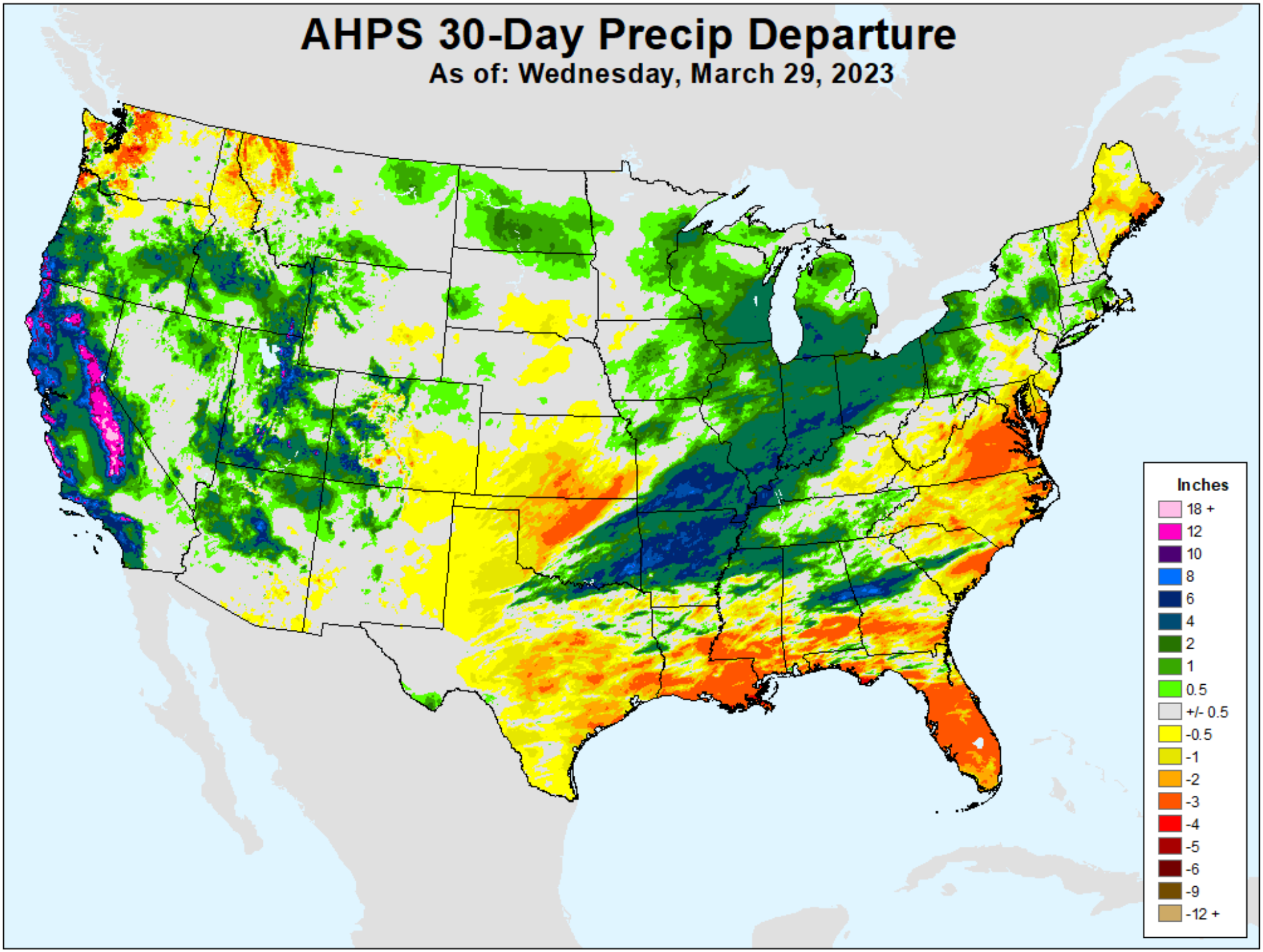


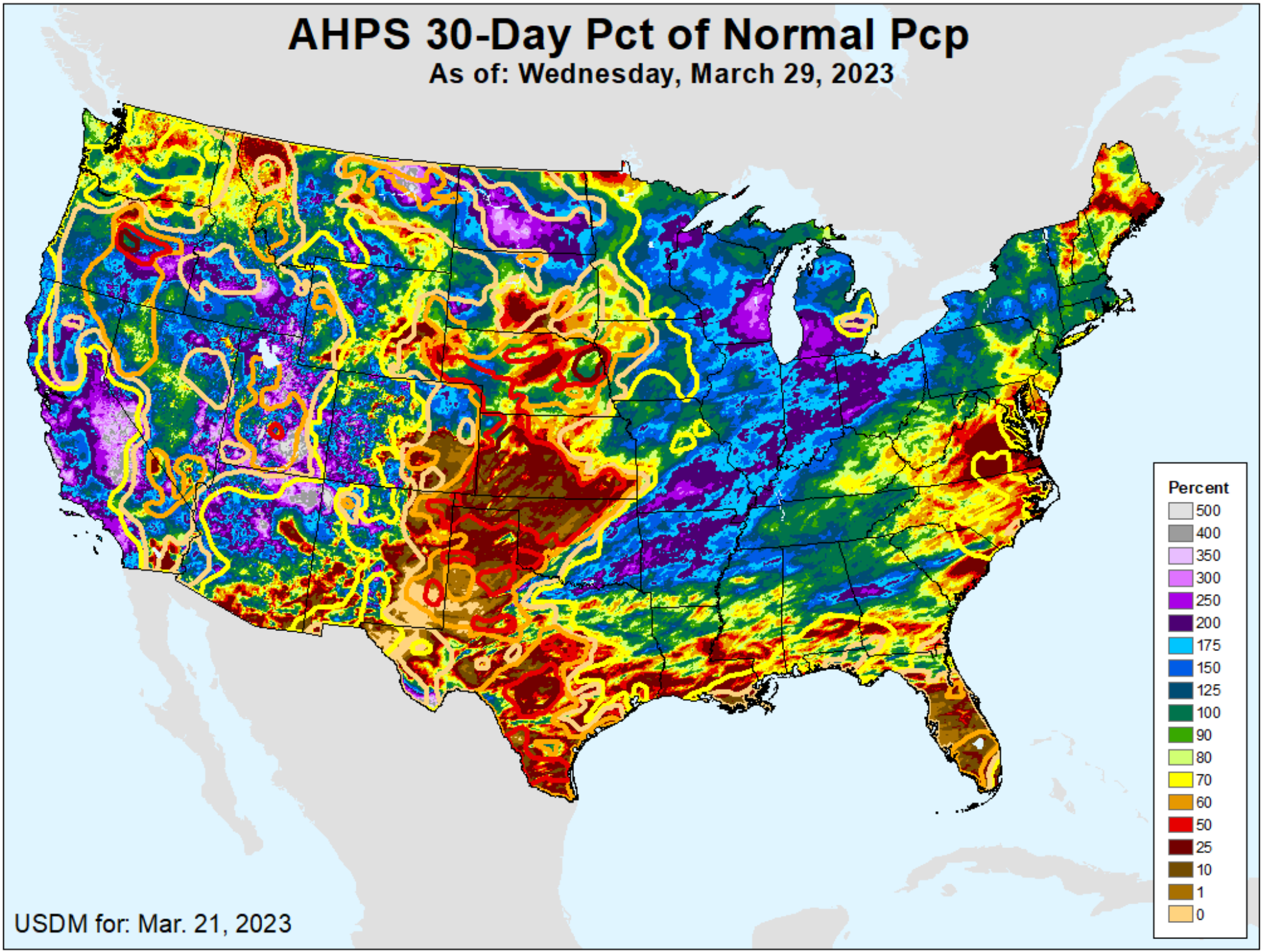
Inches
- 18 +
- 12
- 10
- 8
- 6
- 4
- 2
- 1
- 0.5
- +/- 0.5
- -0.5
- -1
- -2
- -3
- -4
- -5
- -6
- -9
- -12 +

USDM for: Mar. 21, 2023

AHPS 30-Day Precip Departure

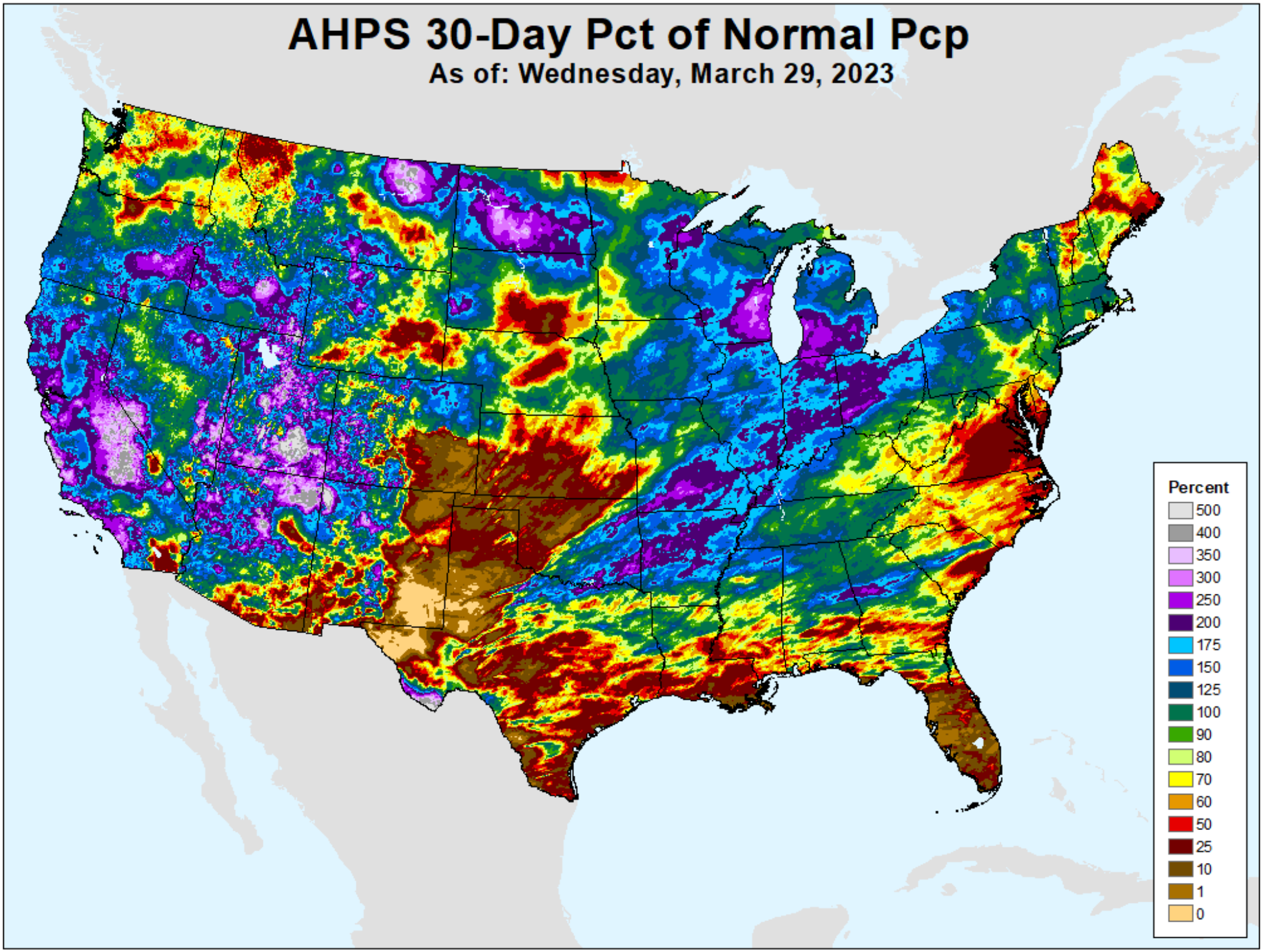
As of: Wednesday, March 29, 2023




AHPS 30-Day Pct of Normal Pcp
As of: Wednesday, March 29, 2023
Percent
500
400
350
300
250
200
175
150
125
100
90
80
70
60
50
25
10
1
0
USDM for: Mar. 21, 2023

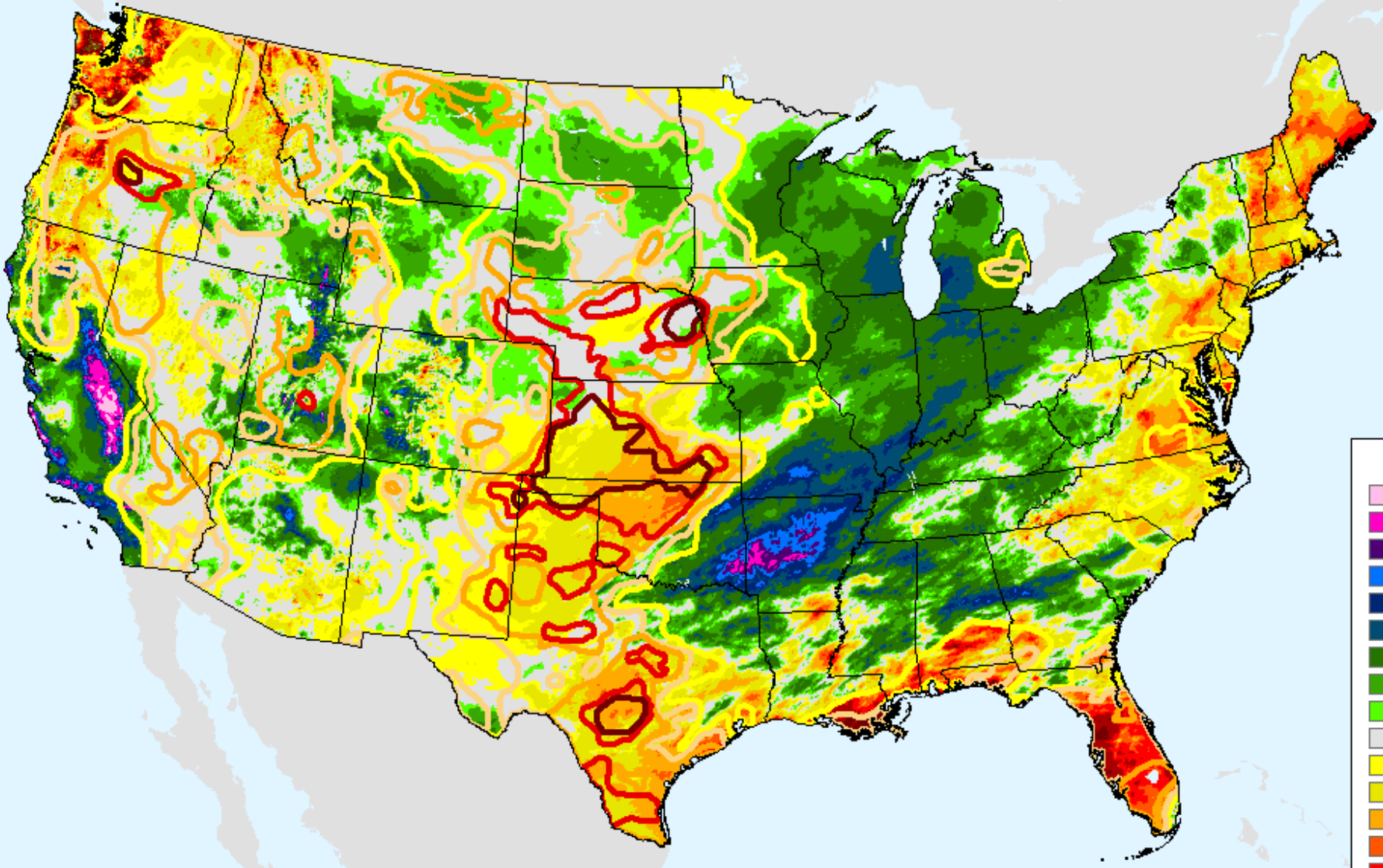
AHPS 30-Day Pct of Normal Pcp

As of: Wednesday, March 29, 2023



AHPS 60-Day Precip Departure

As of: Wednesday, March 29, 2023

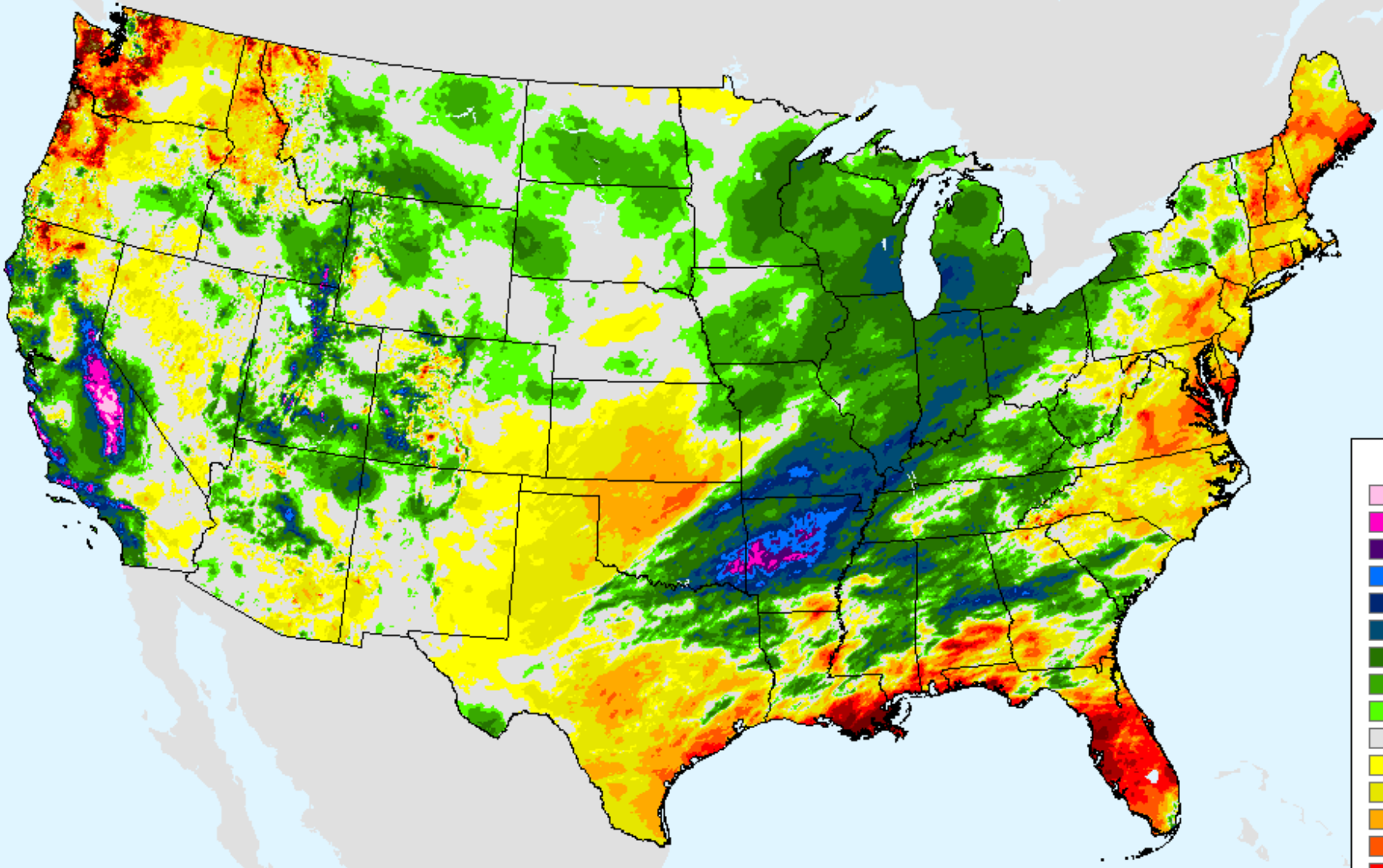


Inches
- 18 +
- 12
- 10
- 8
- 6
- 4
- 2
- 1
- 0.5
- +/- 0.5
- -0.5
- -1
- -2
- -3
- -4
- -5
- -6
- -9
- -12 +

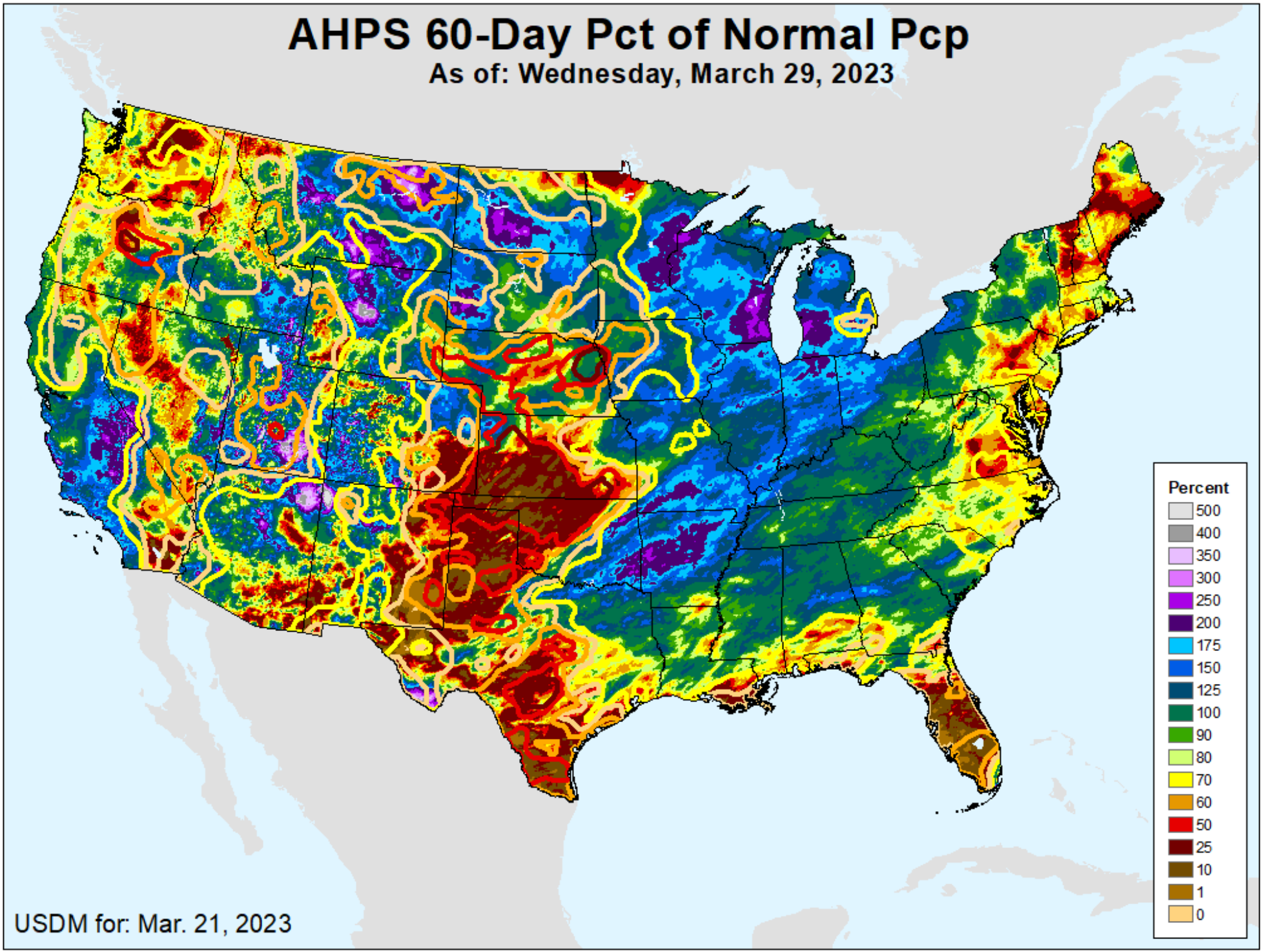
USDM for: Mar. 21, 2023

AHPS 60-Day Precip Departure

As of: Wednesday, March 29, 2023

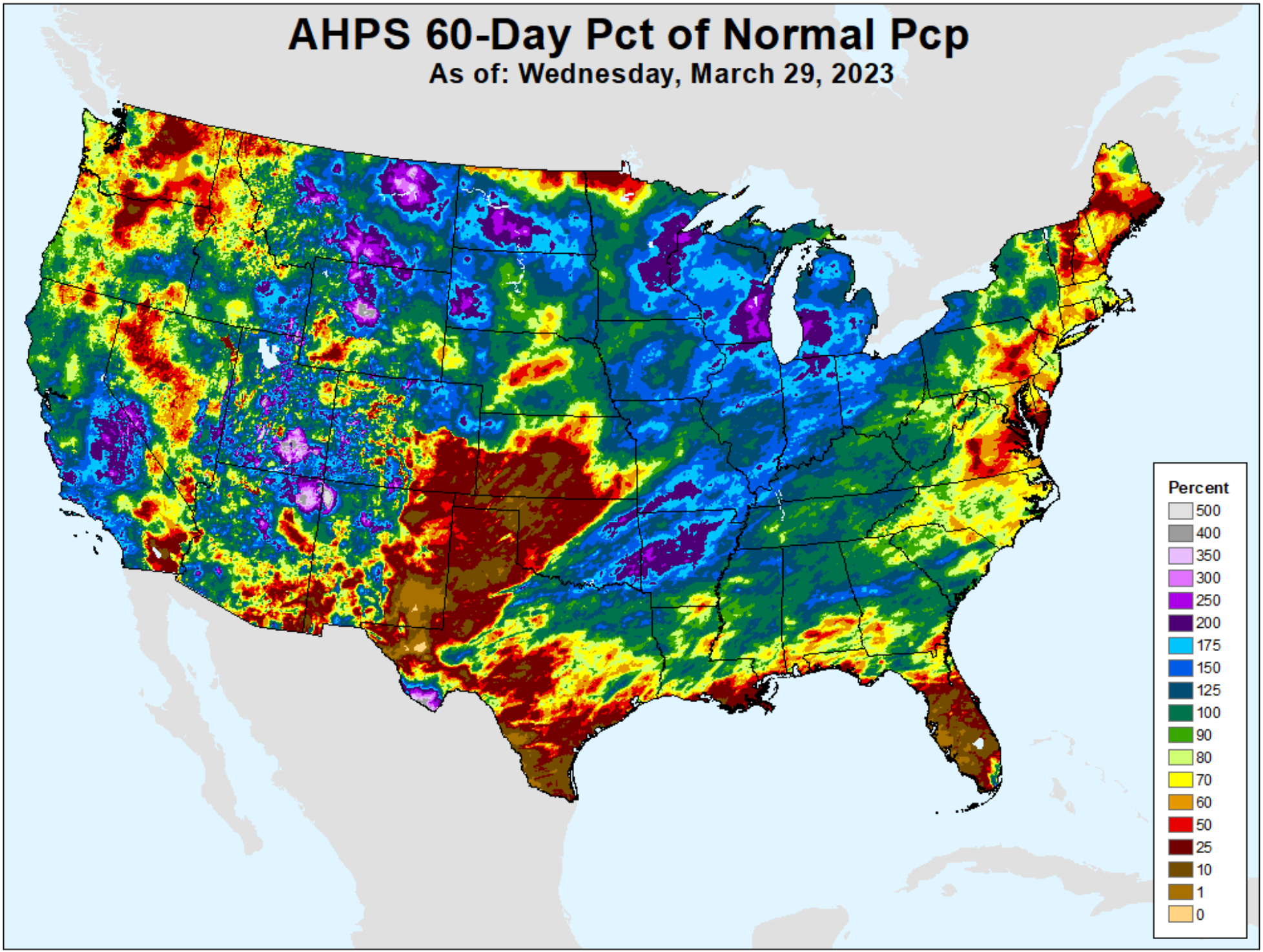


Inches
18 +
12
10
8
6
4
2
1
0.5
+/- 0.5
-0.5
-1
-2
-3
-4
-5
-6
-9
-12 +


AHPS 60-Day Pct of Normal Pcp
As of: Wednesday, March 29, 2023
Percent
500
400
350
300
250
200
175
150
125
100
90
80
70
60
50
25
10
1
0
USDM for: Mar. 21, 2023

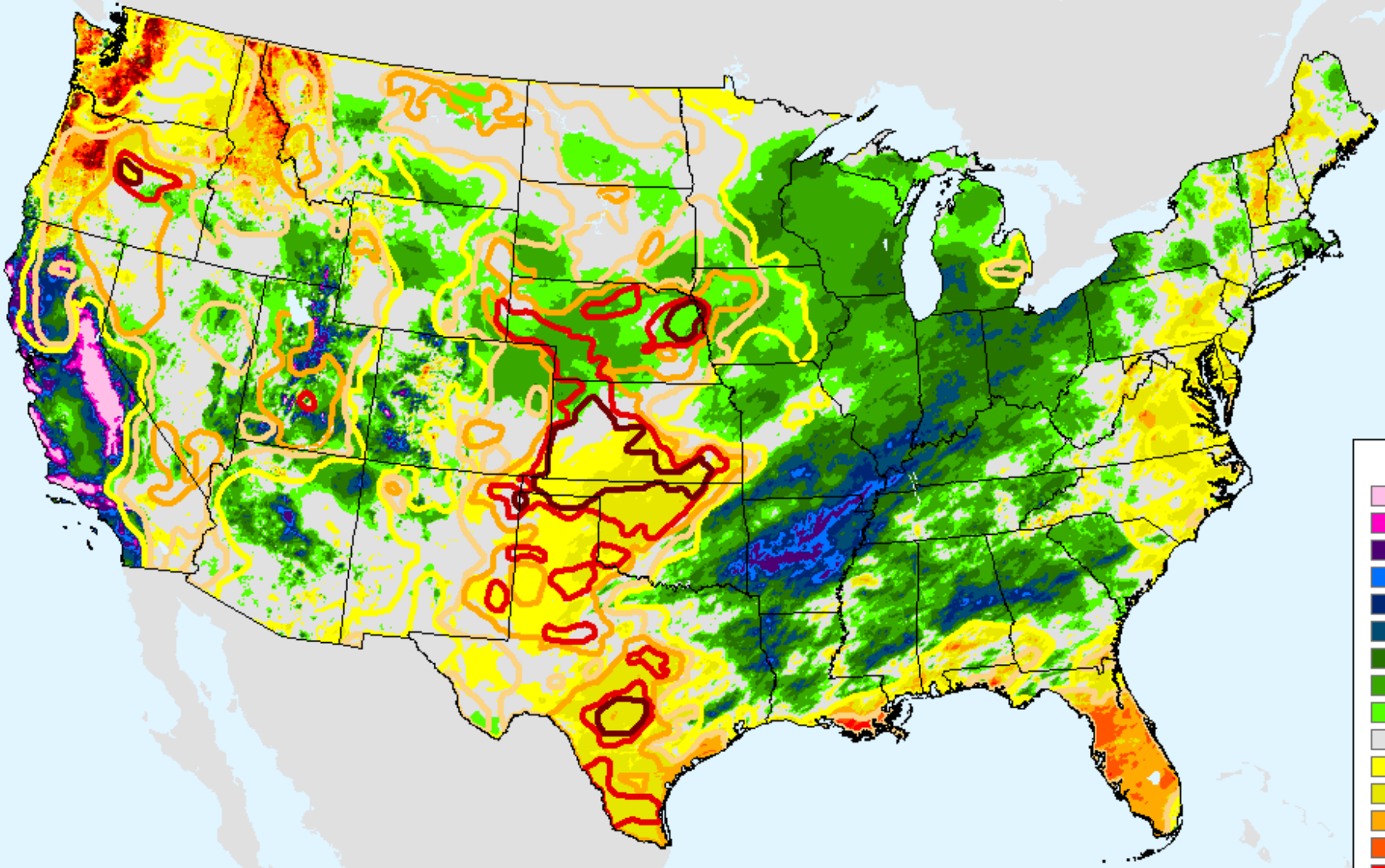
AHPS 60-Day Pct of Normal Pcp

As of: Wednesday, March 29, 2023



AHPS 90-Day Precip Departure

As of: Wednesday, March 29, 2023

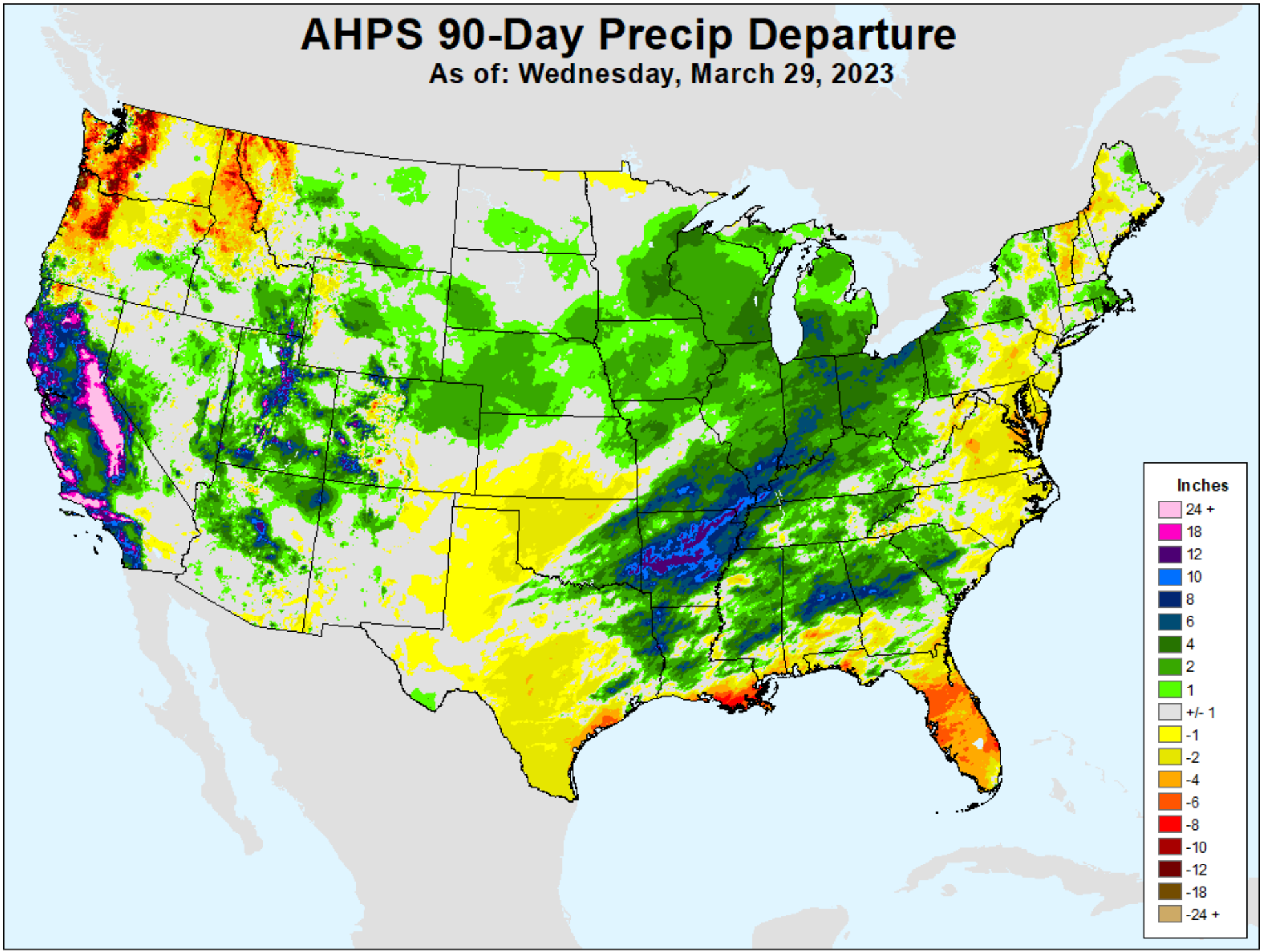


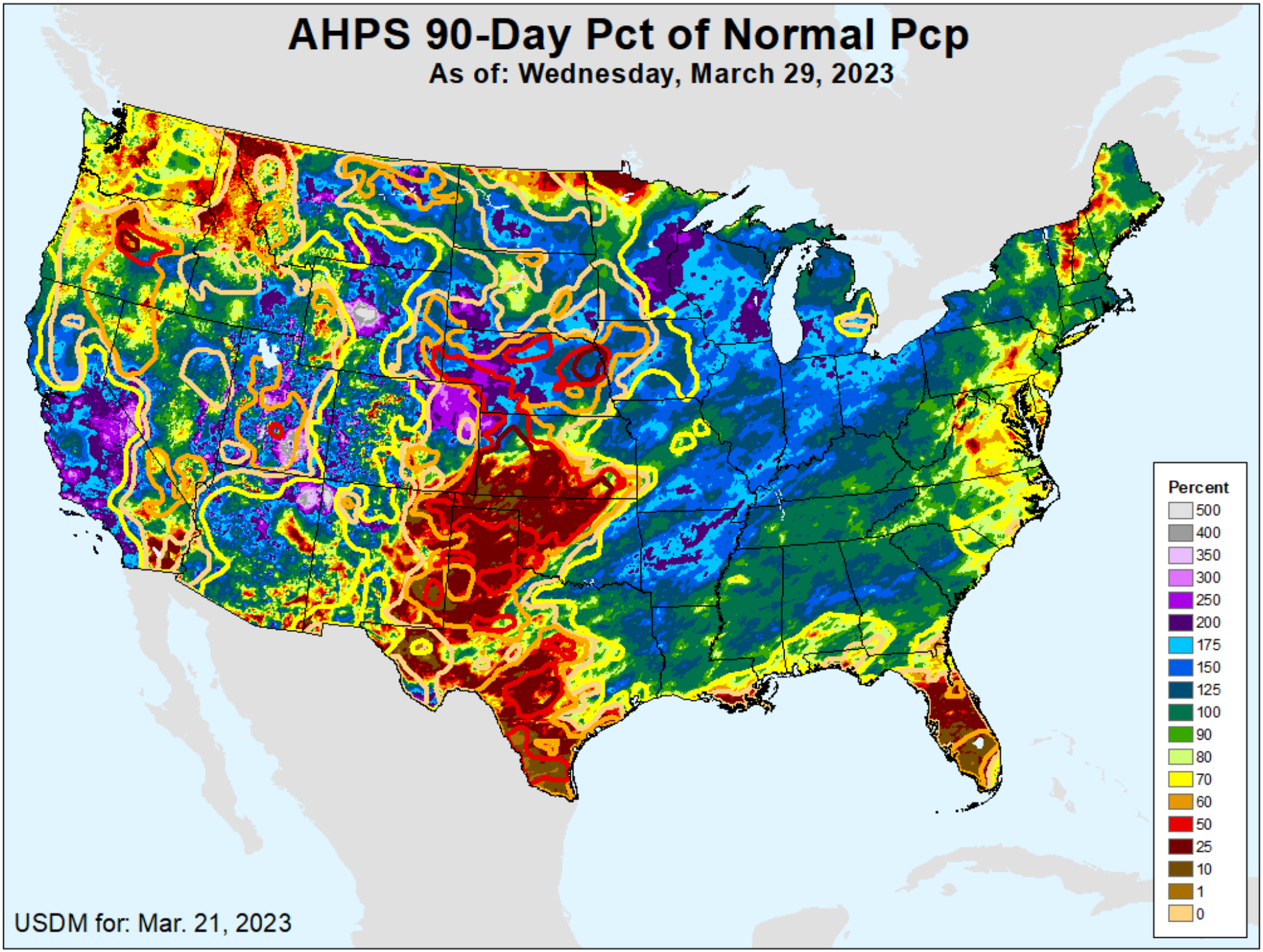
Inches
- 24 +
- 18
- 12
- 10
- 8
- 6
- 4
- 2
- 1
- +/- 1
- -1
- -2
- -4
- -6
- -8
- -10
- -12
- -18
- -24 +

USDM for: Mar. 21, 2023

AHPS 90-Day Precip Departure

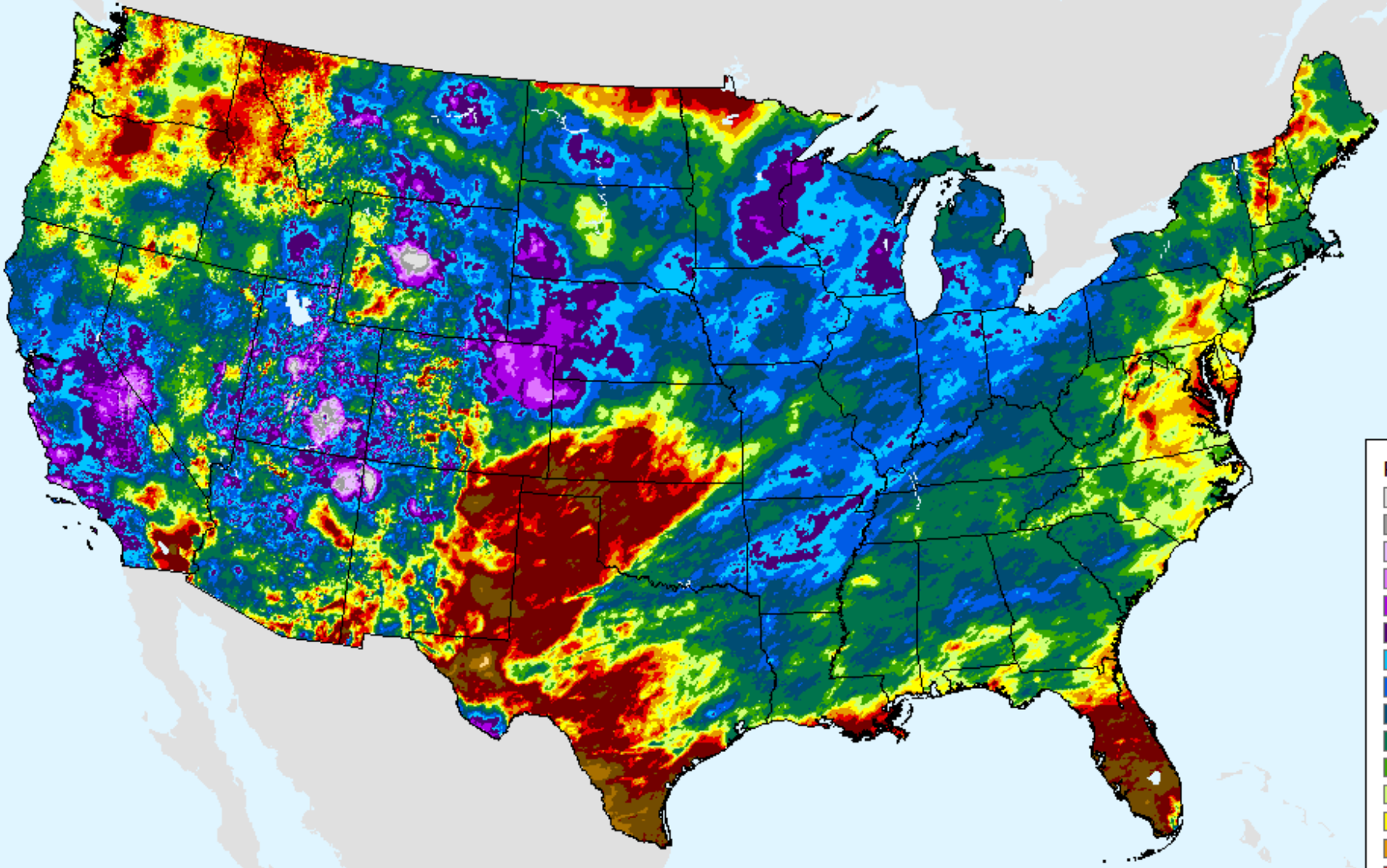
As of: Wednesday, March 29, 2023




AHPS 90-Day Pct of Normal Pcp
As of: Wednesday, March 29, 2023
Percent
500
400
350
300
250
200
175
150
125
100
90
80
70
60
50
25
10
1
0
USDM for: Mar. 21, 2023

AHPS 90-Day Pct of Normal Pcp

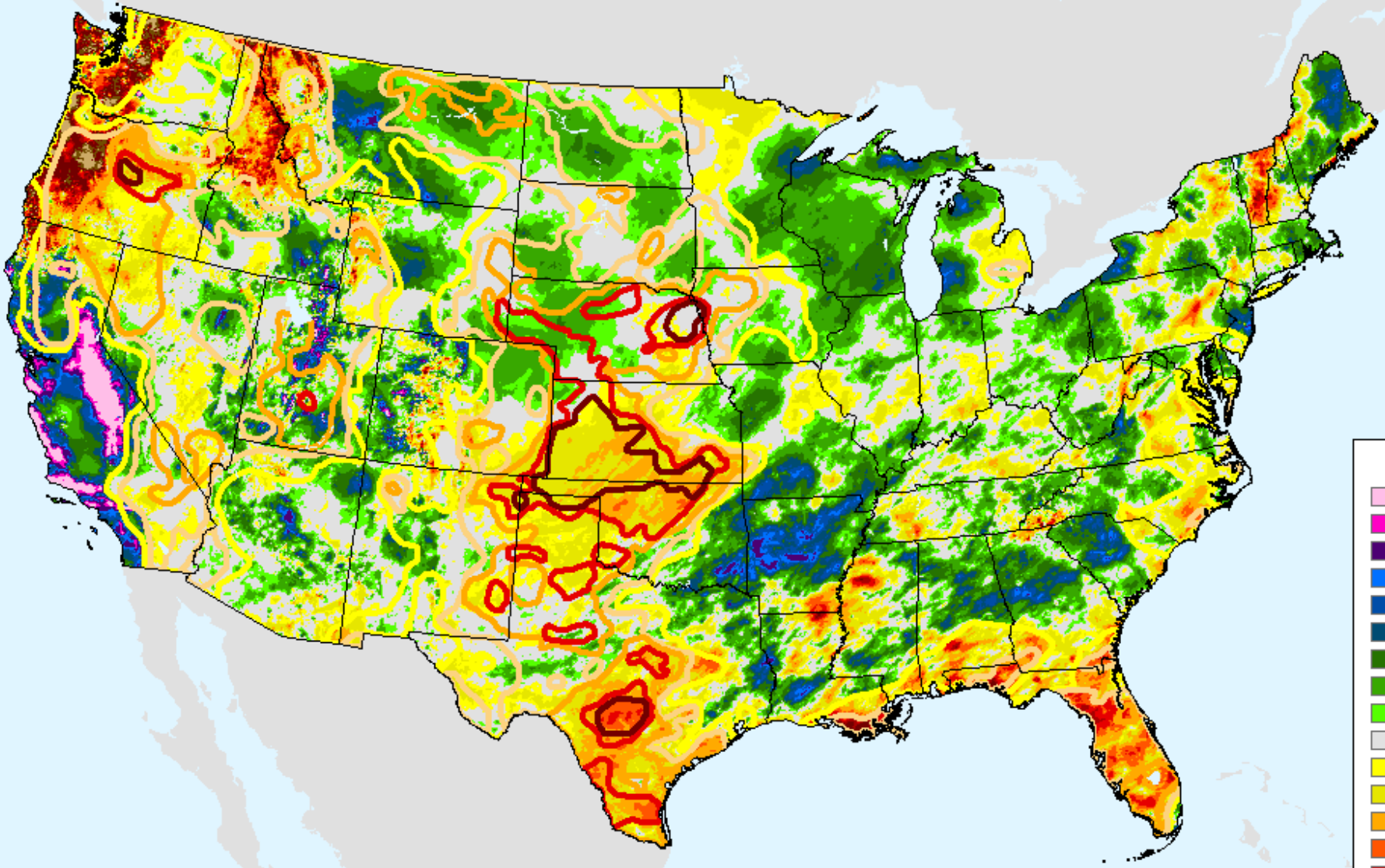
As of: Wednesday, March 29, 2023



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

AHPS 180-Day Precip Departure

As of: Wednesday, March 29, 2023

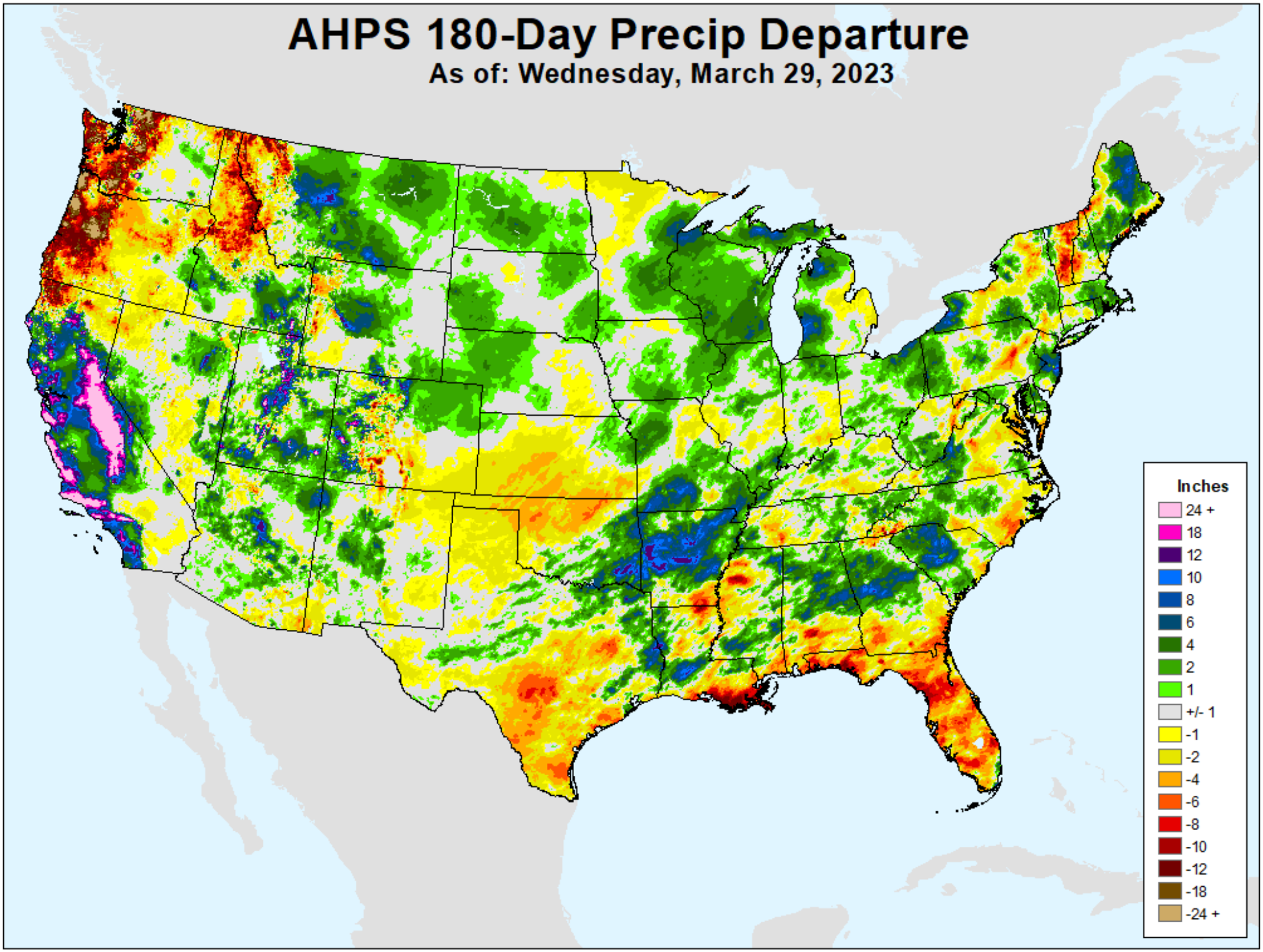


Inches
- 24 +
- 18
- 12
- 10
- 8
- 6
- 4
- 2
- 1
- +/- 1
- -1
- -2
- -4
- -6
- -8
- -10
- -12
- -18
- -24 +

USDM for: Mar. 21, 2023

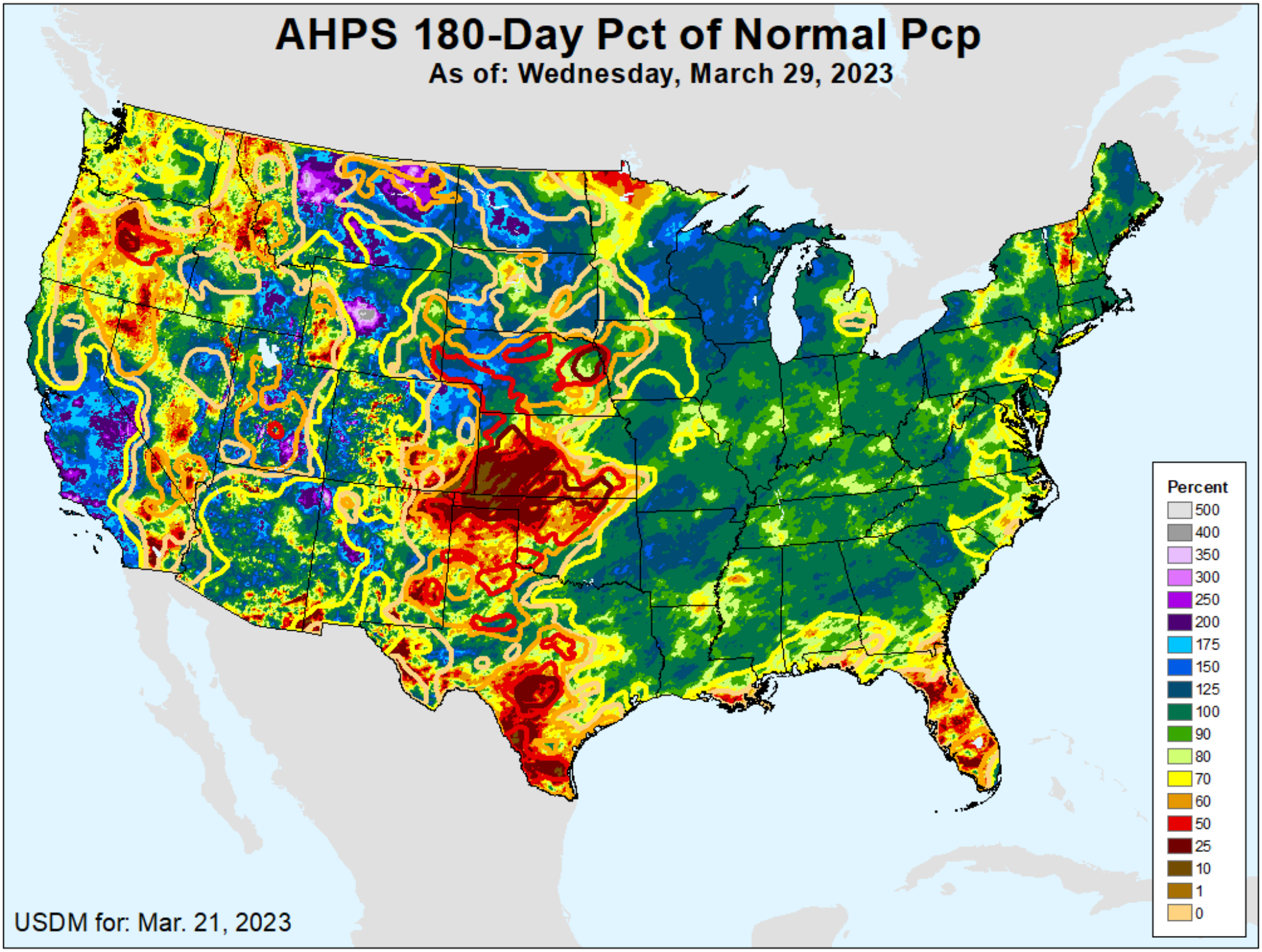
AHPS 180-Day Precip Departure

As of: Wednesday, March 29, 2023



AHPS 180-Day Pct of Normal Pcp

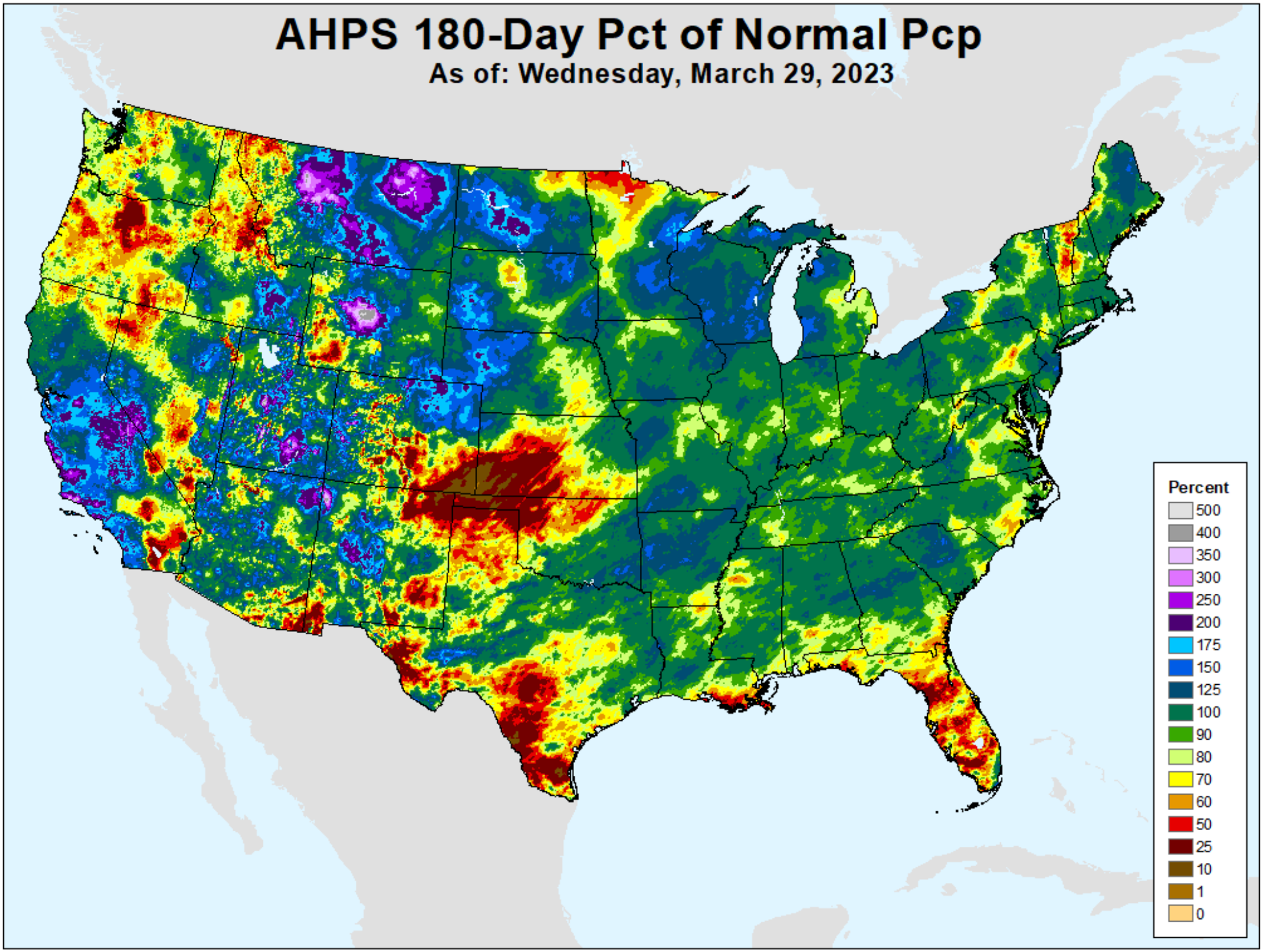
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

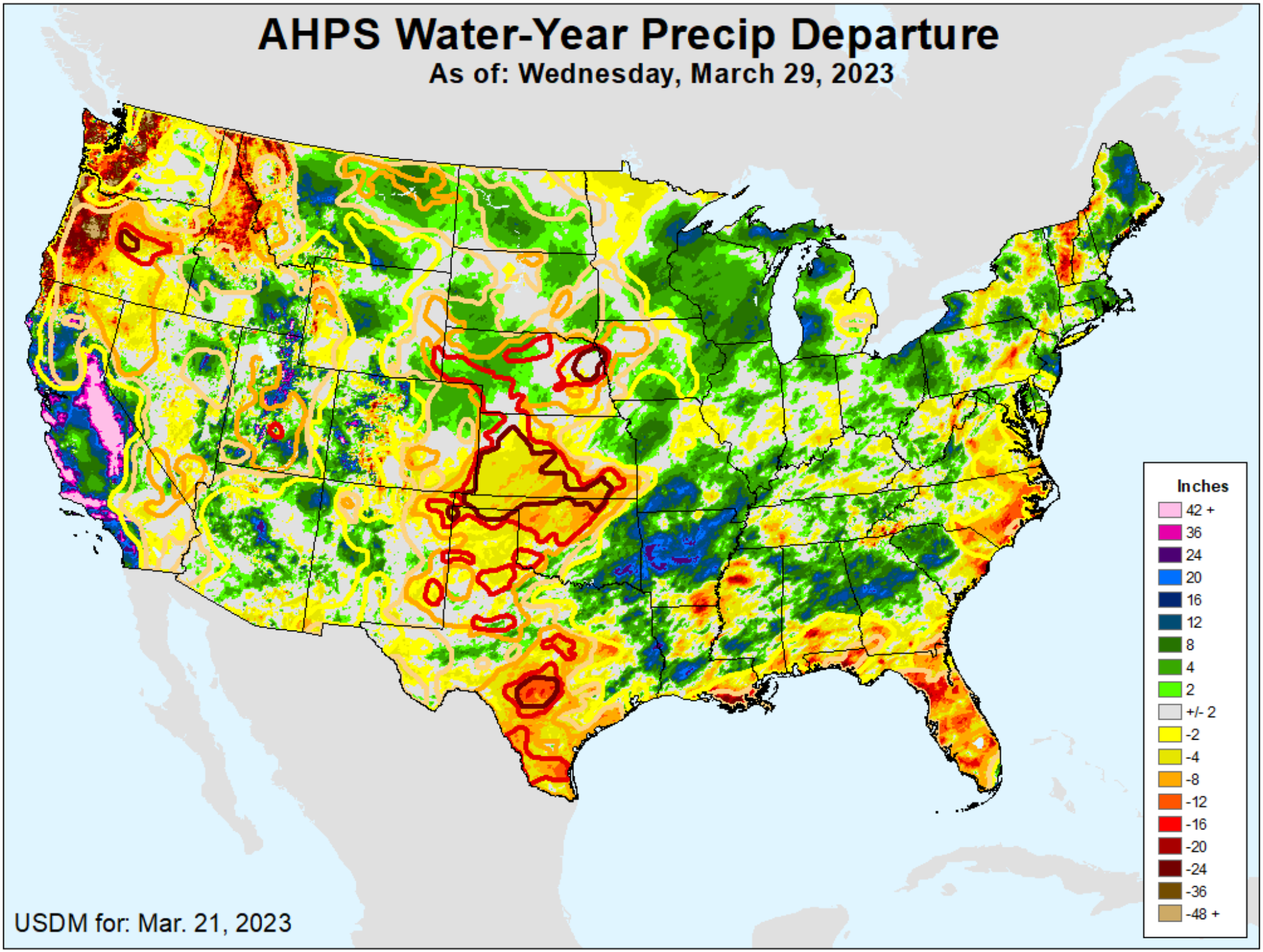
AHPS 180-Day Pct of Normal Pcp

As of: Wednesday, March 29, 2023



AHPS Water-Year Precip Departure

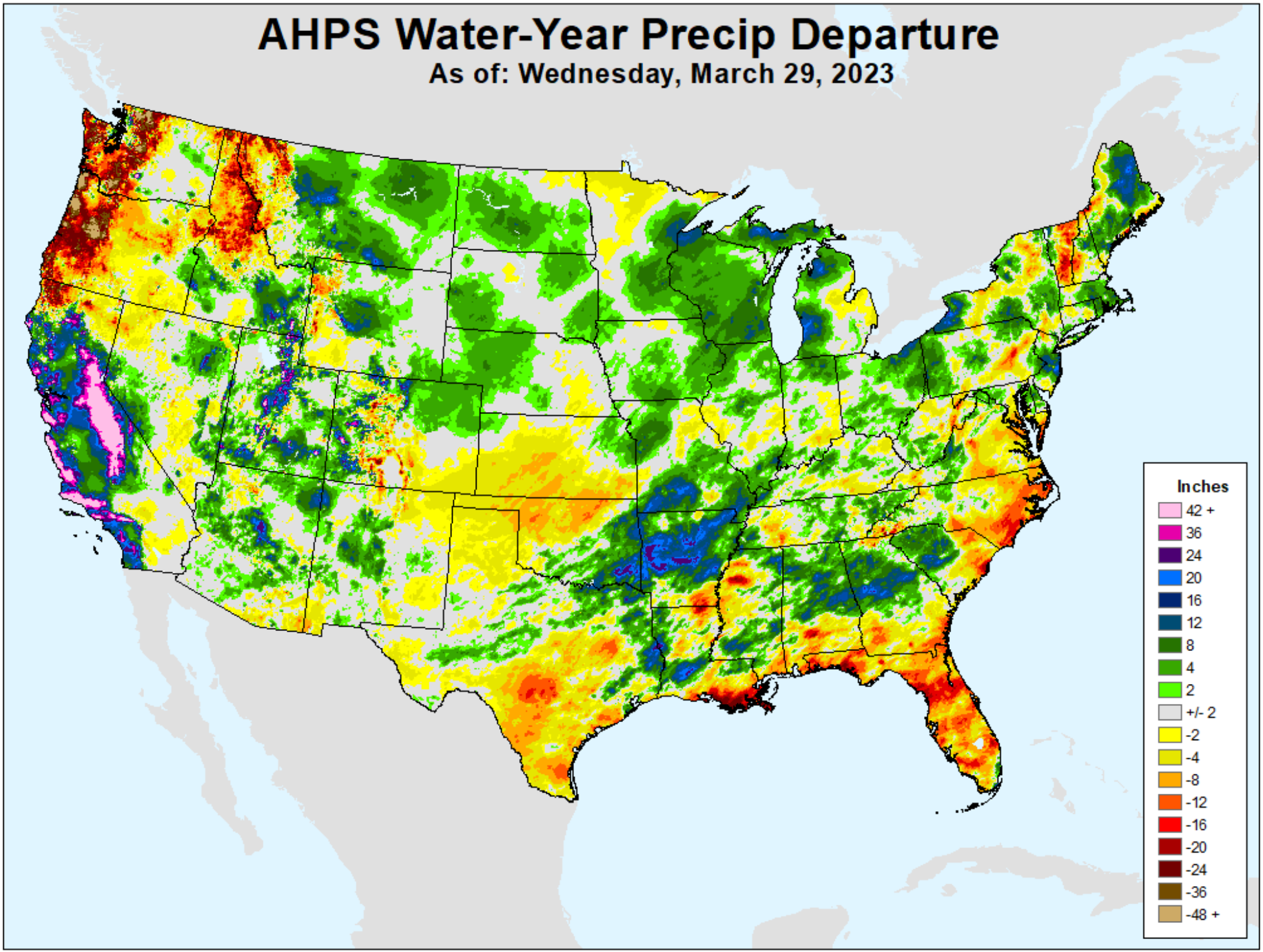
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

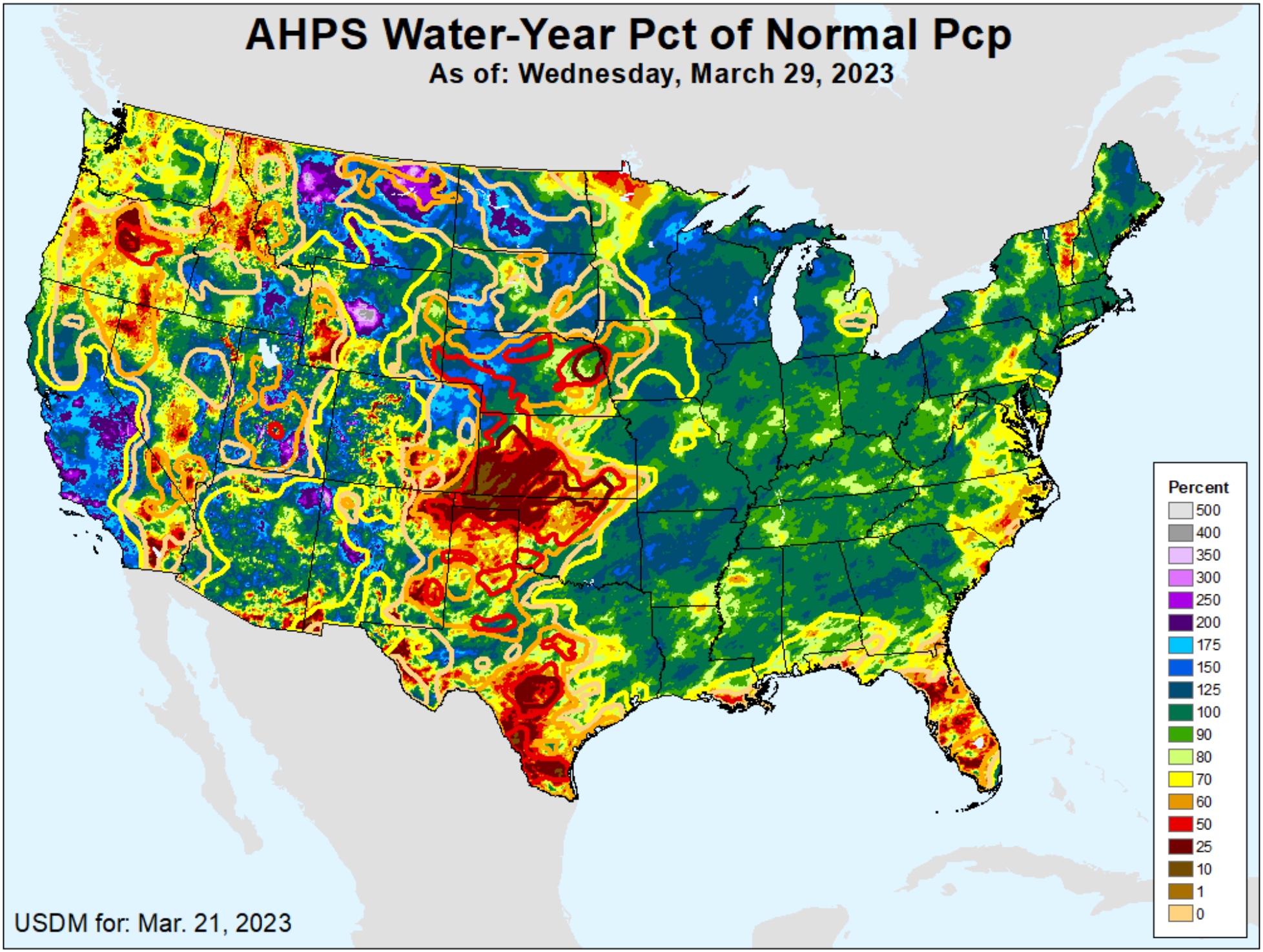
AHPS Water-Year Precip Departure

As of: Wednesday, March 29, 2023



AHPS Water-Year Pct of Normal Pcp

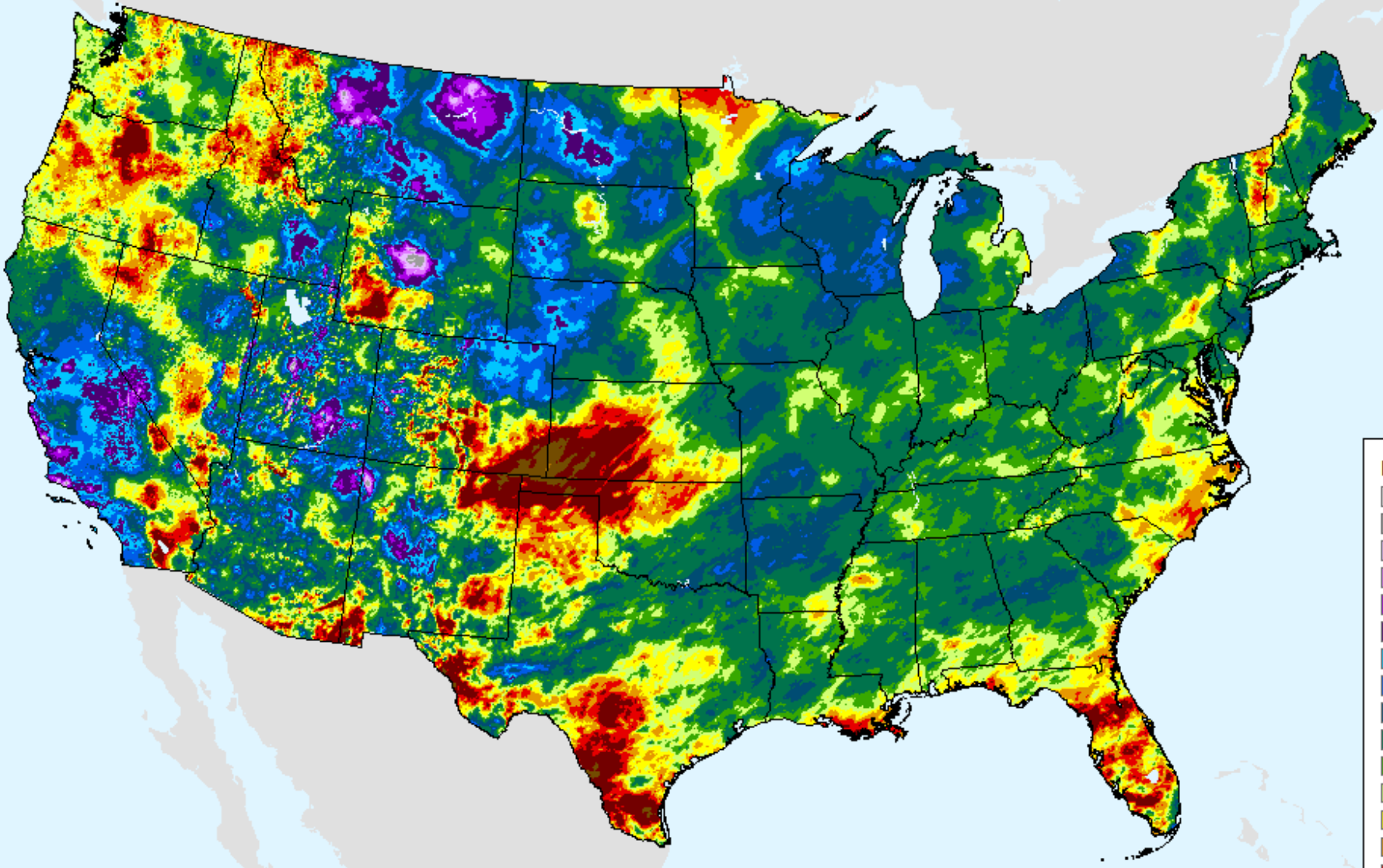
As of: Wednesday, March 29, 2023



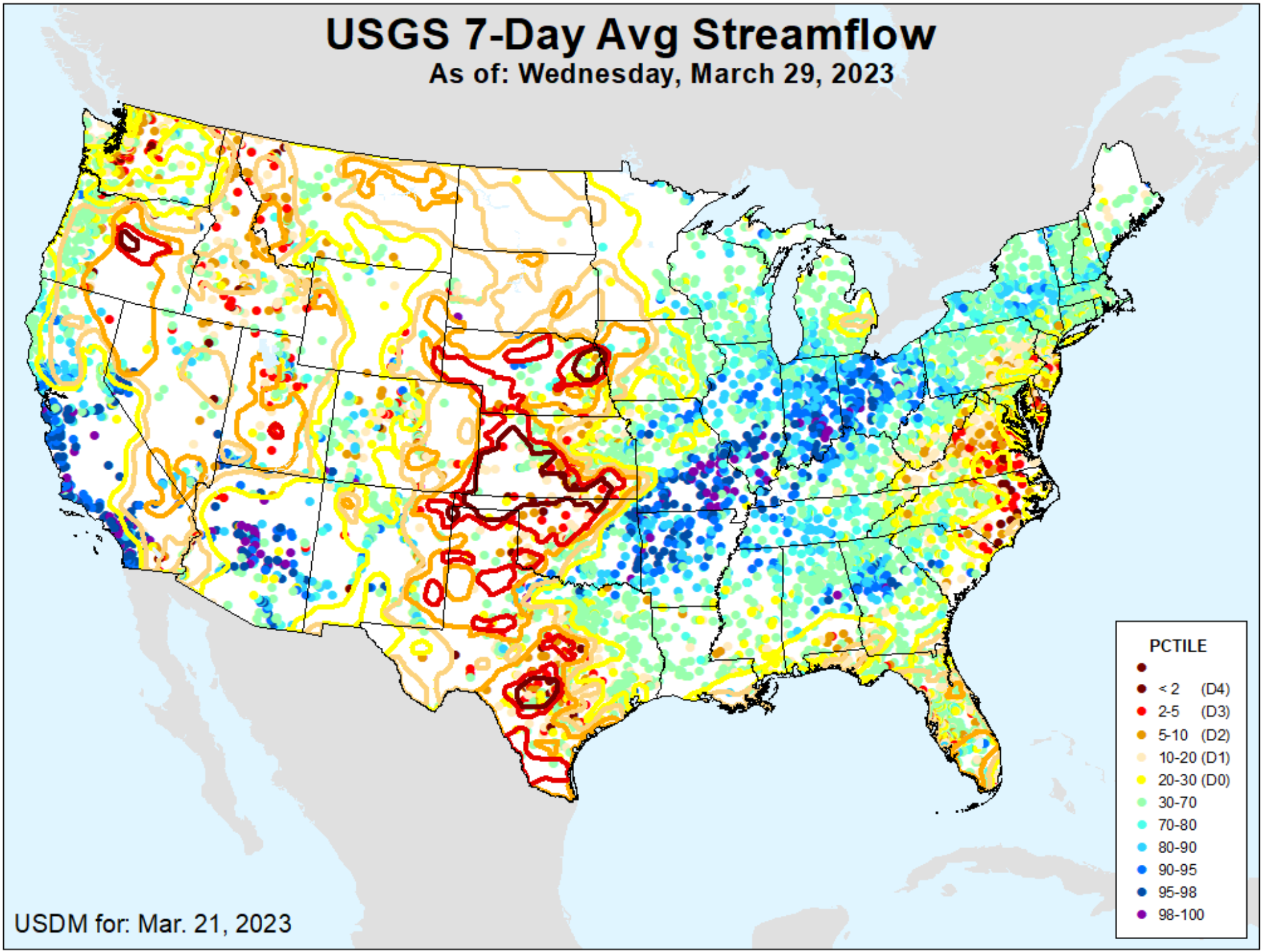
USDM for: Mar. 21, 2023

AHPS Water-Year Pct of Normal Pcp

As of: Wednesday, March 29, 2023

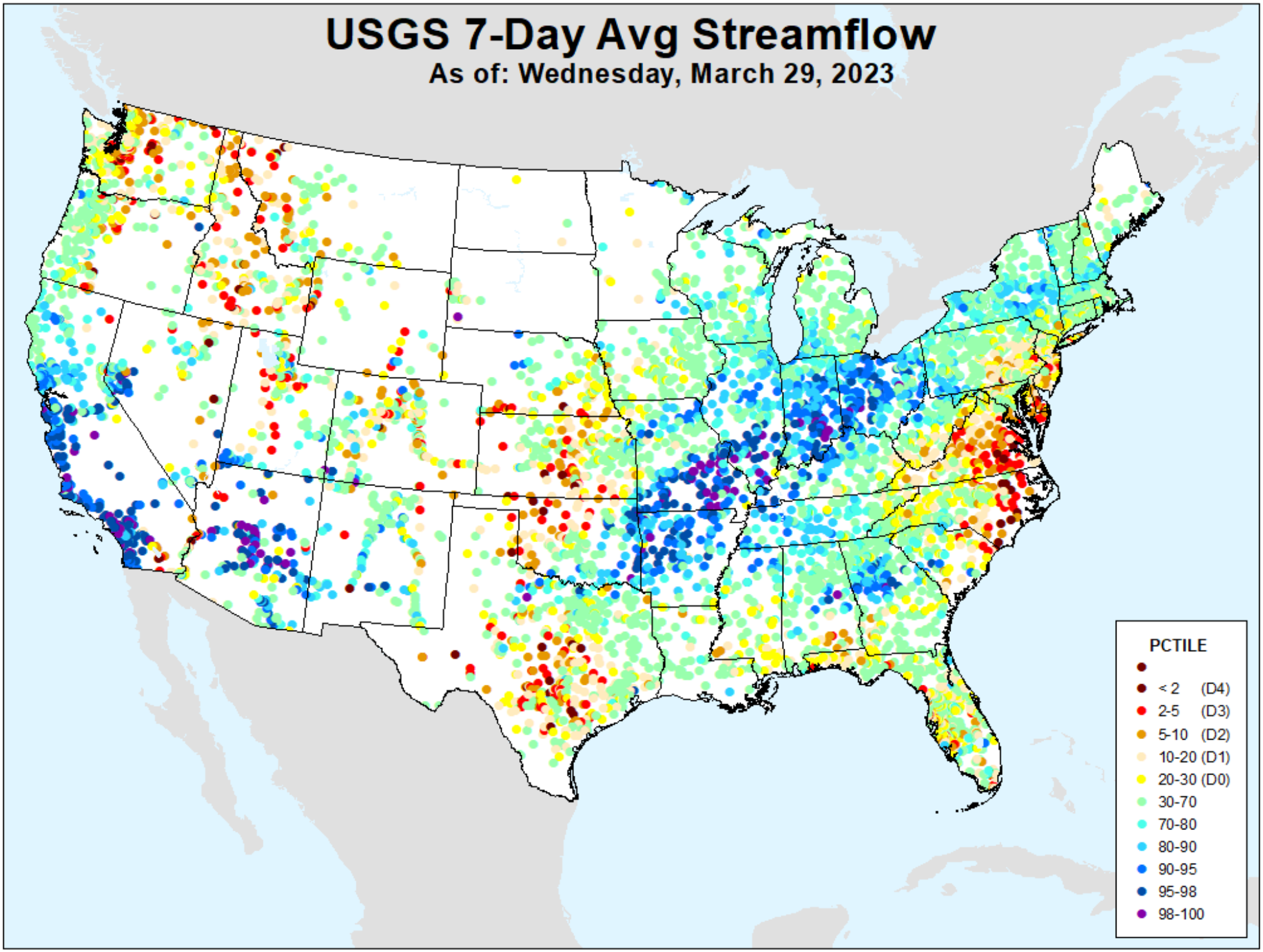


Percent
500
400
350
300
250
200
175
150
125
100
90
80
70
60
50
25
10
1
0


USGS 7-Day Avg Streamflow
As of: Wednesday, March 29, 2023
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: Mar. 21, 2023

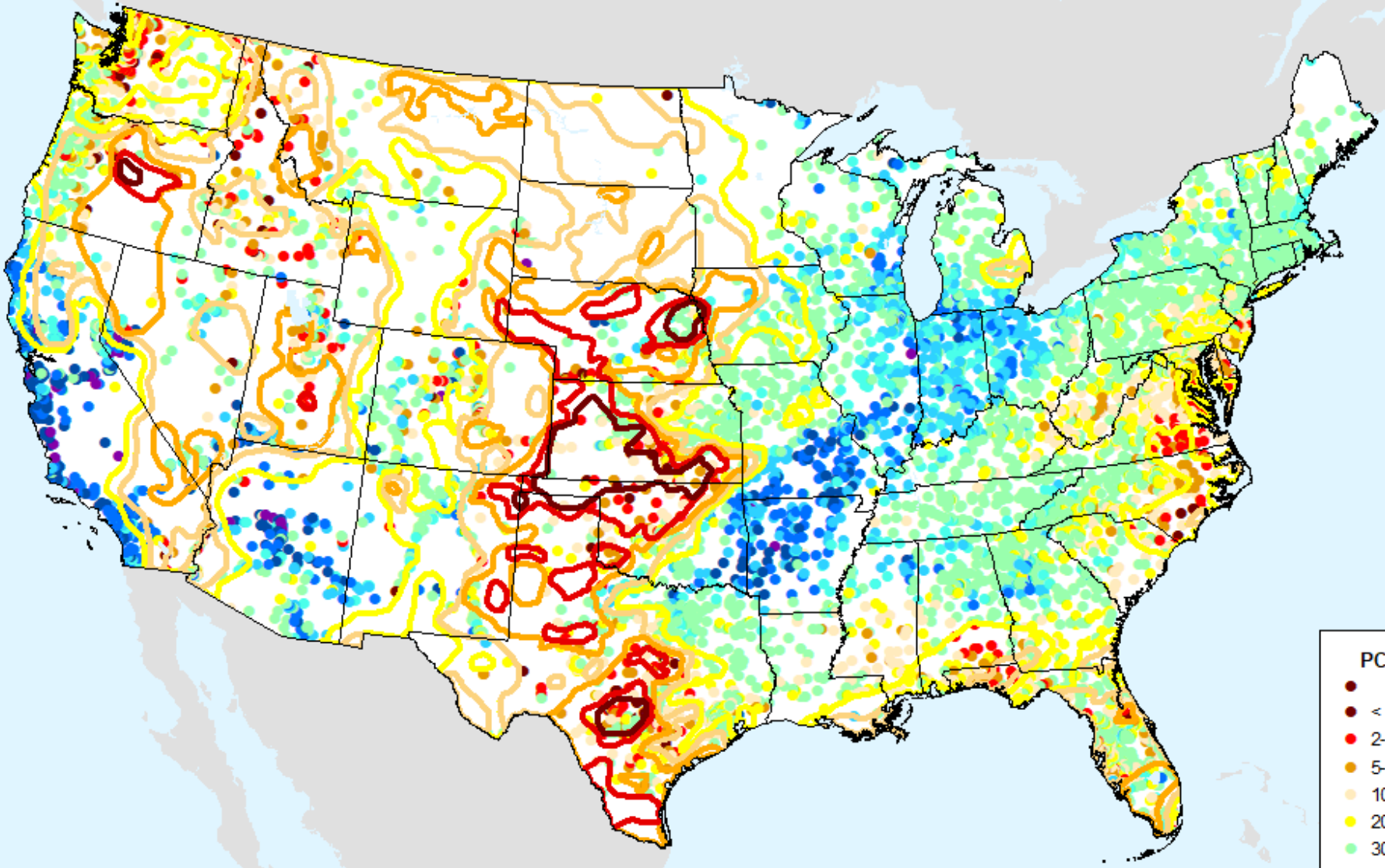
USGS 7-Day Avg Streamflow

As of: Wednesday, March 29, 2023



USGS 28-Day Avg Streamflow

As of: Wednesday, March 29, 2023



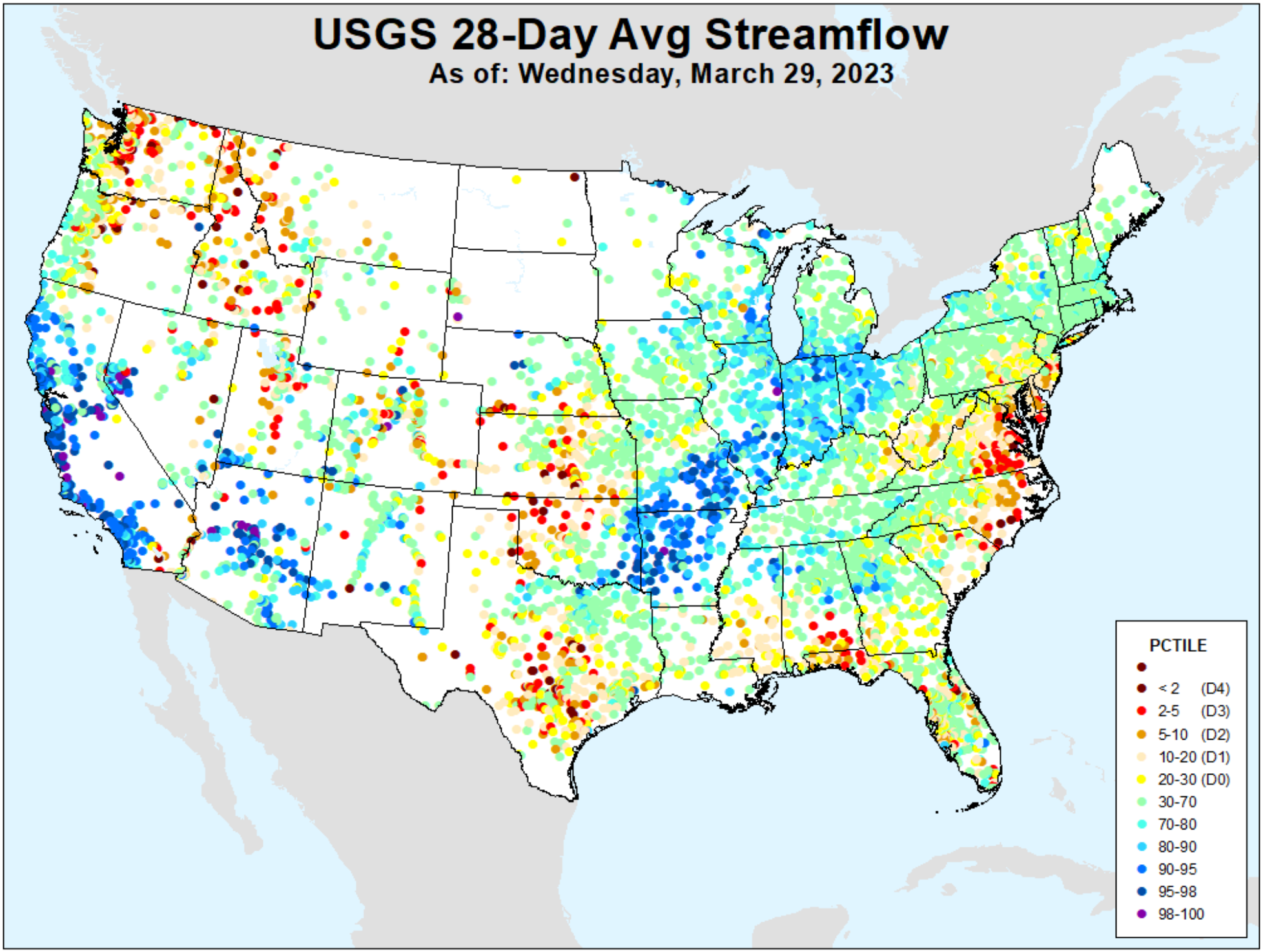
PCTILE

- < 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: Mar. 21, 2023

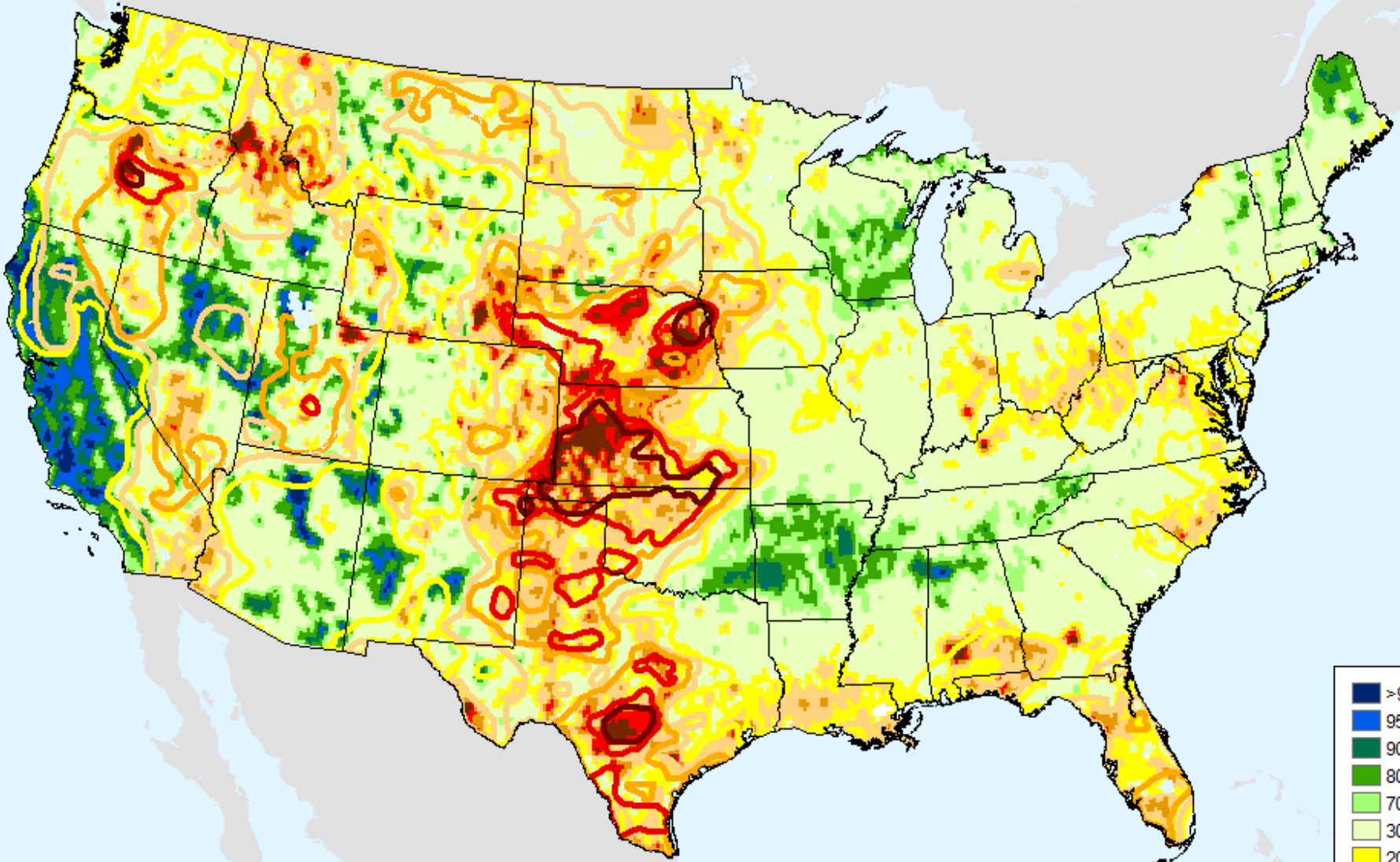
USGS 28-Day Avg Streamflow

As of: Wednesday, March 29, 2023



NLDAS-2 Ensemble Soil Moisture

As of: Wednesday, March 29, 2023

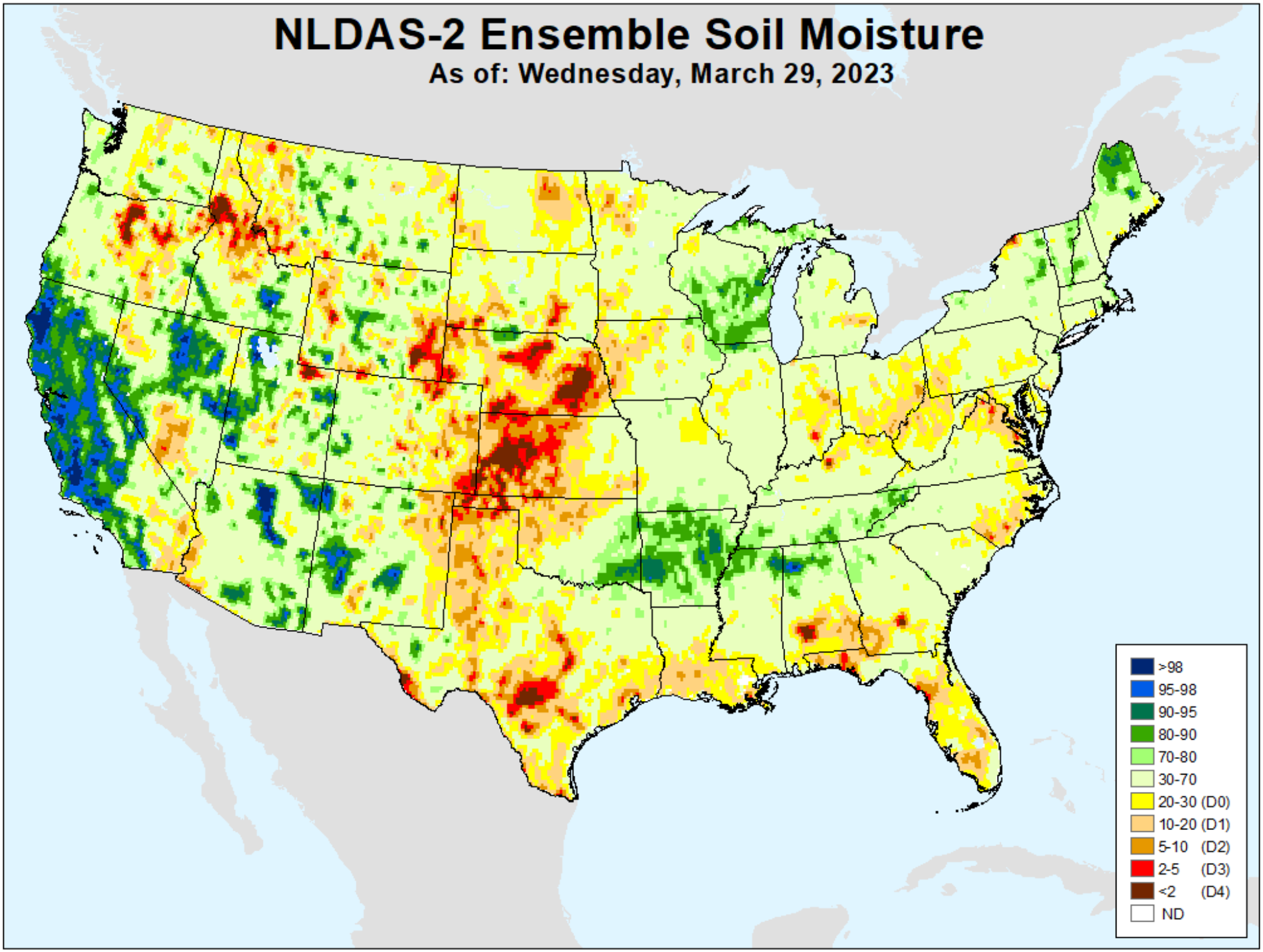


>98	
95-98	
90-95	
80-90	
70-80	
30-70	
20-30	(D0)
10-20	(D1)
5-10	(D2)
2-5	(D3)
<2	(D4)
ND	

USDM for: Mar. 21, 2023

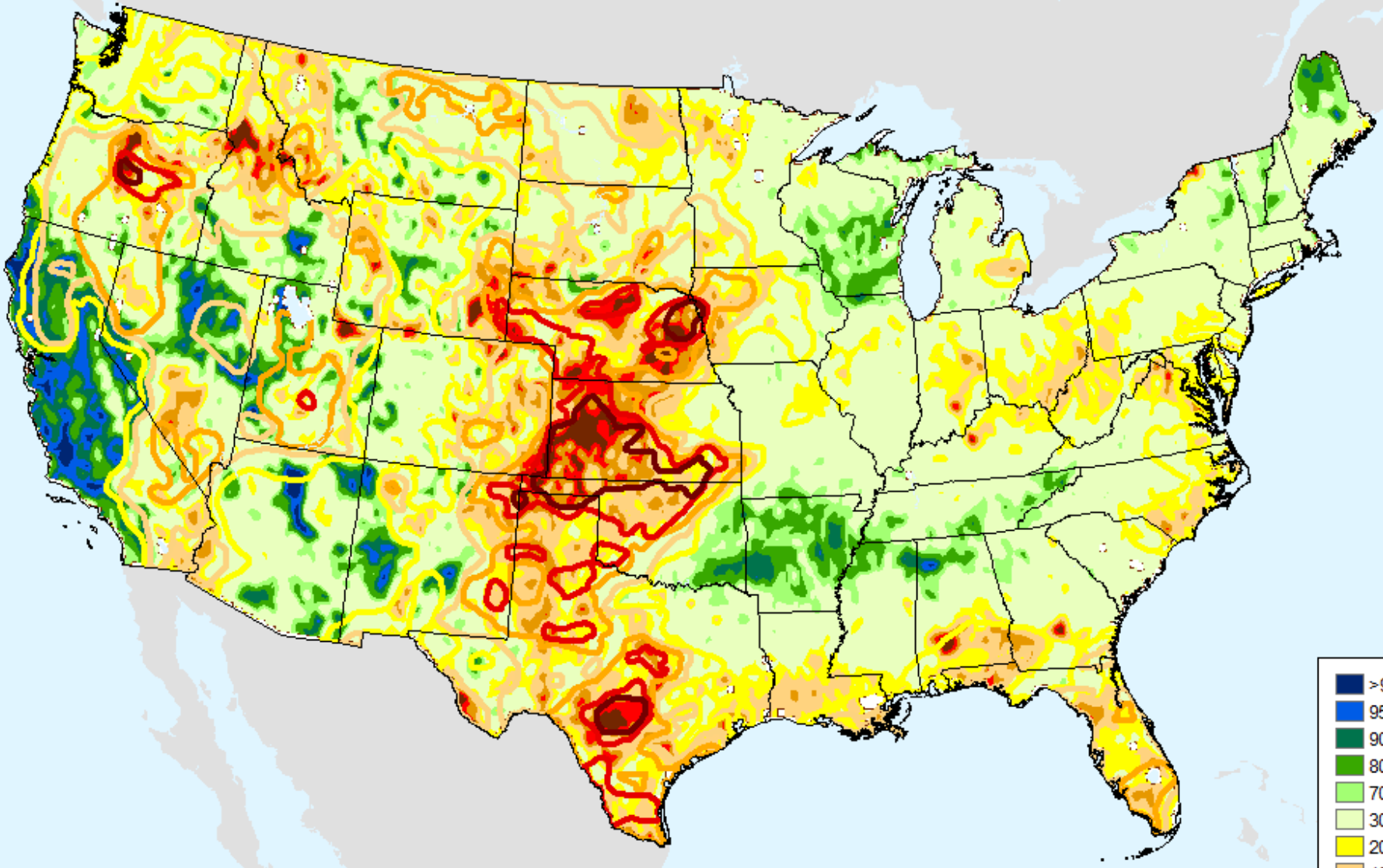
NLDAS-2 Ensemble Soil Moisture

As of: Wednesday, March 29, 2023



NLDAS-2 Ensemble Soil Moisture

As of: Wednesday, March 29, 2023

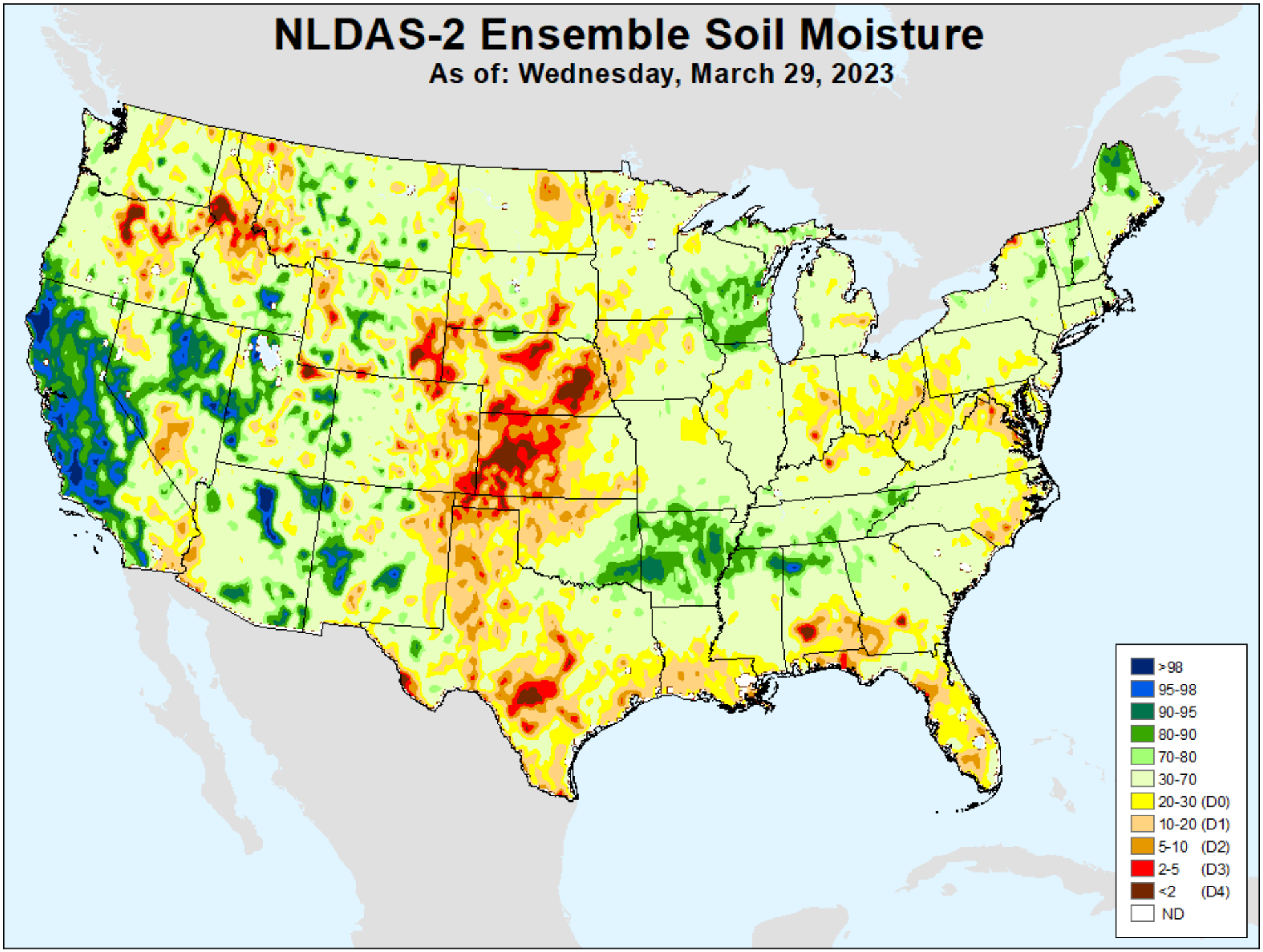


>98	
95-98	
90-95	
80-90	
70-80	
30-70	
20-30	(D0)
10-20	(D1)
5-10	(D2)
2-5	(D3)
<2	(D4)
ND	

USDM for: Mar. 21, 2023

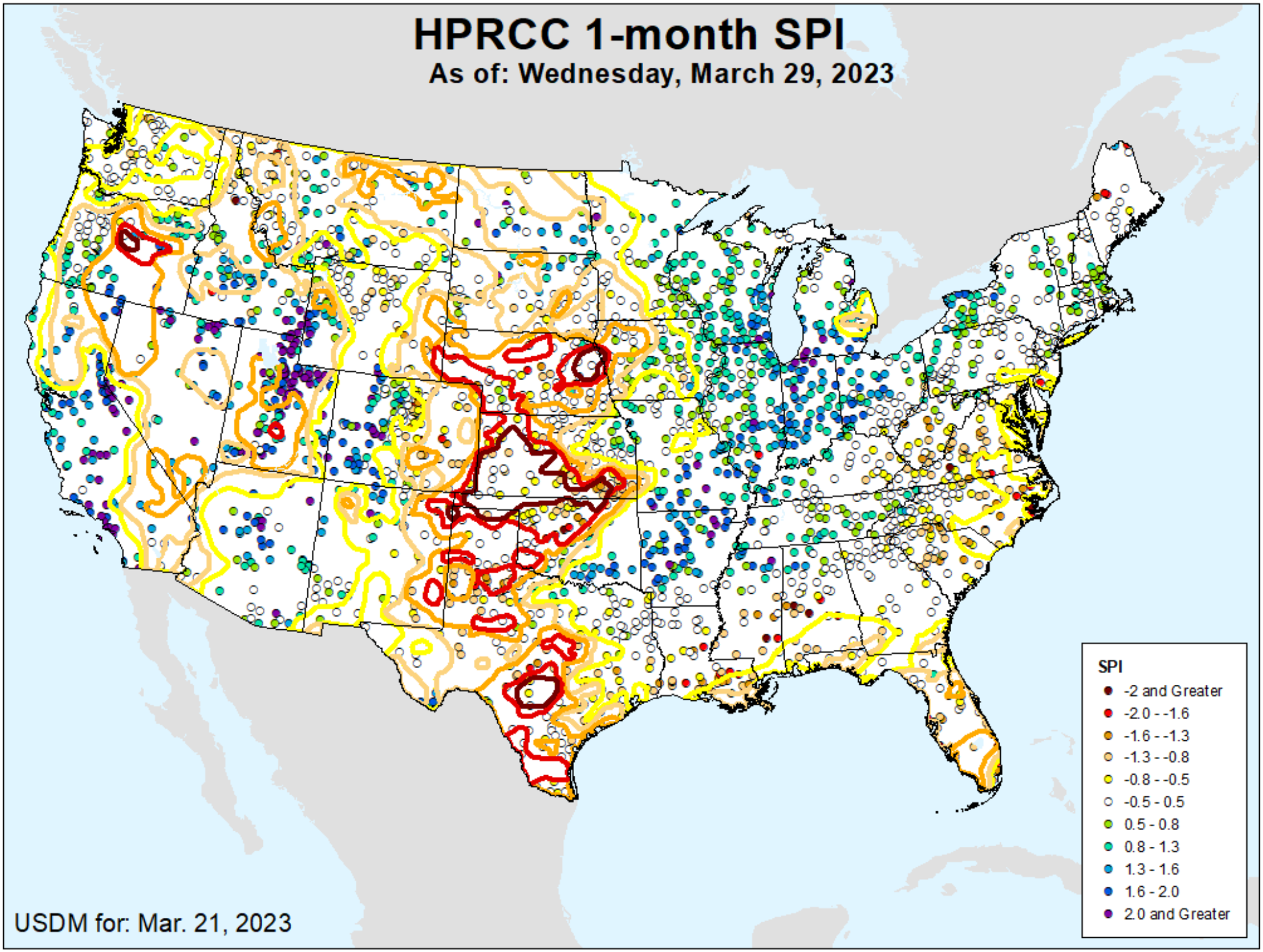
NLDAS-2 Ensemble Soil Moisture

As of: Wednesday, March 29, 2023



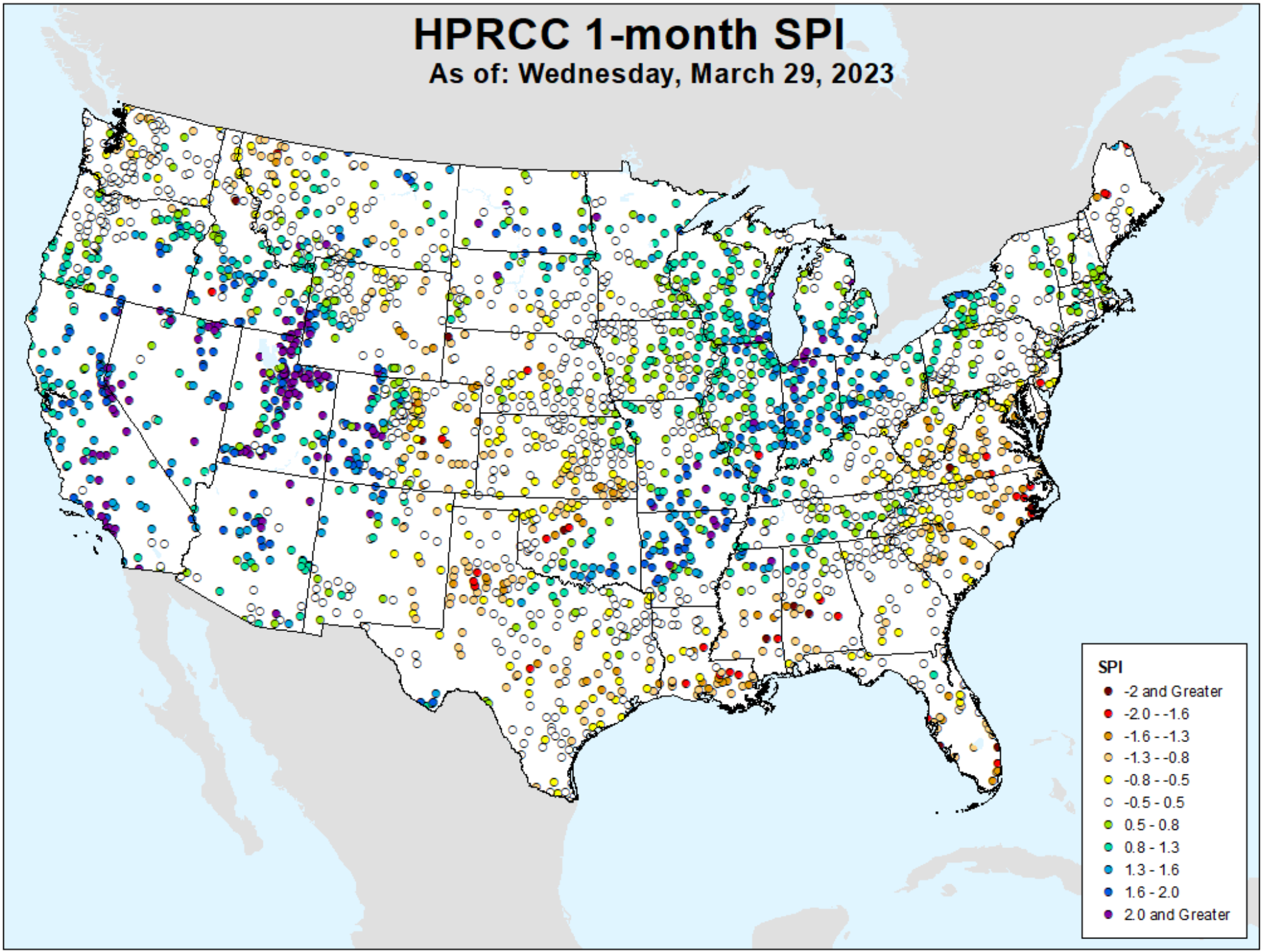
HPRCC 1-month SPI

As of: Wednesday, March 29, 2023



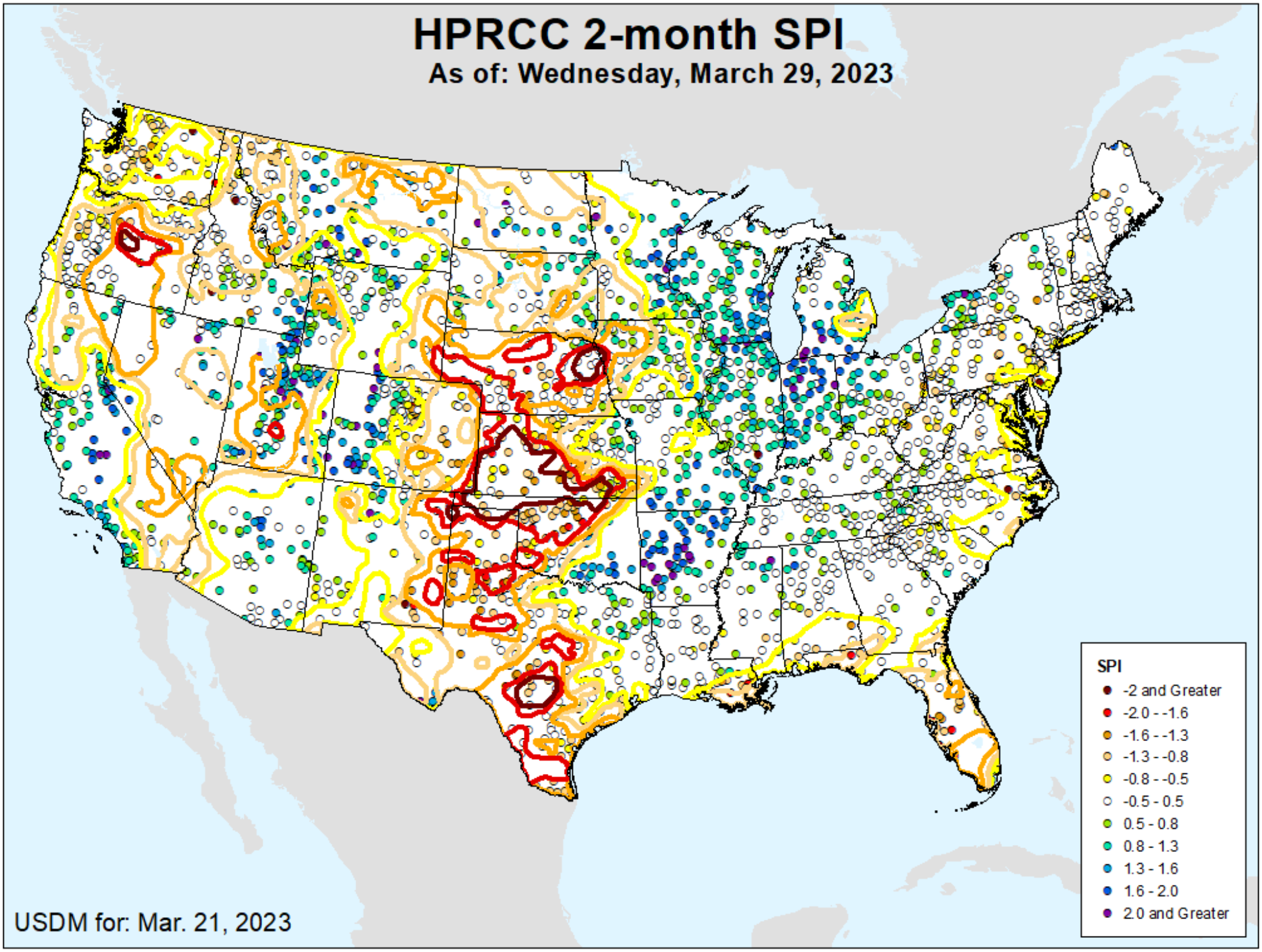
HPRCC 1-month SPI

As of: Wednesday, March 29, 2023



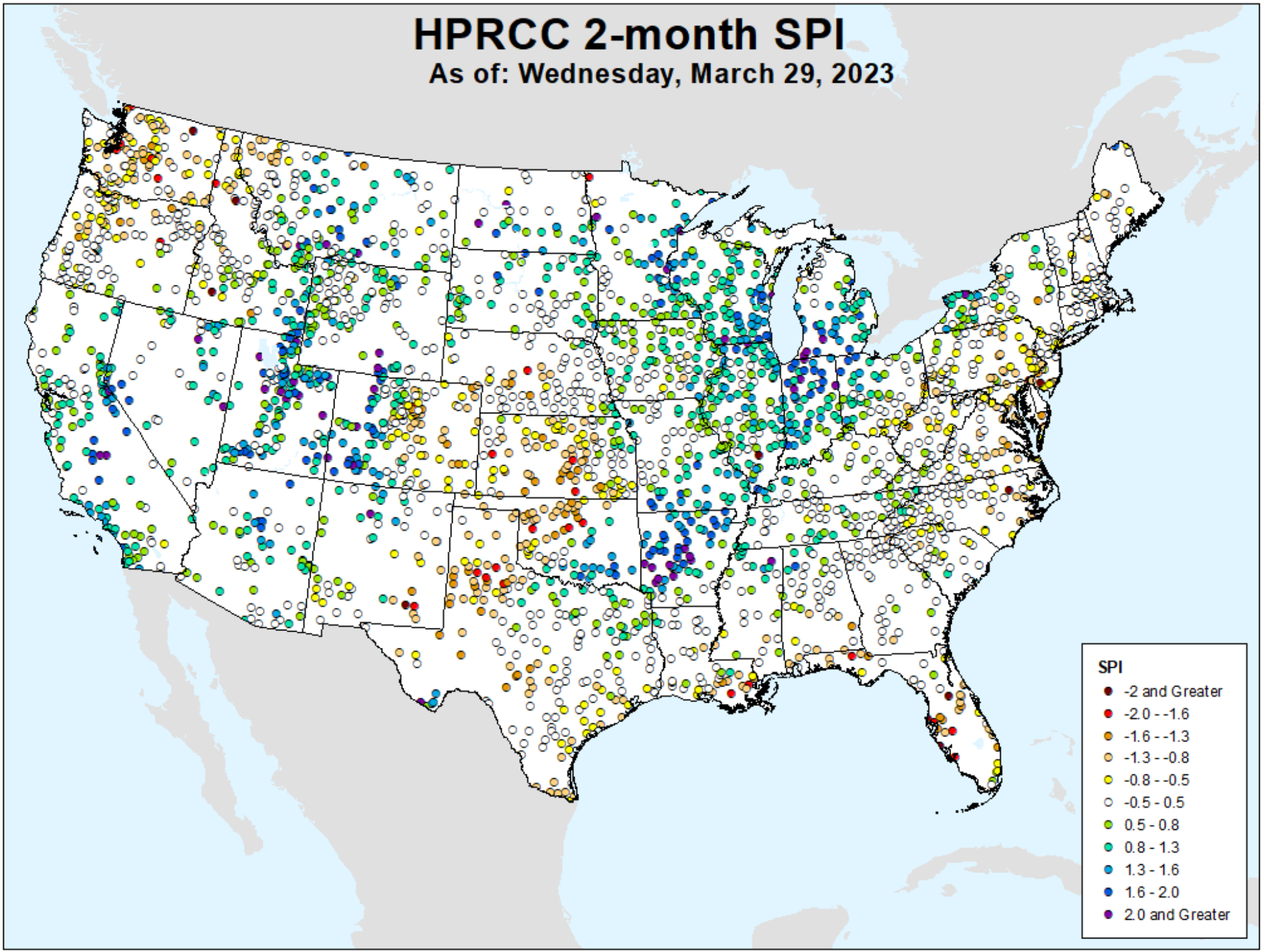
HPRCC 2-month SPI

As of: Wednesday, March 29, 2023



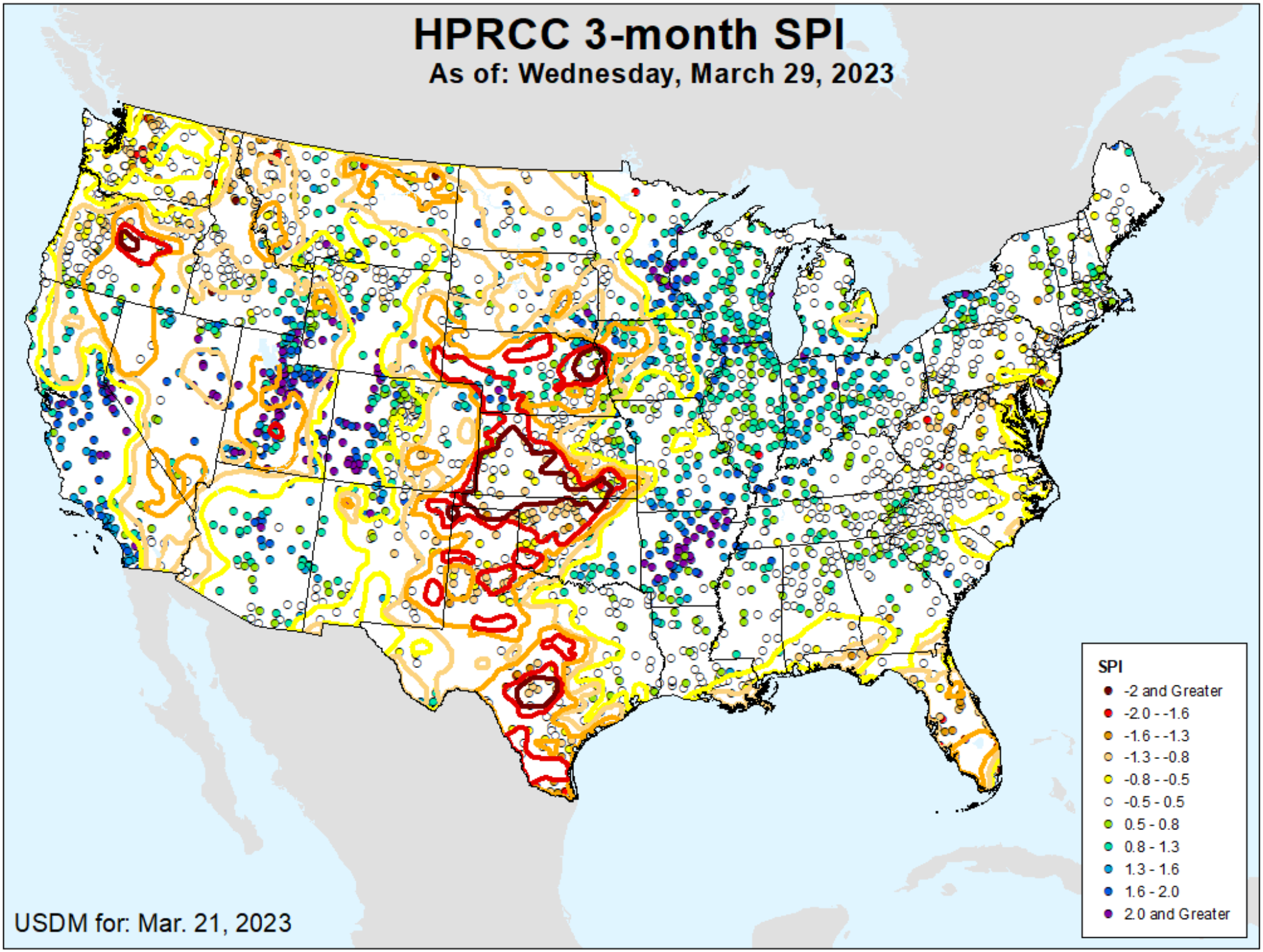
HPRCC 2-month SPI

As of: Wednesday, March 29, 2023



HPRCC 3-month SPI

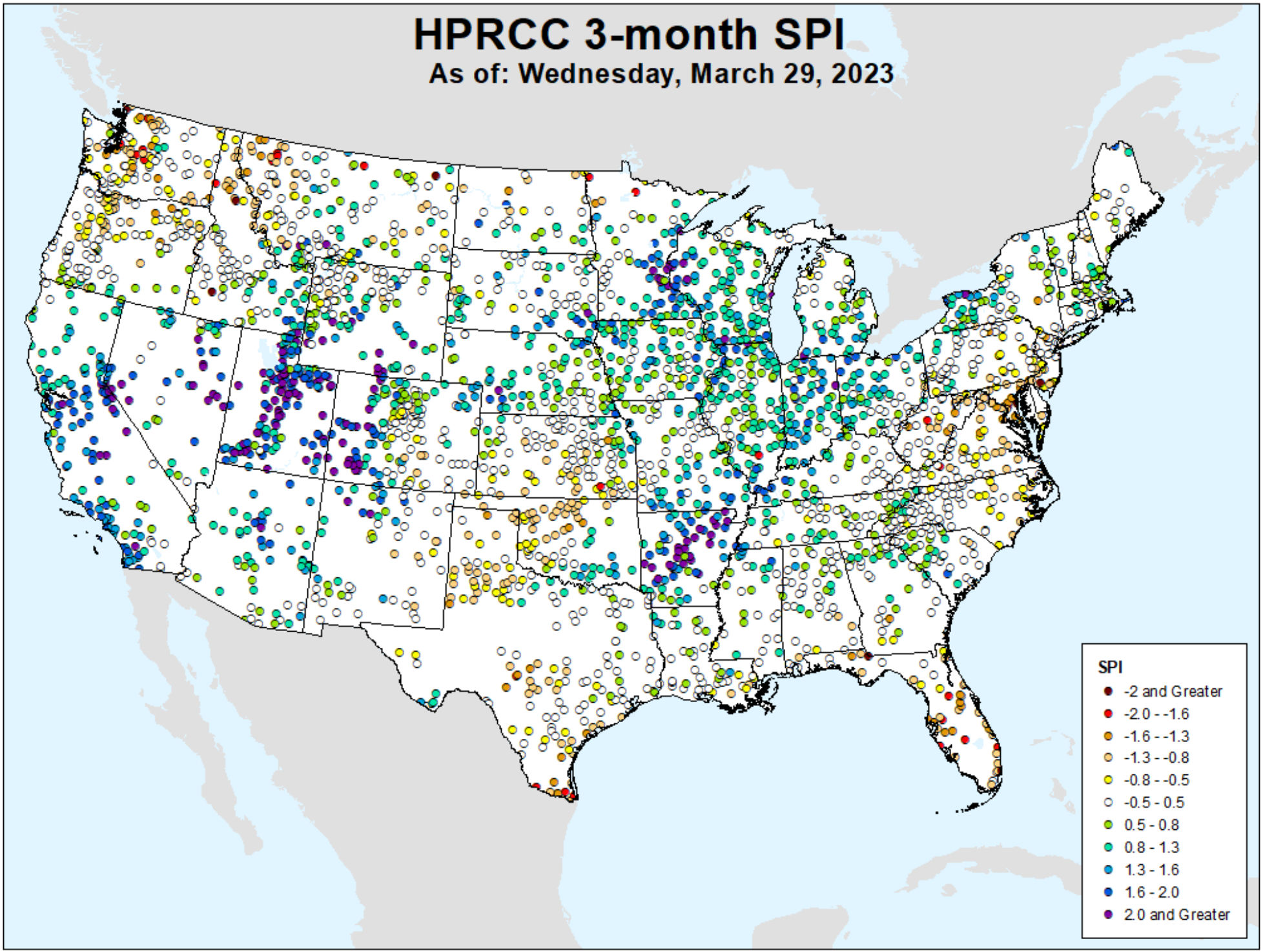
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

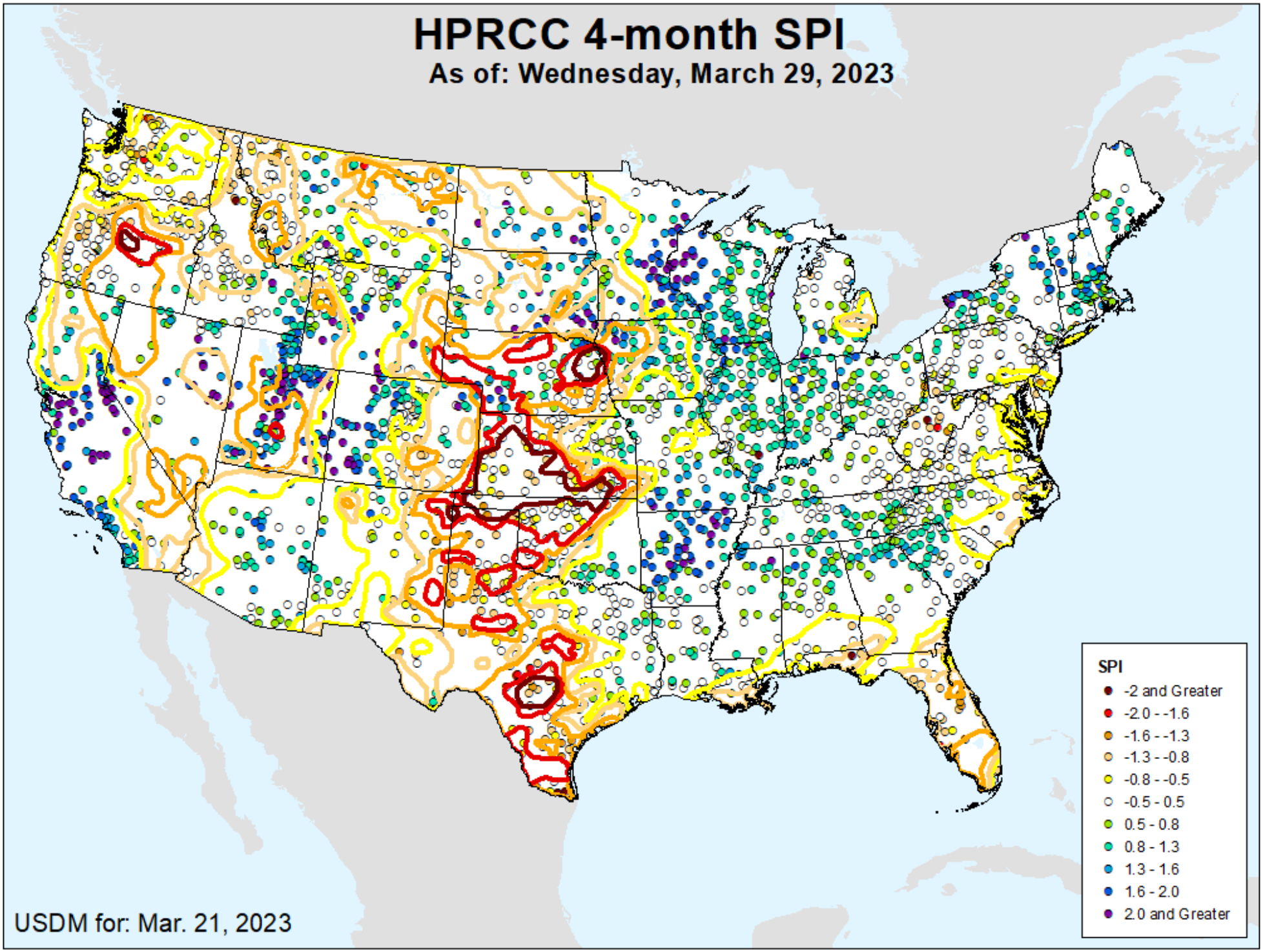
HPRCC 3-month SPI

As of: Wednesday, March 29, 2023



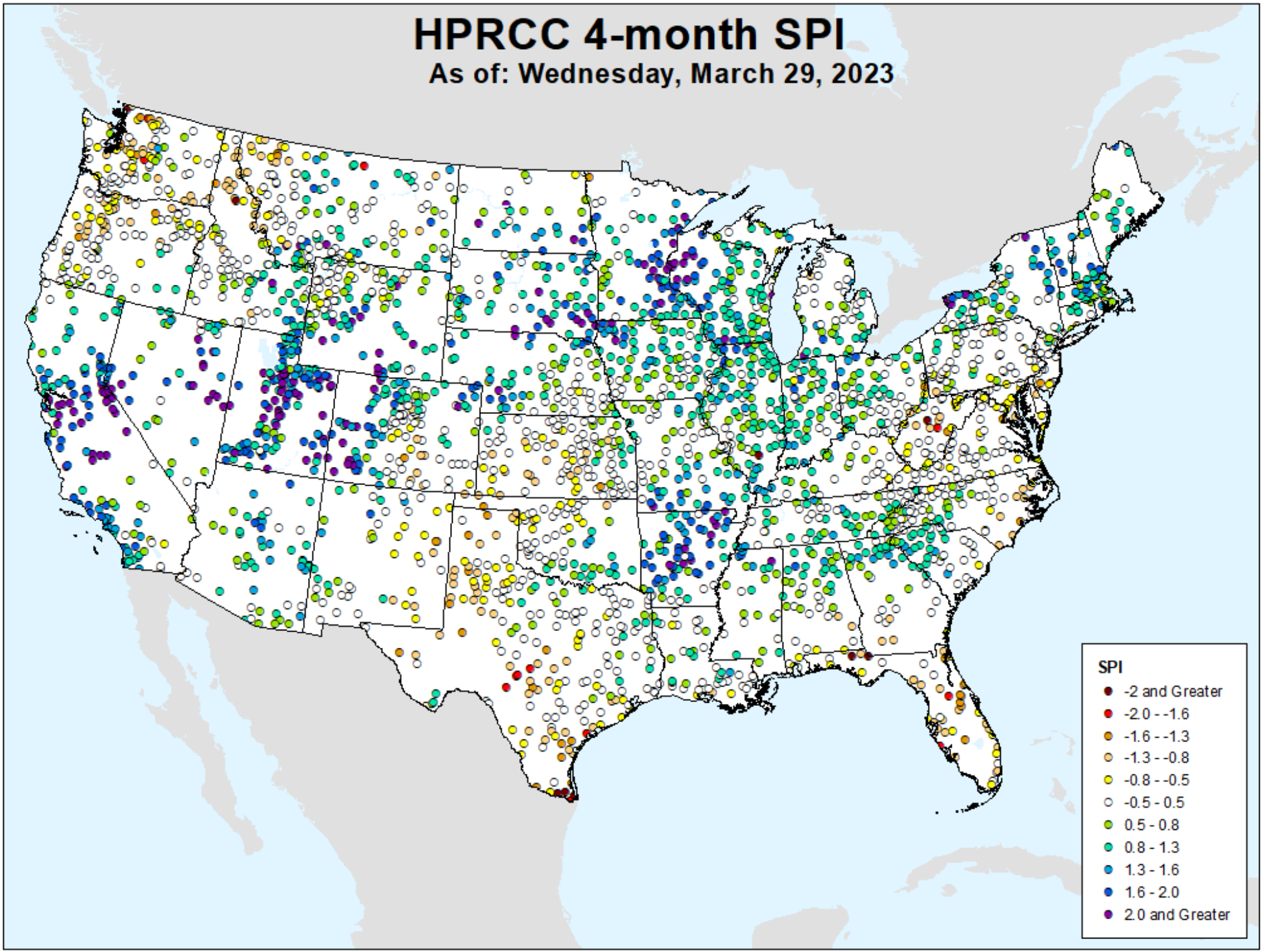
HPRCC 4-month SPI

As of: Wednesday, March 29, 2023



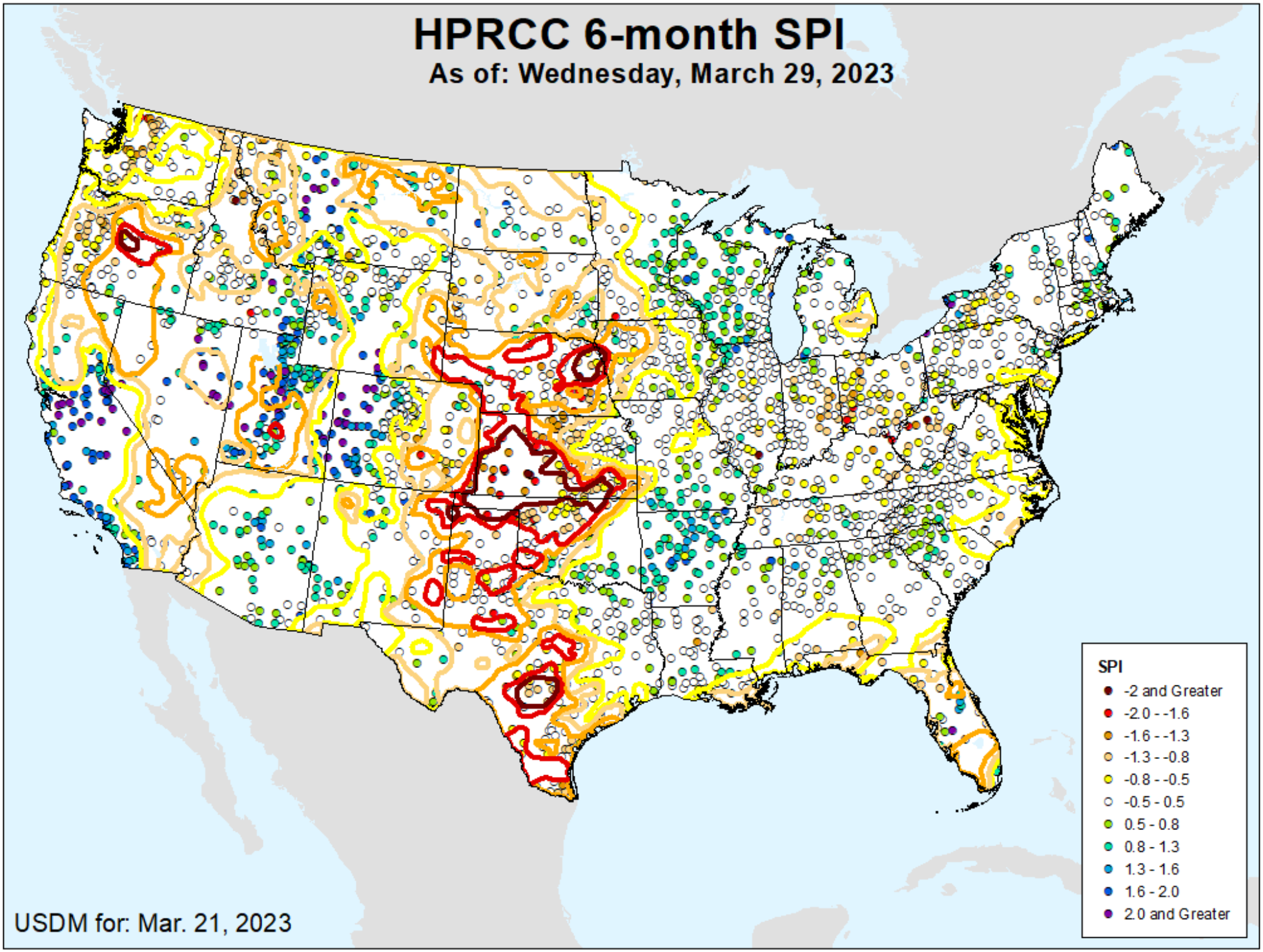
HPRCC 4-month SPI

As of: Wednesday, March 29, 2023



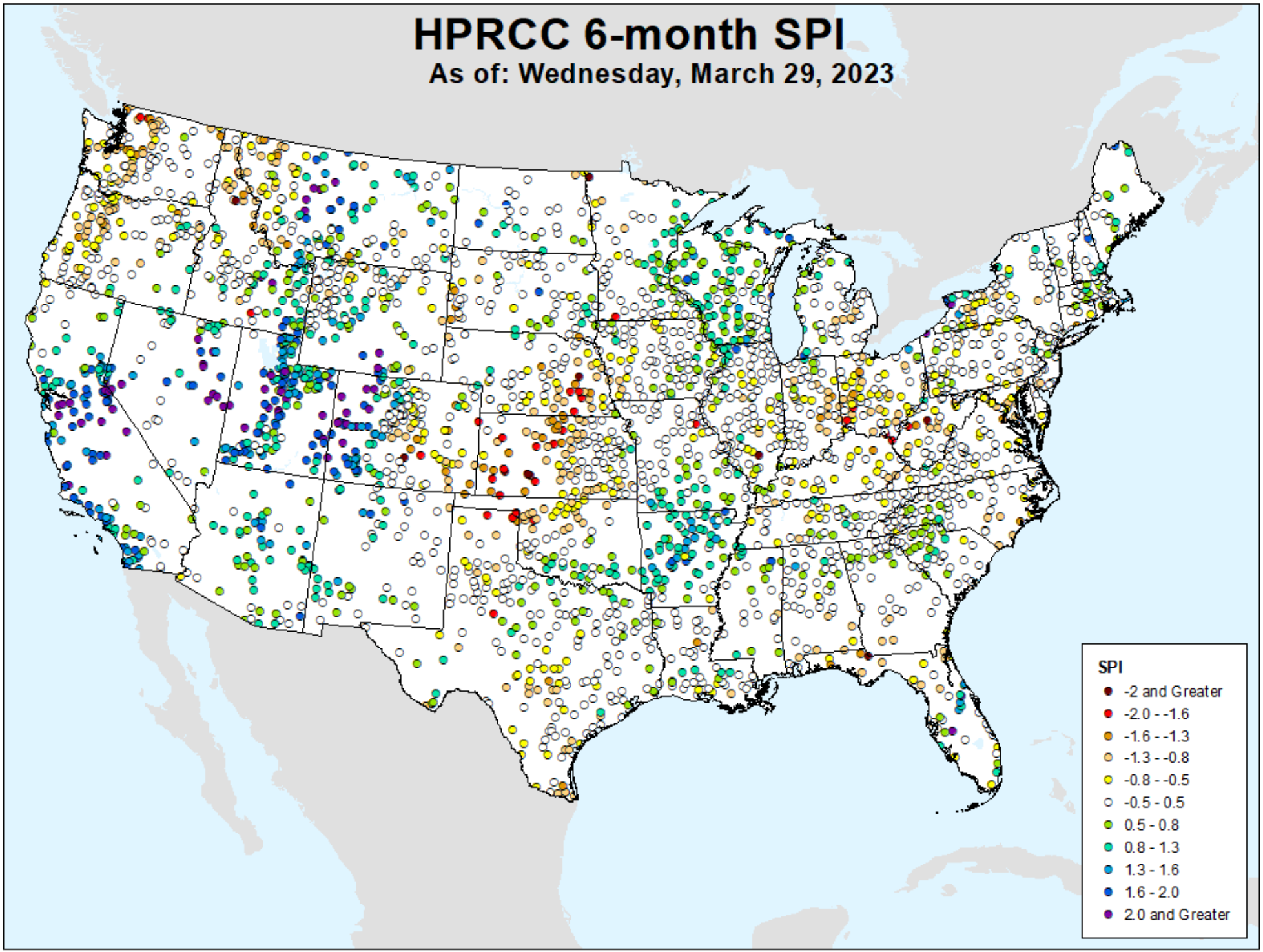
HPRCC 6-month SPI

As of: Wednesday, March 29, 2023



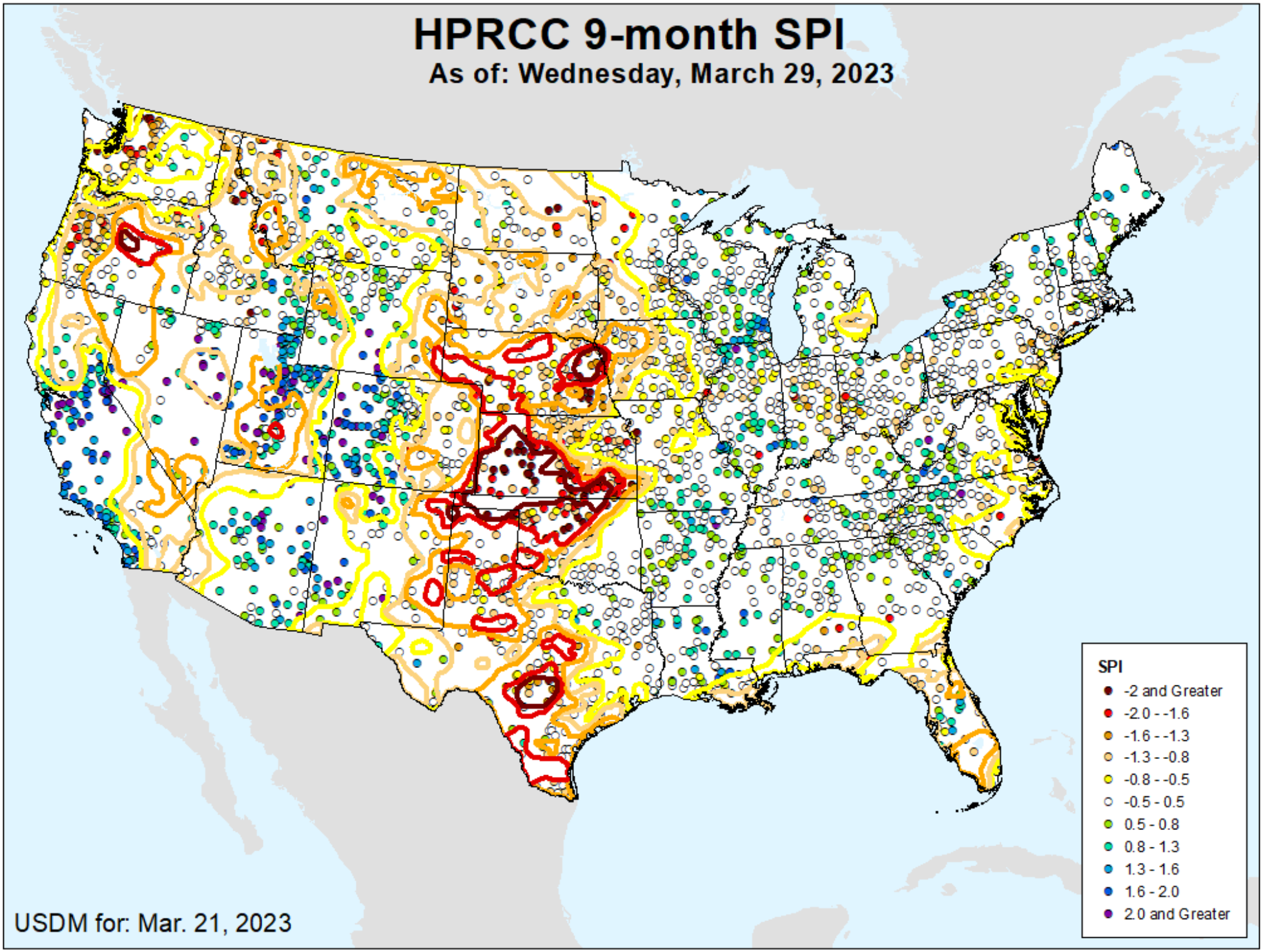
HPRCC 6-month SPI

As of: Wednesday, March 29, 2023



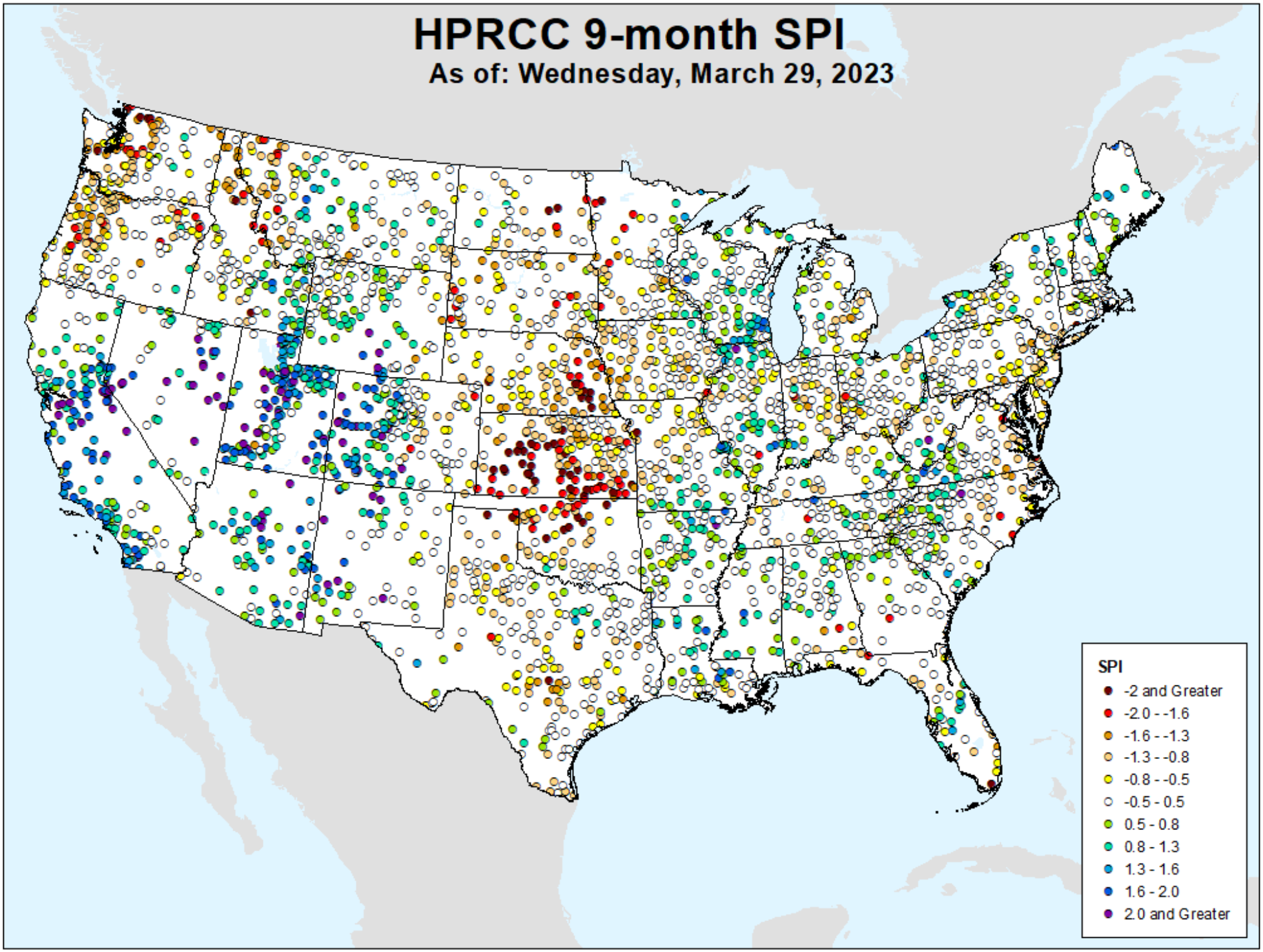
HPRCC 9-month SPI

As of: Wednesday, March 29, 2023



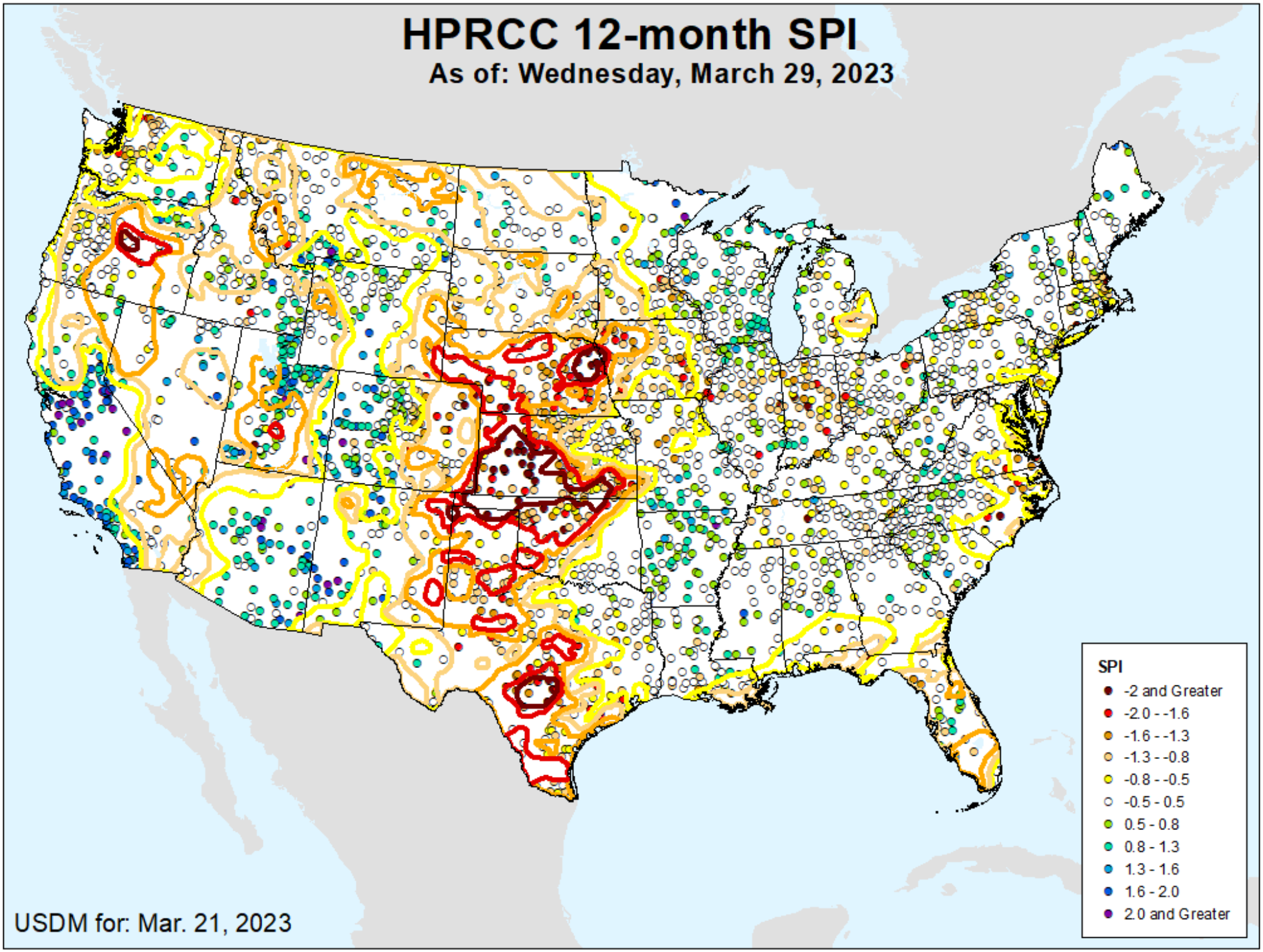
HPRCC 9-month SPI

As of: Wednesday, March 29, 2023



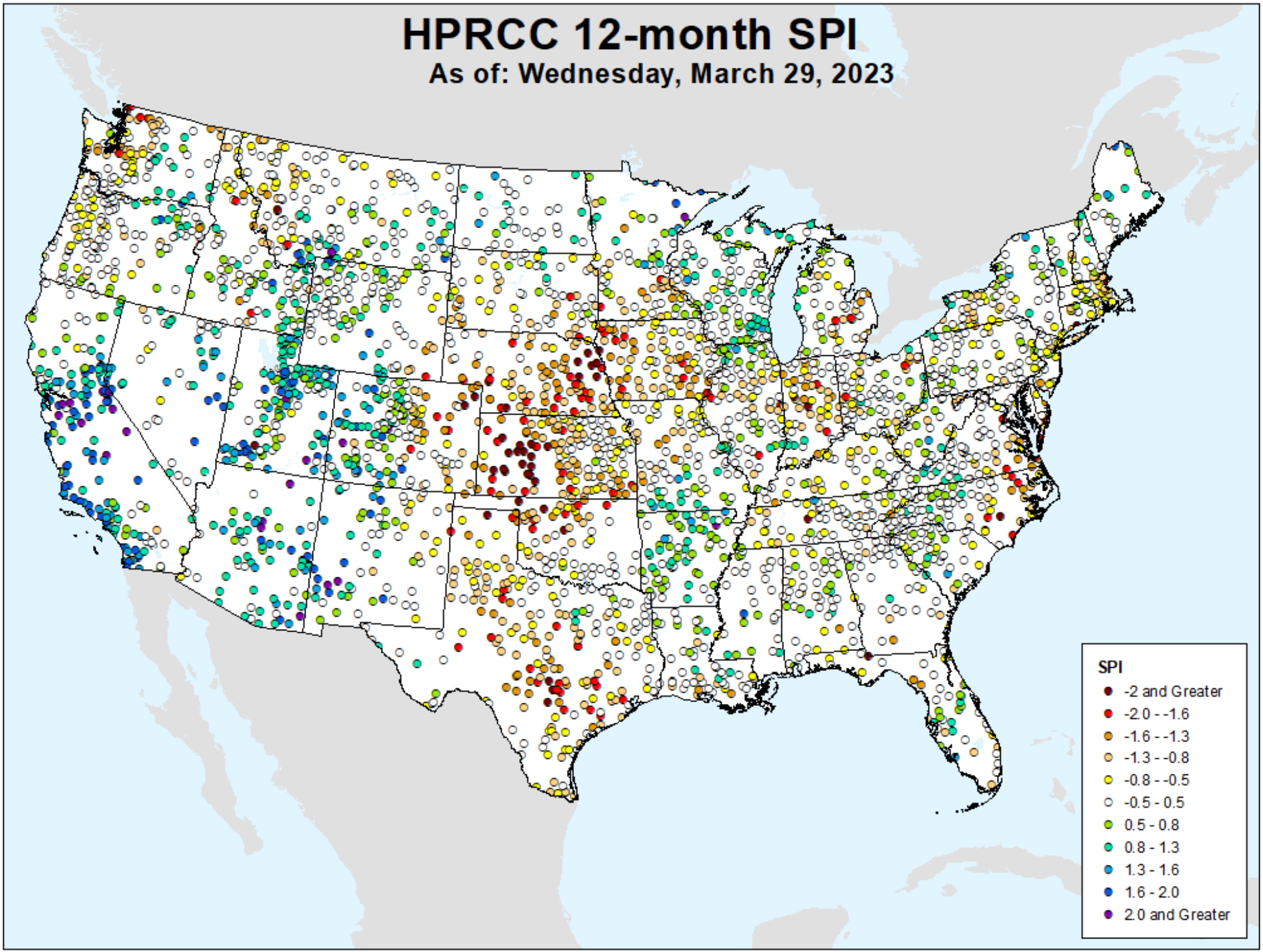
HPRCC 12-month SPI

As of: Wednesday, March 29, 2023



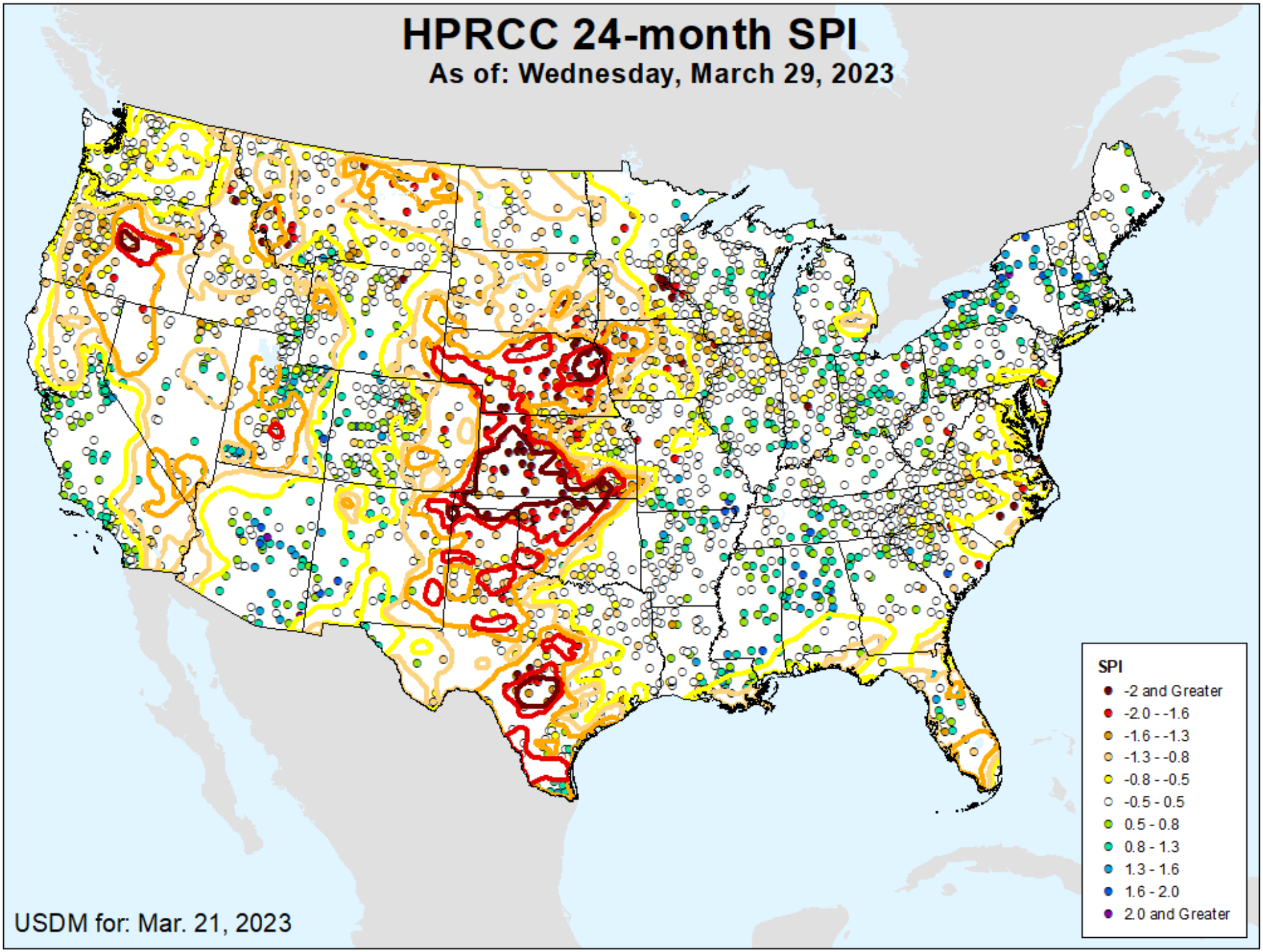
HPRCC 12-month SPI

As of: Wednesday, March 29, 2023



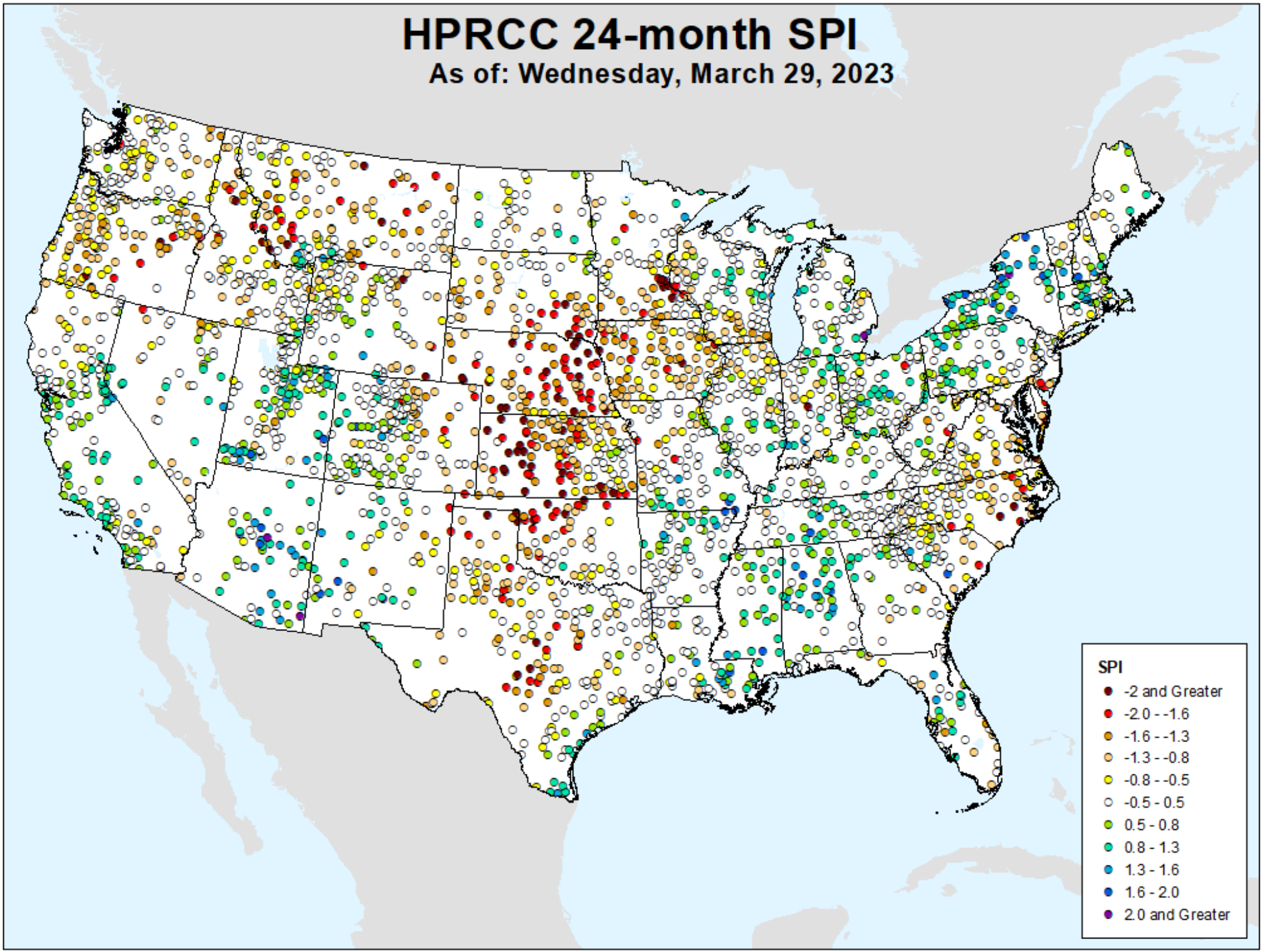
HPRCC 24-month SPI

As of: Wednesday, March 29, 2023



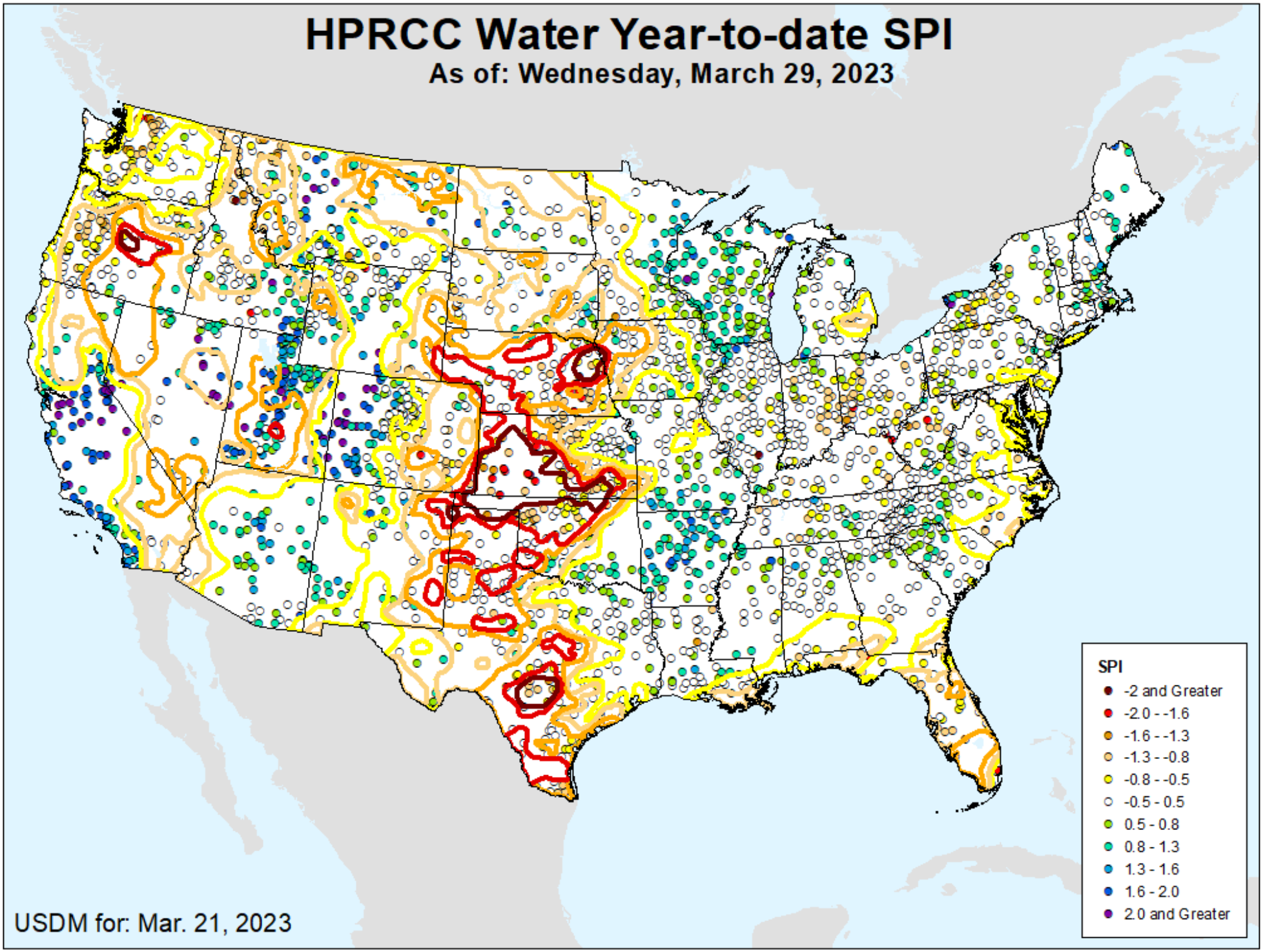
HPRCC 24-month SPI

As of: Wednesday, March 29, 2023



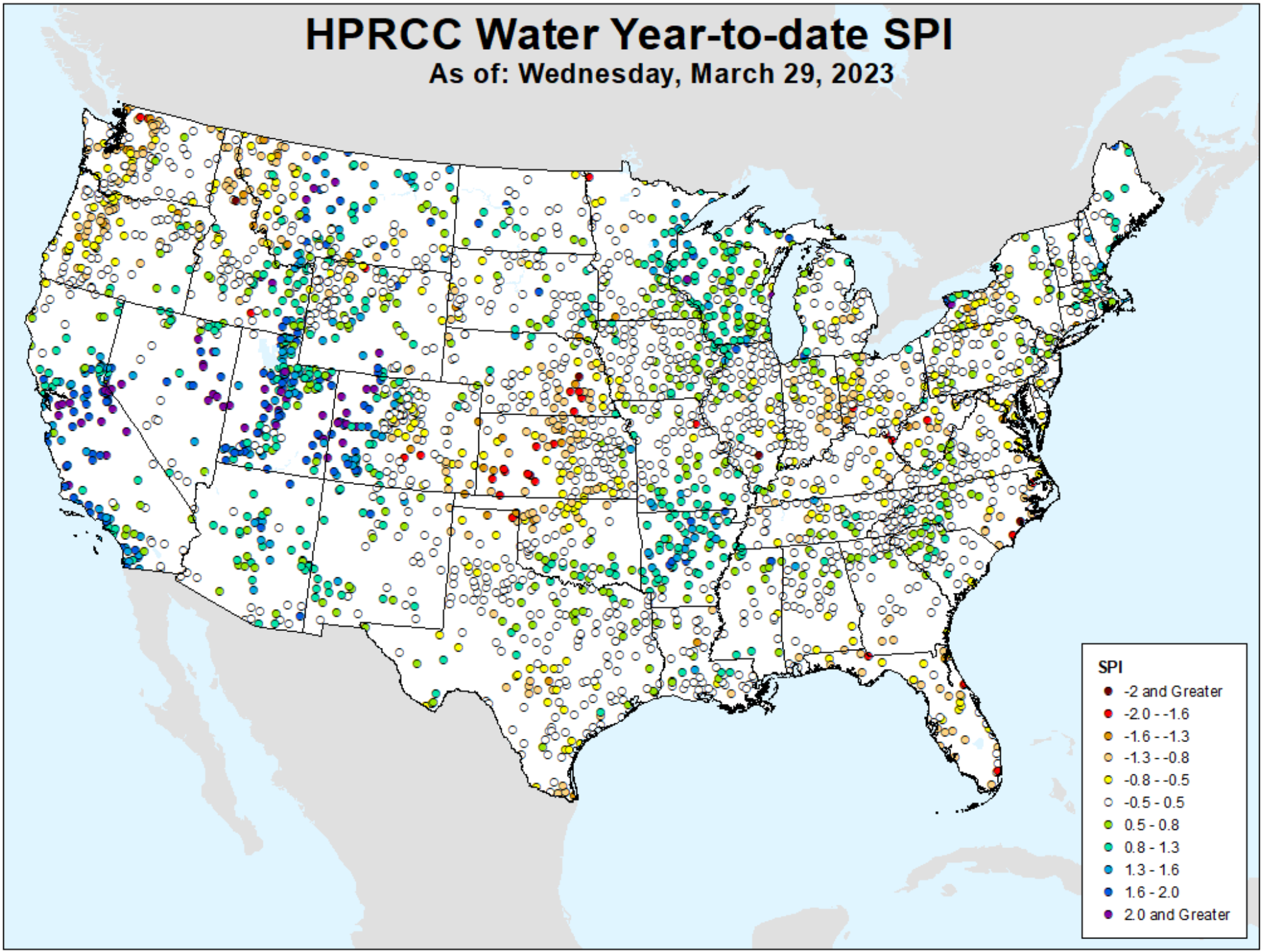
HPRCC Water Year-to-date SPI

As of: Wednesday, March 29, 2023



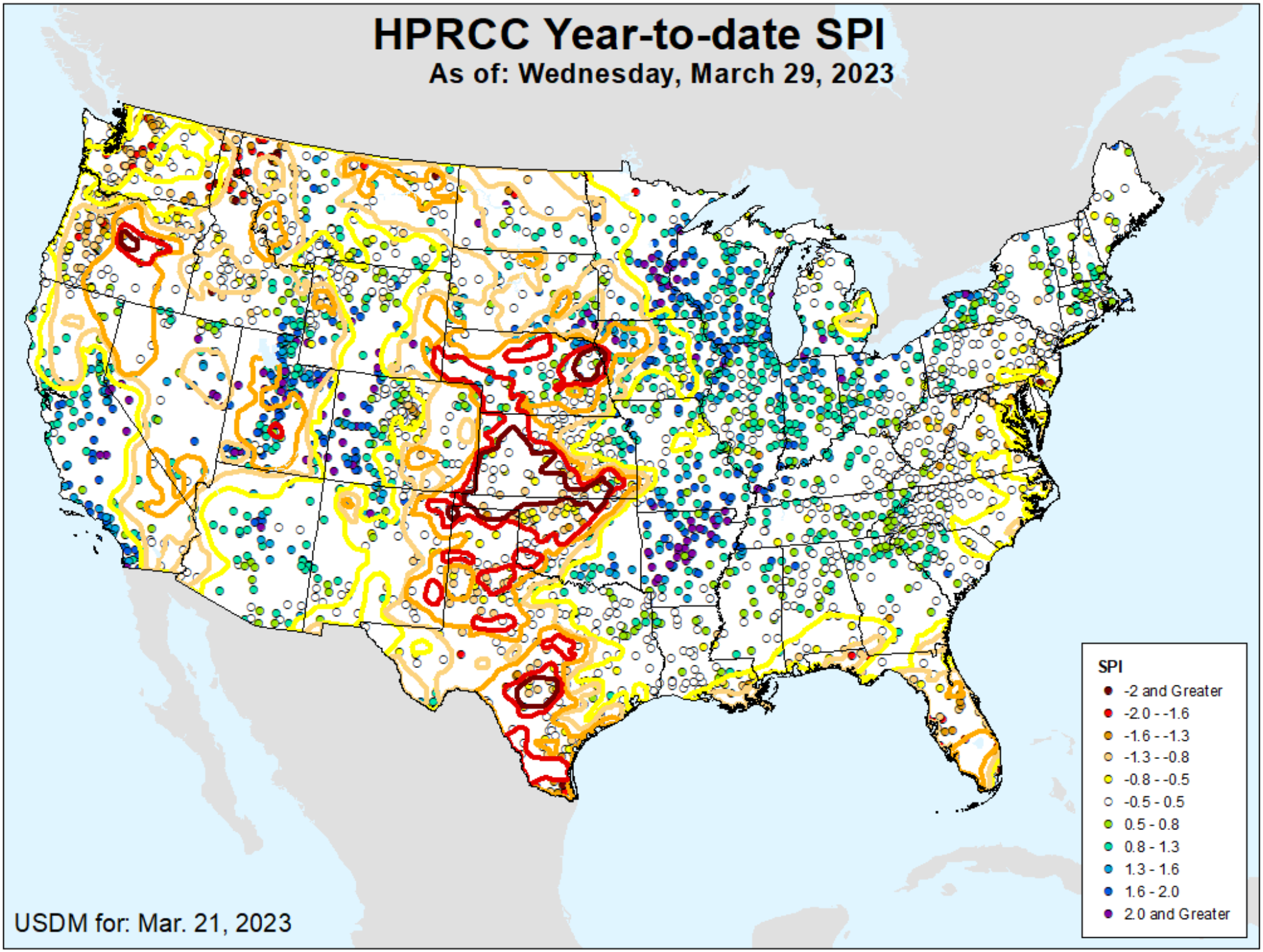
HPRCC Water Year-to-date SPI

As of: Wednesday, March 29, 2023



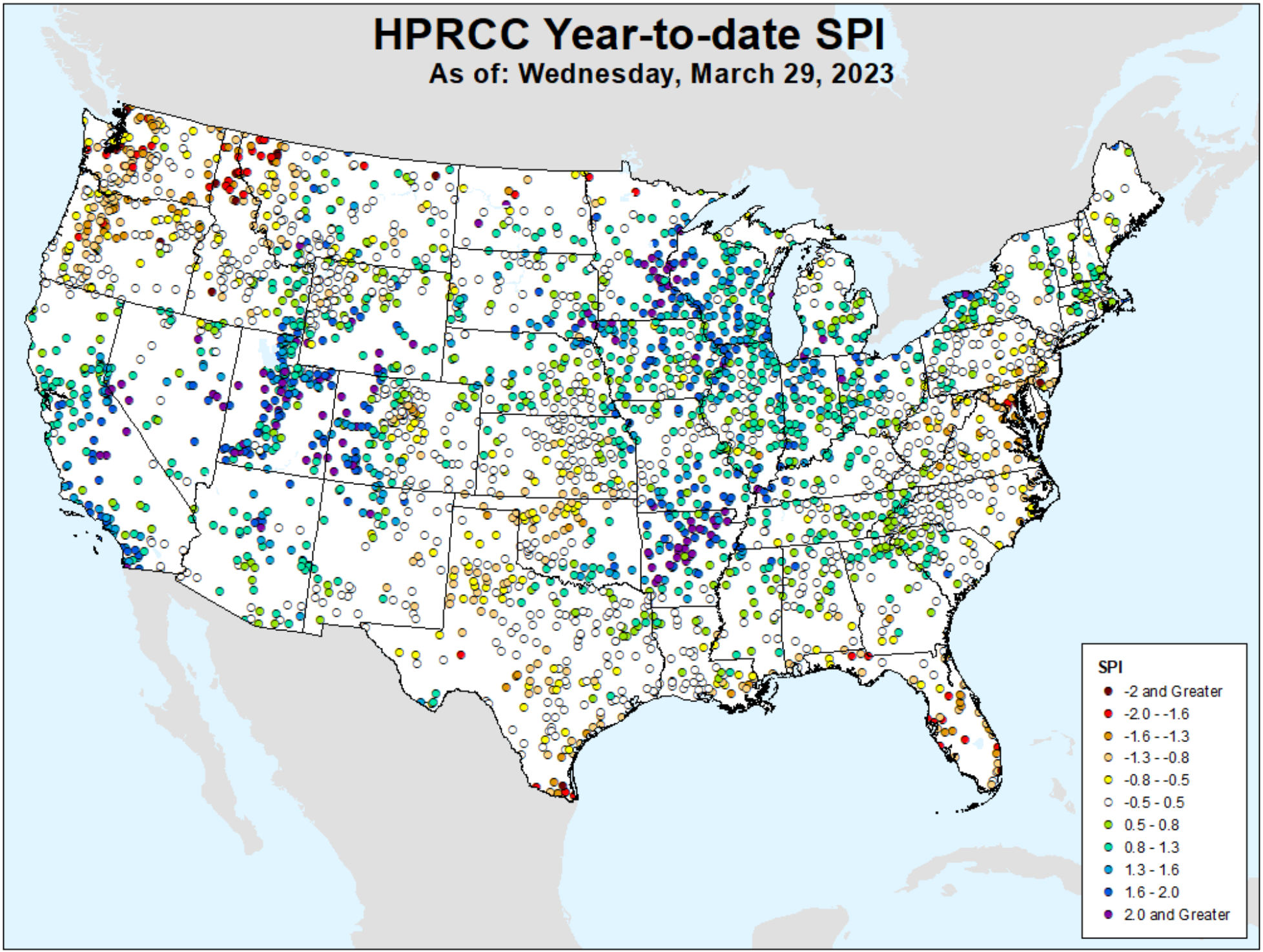
HPRCC Year-to-date SPI

As of: Wednesday, March 29, 2023



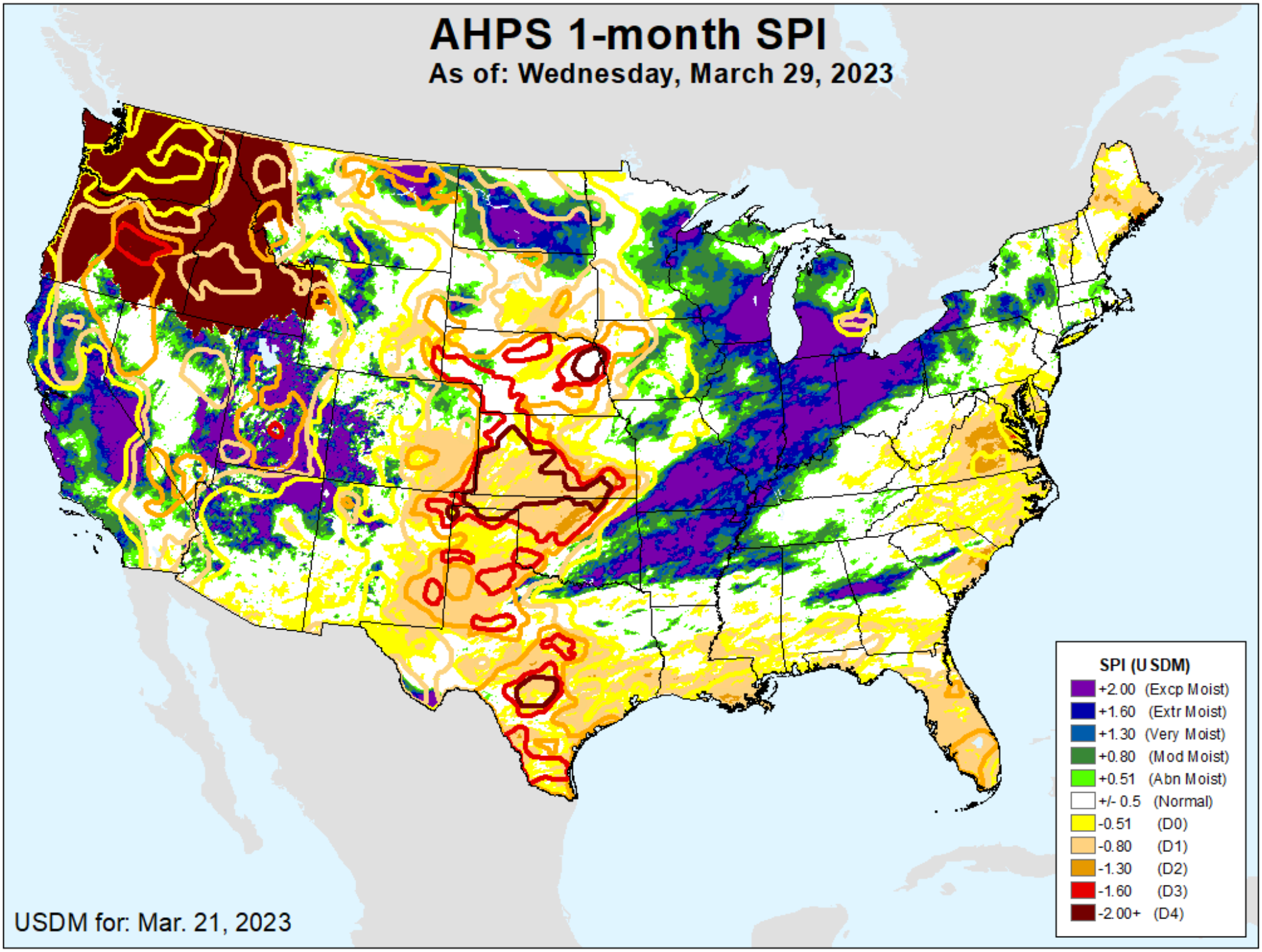
HPRCC Year-to-date SPI

As of: Wednesday, March 29, 2023



AHPS 1-month SPI

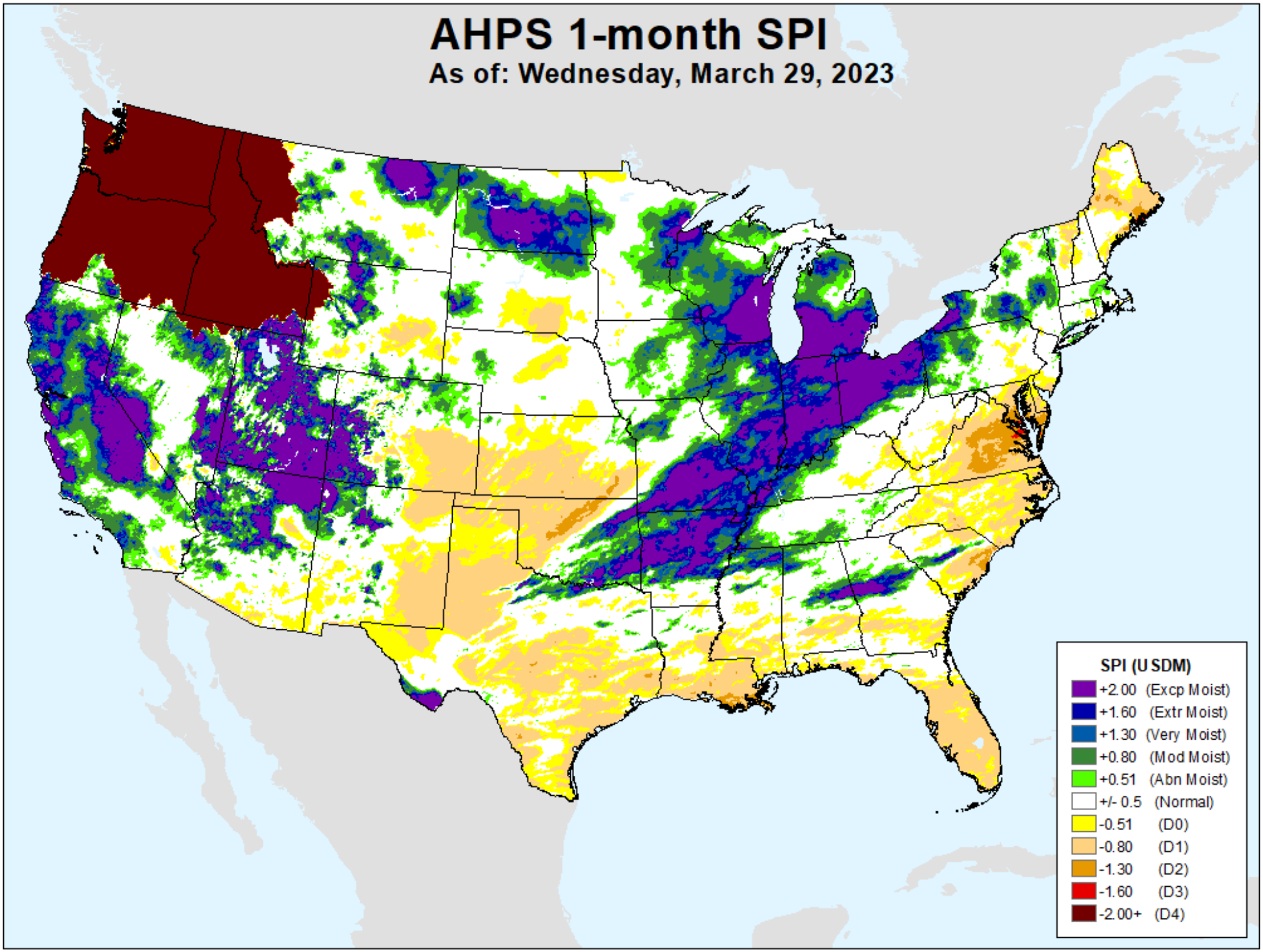
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

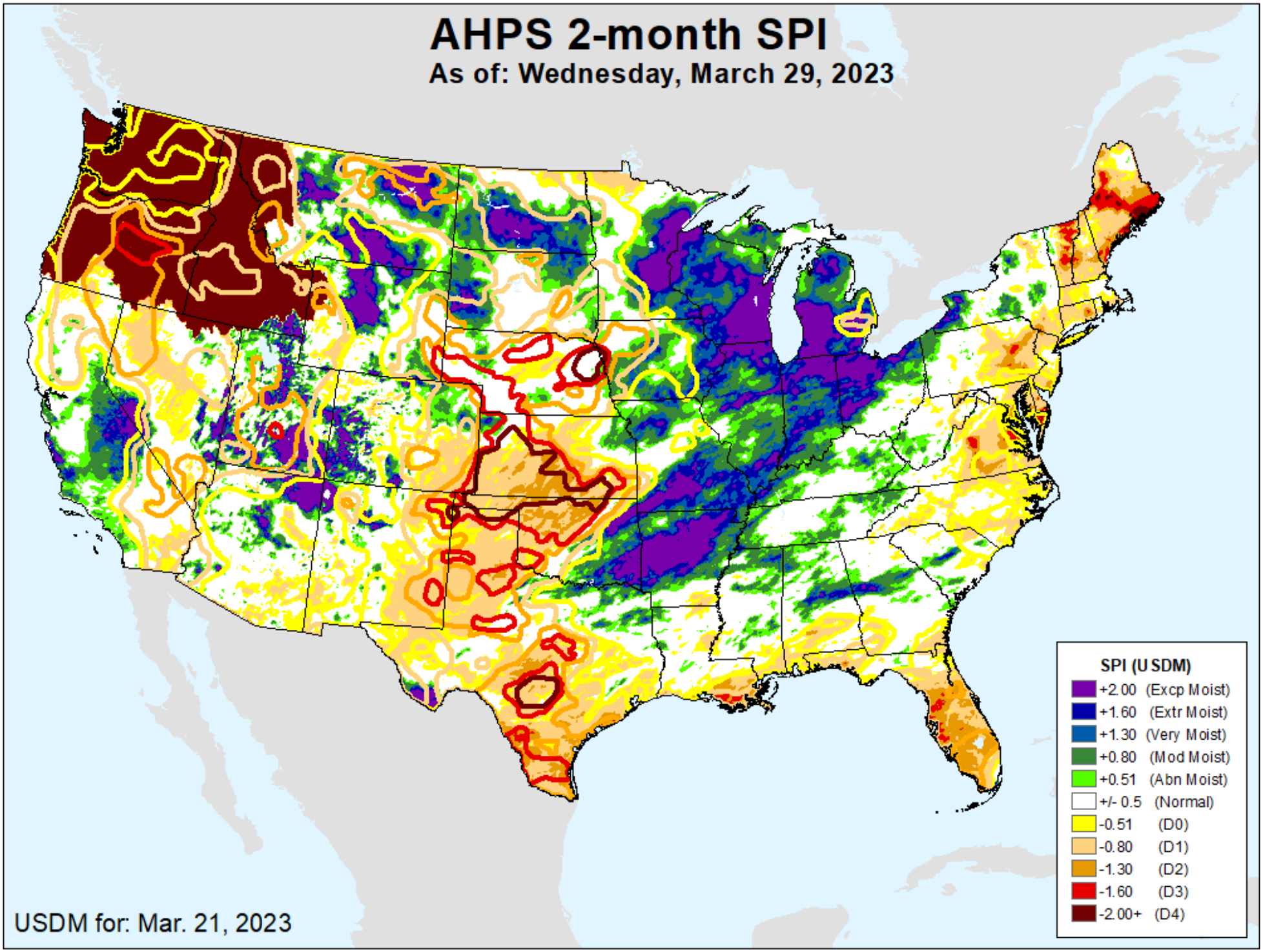
AHPS 1-month SPI

As of: Wednesday, March 29, 2023



AHPS 2-month SPI

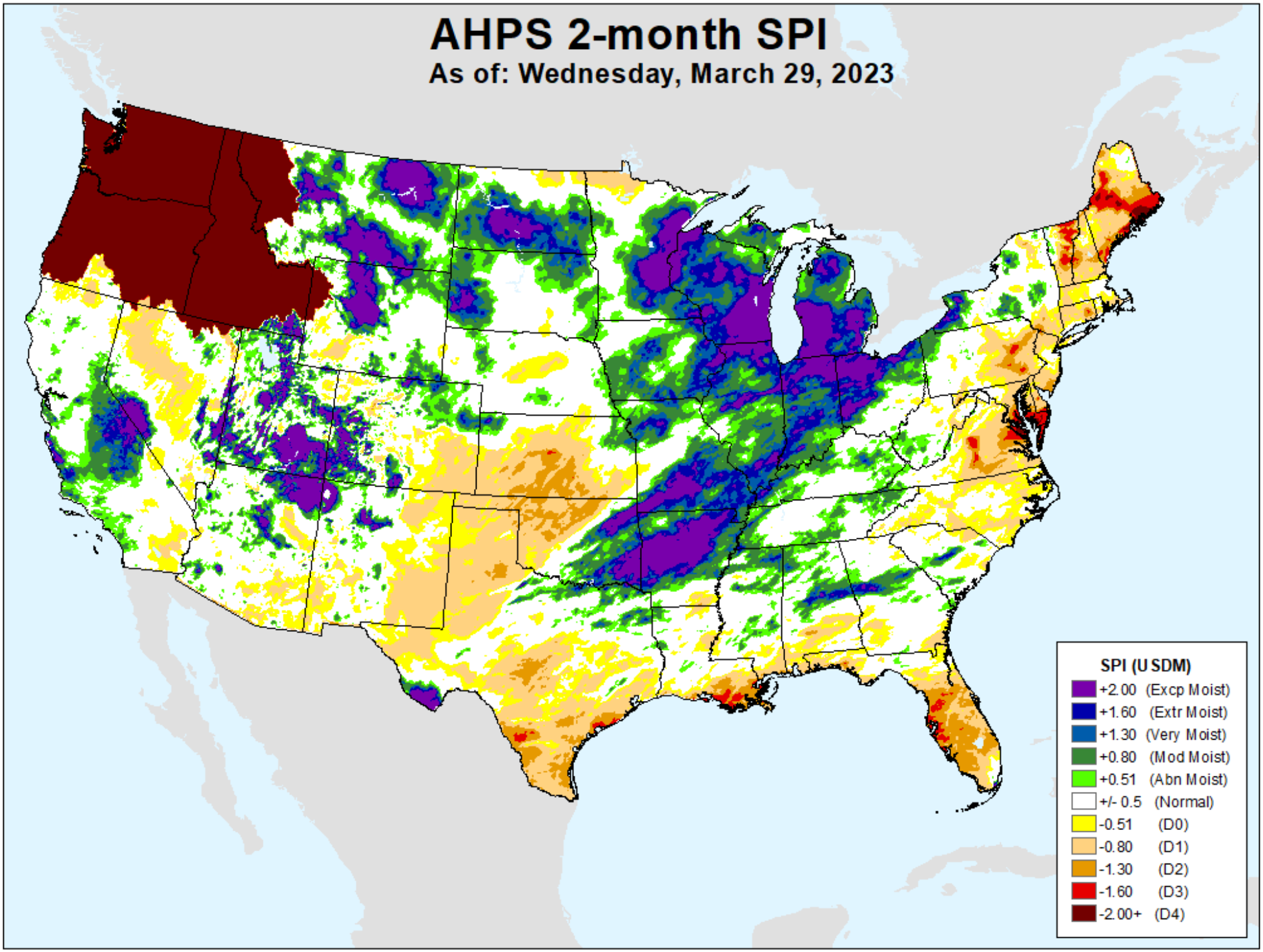
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

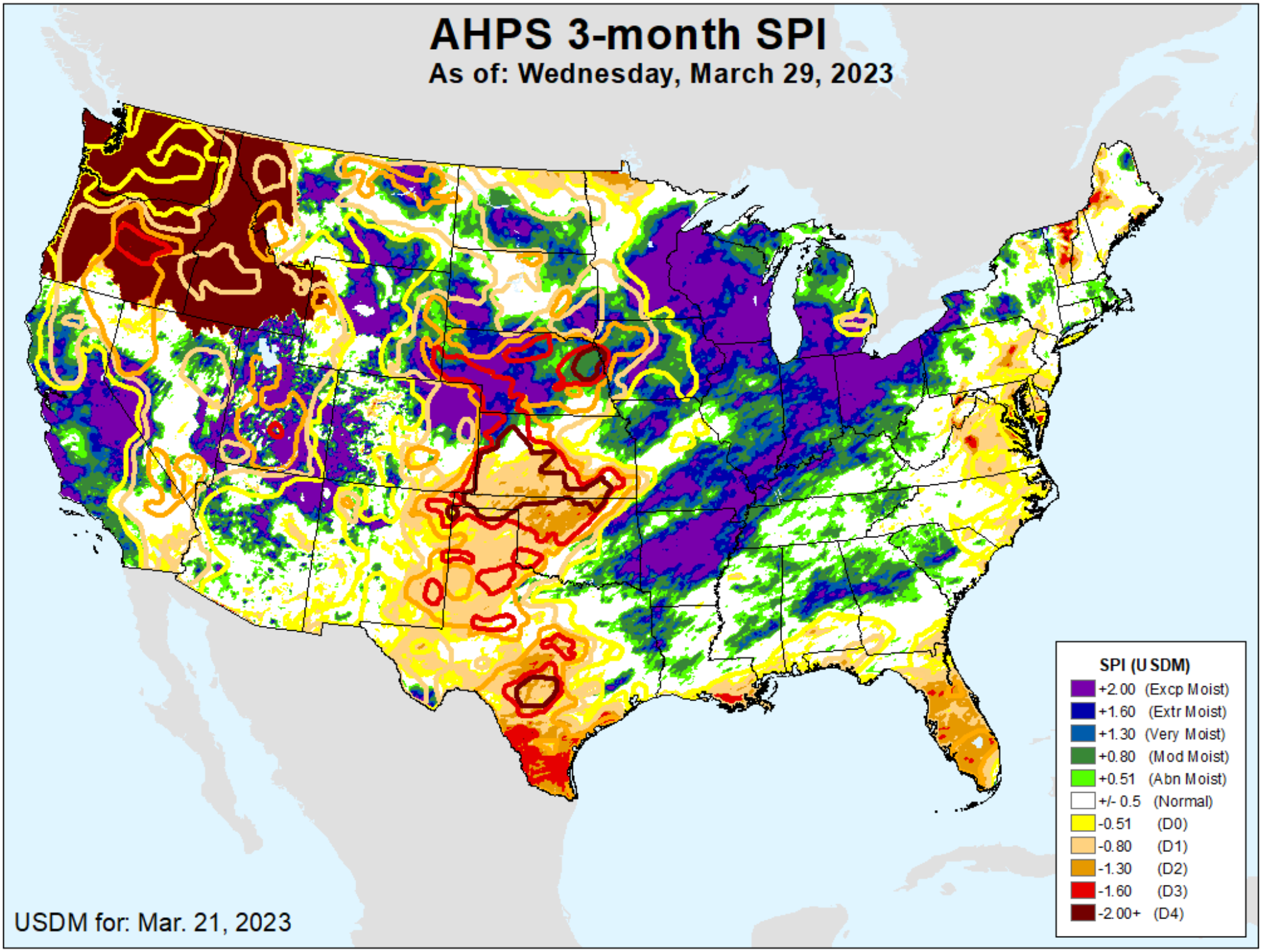
AHPS 2-month SPI

As of: Wednesday, March 29, 2023



AHPS 3-month SPI

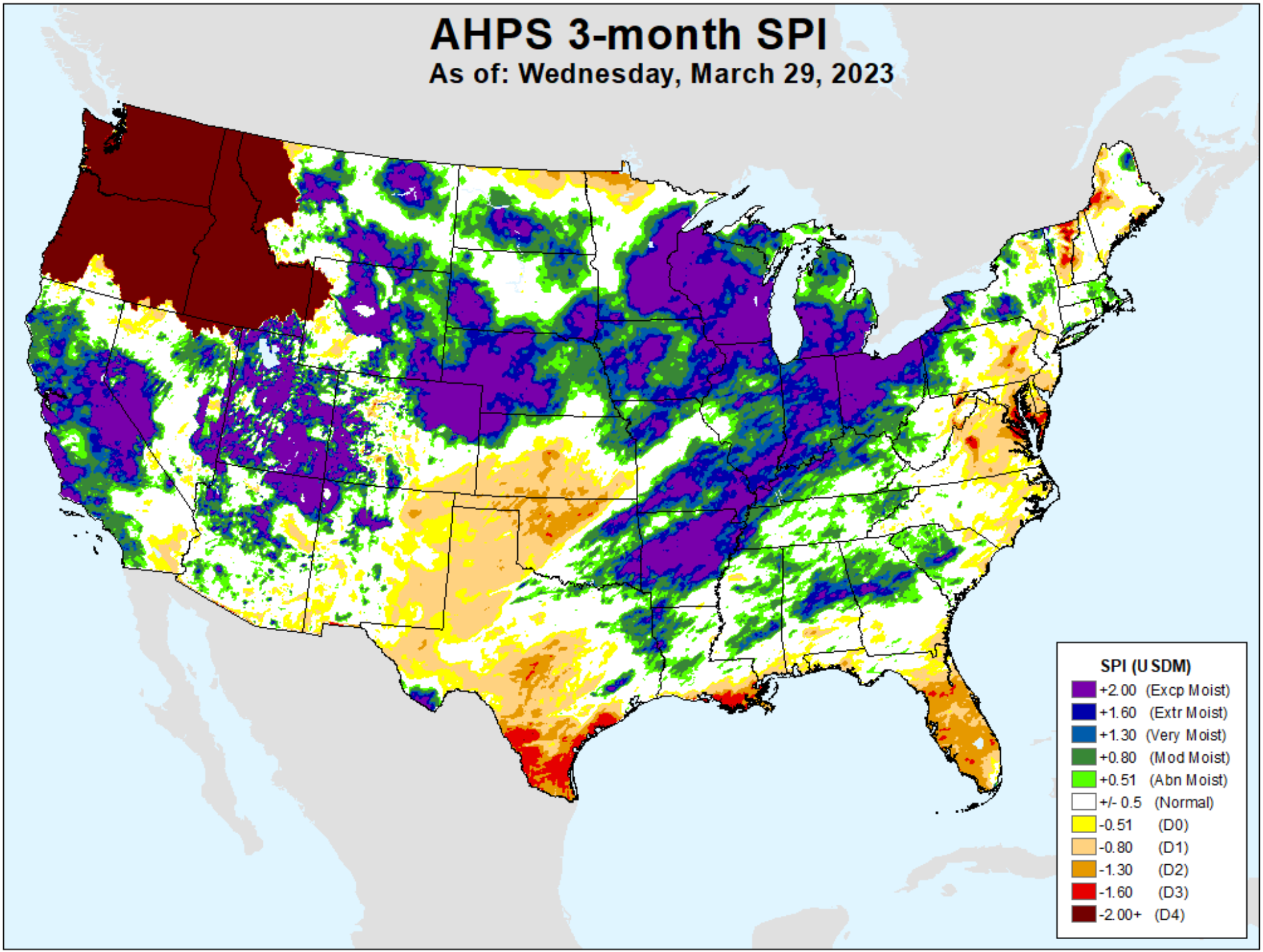
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

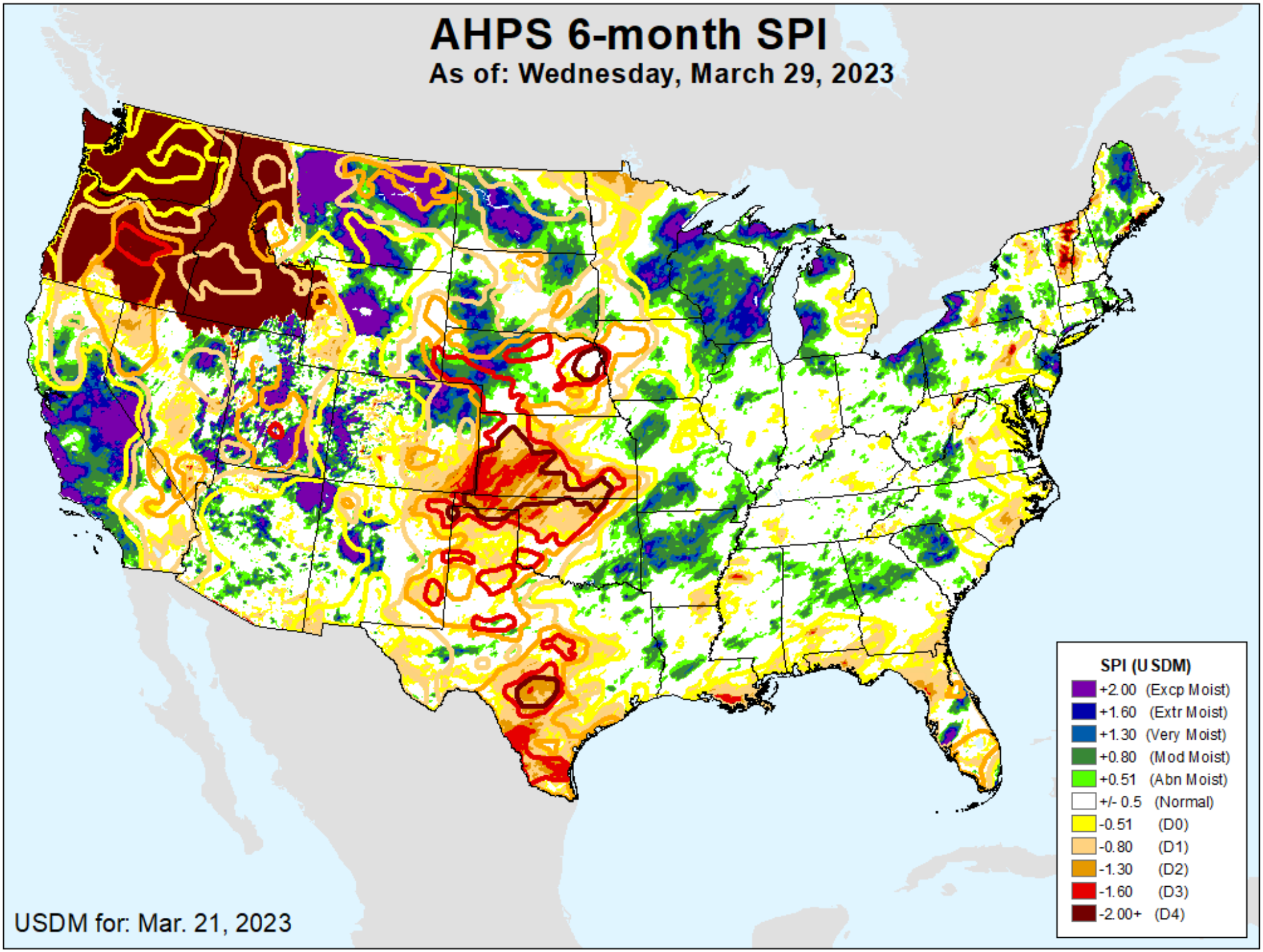
AHPS 3-month SPI

As of: Wednesday, March 29, 2023



AHPS 6-month SPI

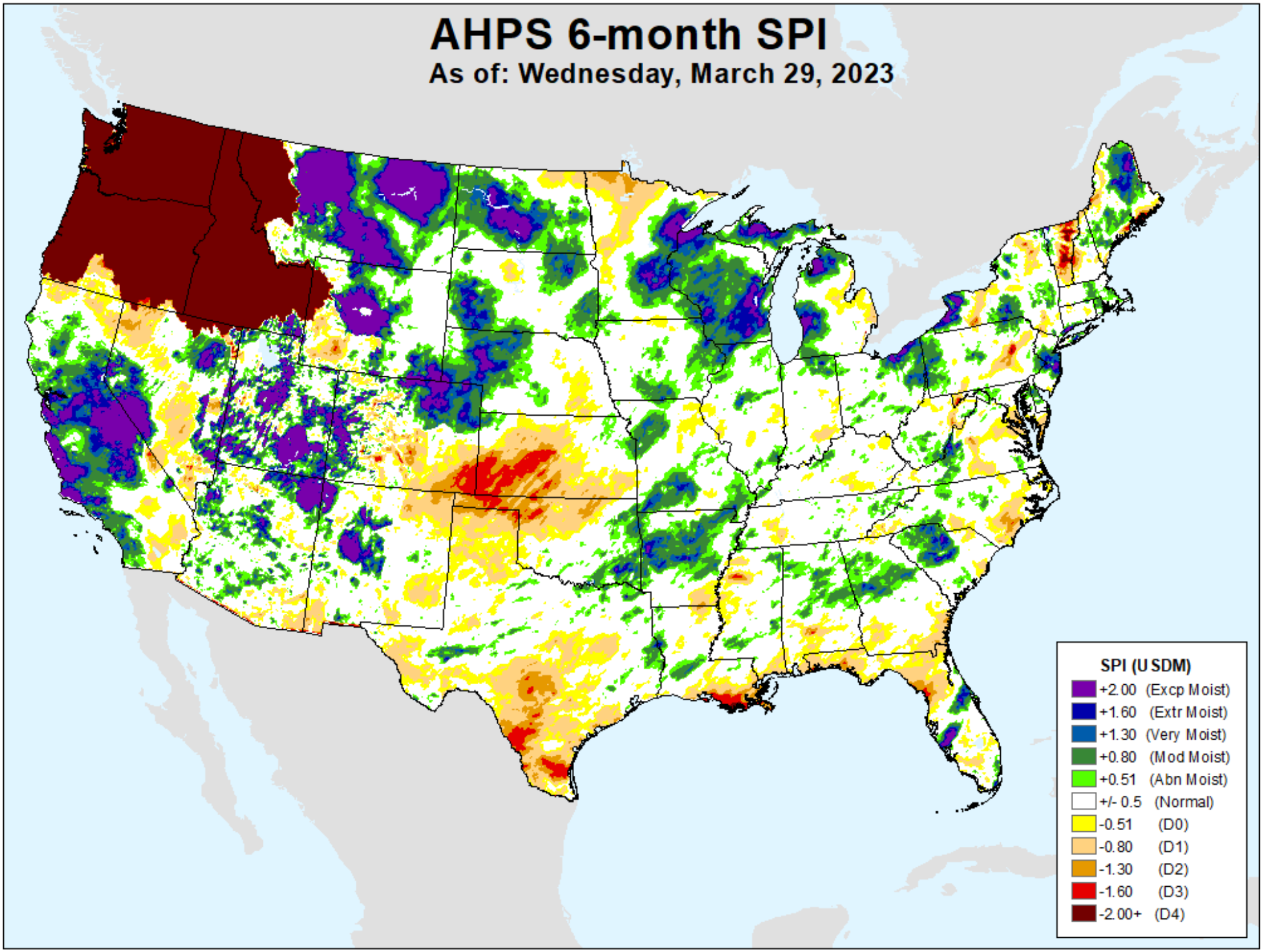
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

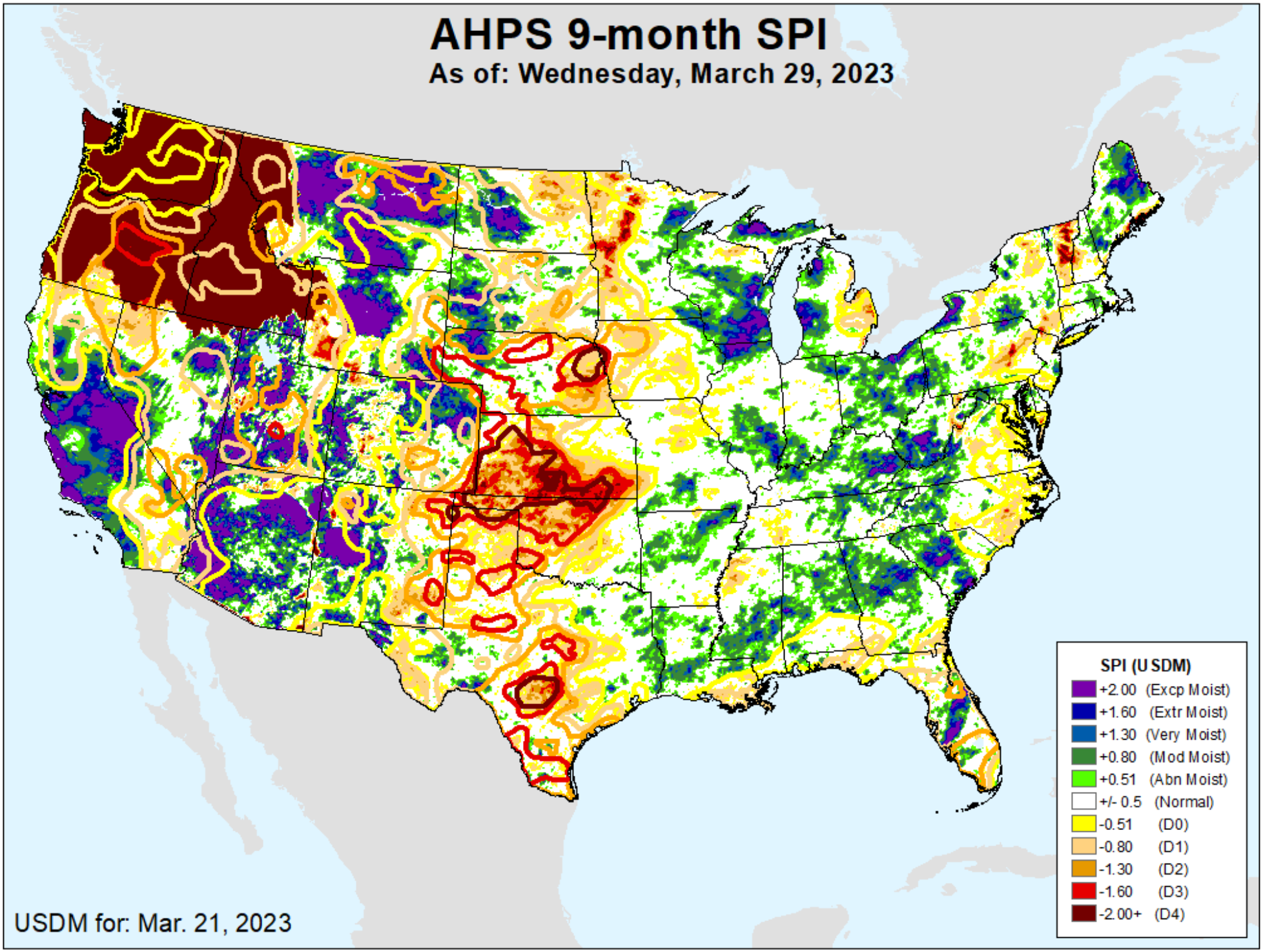
AHPS 6-month SPI

As of: Wednesday, March 29, 2023



AHPS 9-month SPI

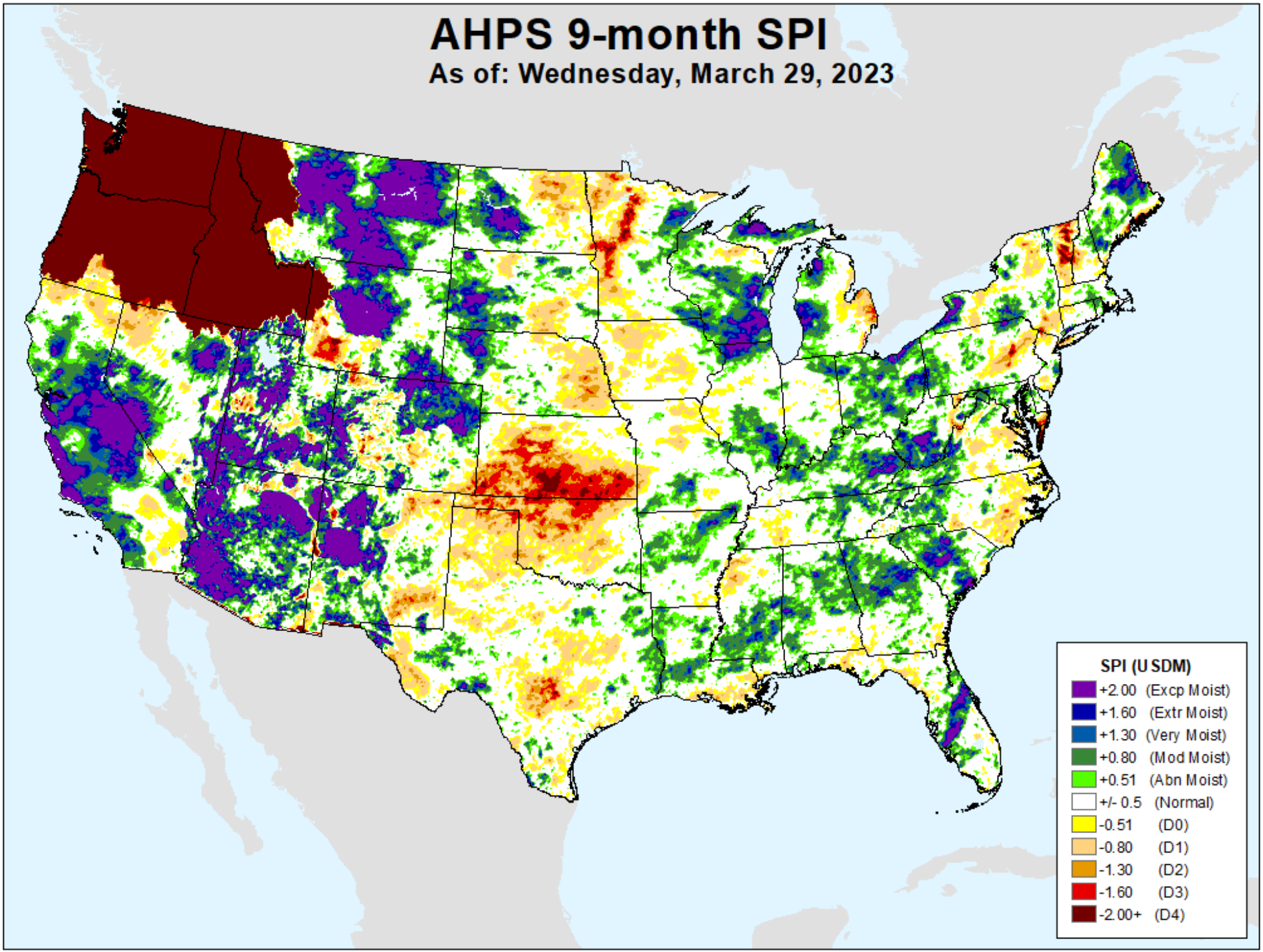
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

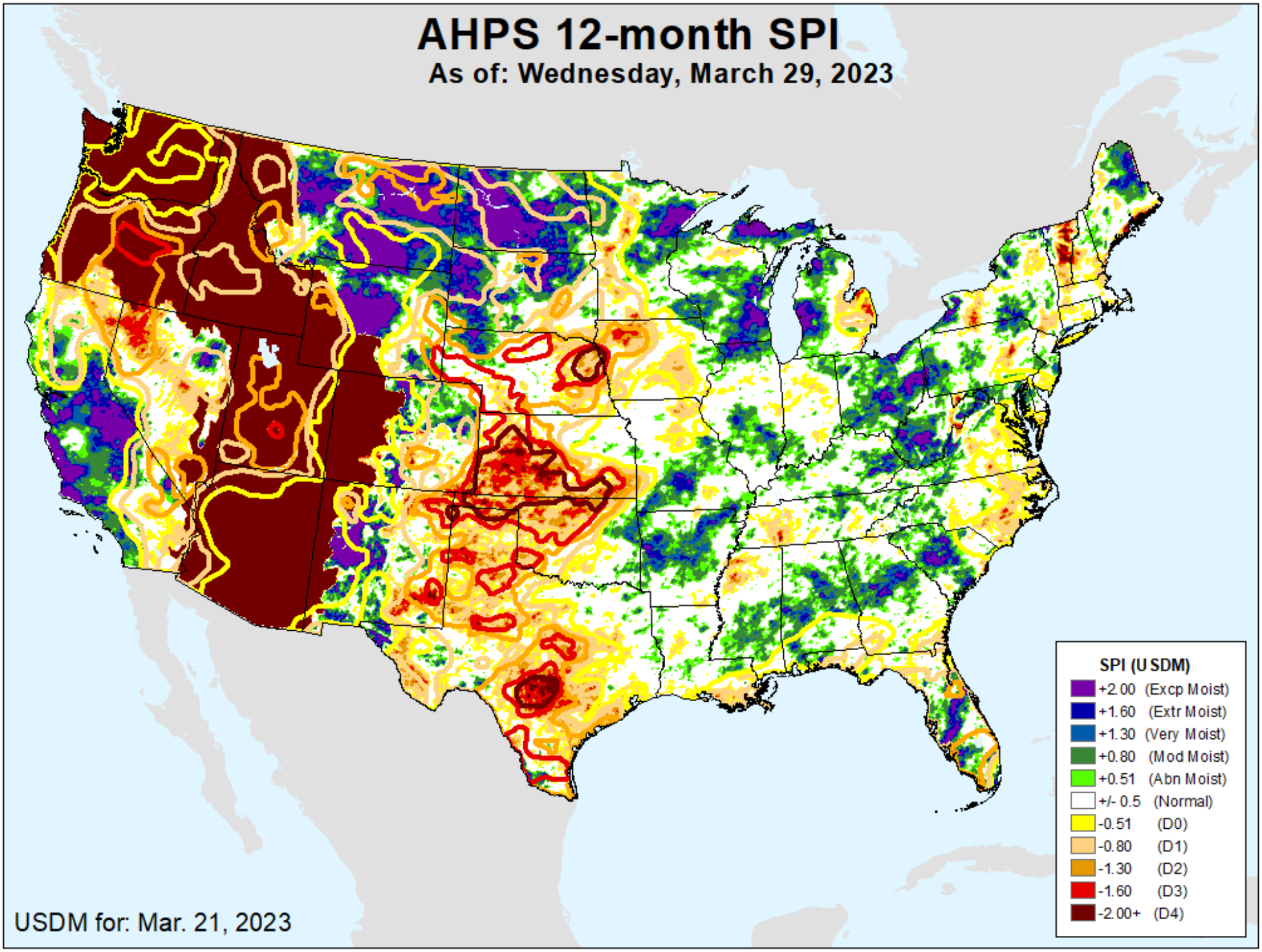
AHPS 9-month SPI

As of: Wednesday, March 29, 2023



AHPS 12-month SPI

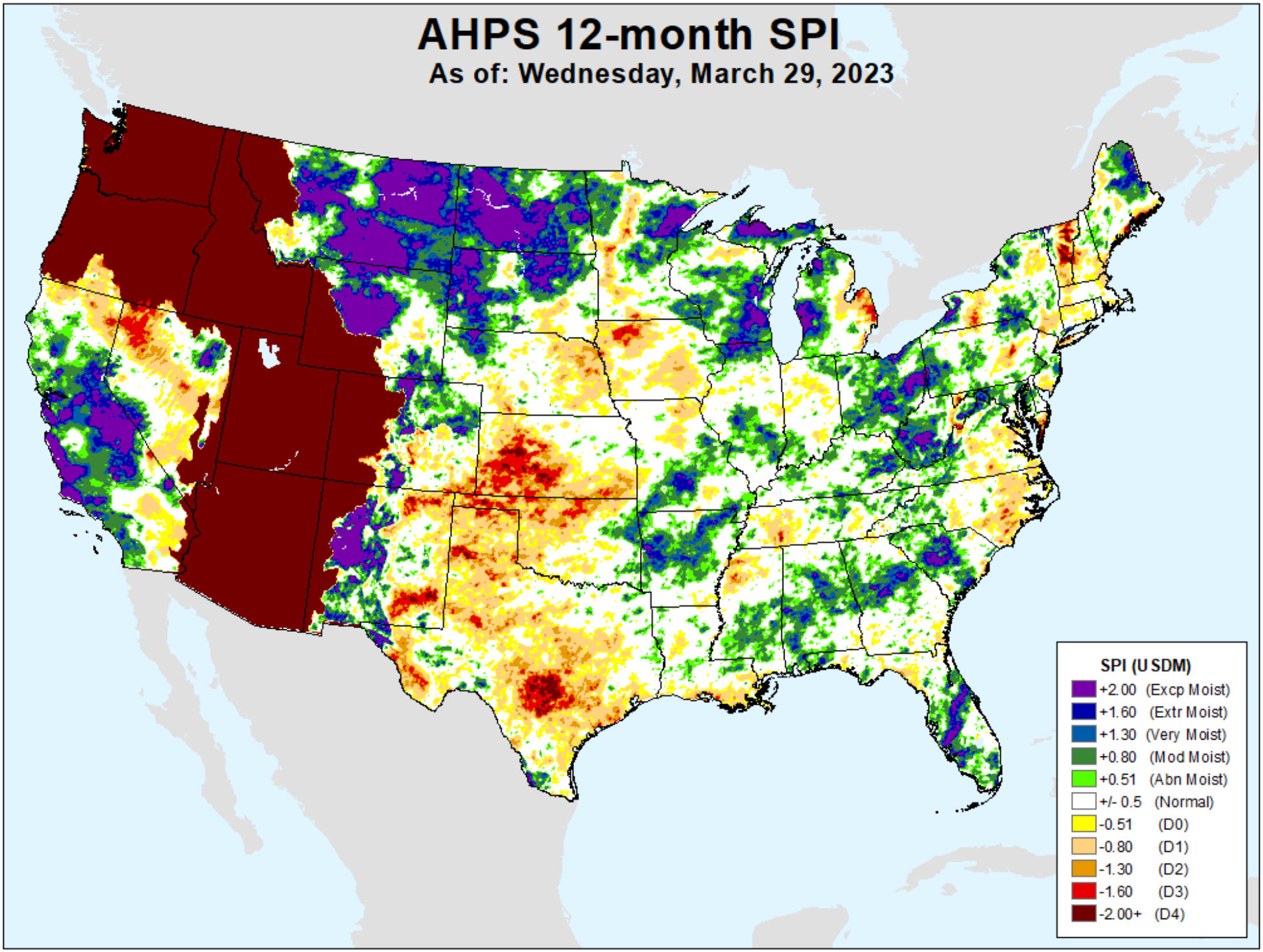
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

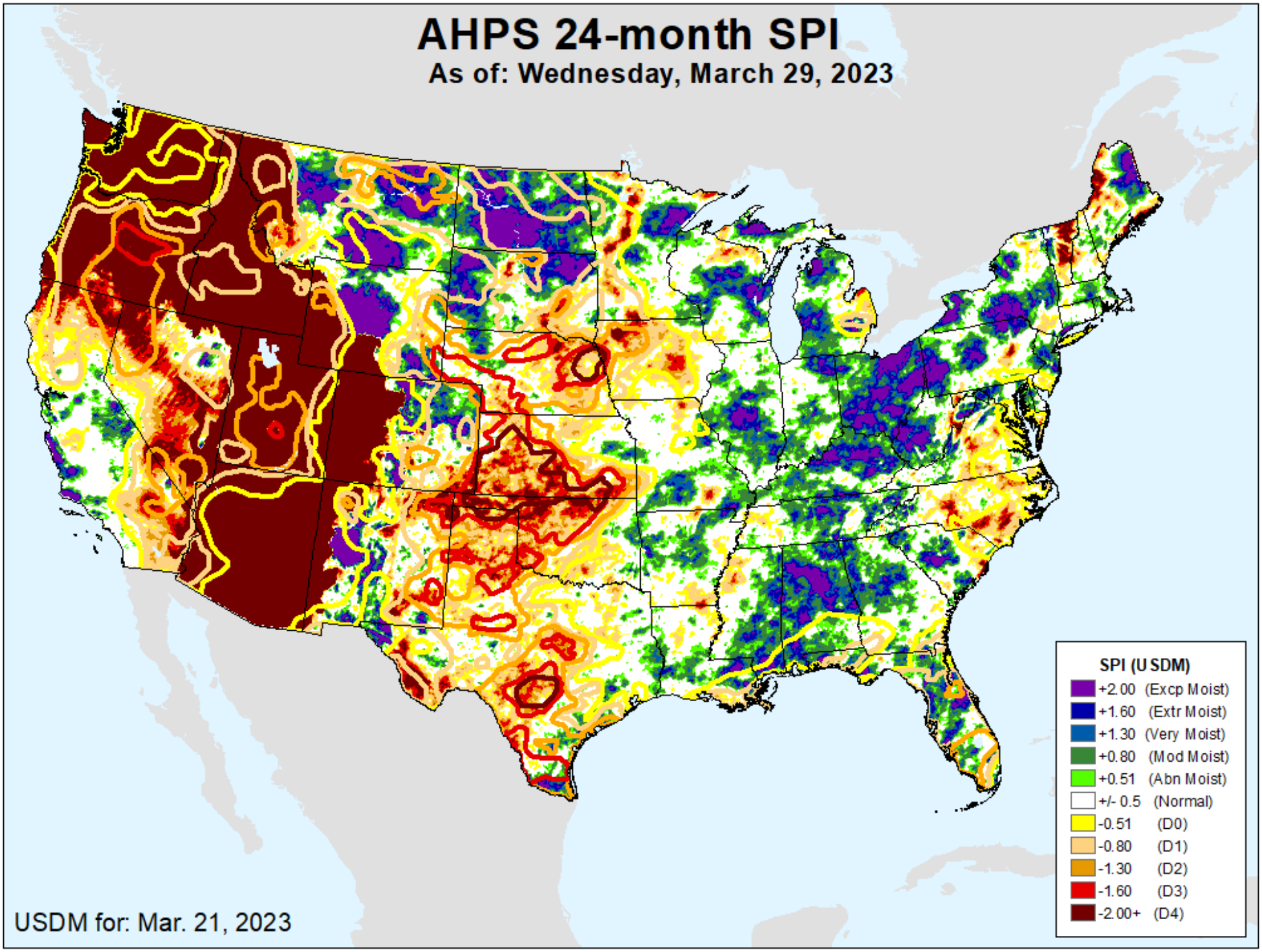
AHPS 12-month SPI

As of: Wednesday, March 29, 2023



AHPS 24-month SPI

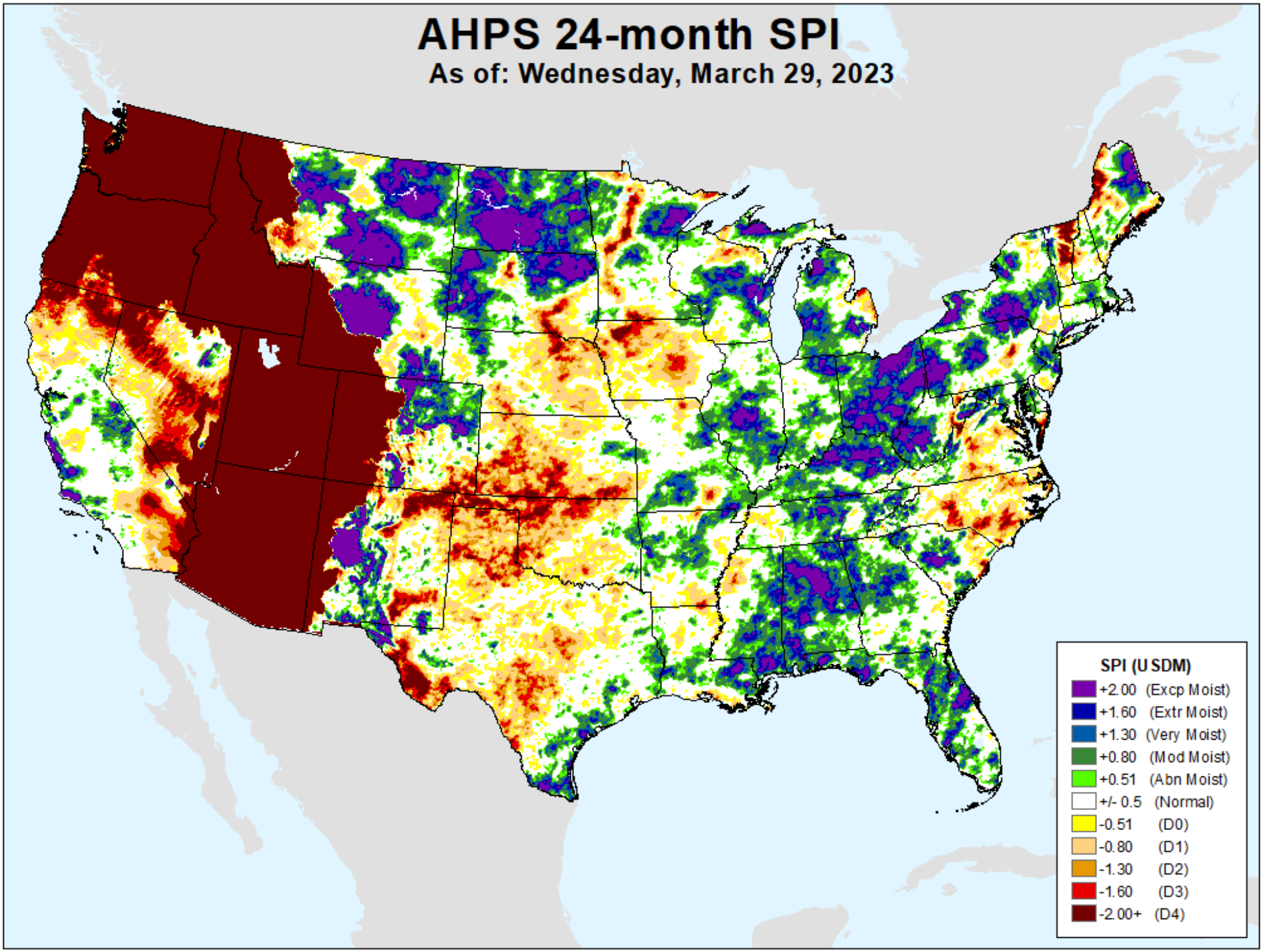
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

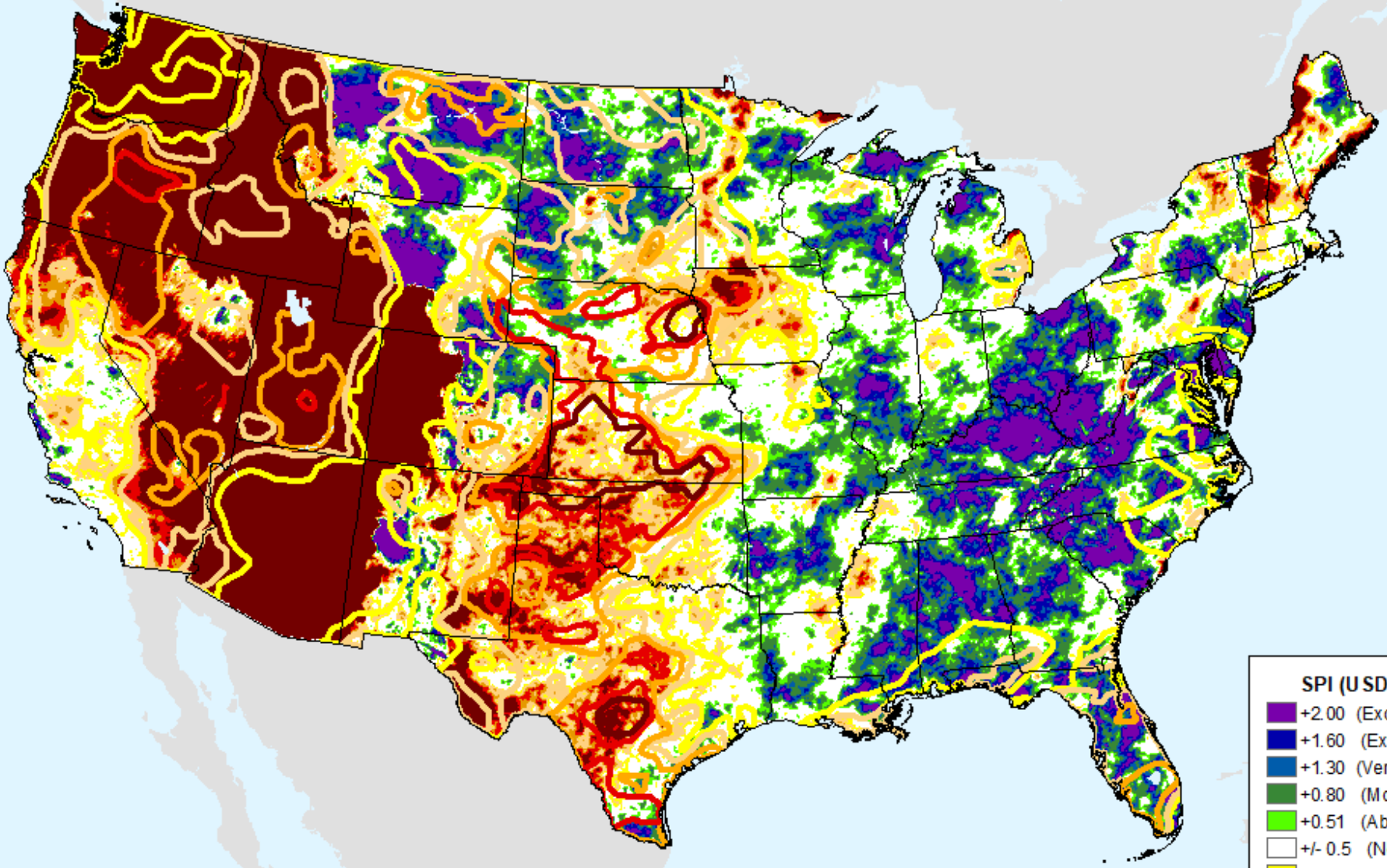
AHPS 24-month SPI

As of: Wednesday, March 29, 2023



AHPS 36-month SPI

As of: Wednesday, March 29, 2023



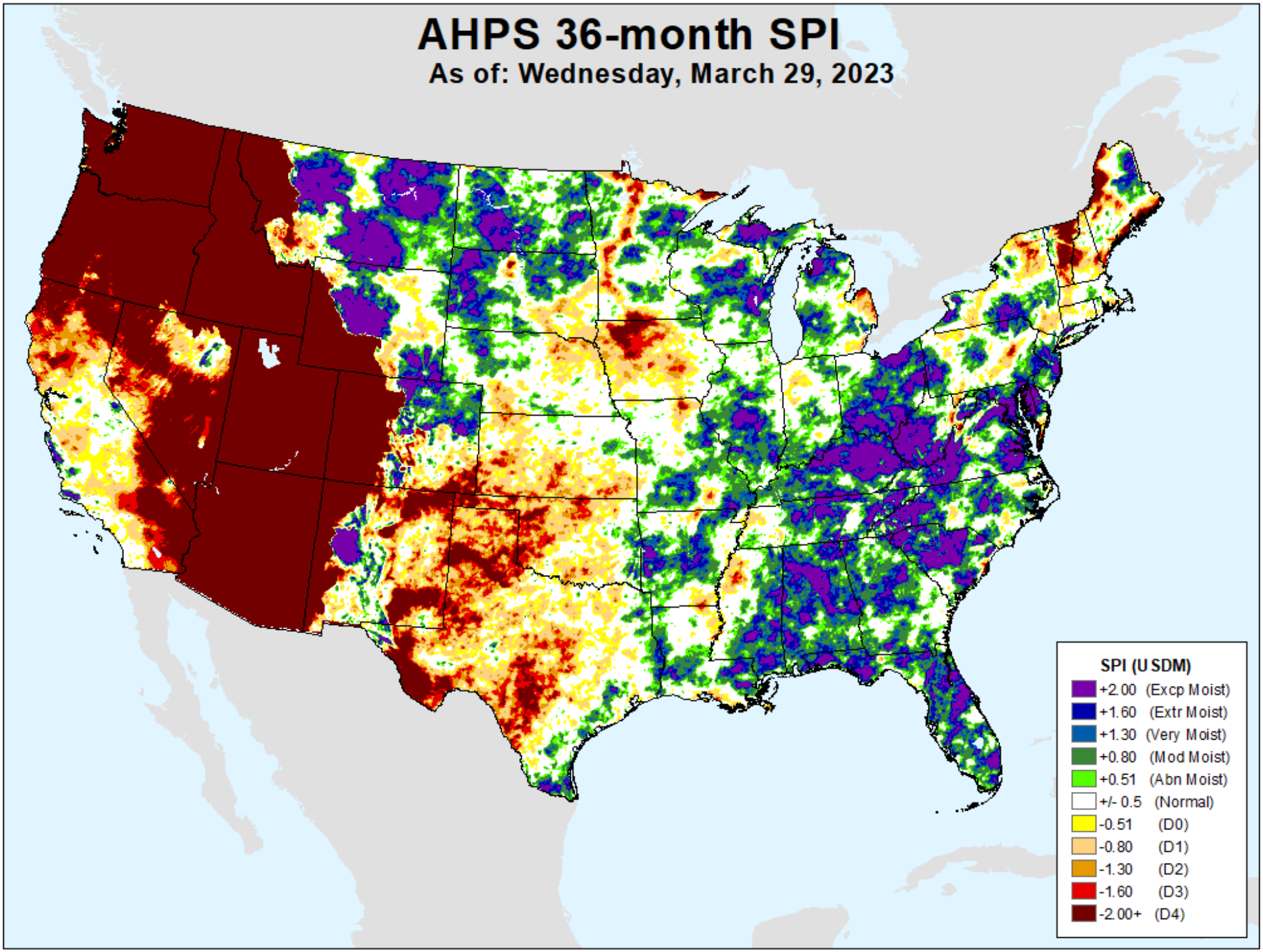
SPI (USDM)

+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: Mar. 21, 2023

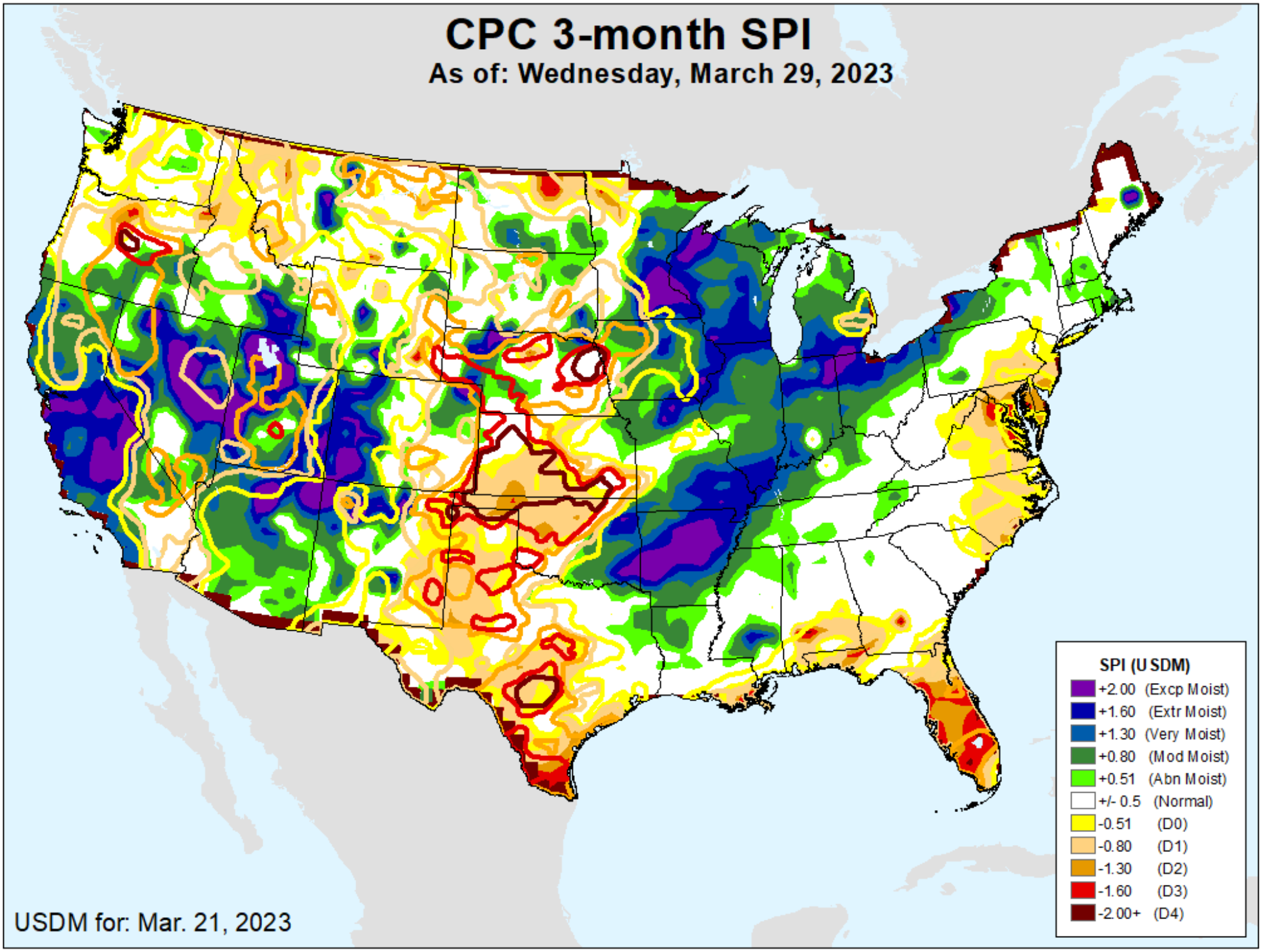
AHPS 36-month SPI

As of: Wednesday, March 29, 2023



CPC 3-month SPI

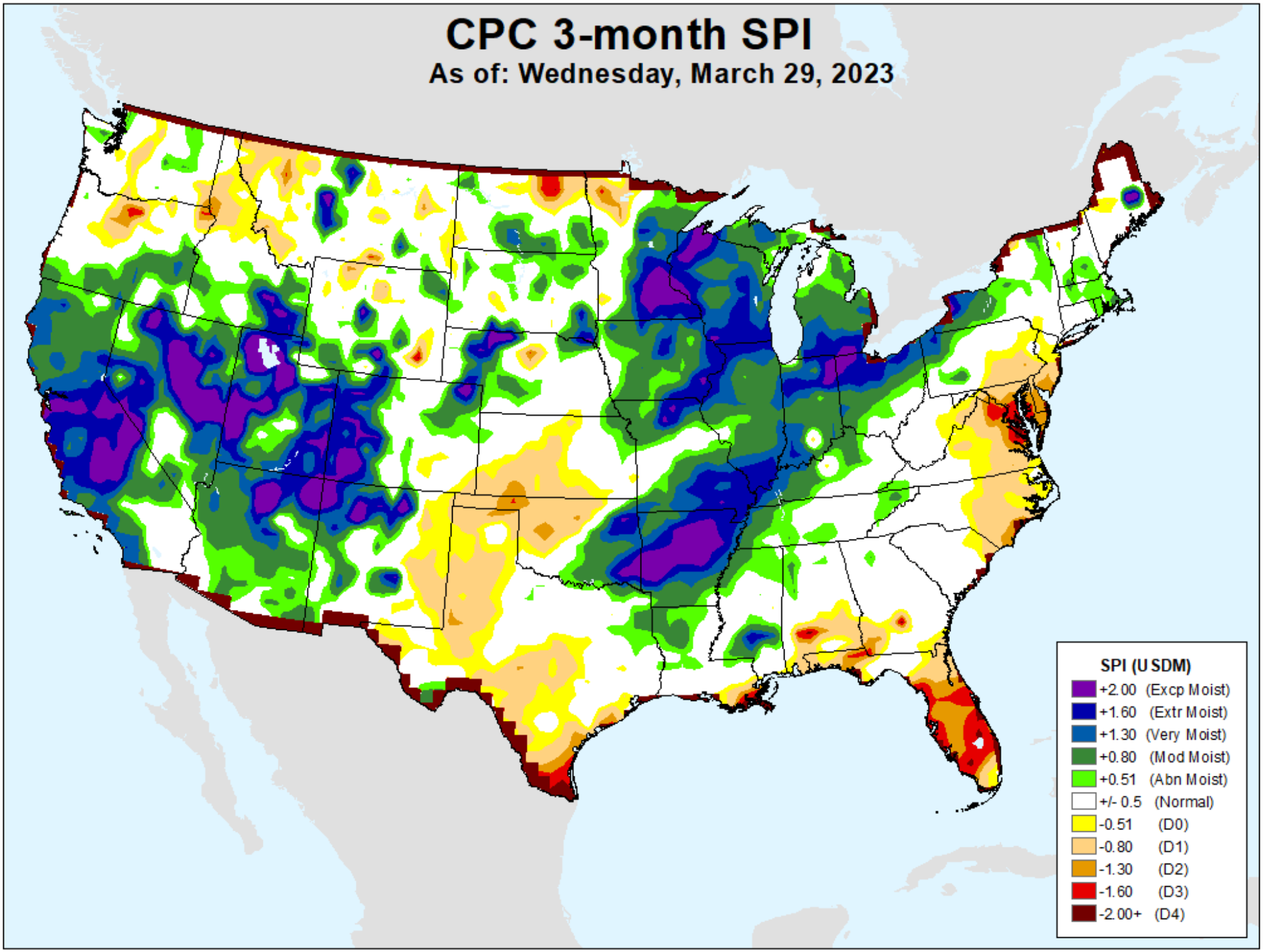
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

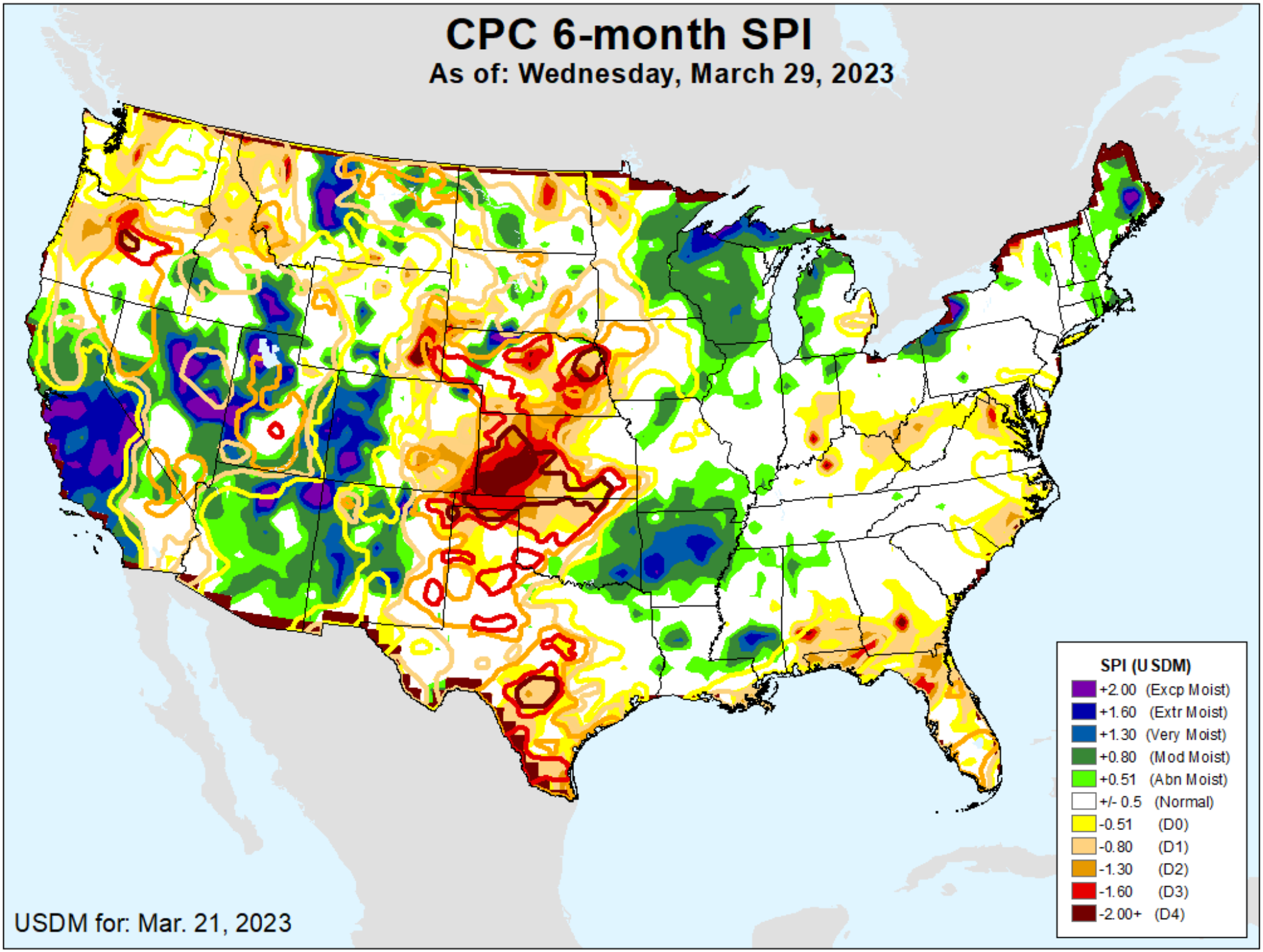
CPC 3-month SPI

As of: Wednesday, March 29, 2023



CPC 6-month SPI

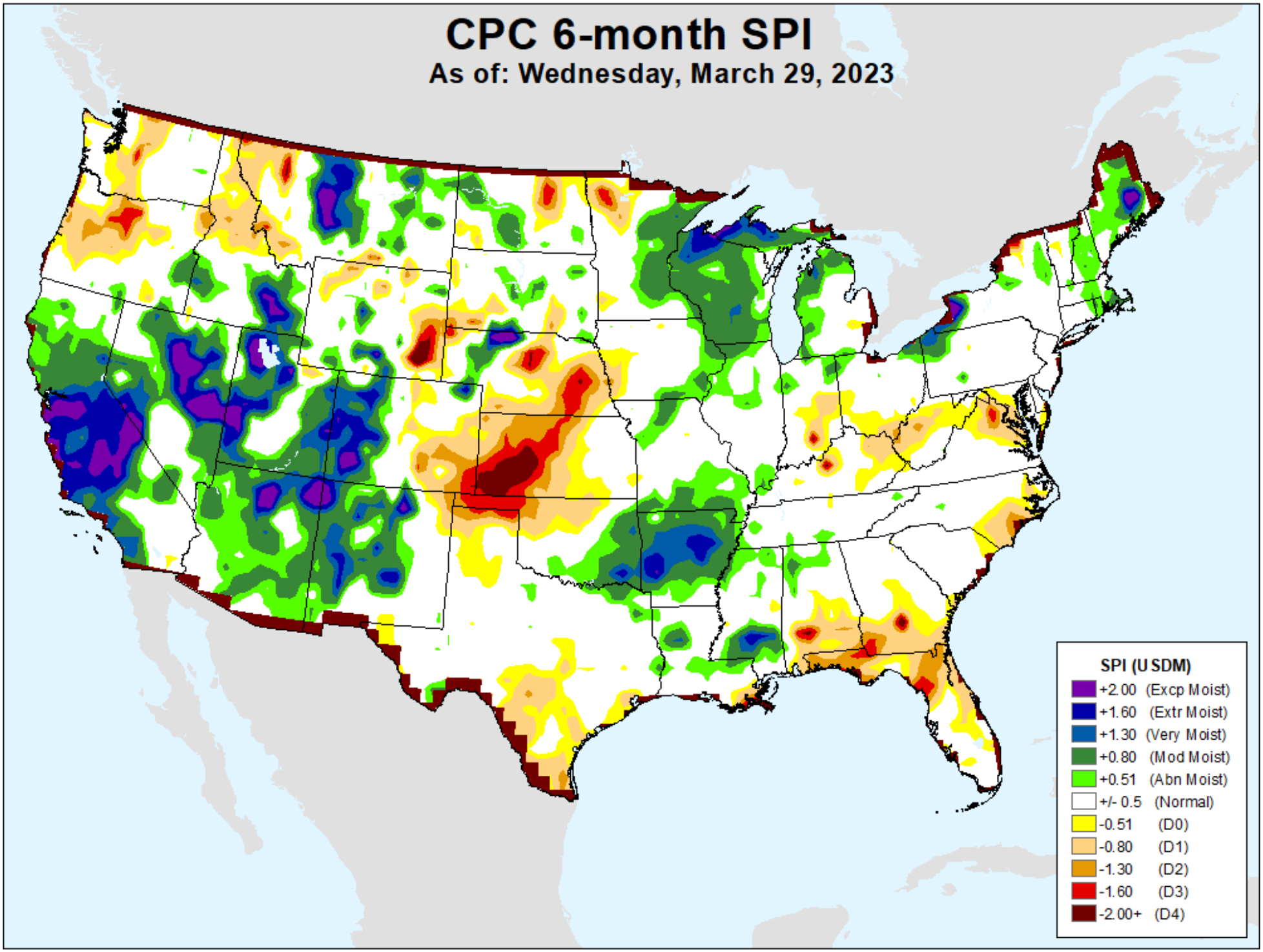
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

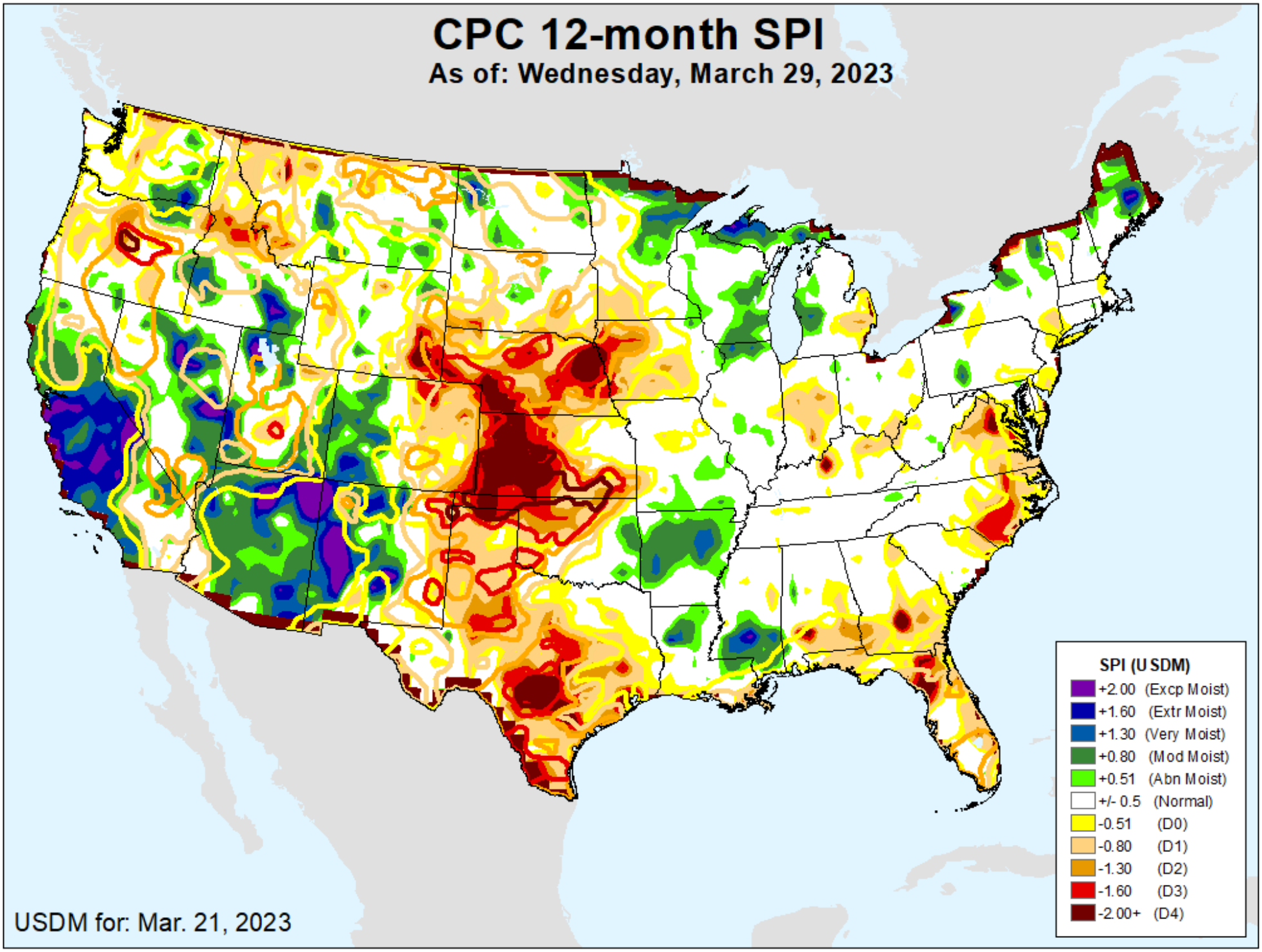
CPC 6-month SPI

As of: Wednesday, March 29, 2023



CPC 12-month SPI

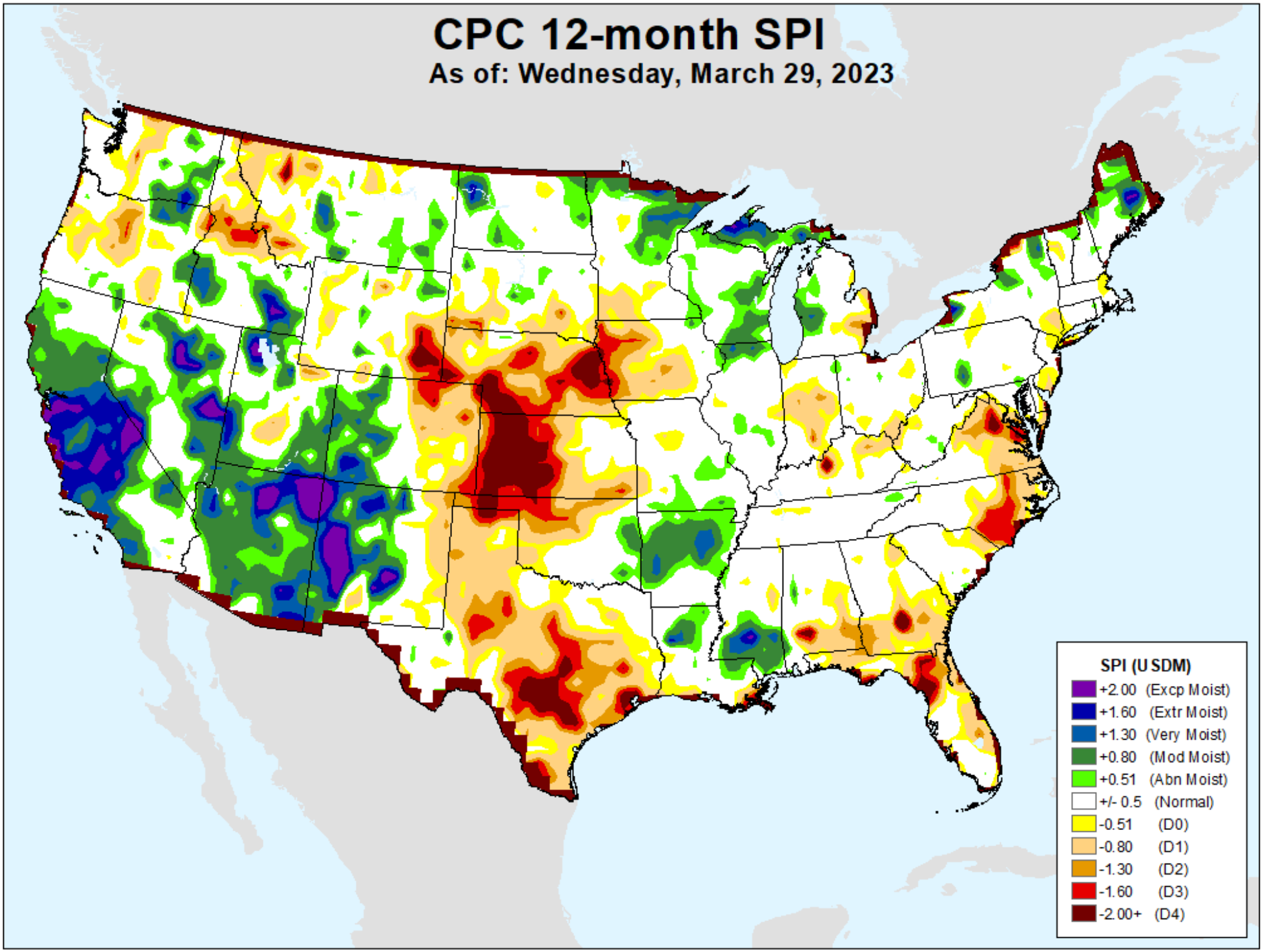
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

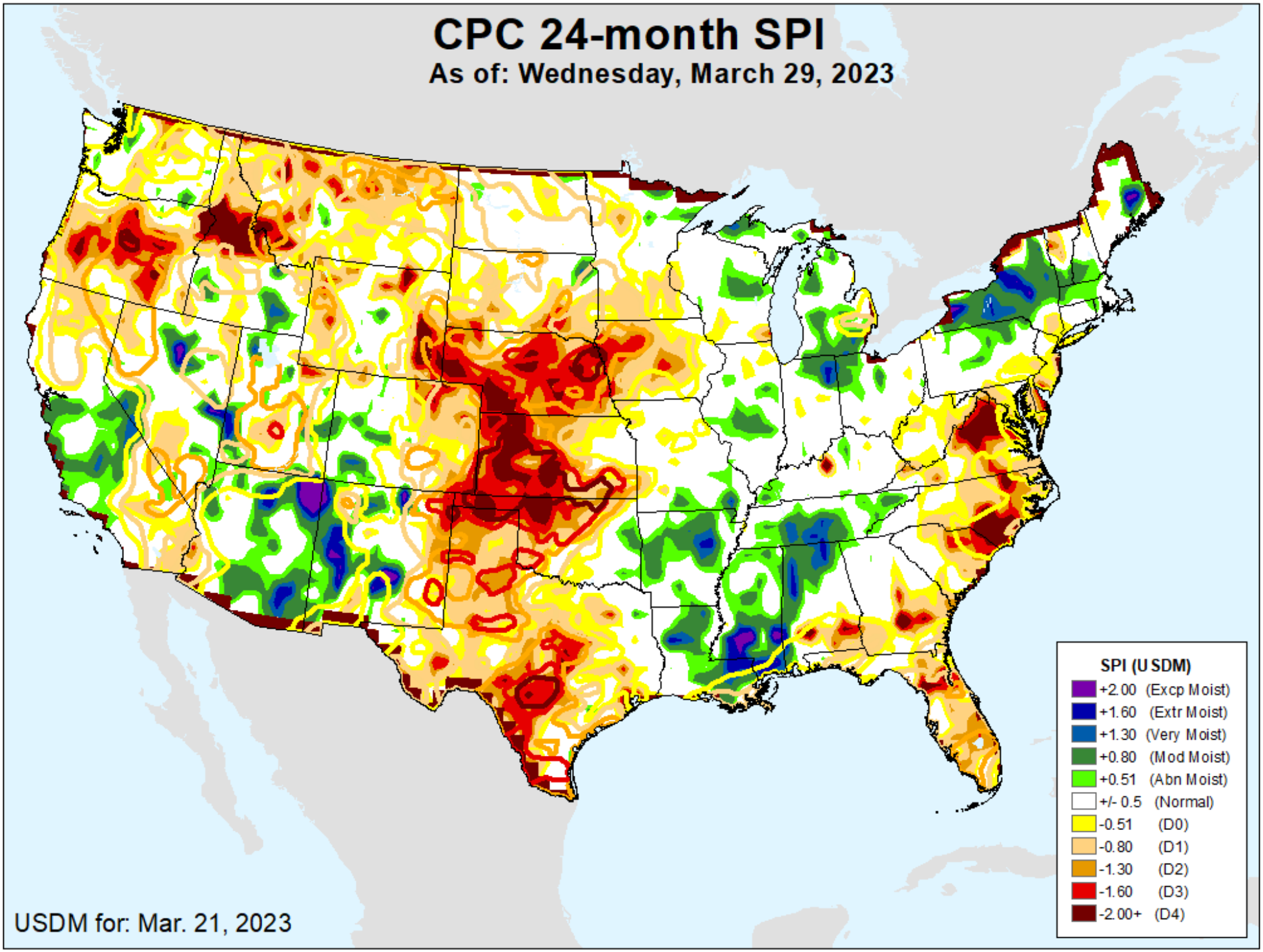
CPC 12-month SPI

As of: Wednesday, March 29, 2023



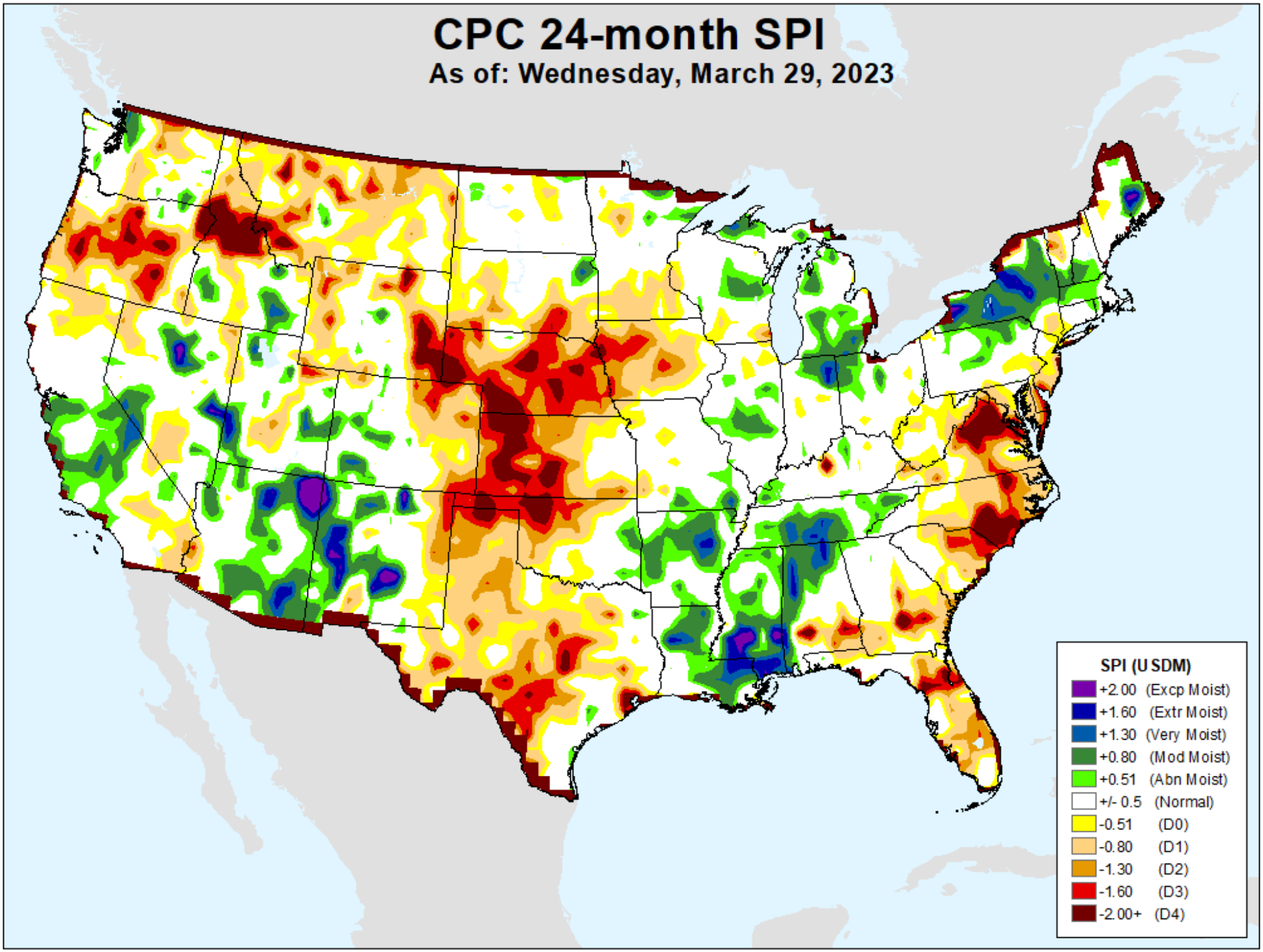
CPC 24-month SPI

As of: Wednesday, March 29, 2023



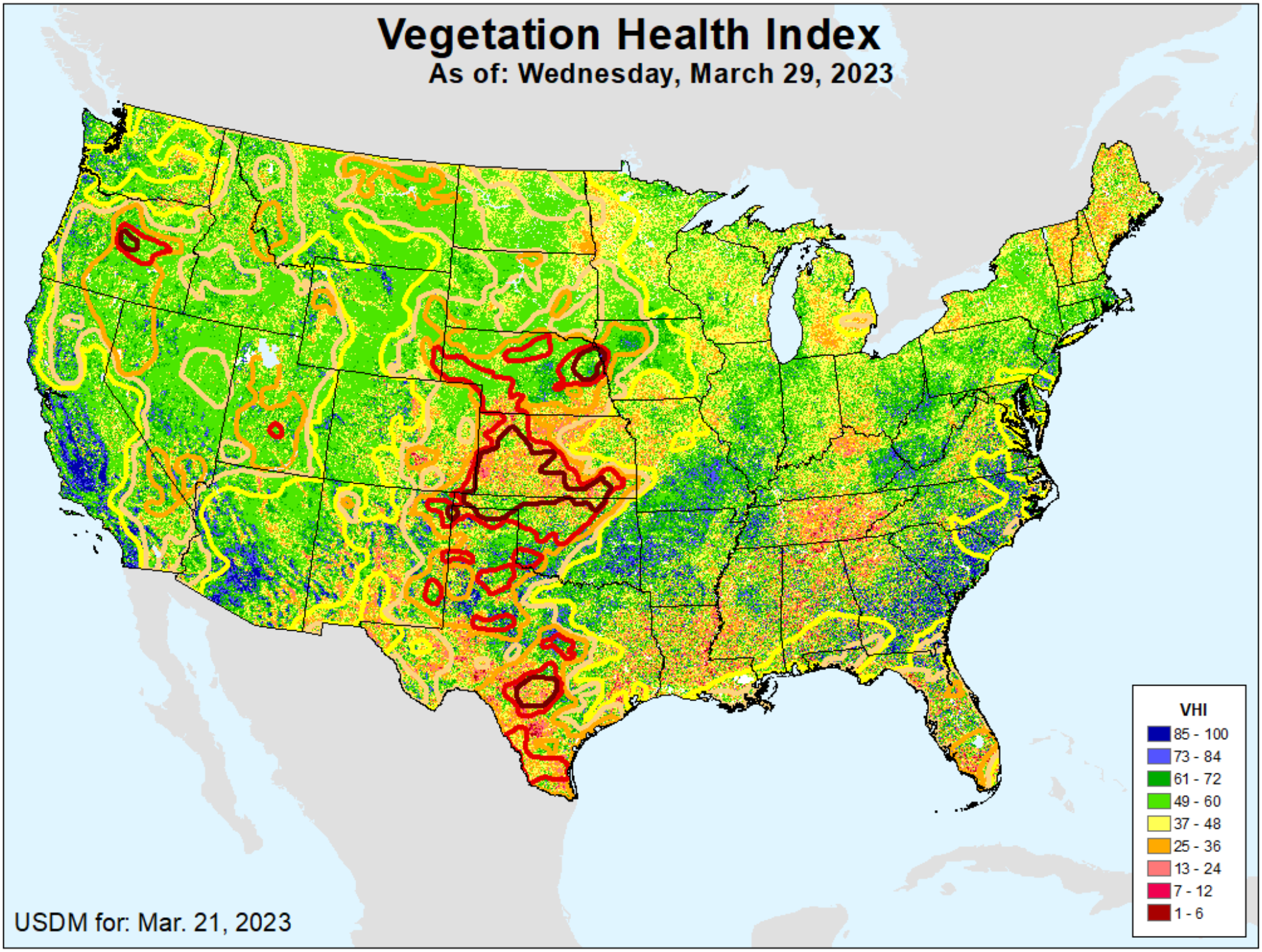
CPC 24-month SPI

As of: Wednesday, March 29, 2023



Vegetation Health Index

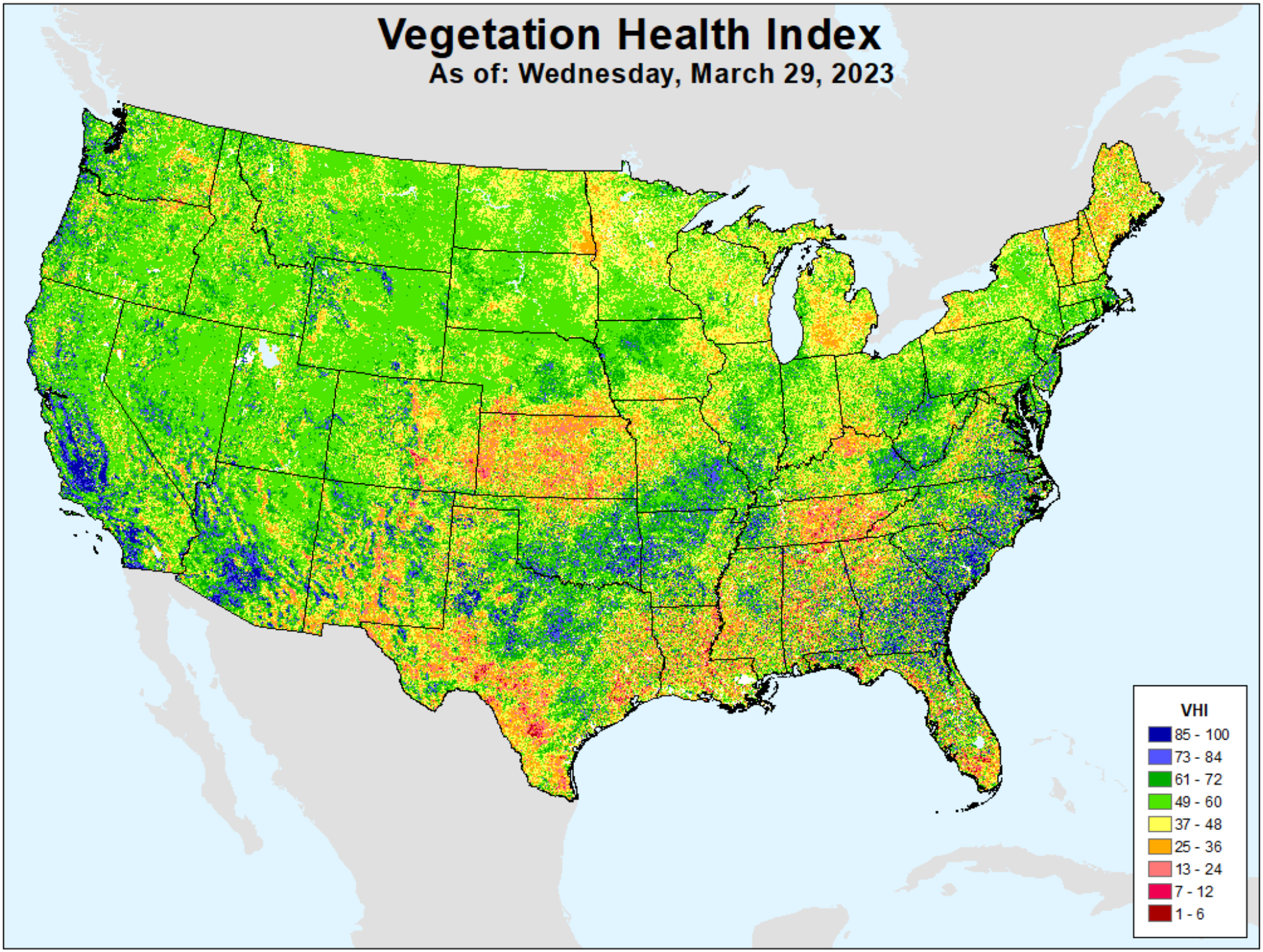
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

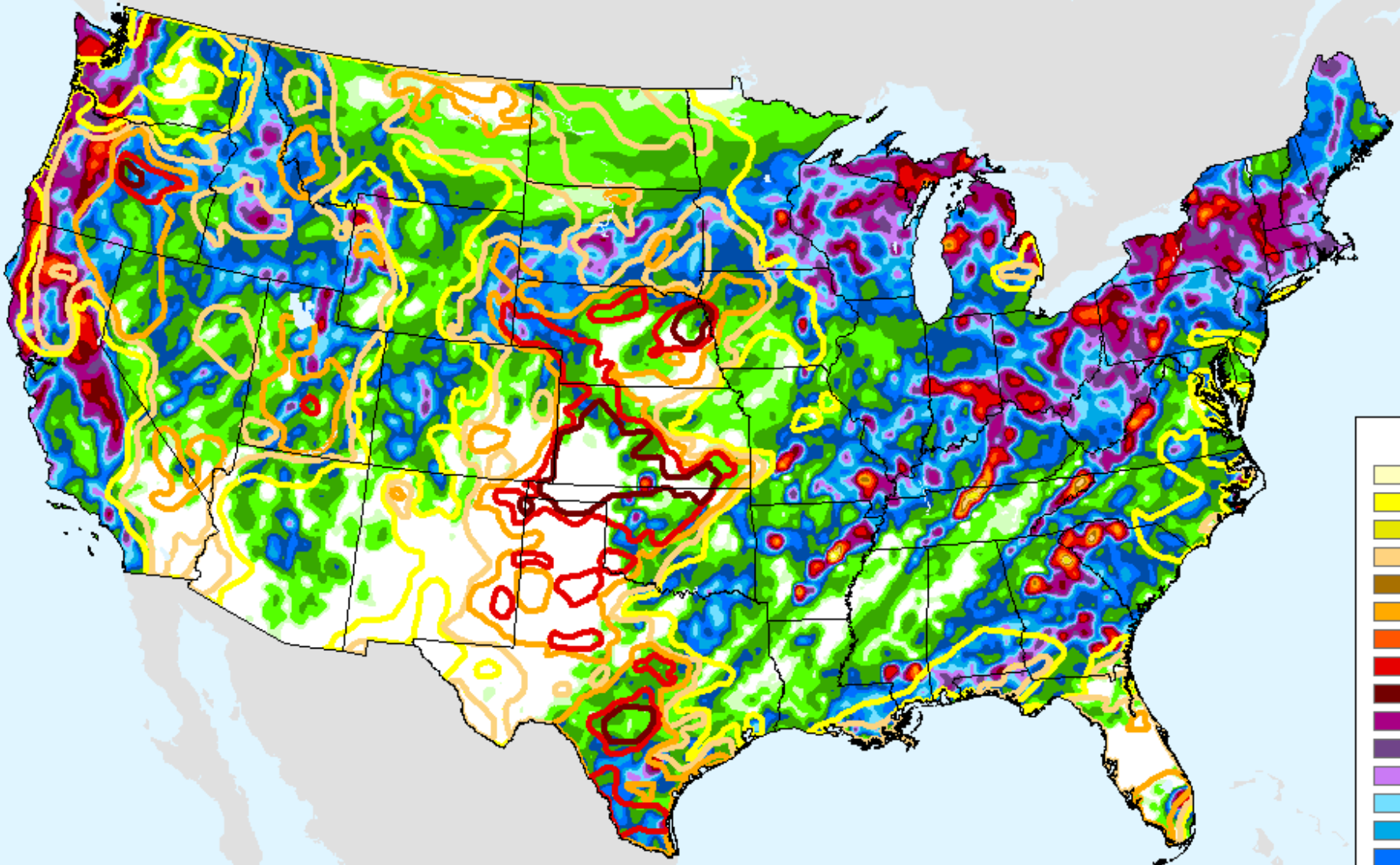
Vegetation Health Index

As of: Wednesday, March 29, 2023



GFS (00z) 7-Day Precip Forecast

As of: Wednesday, March 29, 2023

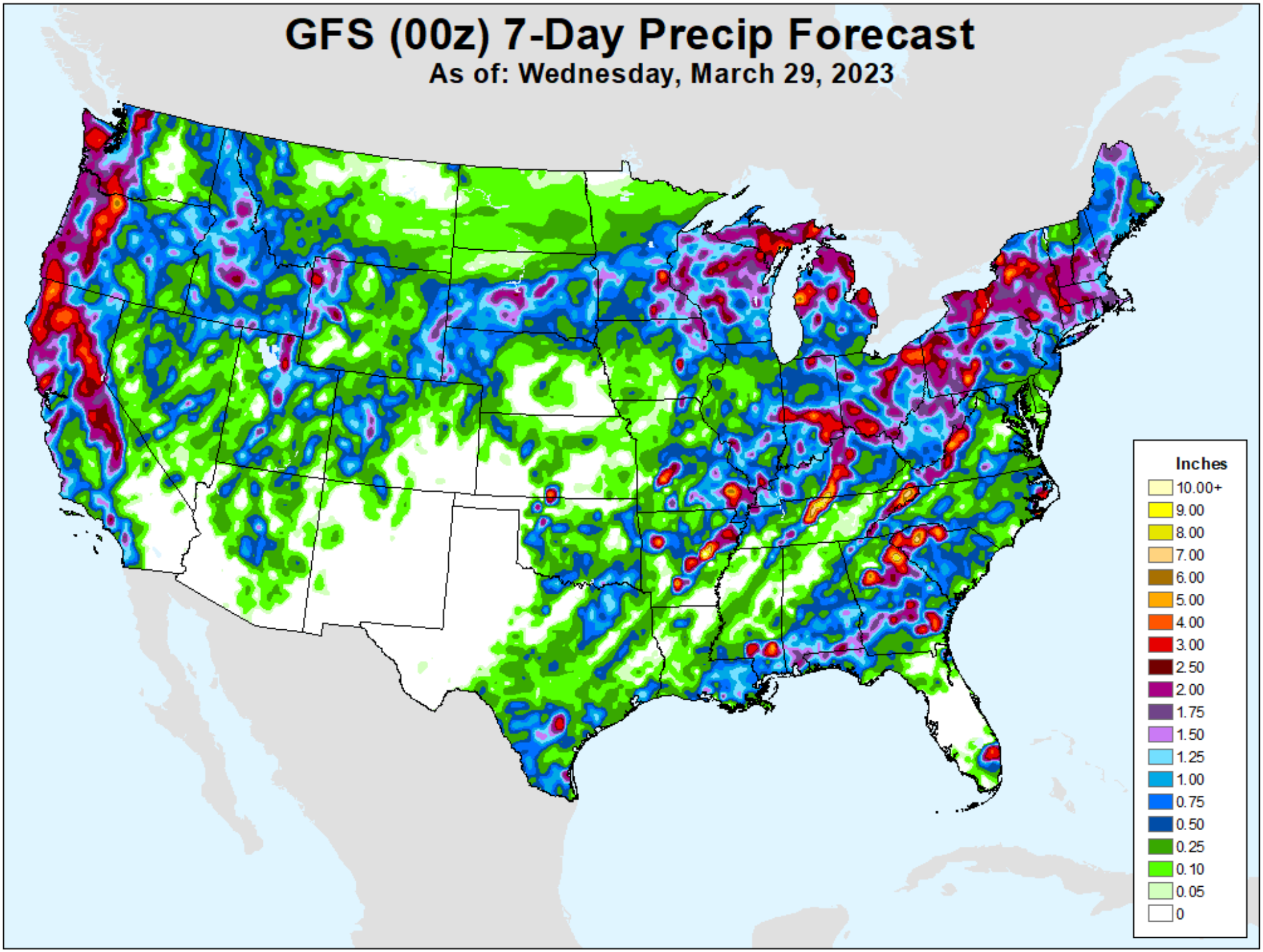


Inches
10.00+
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.50
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.10
0.05
0

USDM for: Mar. 21, 2023

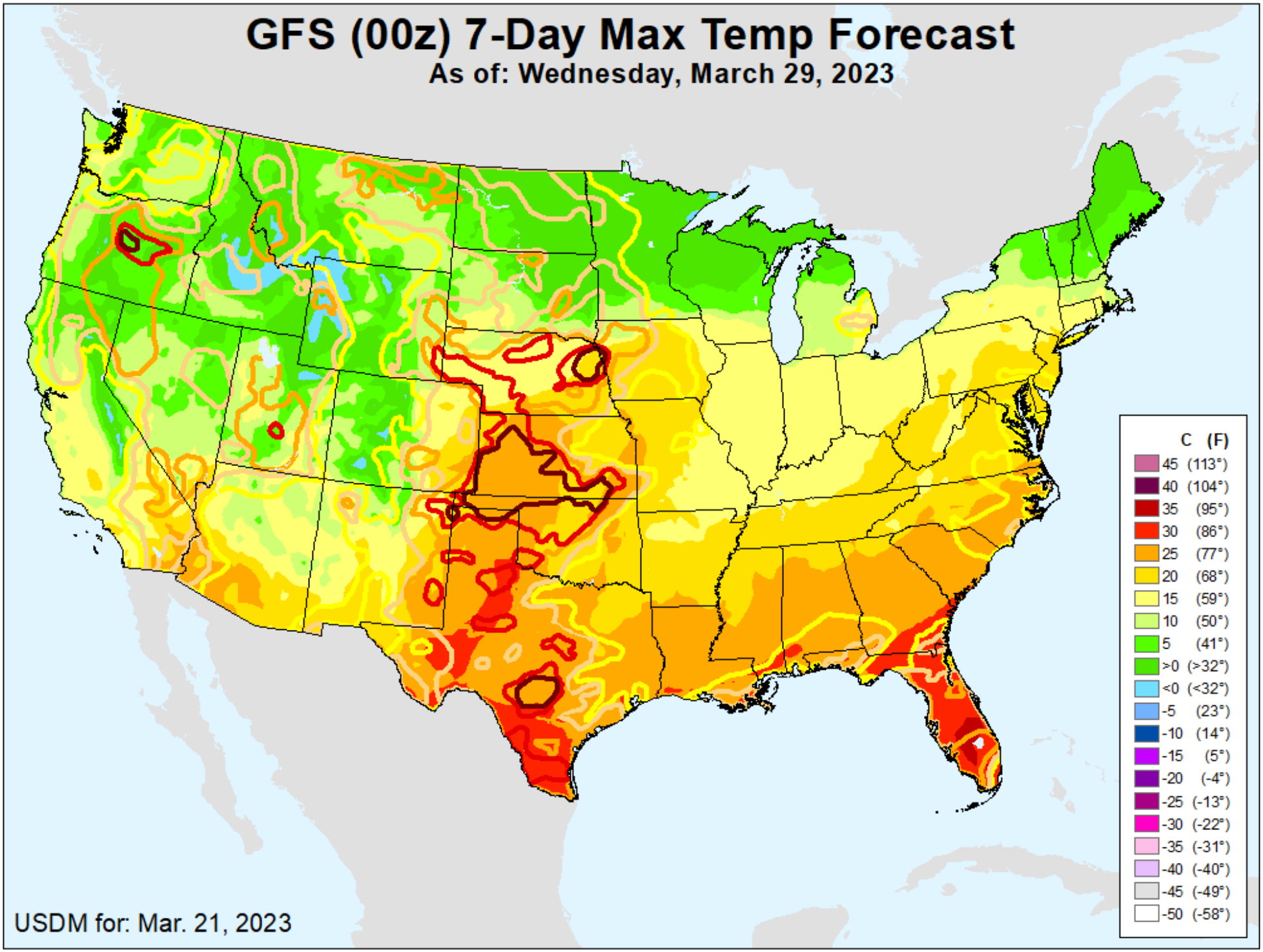
GFS (00z) 7-Day Precip Forecast

As of: Wednesday, March 29, 2023



GFS (00z) 7-Day Max Temp Forecast

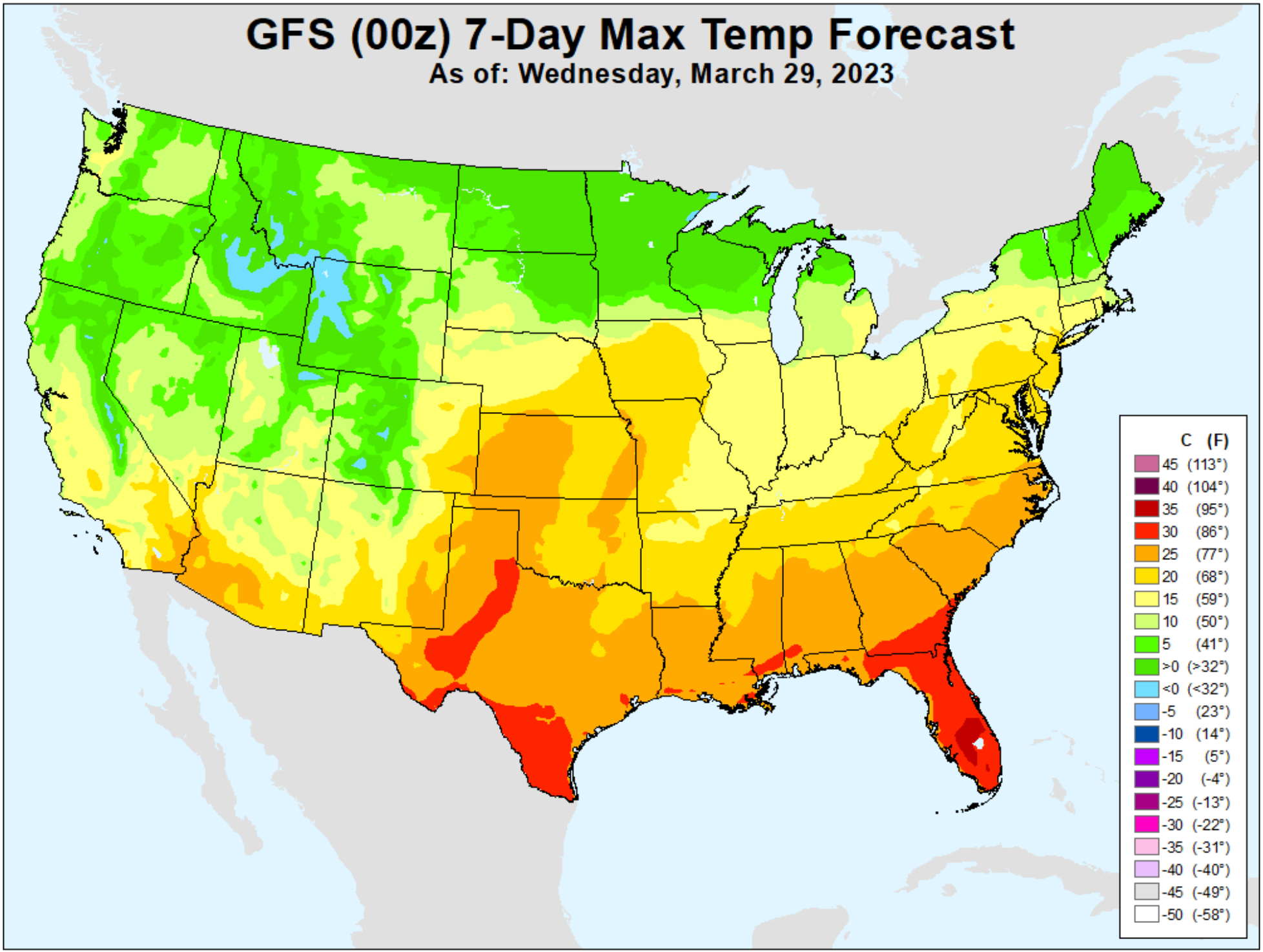
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

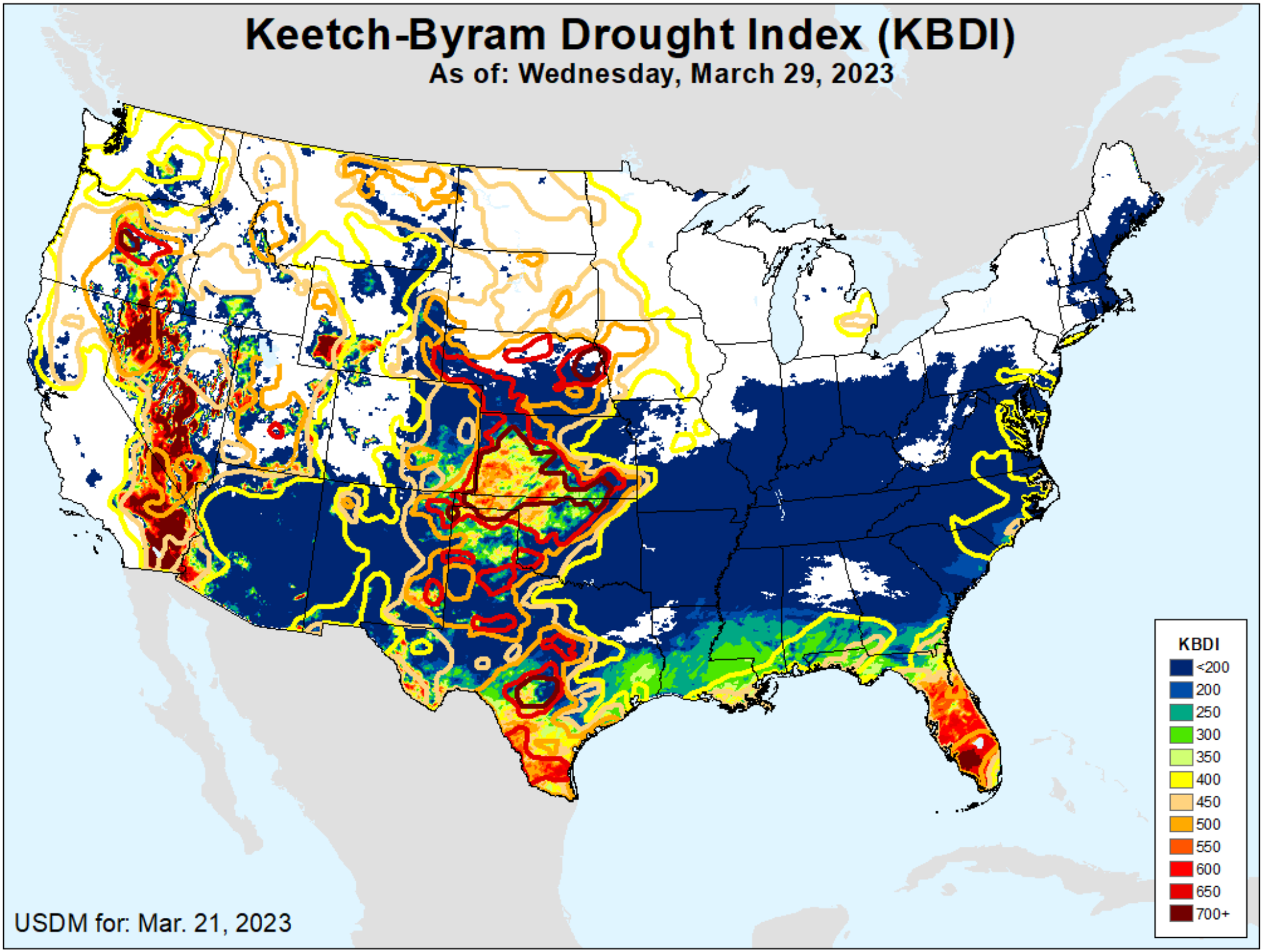
GFS (00z) 7-Day Max Temp Forecast

As of: Wednesday, March 29, 2023



Keetch-Byram Drought Index (KBDI)

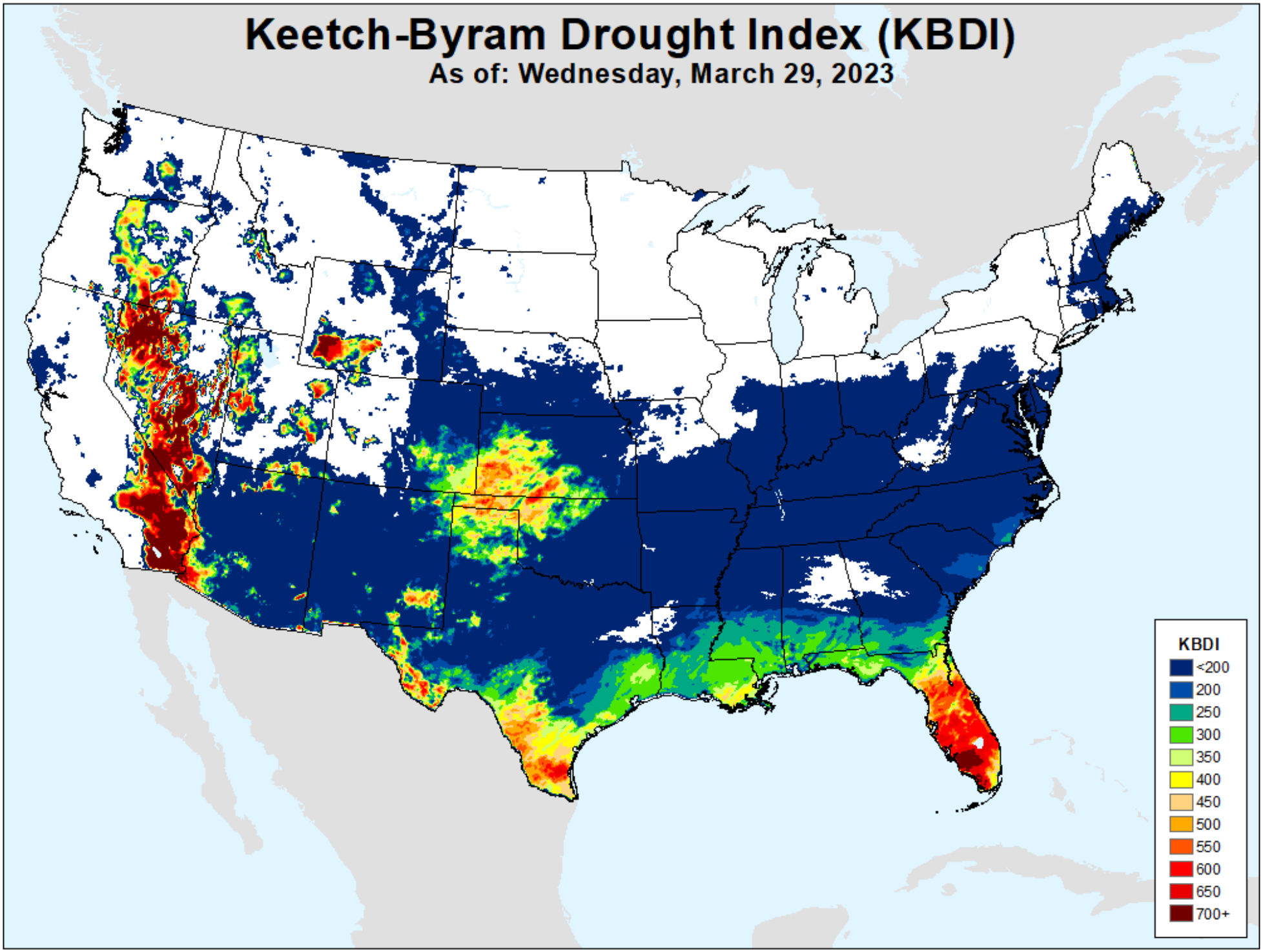
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

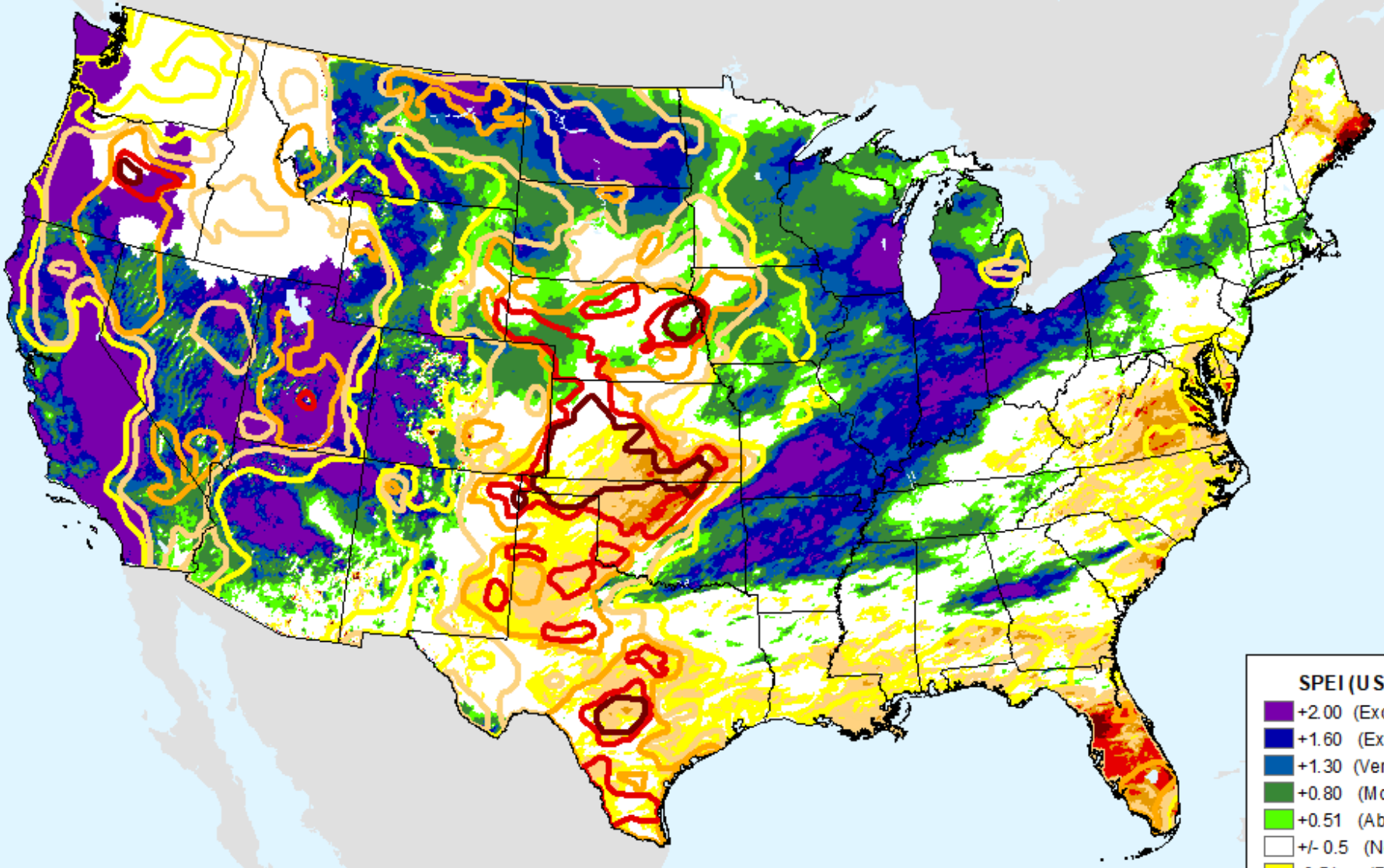
Keetch-Byram Drought Index (KBDI)

As of: Wednesday, March 29, 2023



AHPS 1-month SPEI

As of: Wednesday, March 29, 2023



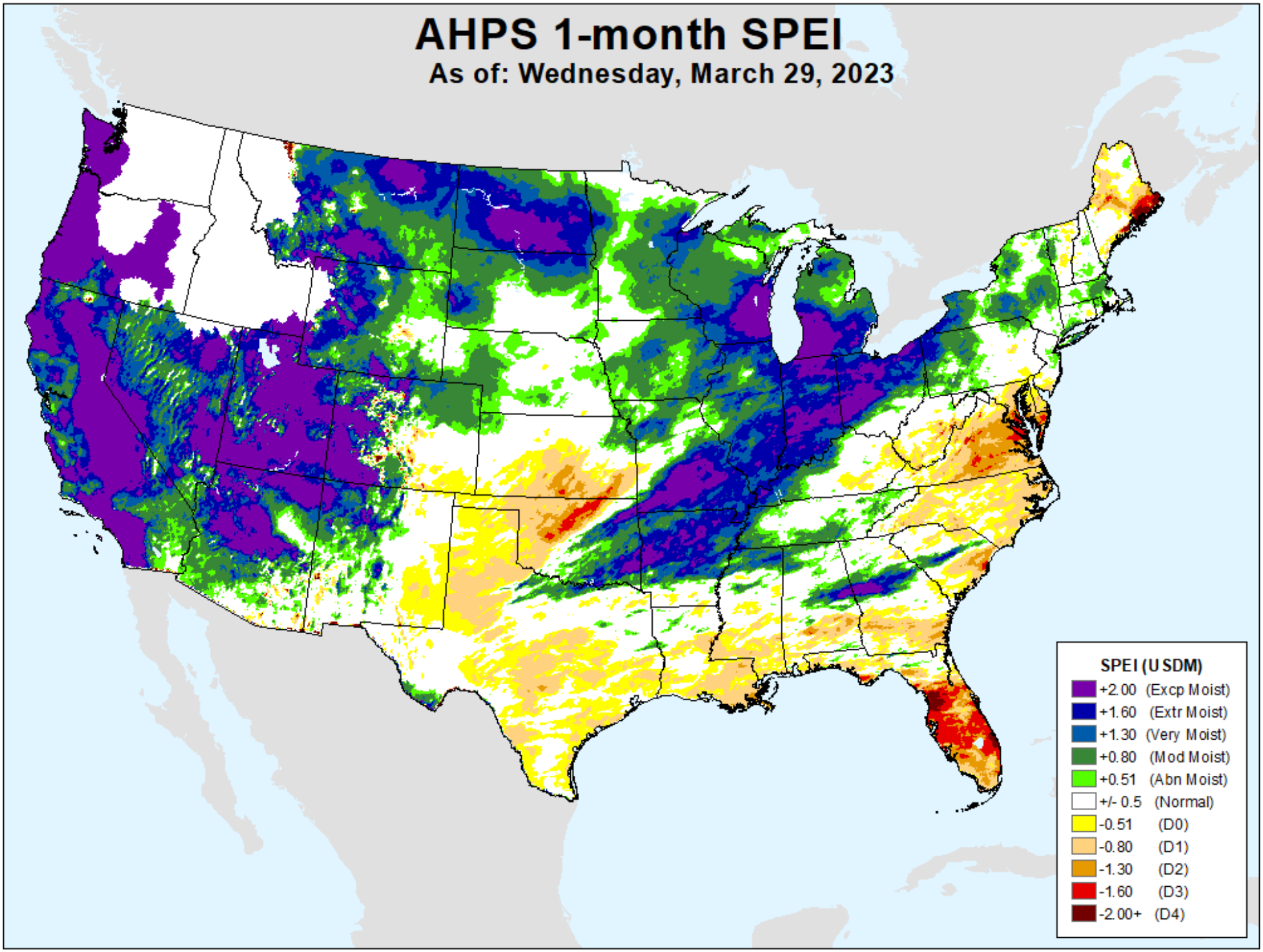
SPEI (USDM)

+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: Mar. 21, 2023

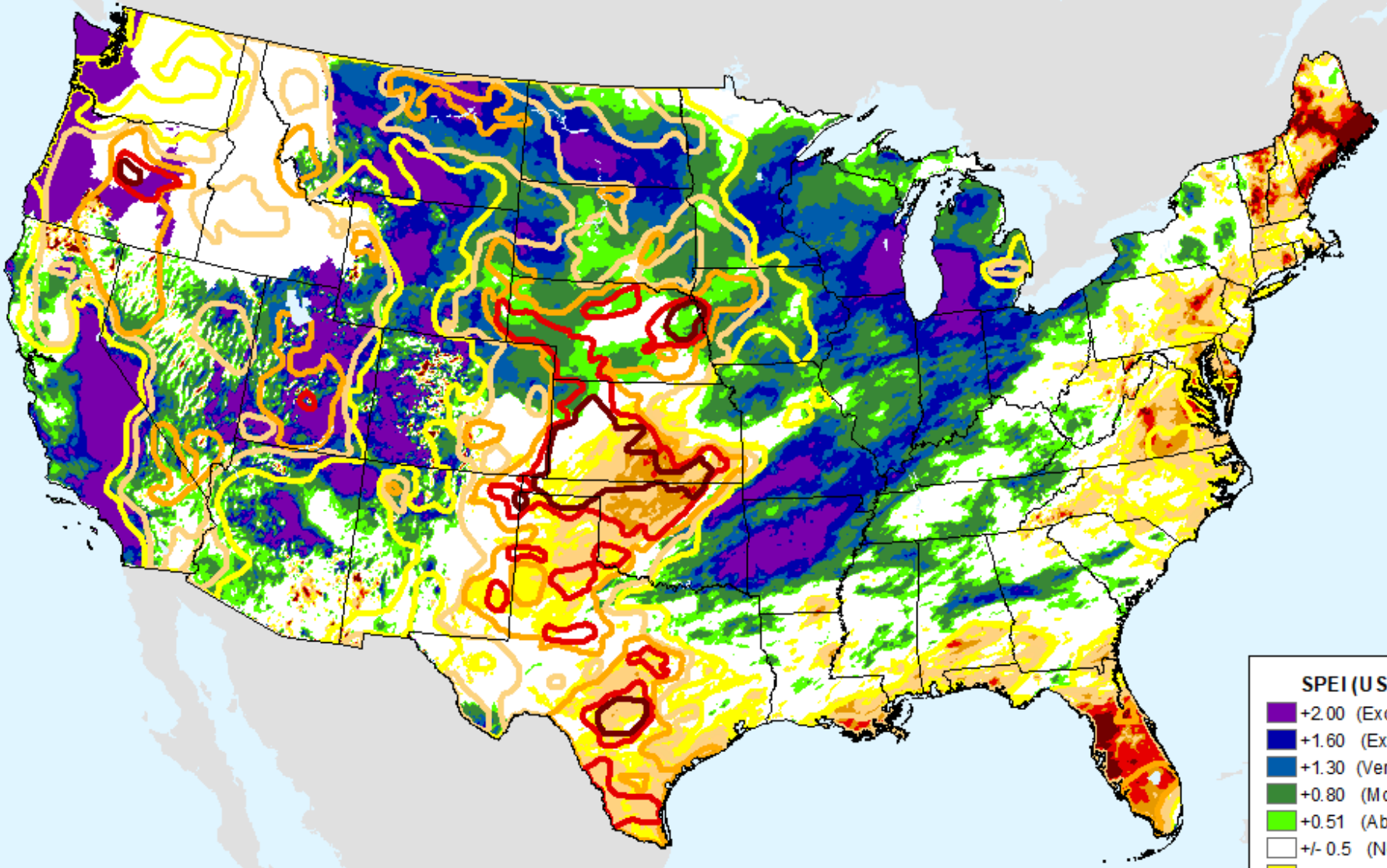
AHPS 1-month SPEI

As of: Wednesday, March 29, 2023



AHPS 2-month SPEI

As of: Wednesday, March 29, 2023



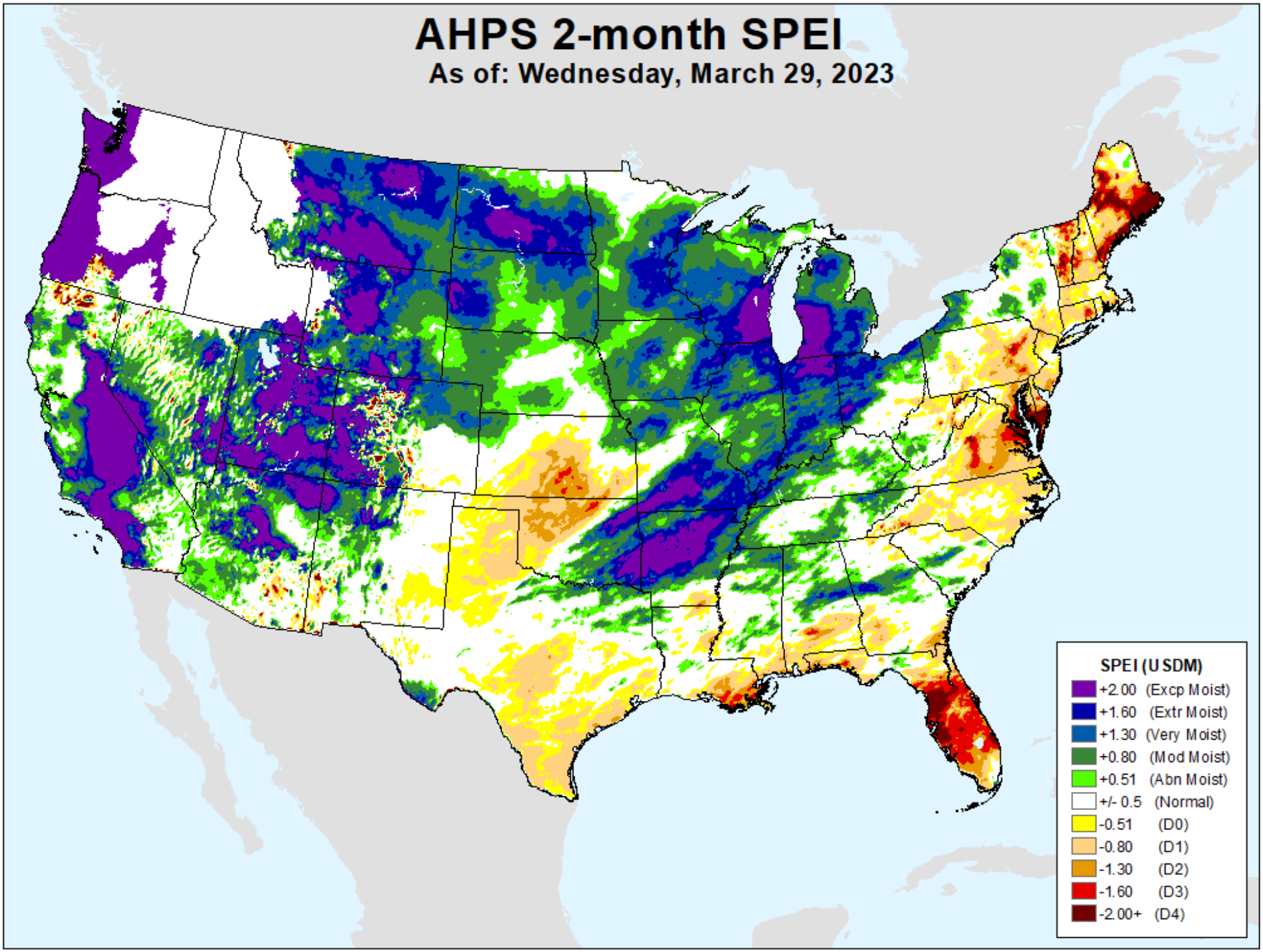
SPEI (USDM)

+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: Mar. 21, 2023

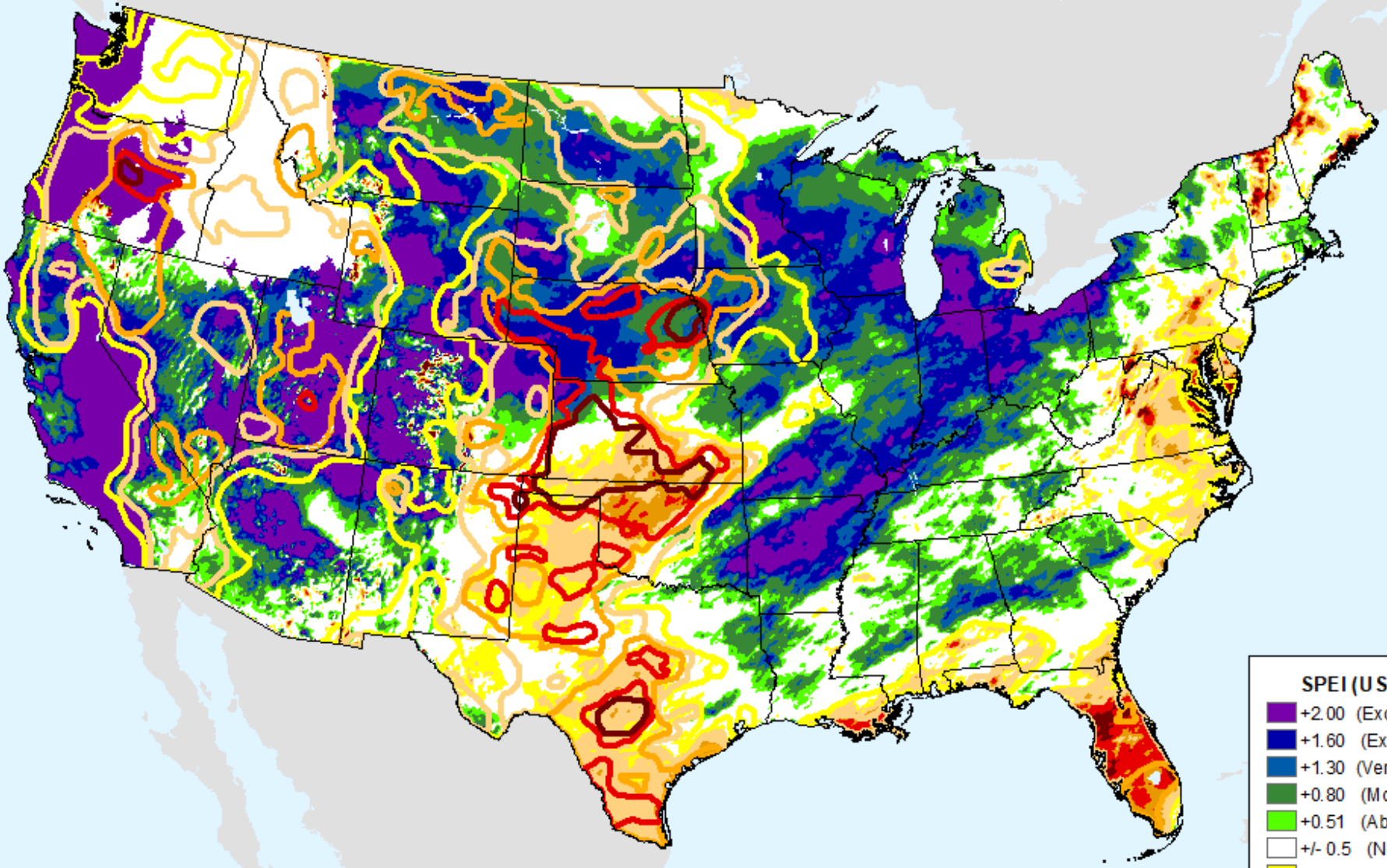
AHPS 2-month SPEI

As of: Wednesday, March 29, 2023



AHPS 3-month SPEI

As of: Wednesday, March 29, 2023



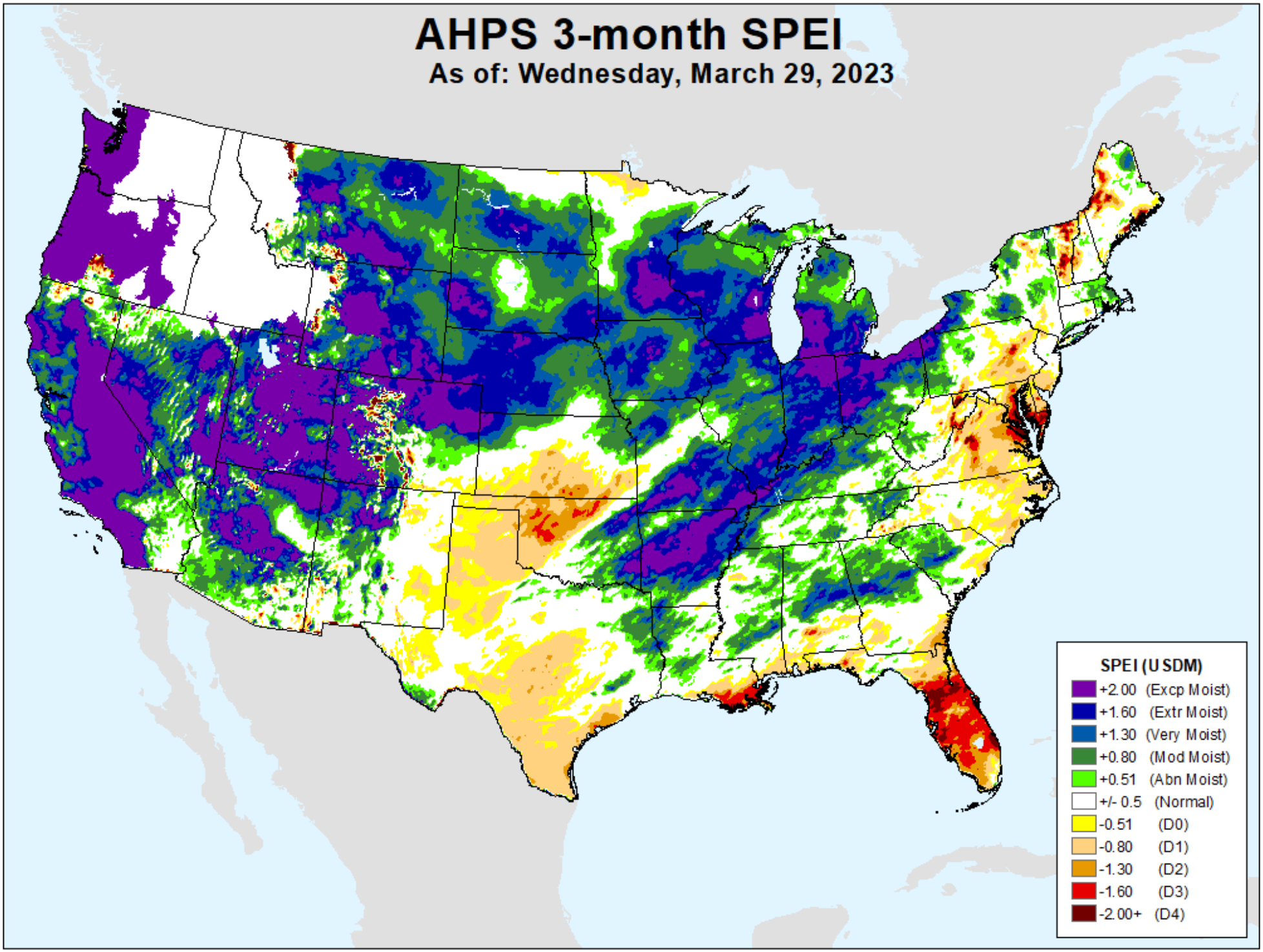
SPEI (USDM)

+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: Mar. 21, 2023

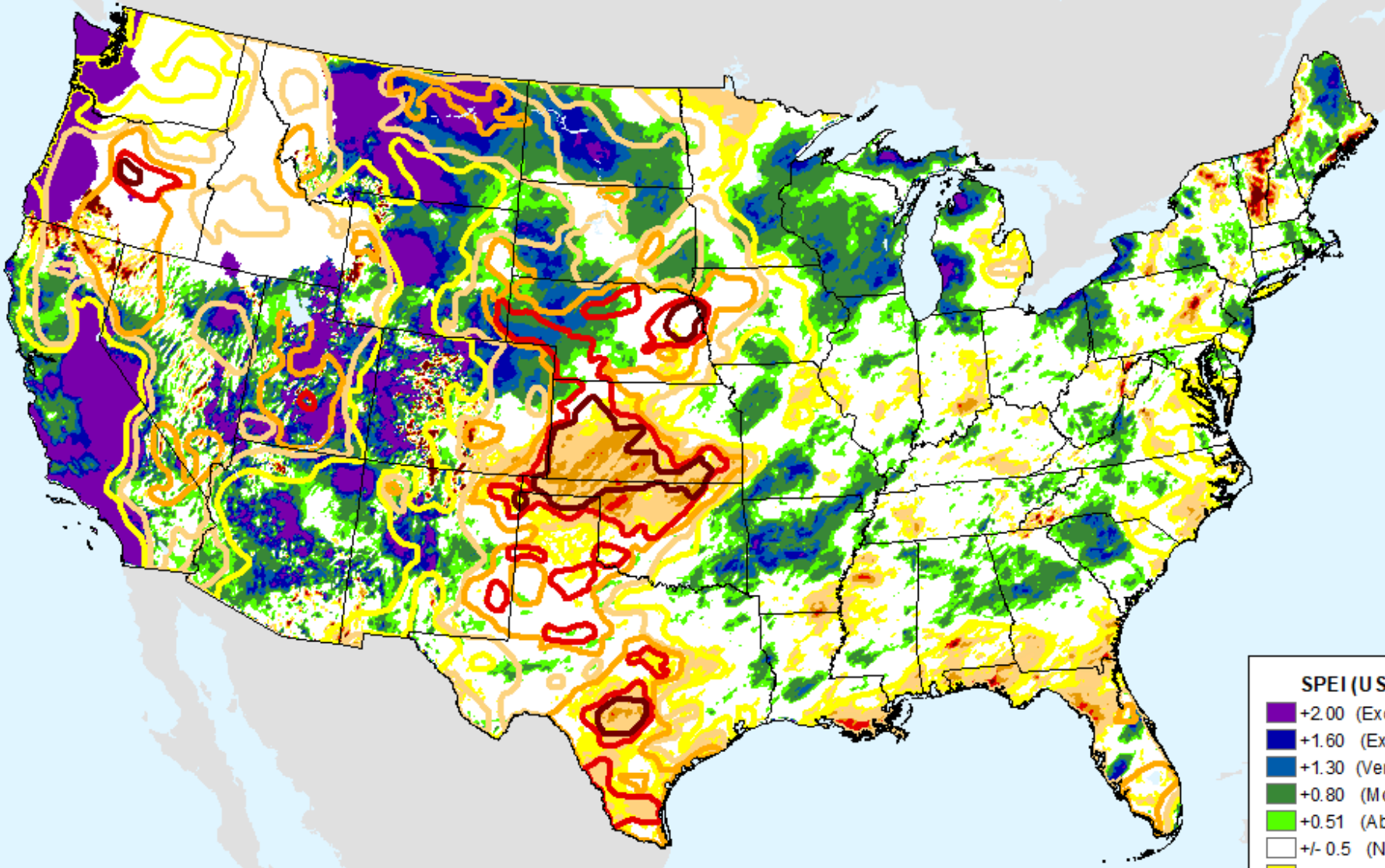
AHPS 3-month SPEI

As of: Wednesday, March 29, 2023



AHPS 6-month SPEI

As of: Wednesday, March 29, 2023



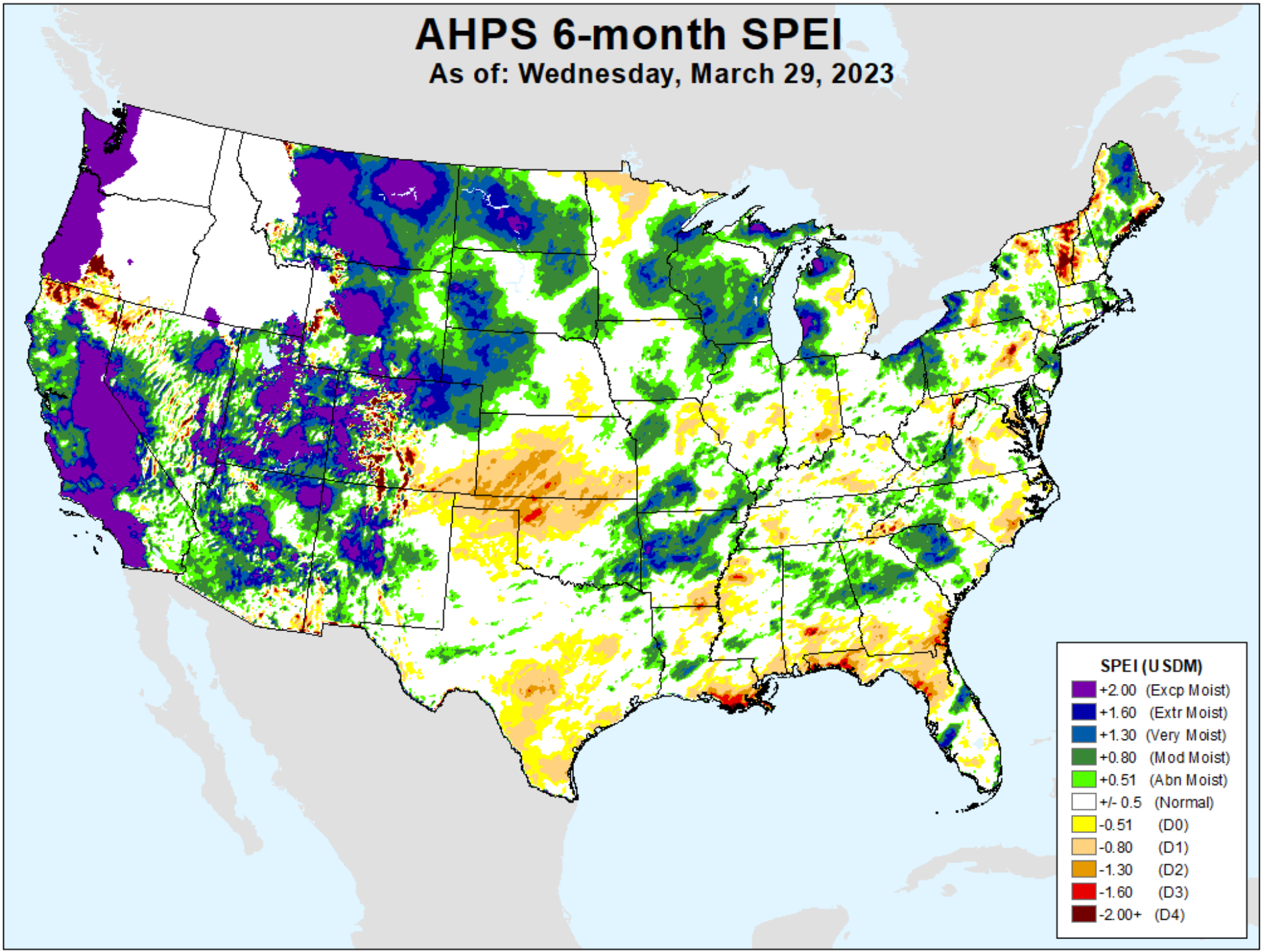
SPEI (USDM)

+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: Mar. 21, 2023

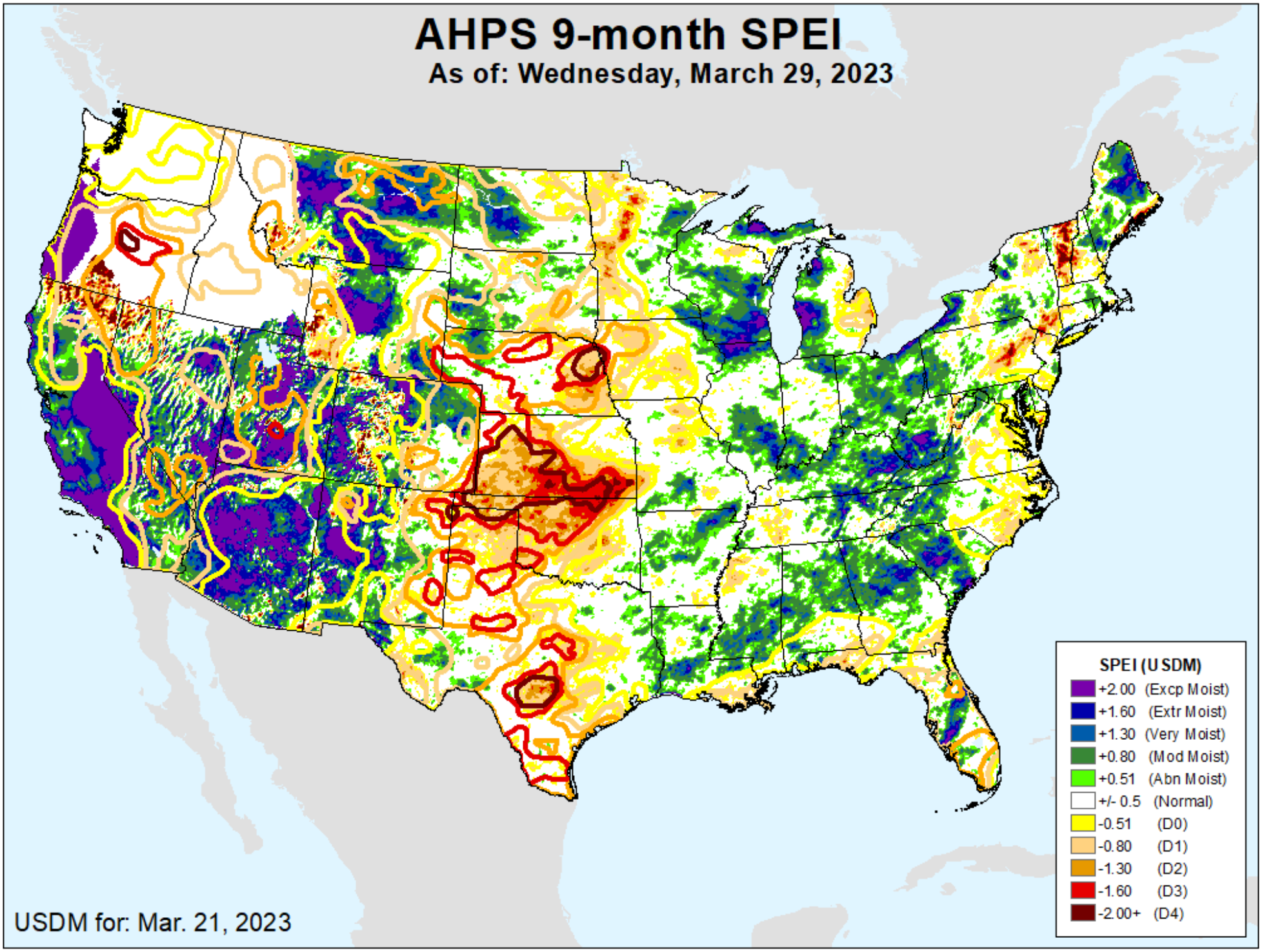
AHPS 6-month SPEI

As of: Wednesday, March 29, 2023



AHPS 9-month SPEI

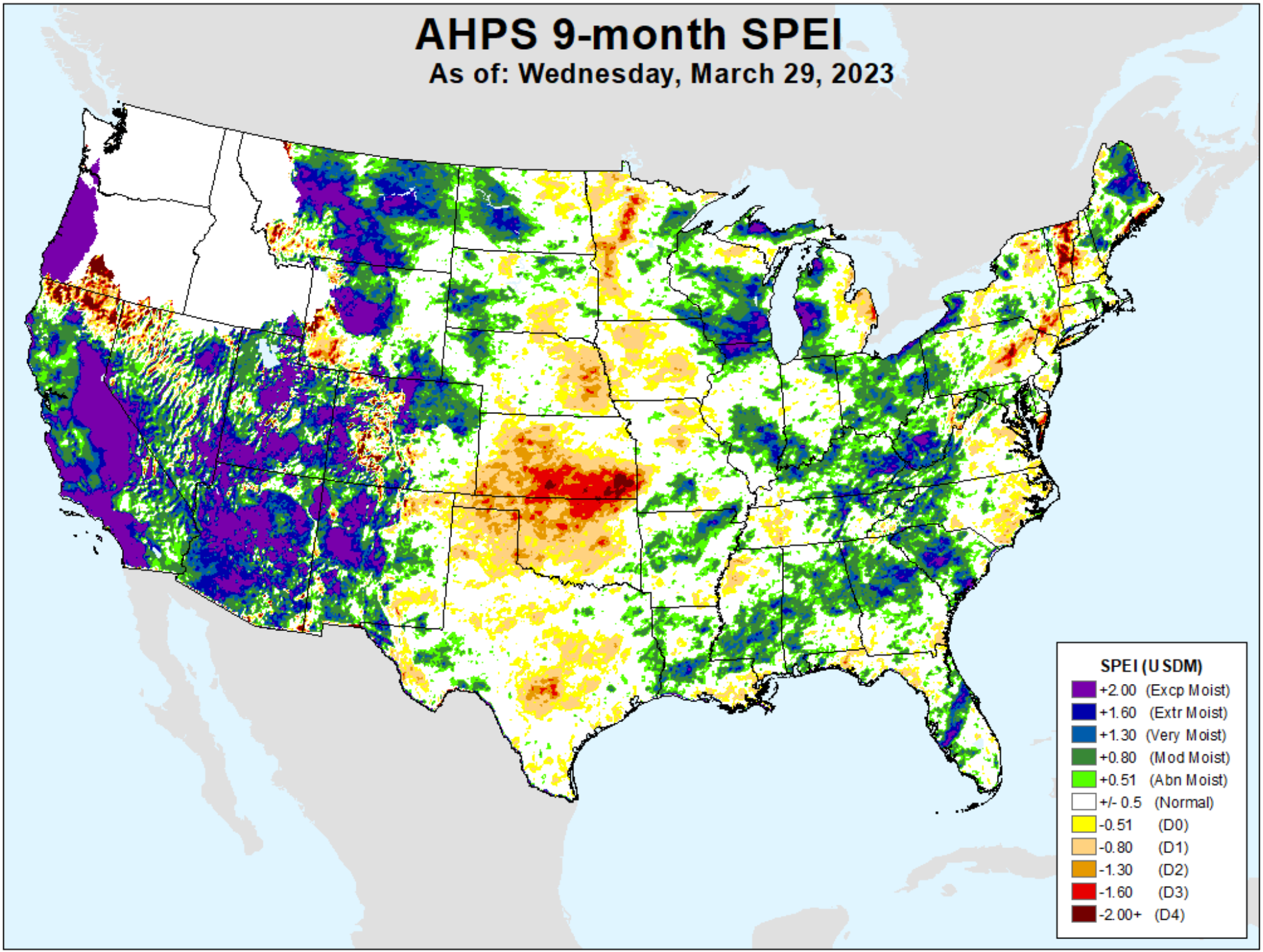
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

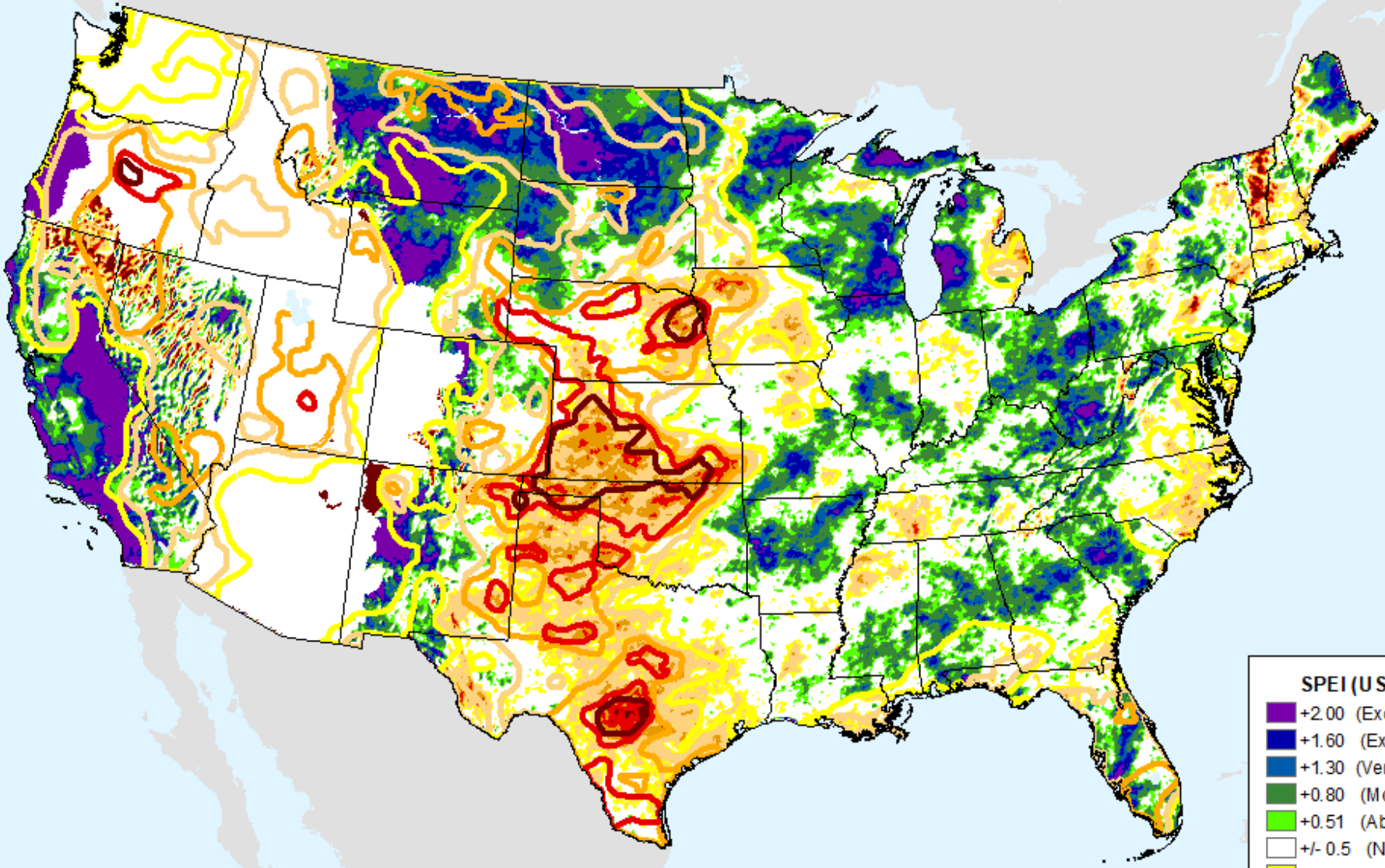
AHPS 9-month SPEI

As of: Wednesday, March 29, 2023



AHPS 12-month SPEI

As of: Wednesday, March 29, 2023



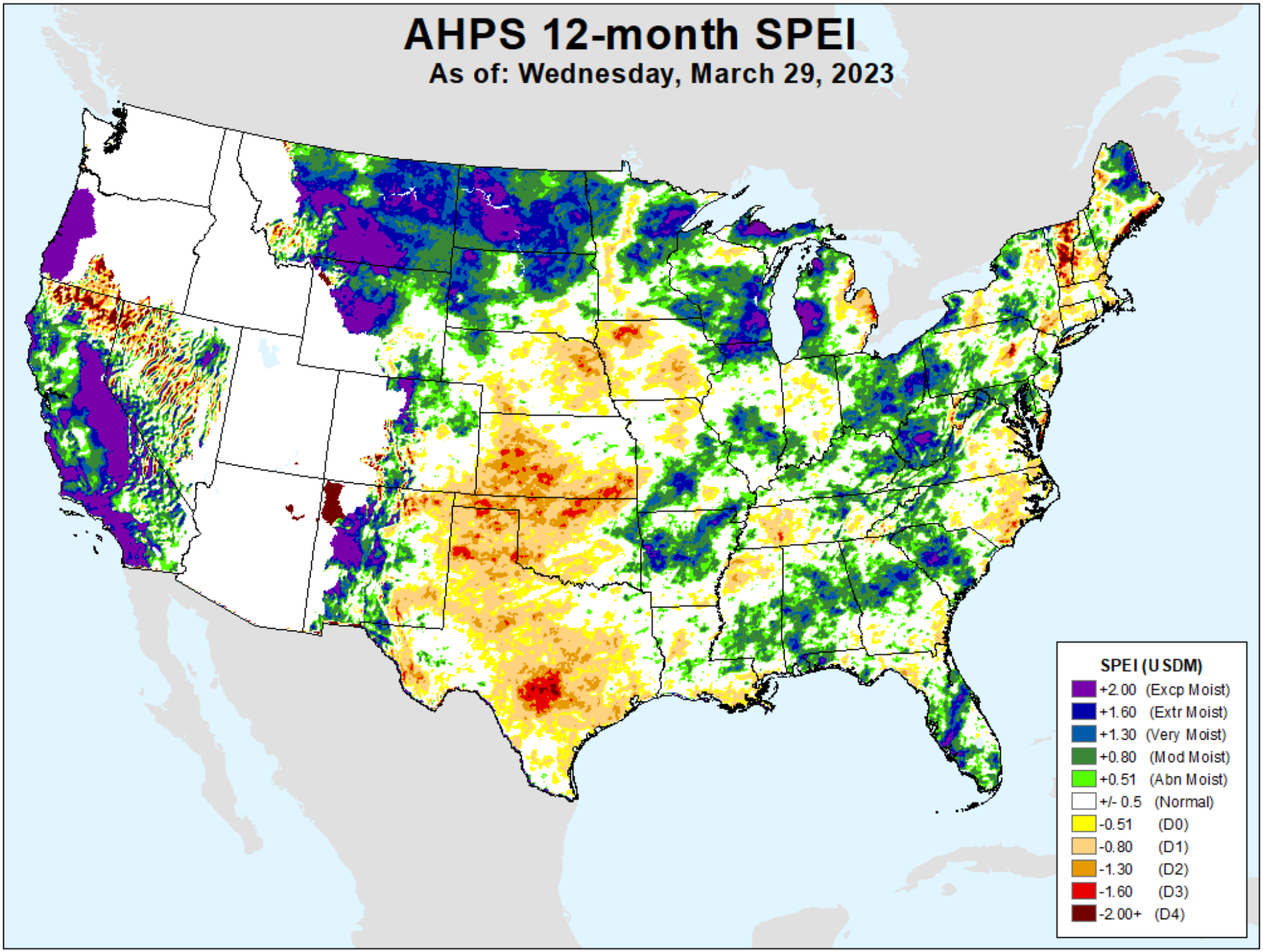
SPEI (USDM)

+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: Mar. 21, 2023

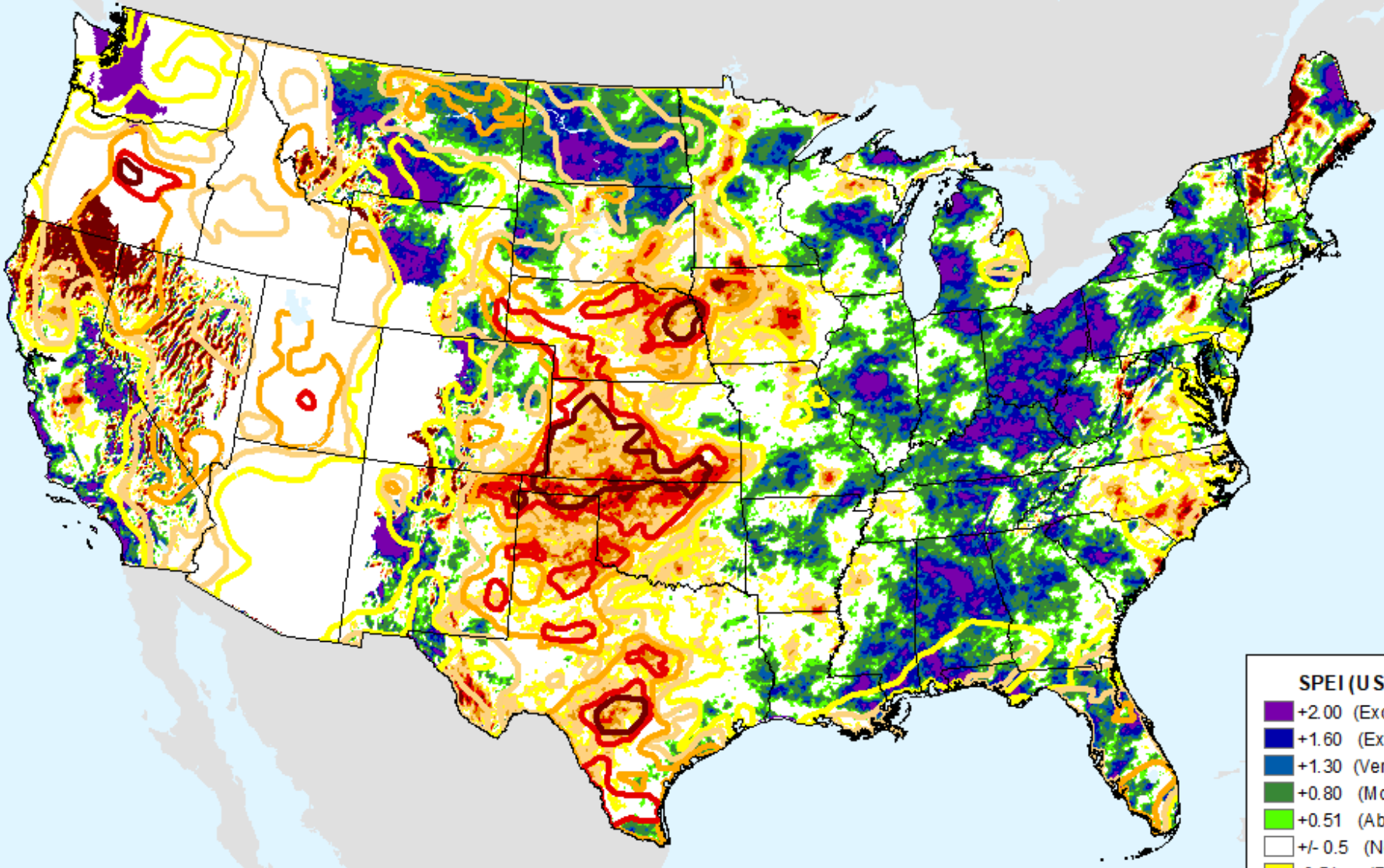
AHPS 12-month SPEI

As of: Wednesday, March 29, 2023



AHPS 24-month SPEI

As of: Wednesday, March 29, 2023



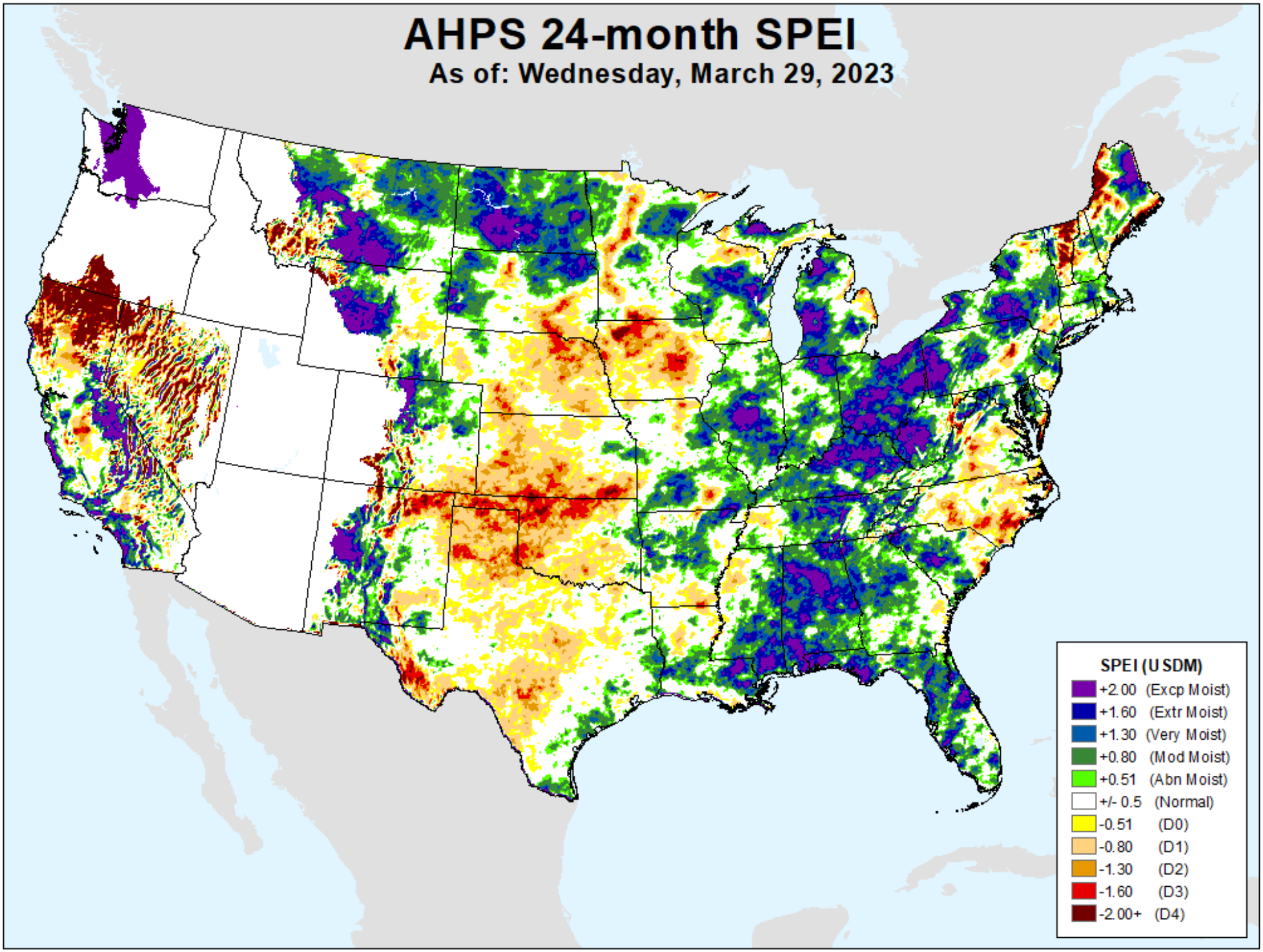
SPEI (USDM)

+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: Mar. 21, 2023

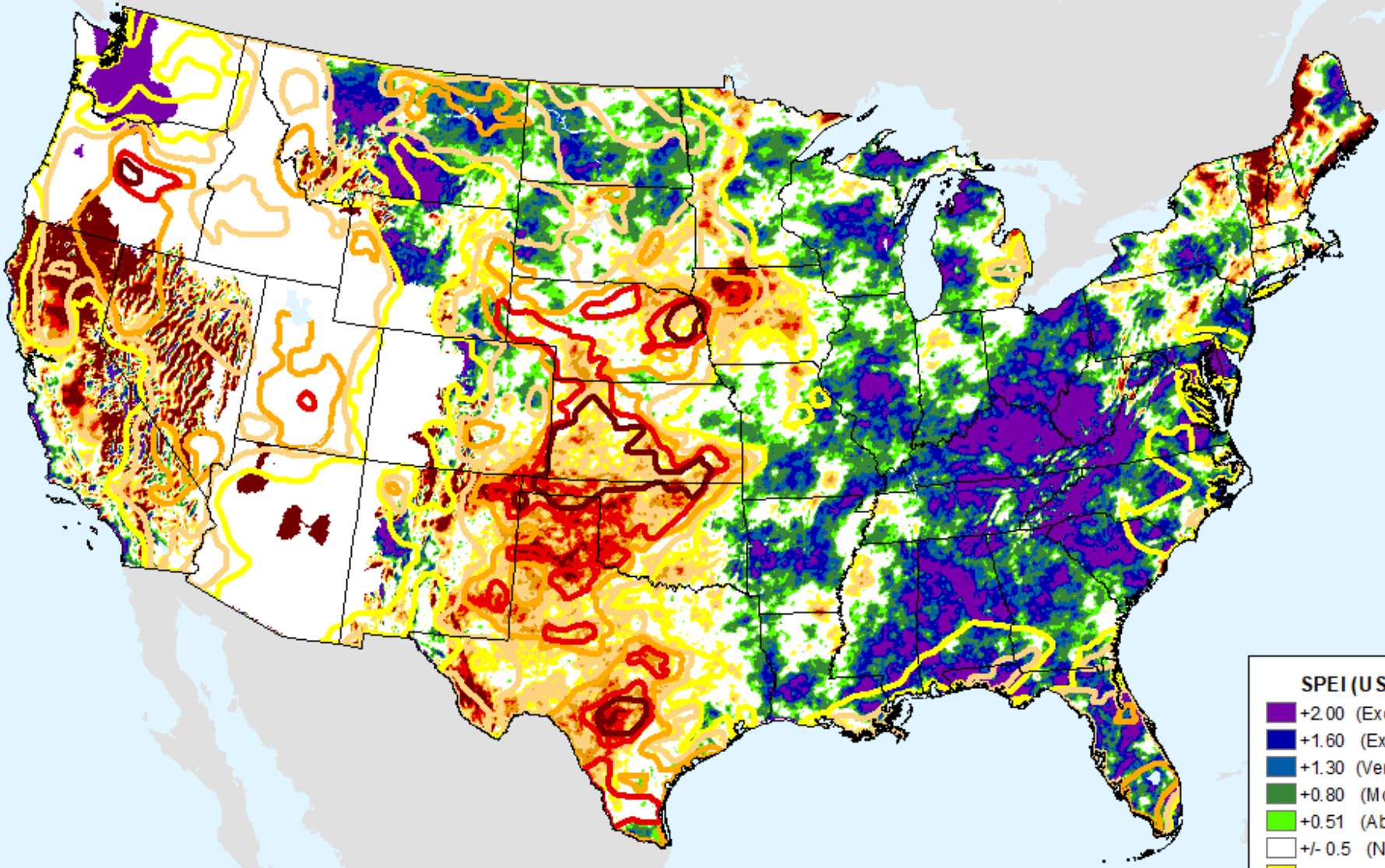
AHPS 24-month SPEI

As of: Wednesday, March 29, 2023



AHPS 36-month SPEI

As of: Wednesday, March 29, 2023



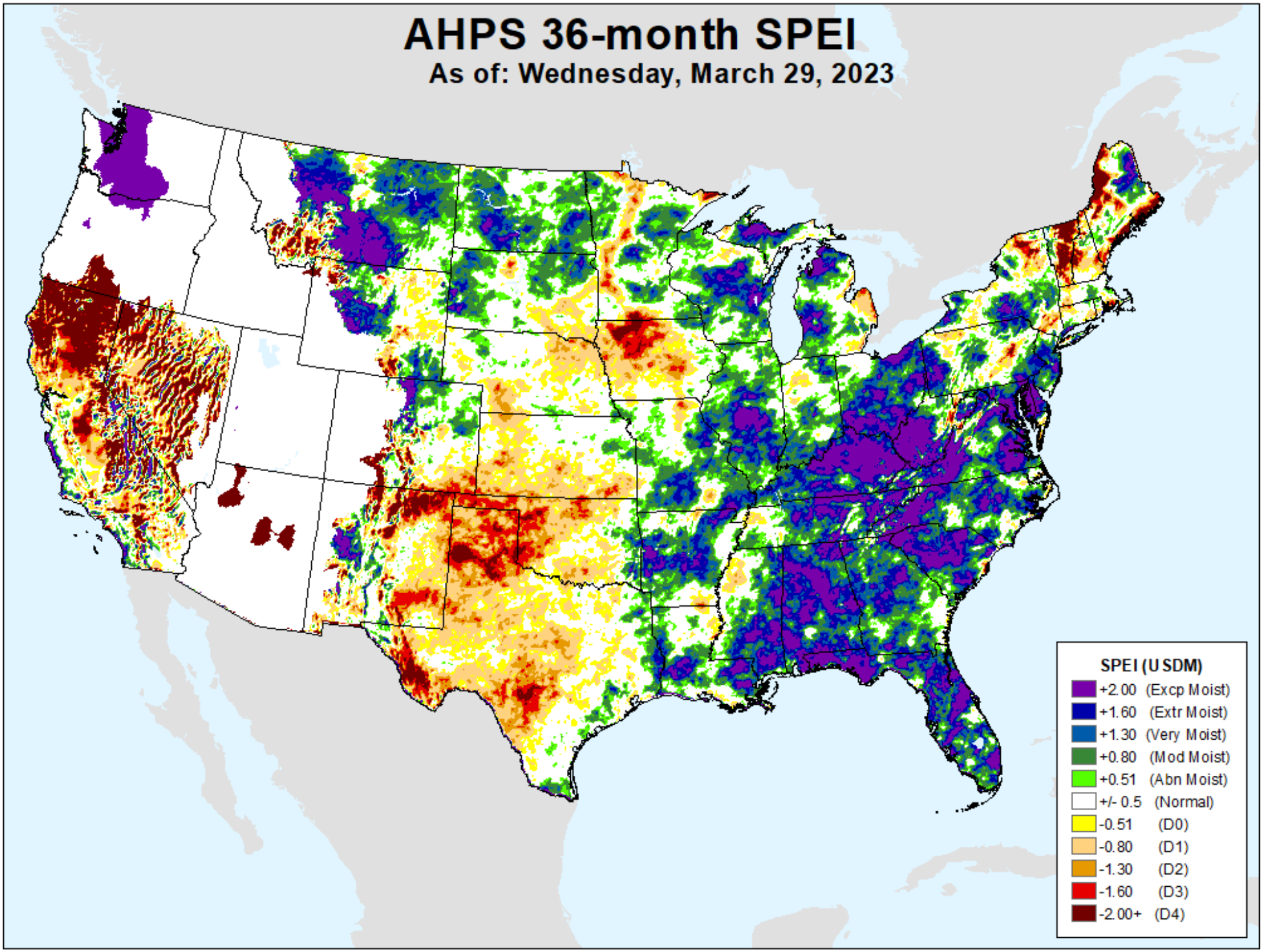
SPEI (USDM)

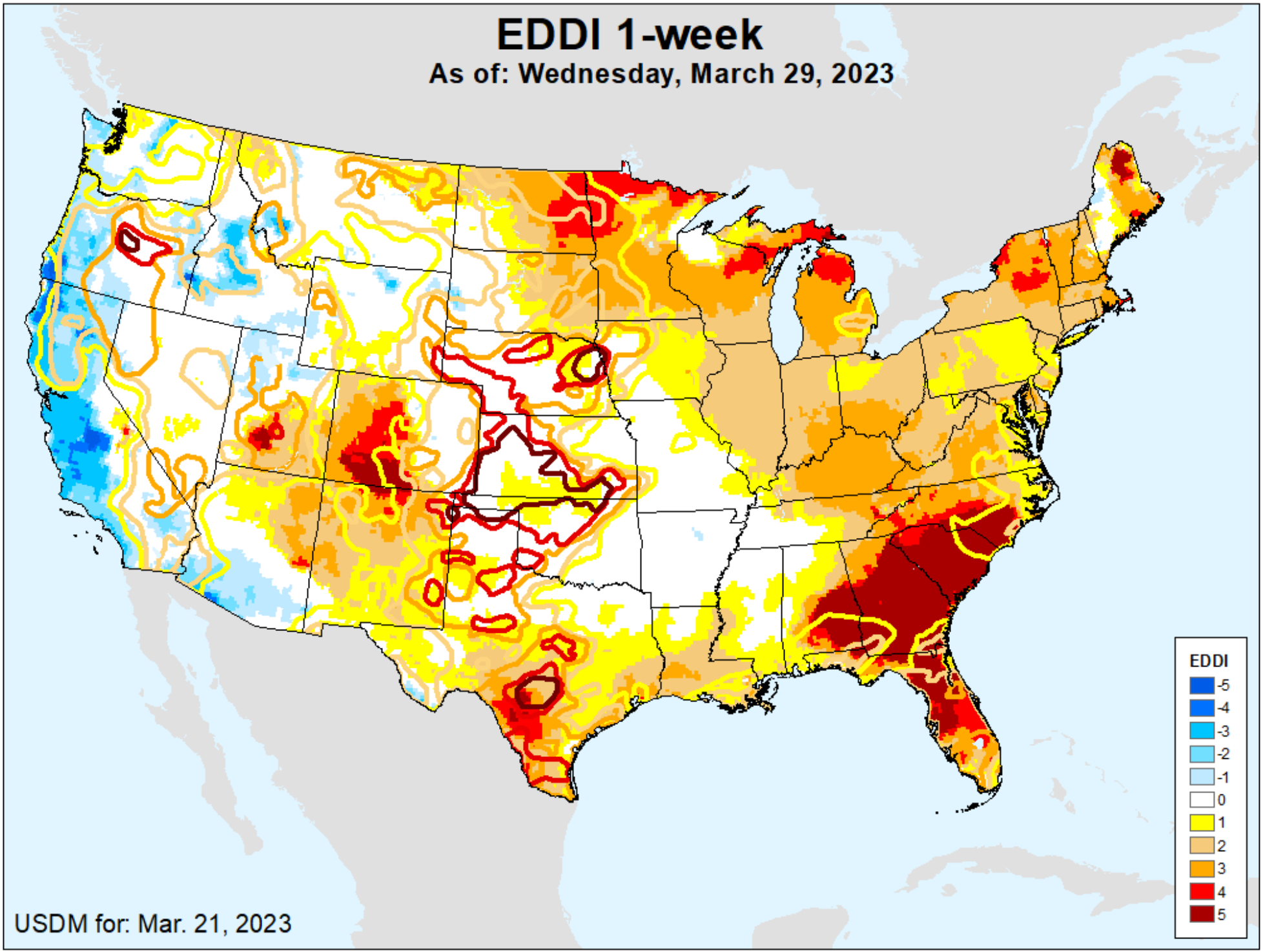
+2.00	(Excp Moist)
+1.60	(Extr Moist)
+1.30	(Very Moist)
+0.80	(Mod Moist)
+0.51	(Abn Moist)
+/- 0.5	(Normal)
-0.51	(D0)
-0.80	(D1)
-1.30	(D2)
-1.60	(D3)
-2.00+	(D4)

USDM for: Mar. 21, 2023

AHPS 36-month SPEI

As of: Wednesday, March 29, 2023




EDDI 1-week
As of: Wednesday, March 29, 2023
EDDI
-5
-4
-3
-2
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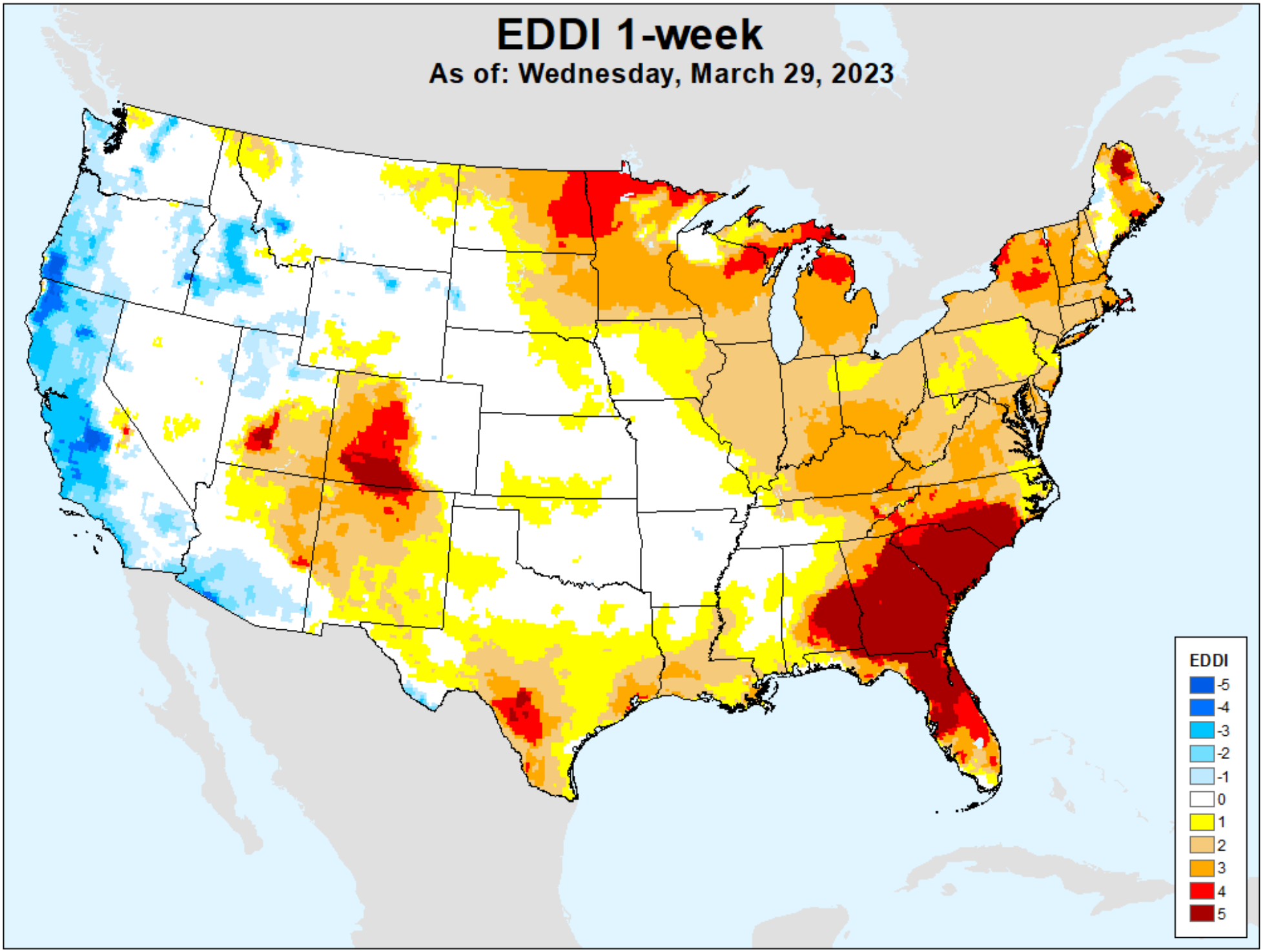
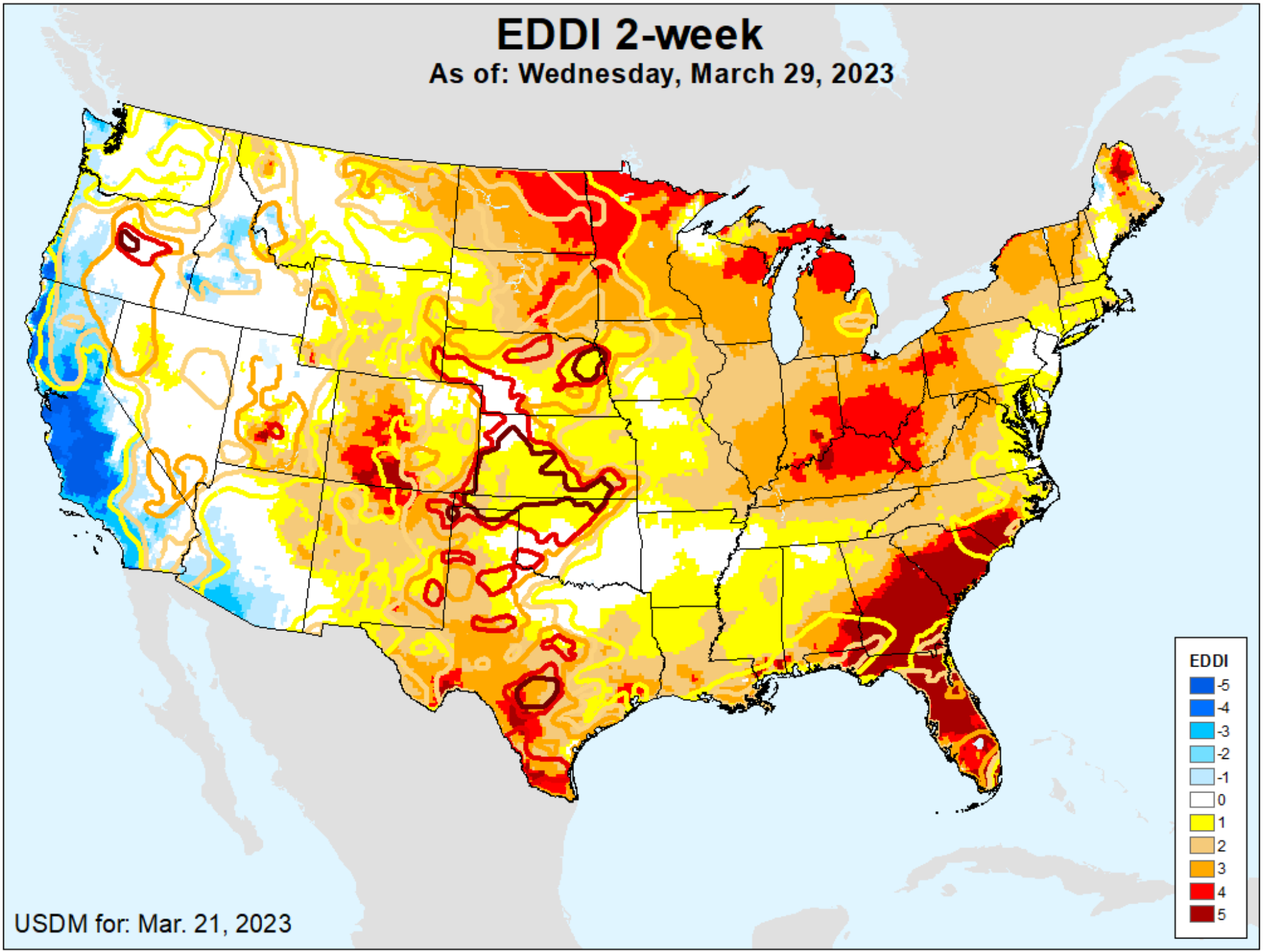
USDM for: Mar. 21, 2023

EDDI 1-week

As of: Wednesday, March 29, 2023




EDDI 2-week
As of: Wednesday, March 29, 2023
EDDI
-5
-4
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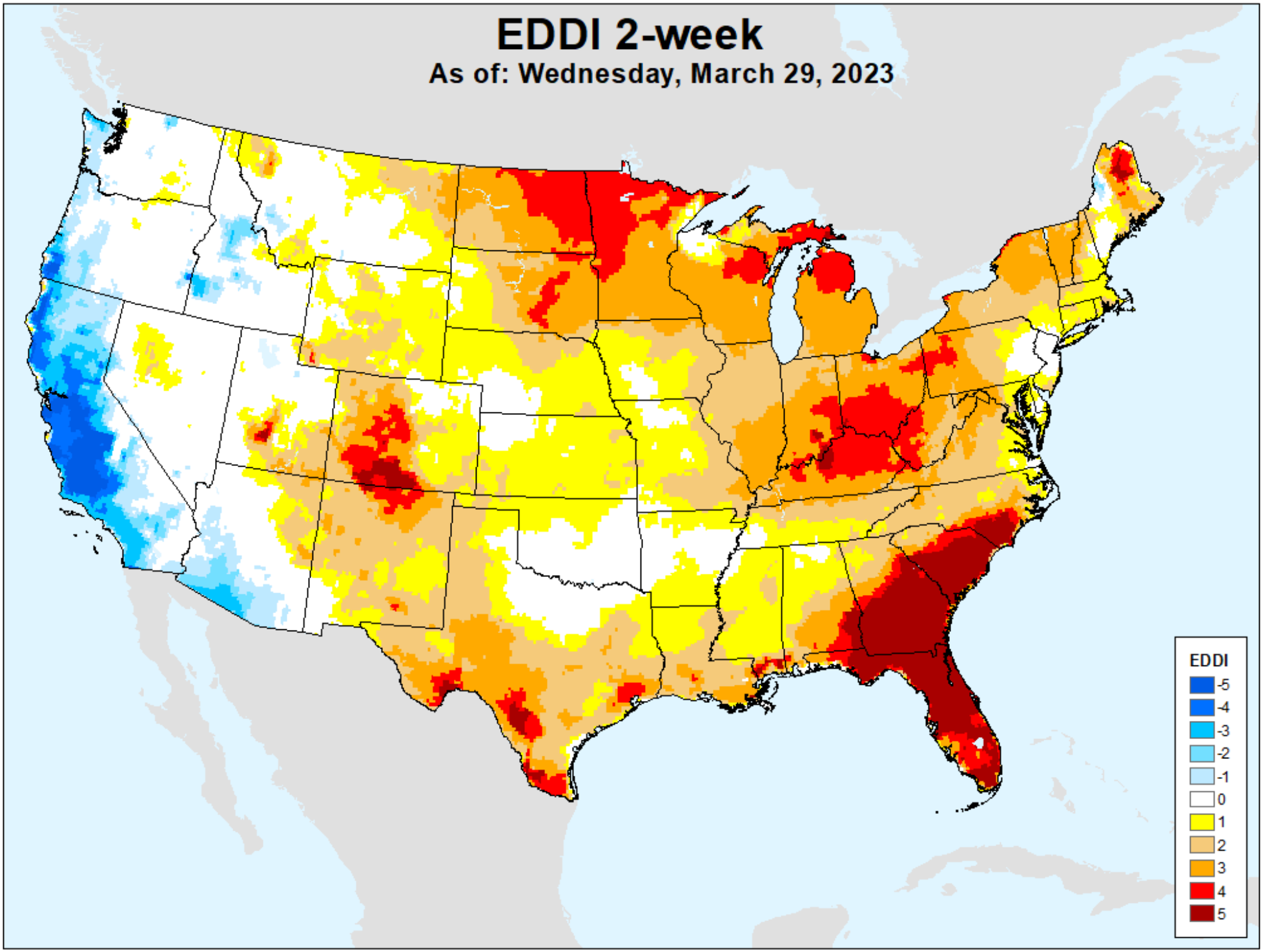
USDM for: Mar. 21, 2023

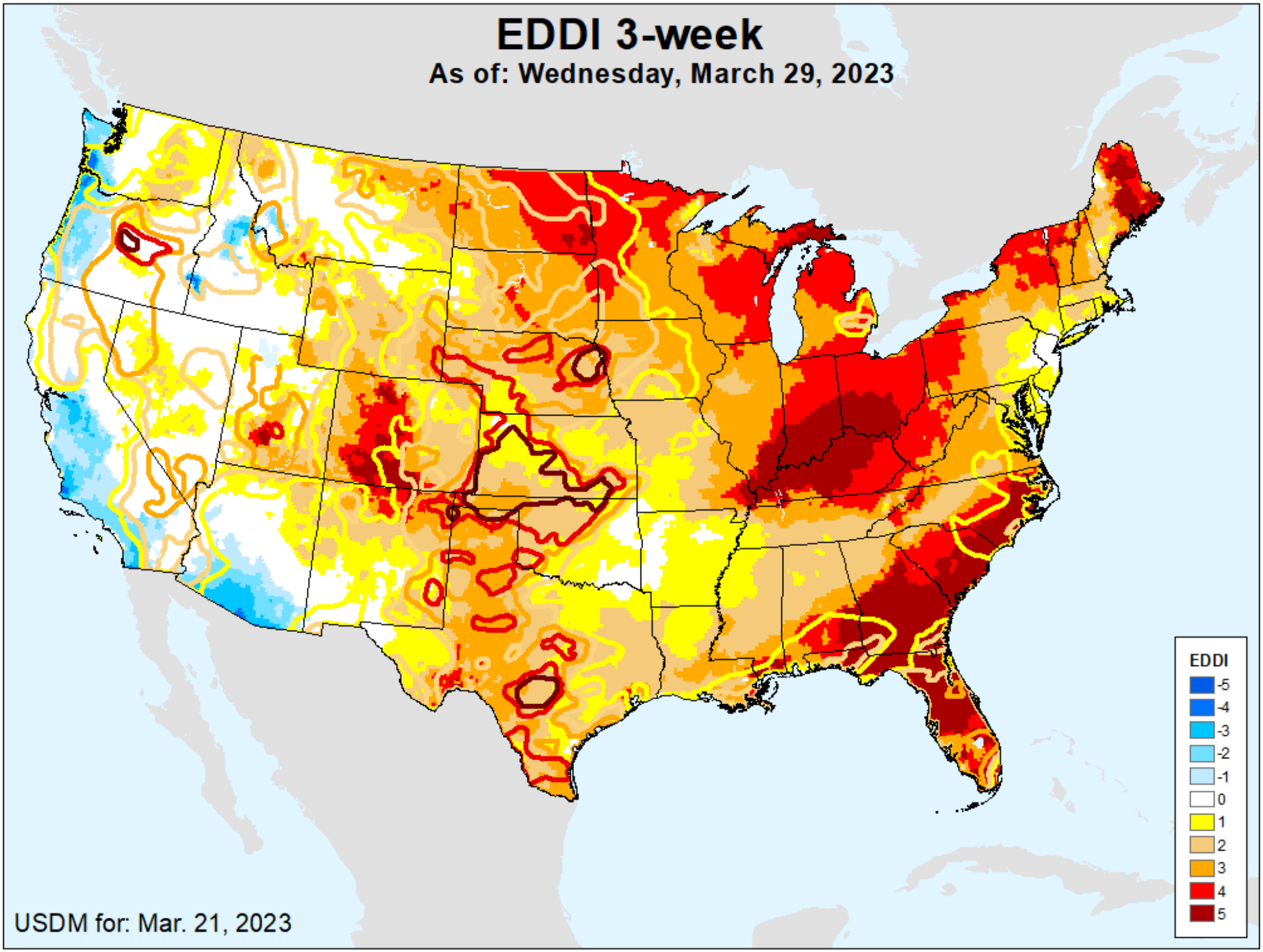
EDDI 2-week

As of: Wednesday, March 29, 2023



EDDI 3-week

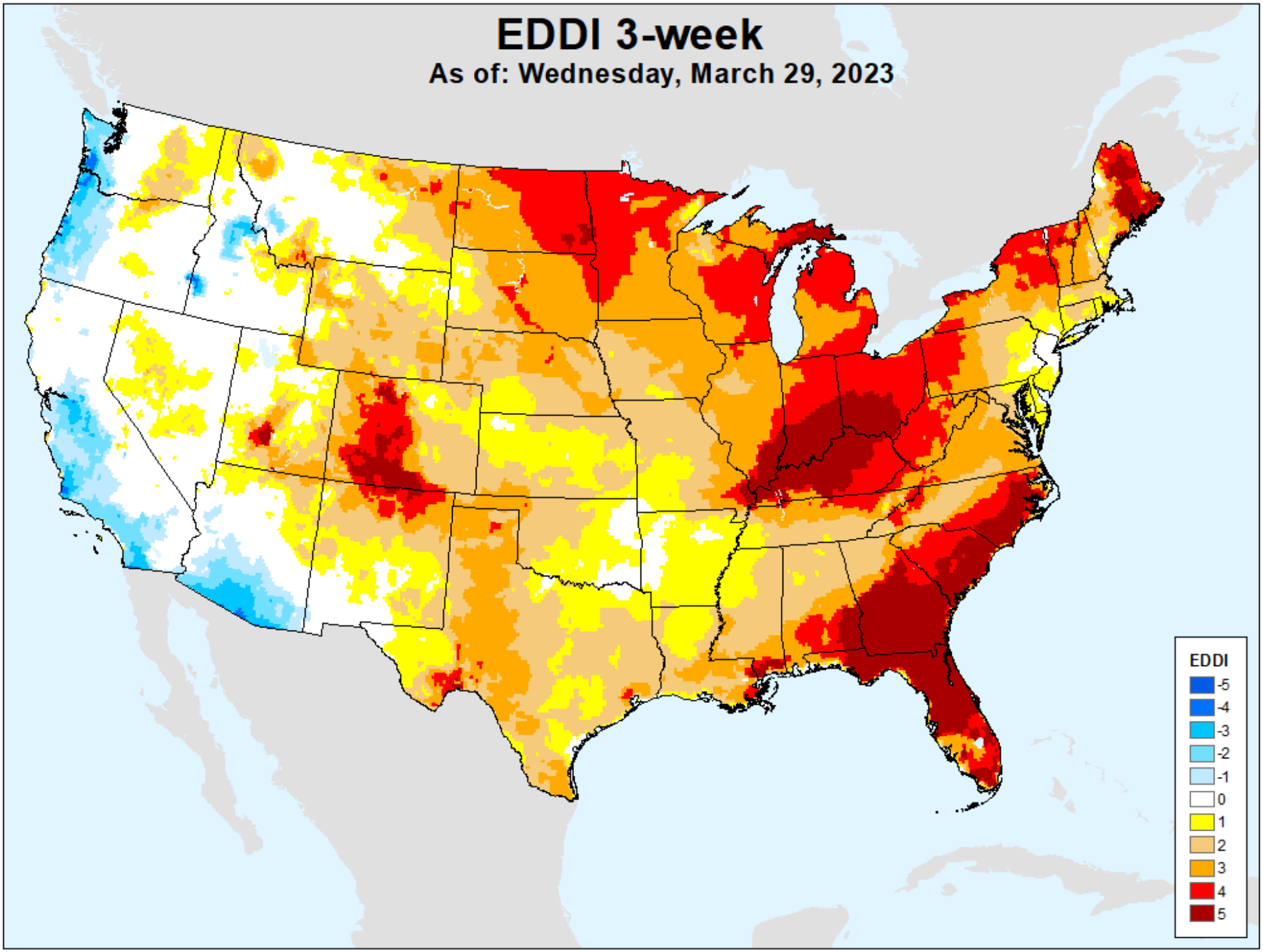
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

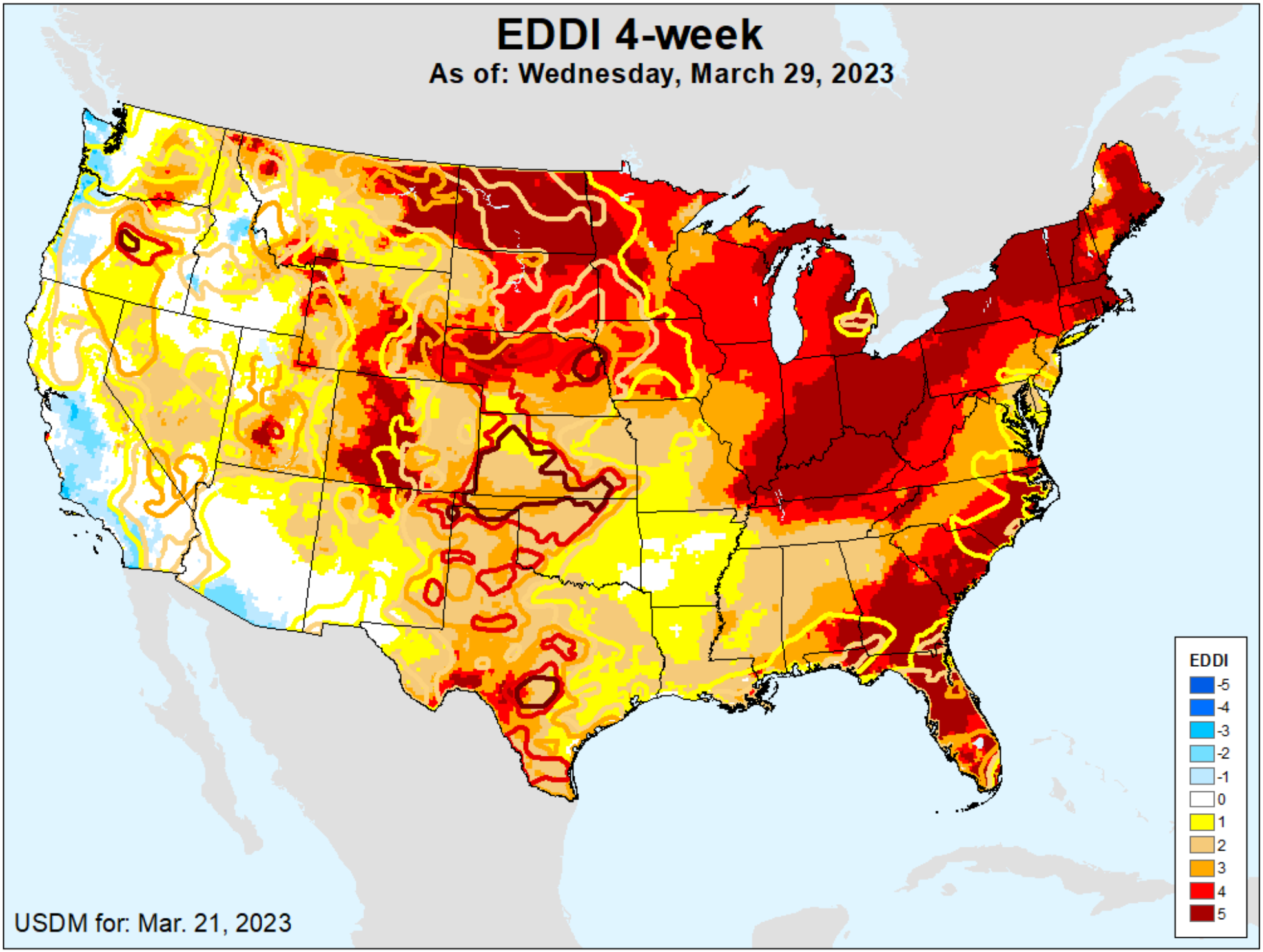
EDDI 3-week

As of: Wednesday, March 29, 2023



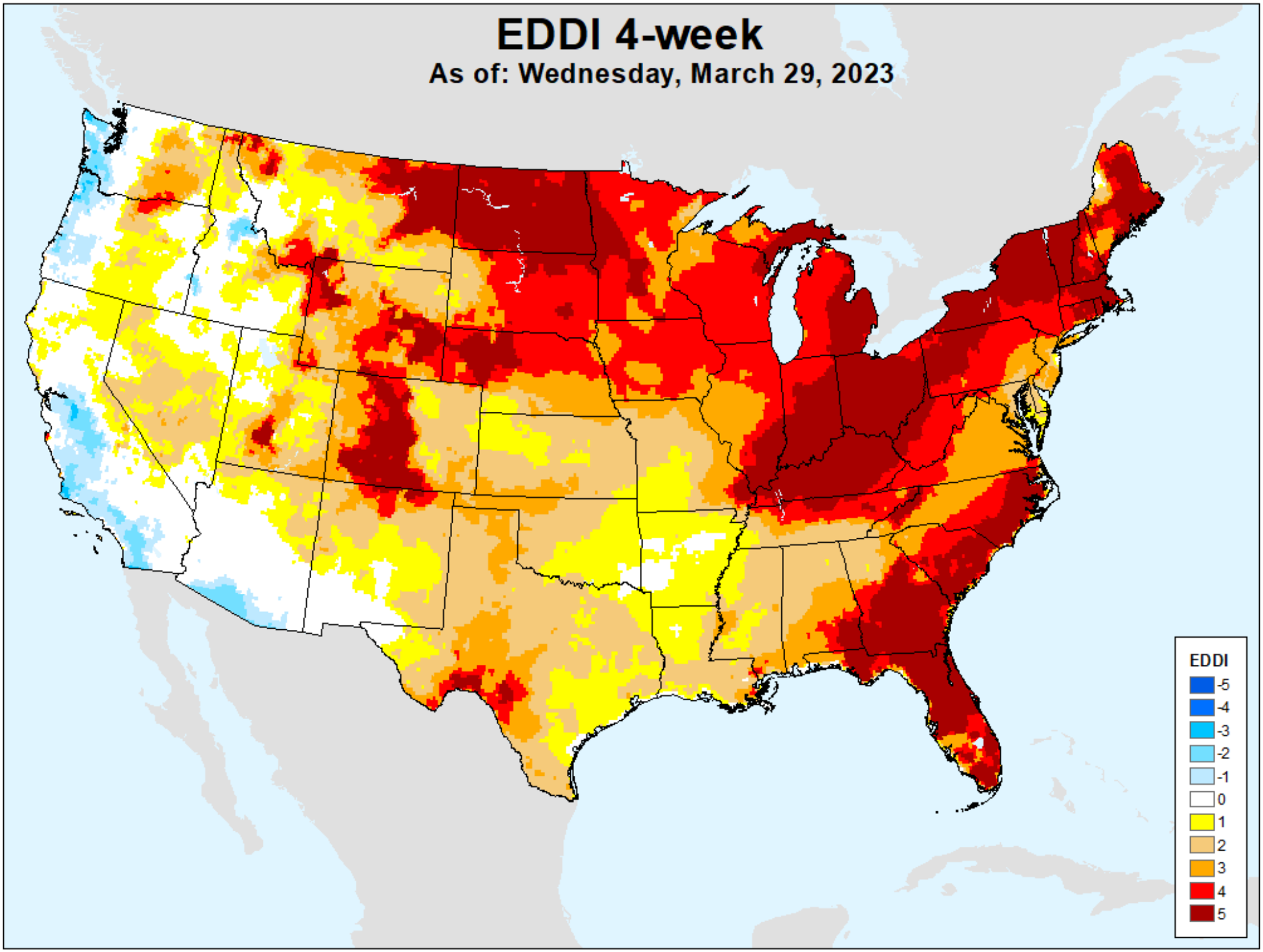
EDDI 4-week

As of: Wednesday, March 29, 2023



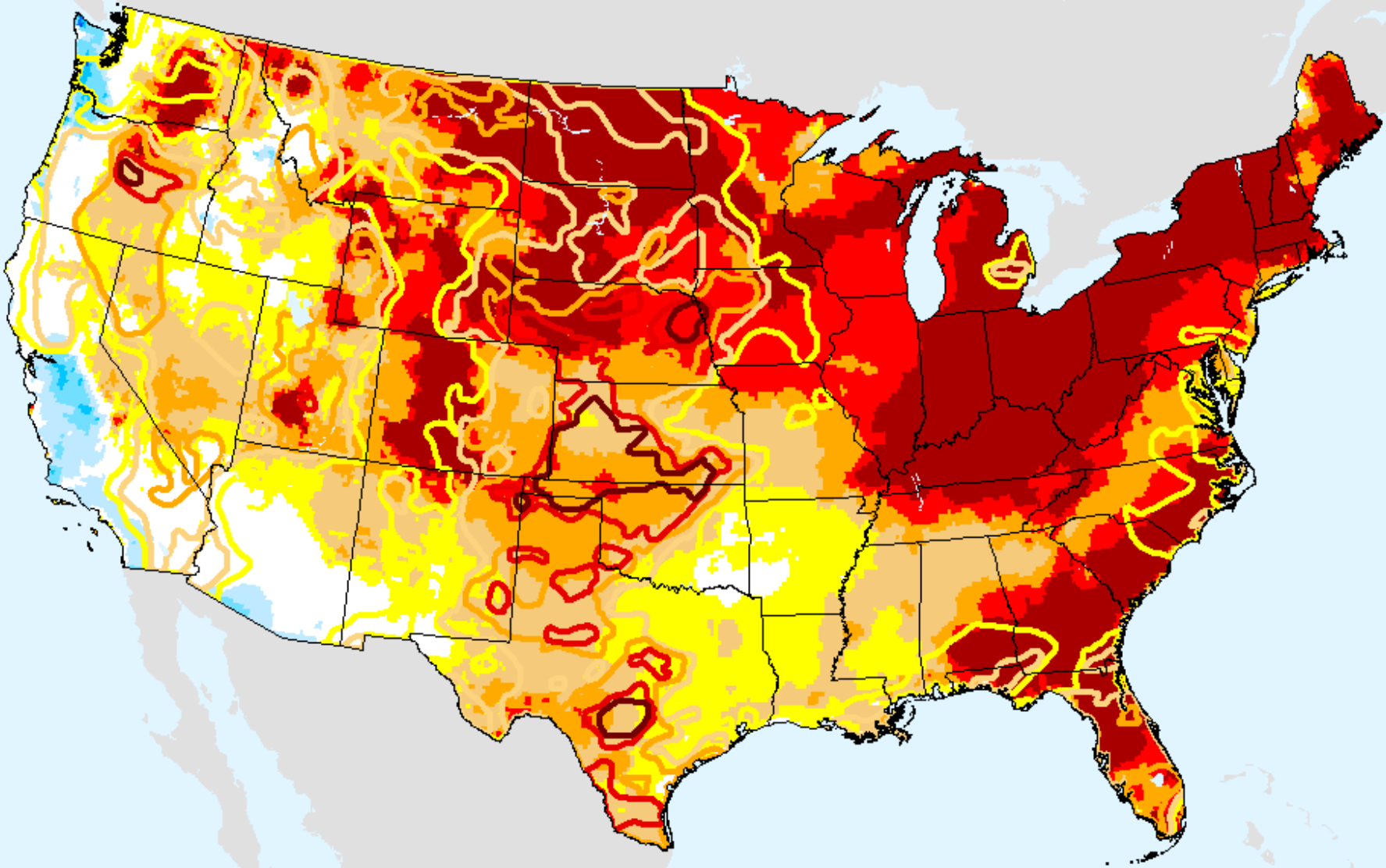
EDDI 4-week

As of: Wednesday, March 29, 2023



EDDI 5-week

As of: Wednesday, March 29, 2023



EDDI
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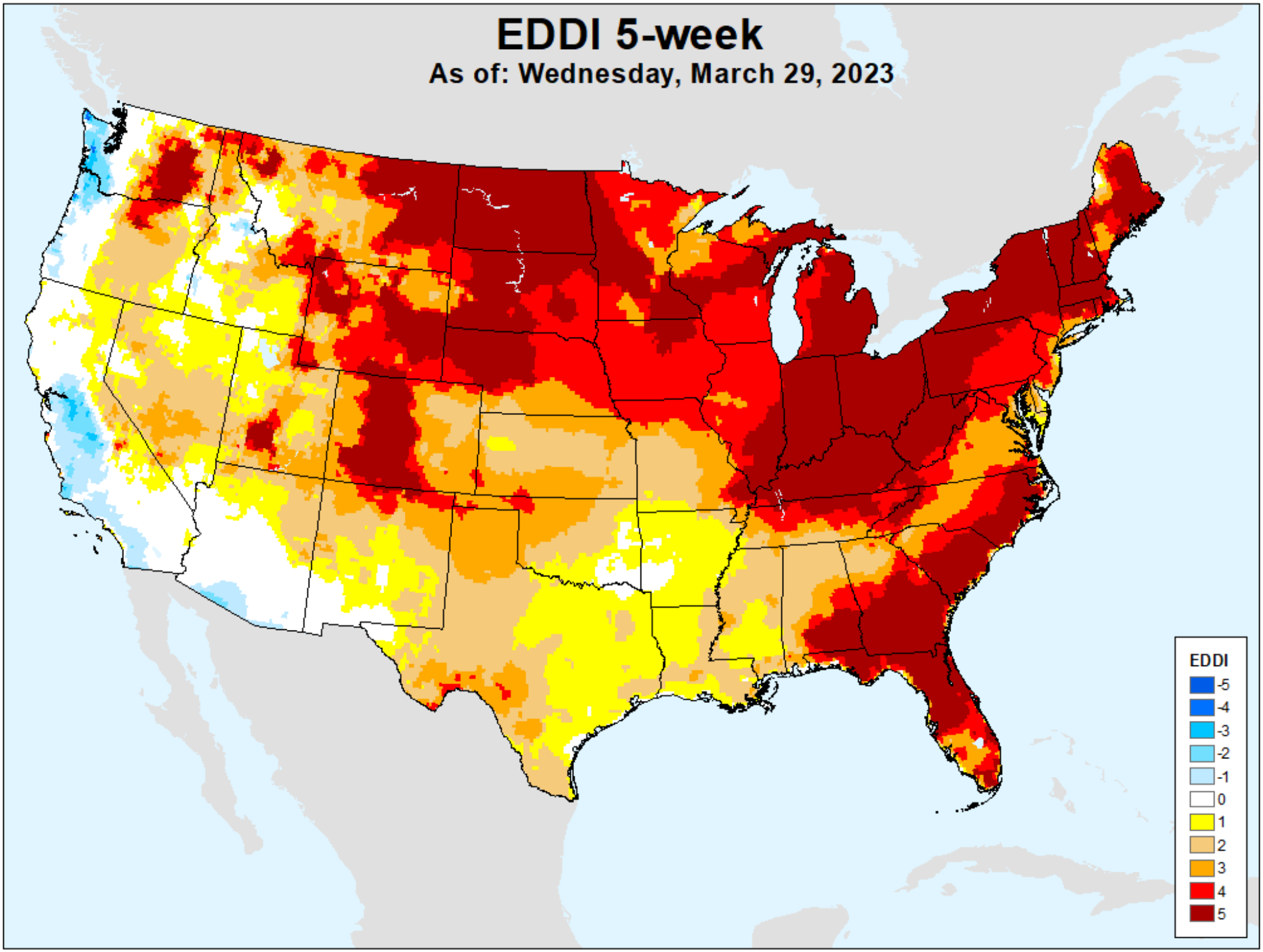
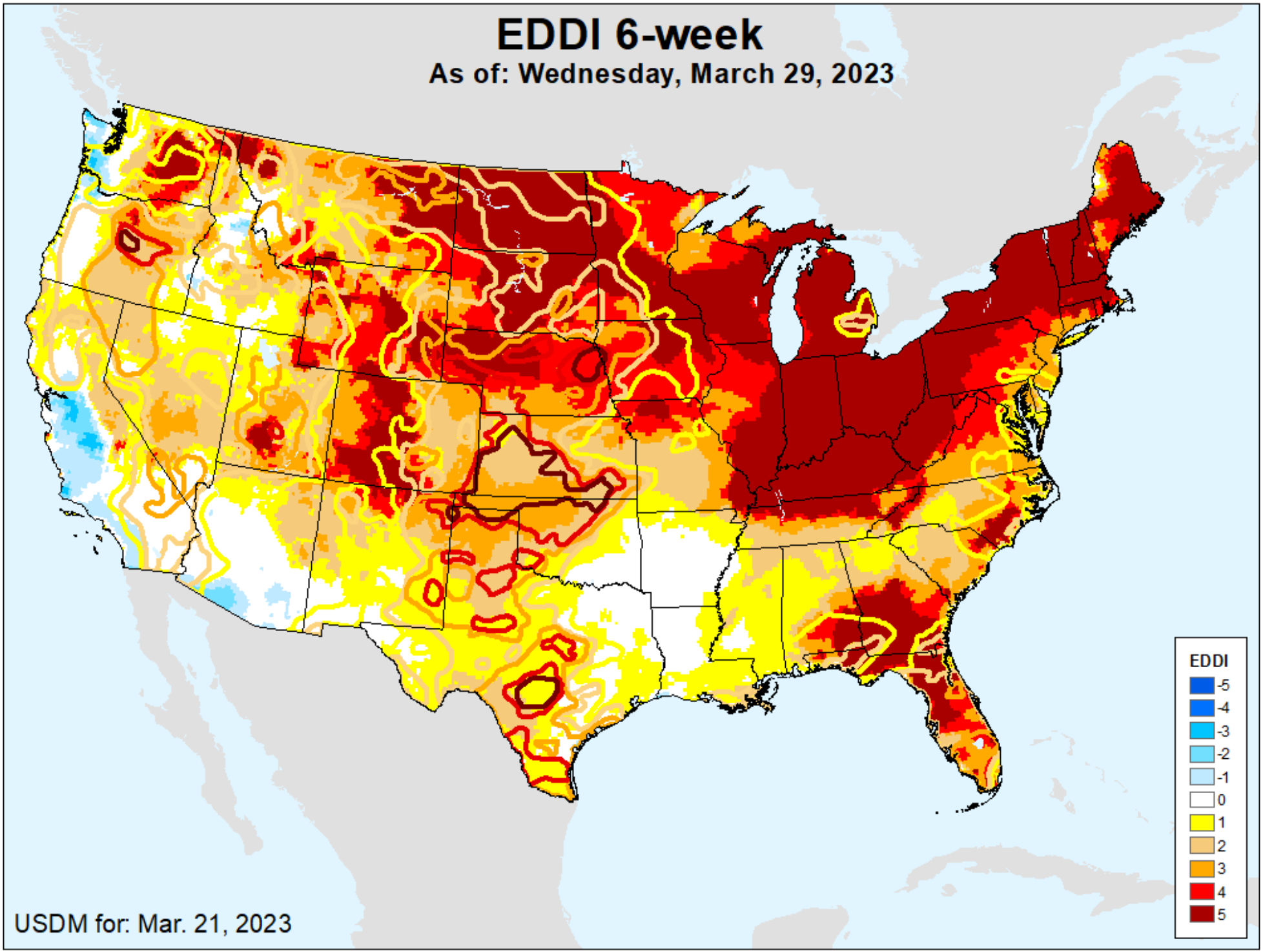
USDM for: Mar. 21, 2023

EDDI 5-week

As of: Wednesday, March 29, 2023




EDDI 6-week
As of: Wednesday, March 29, 2023
EDDI
-5
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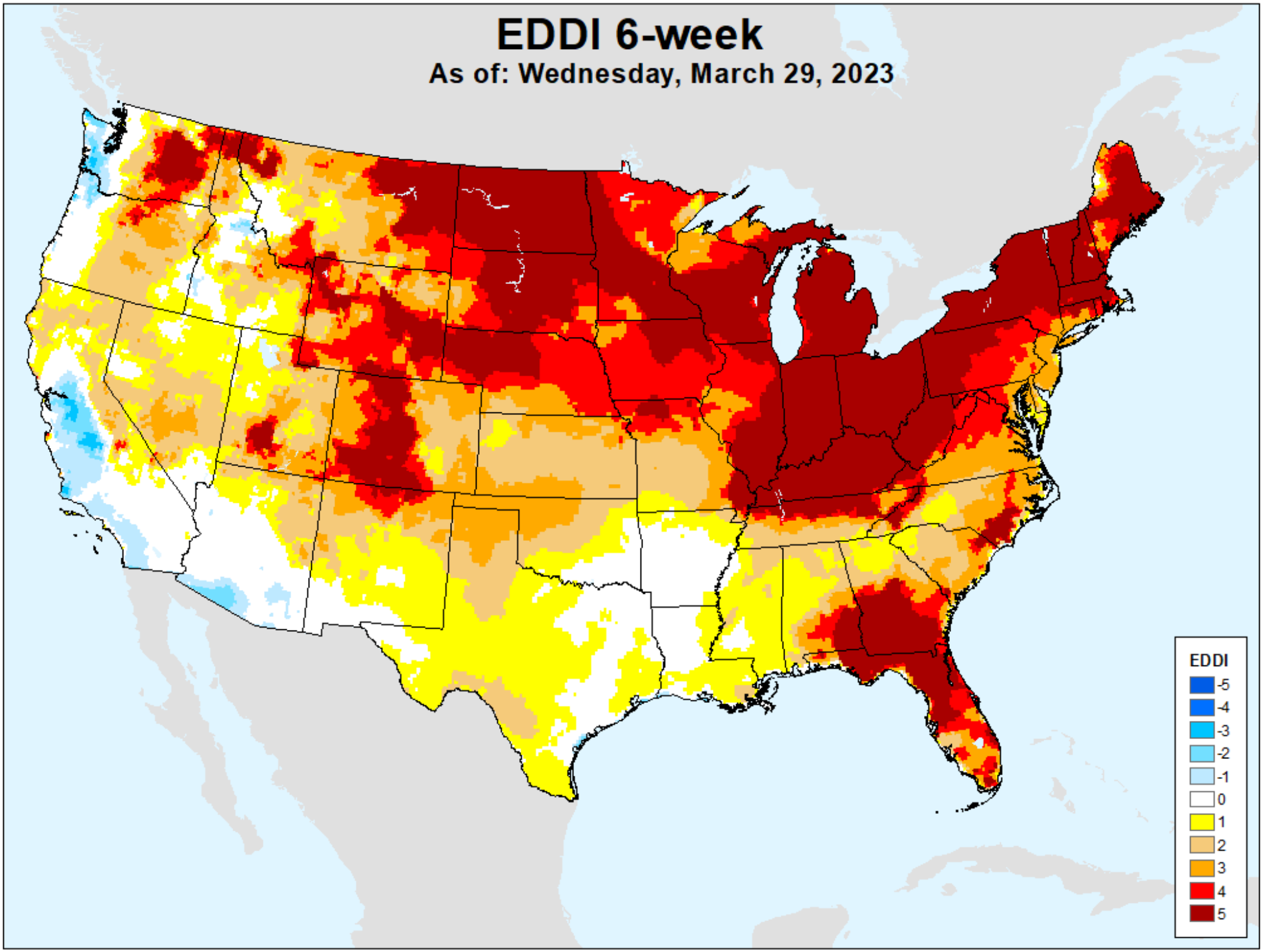
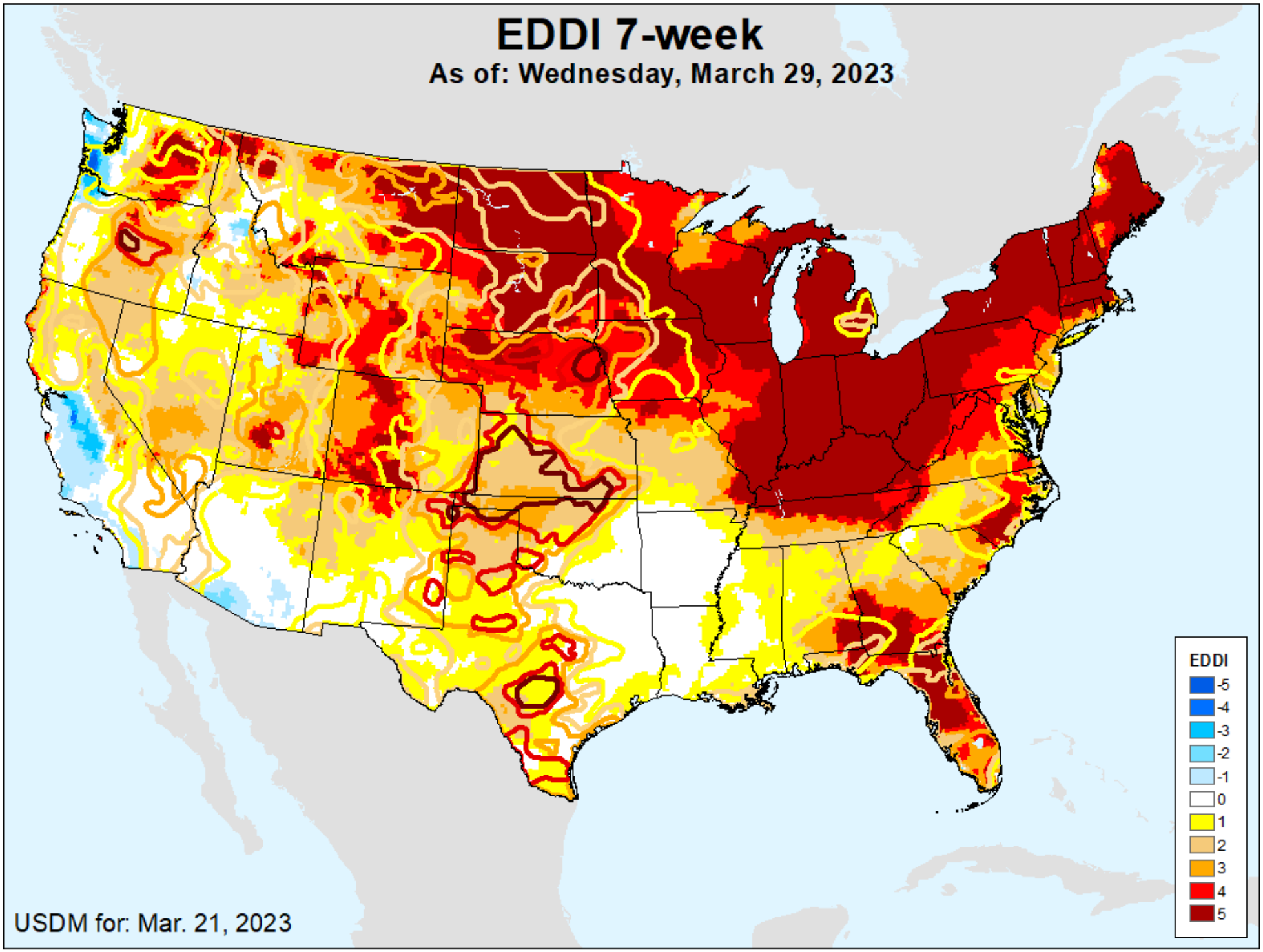
USDM for: Mar. 21, 2023

EDDI 6-week

As of: Wednesday, March 29, 2023




EDDI 7-week
As of: Wednesday, March 29, 2023
EDDI
-5
-4
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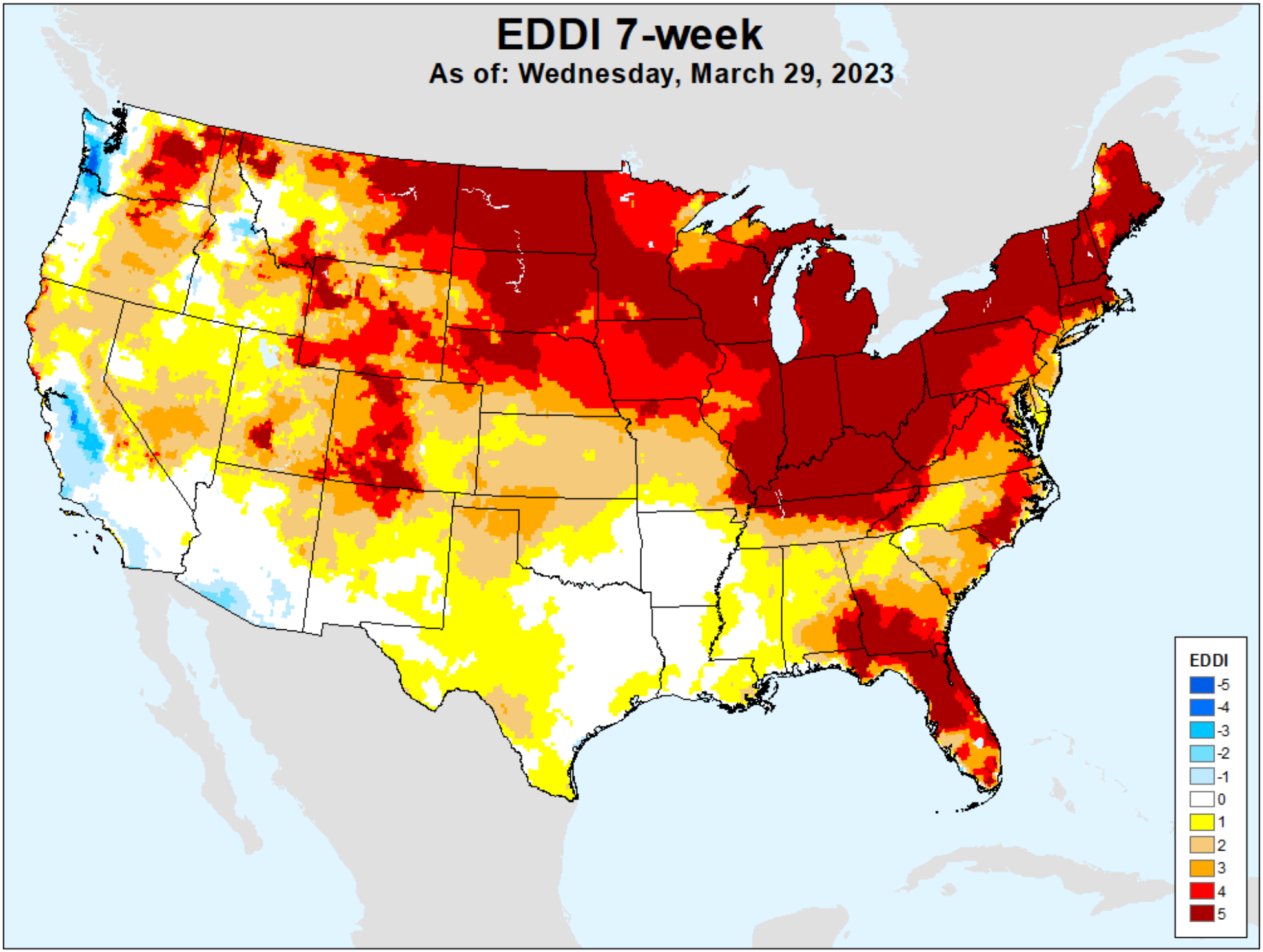
USDM for: Mar. 21, 2023

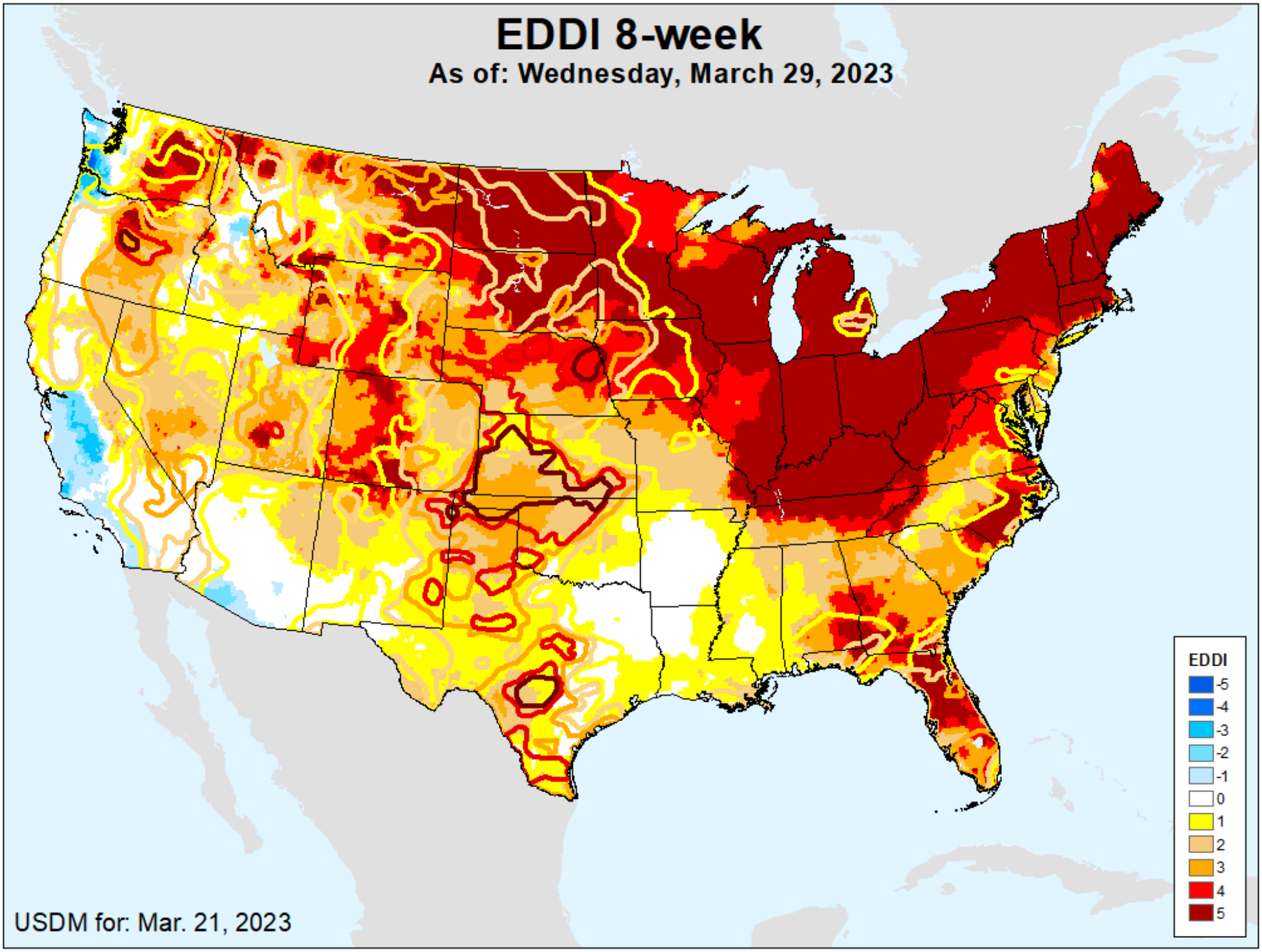
EDDI 7-week

As of: Wednesday, March 29, 2023



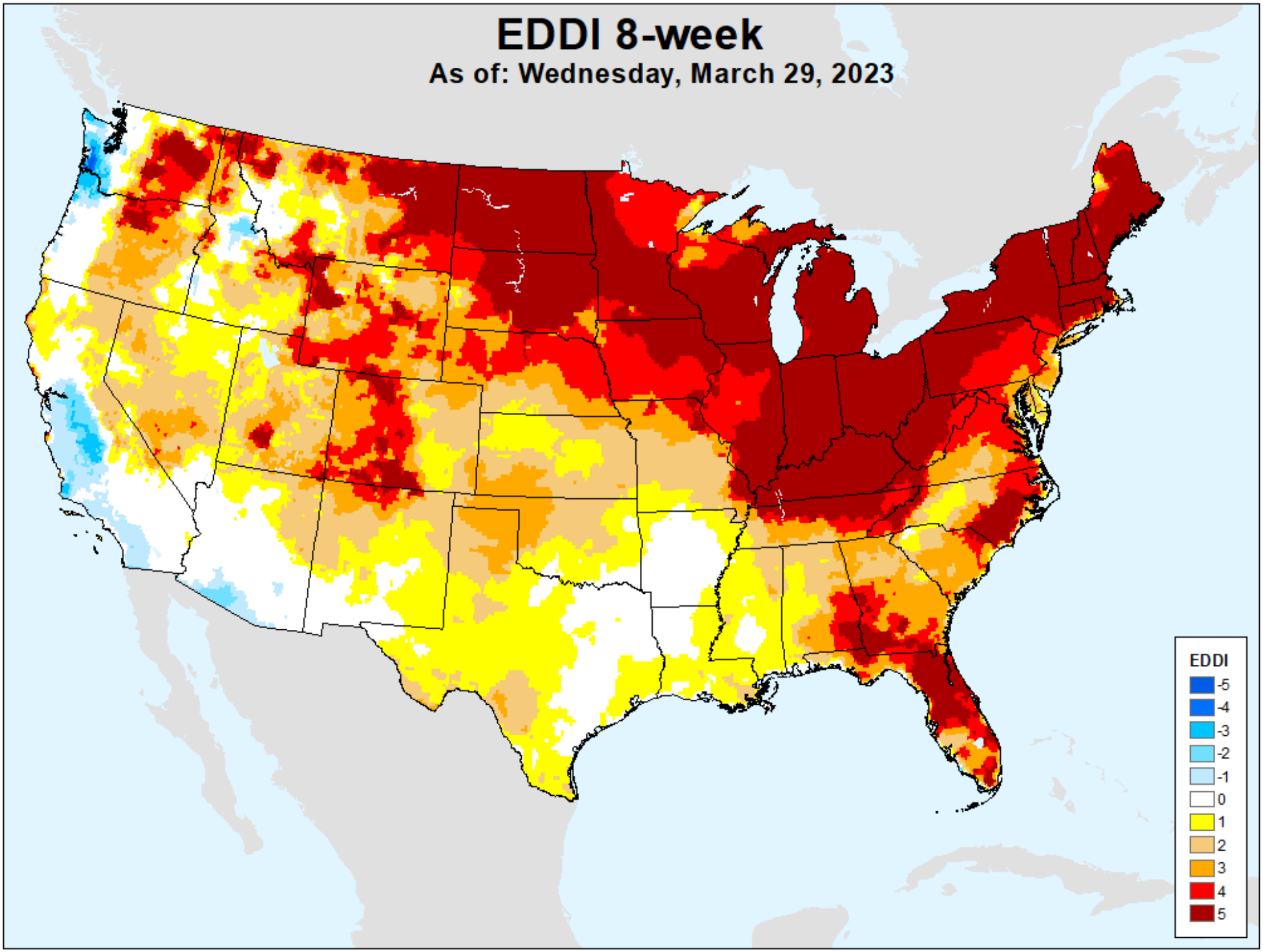
EDDI 8-week

As of: Wednesday, March 29, 2023



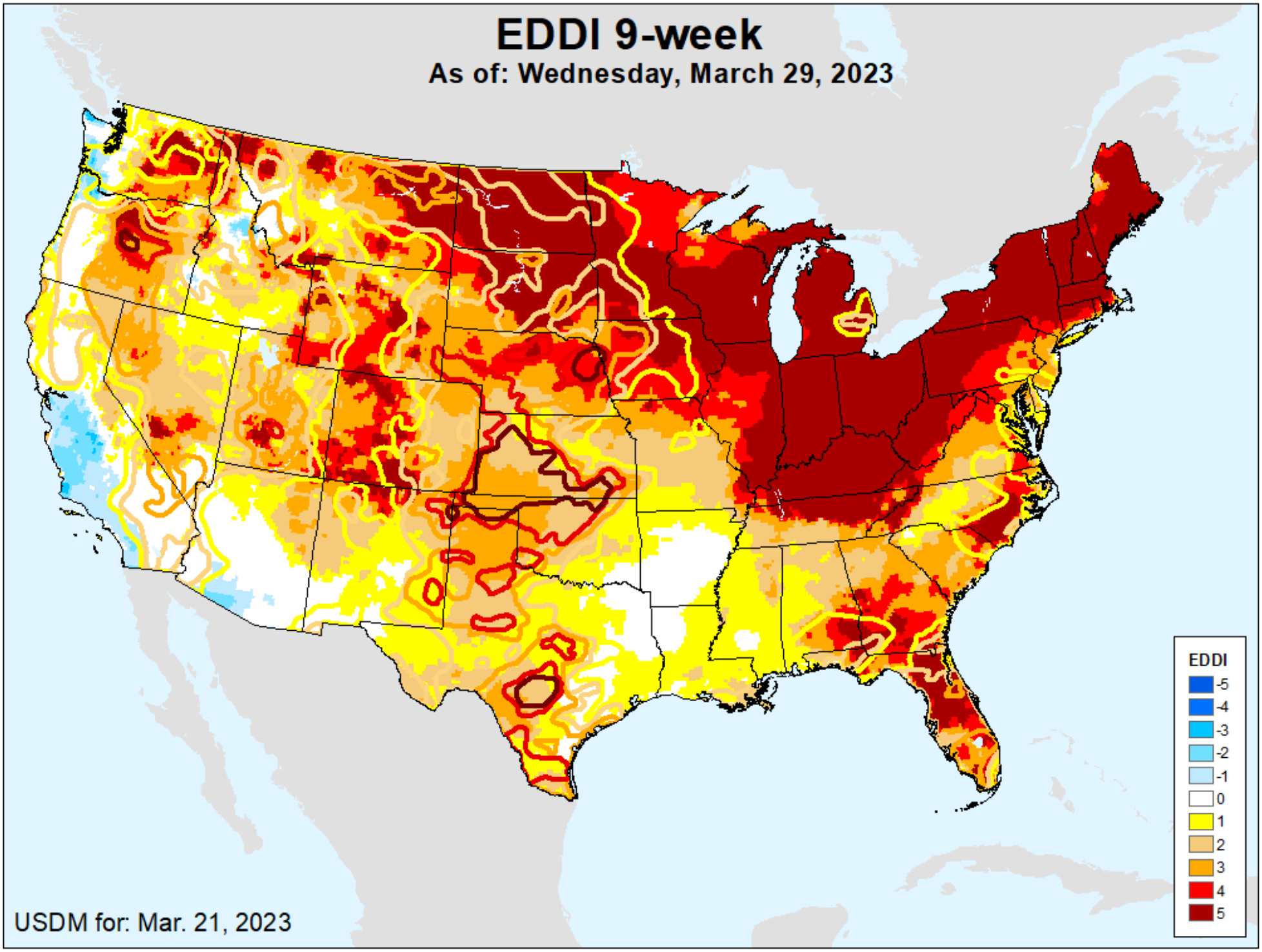
EDDI 8-week

As of: Wednesday, March 29, 2023



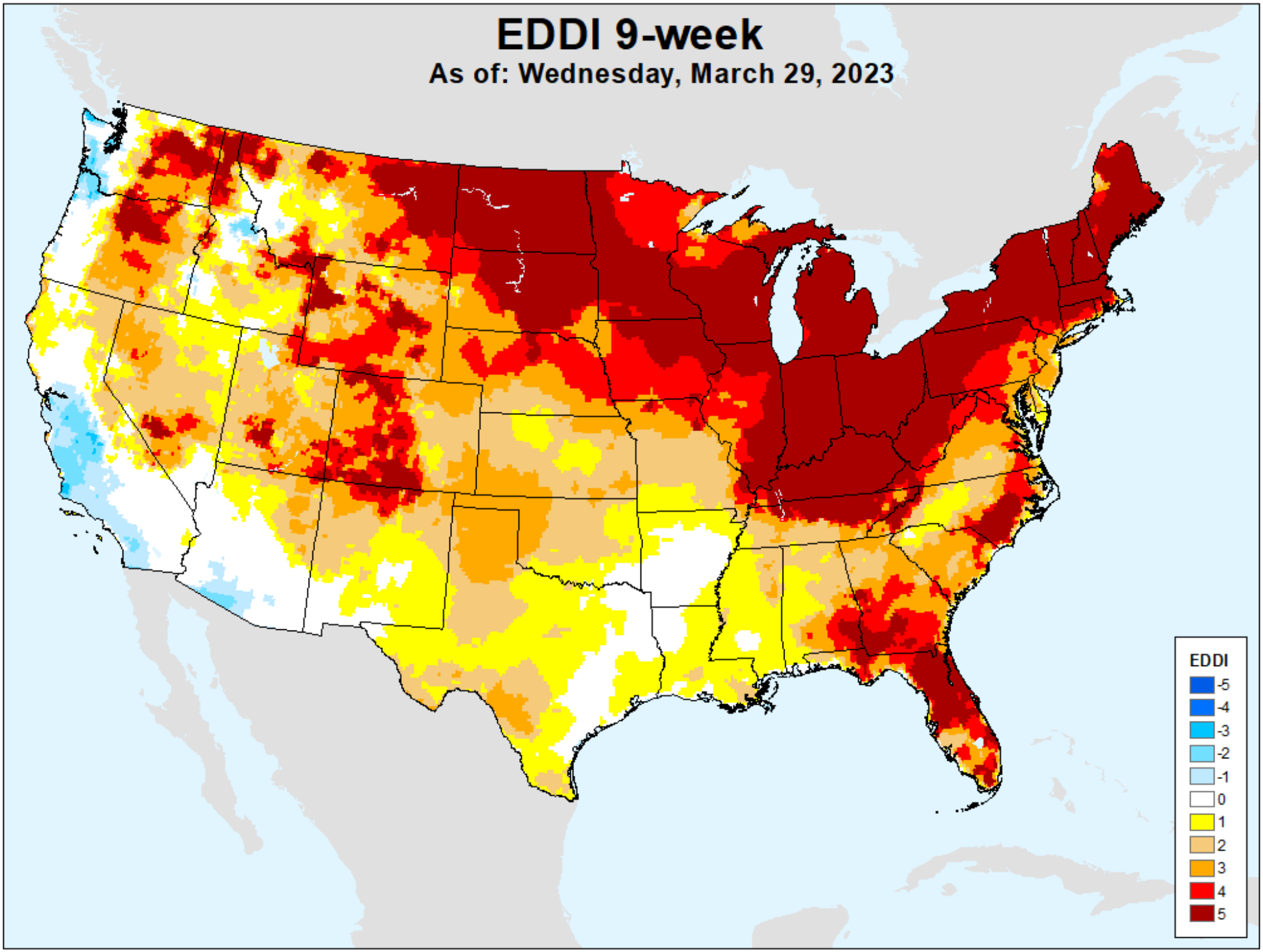
EDDI 9-week

As of: Wednesday, March 29, 2023



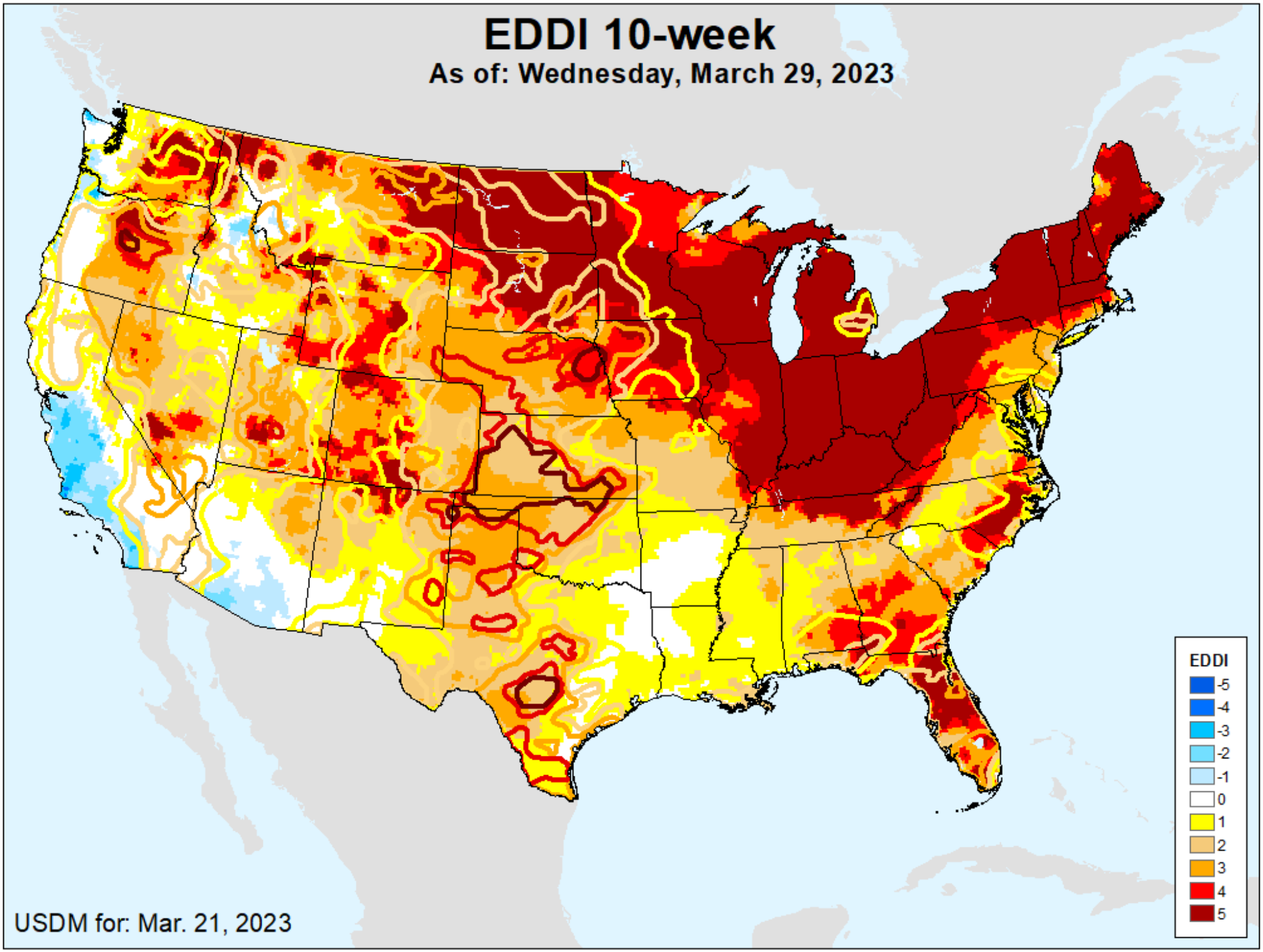
EDDI 9-week

As of: Wednesday, March 29, 2023



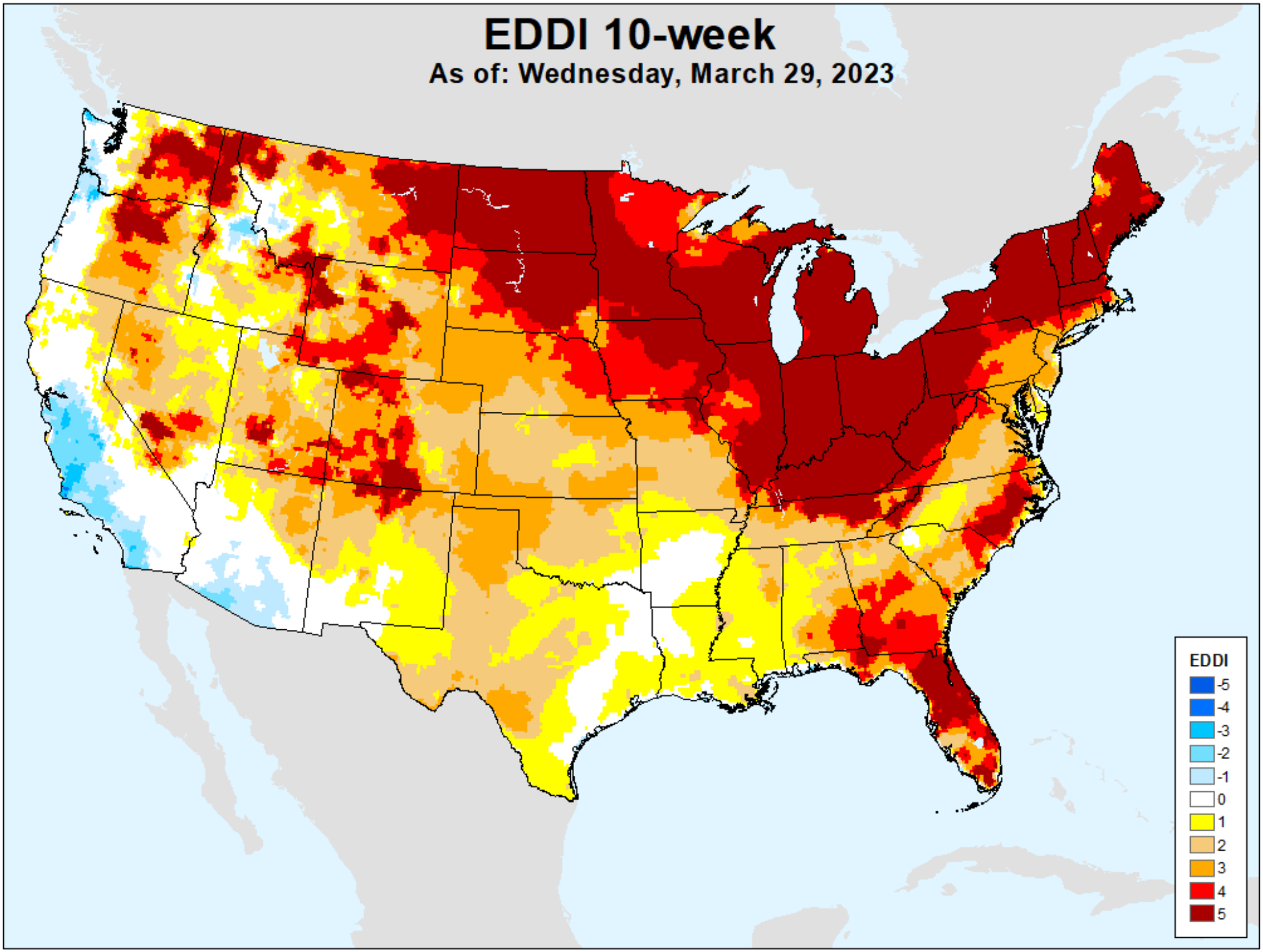
EDDI 10-week

As of: Wednesday, March 29, 2023



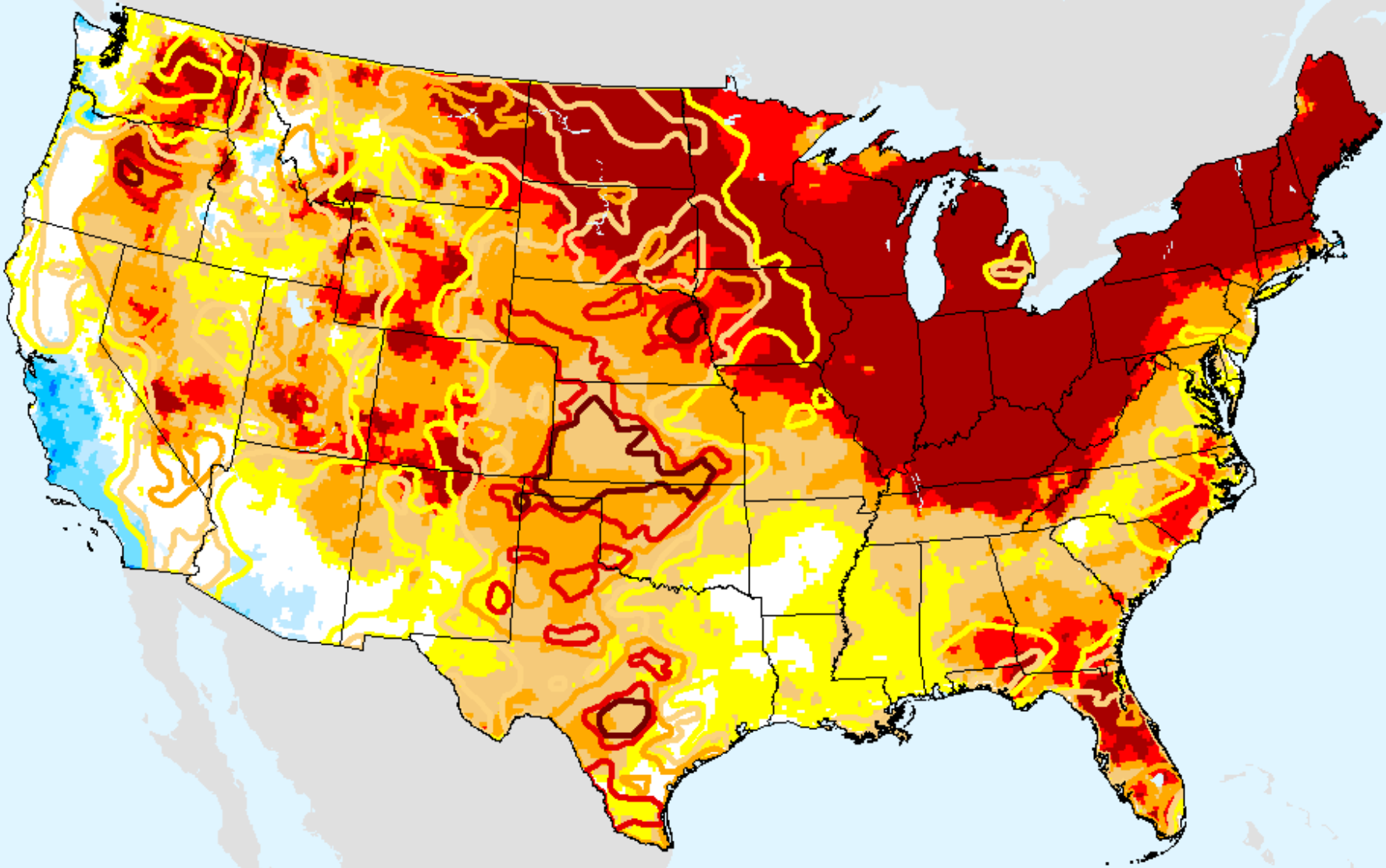
EDDI 10-week

As of: Wednesday, March 29, 2023



EDDI 11-week

As of: Wednesday, March 29, 2023



EDDI
-5
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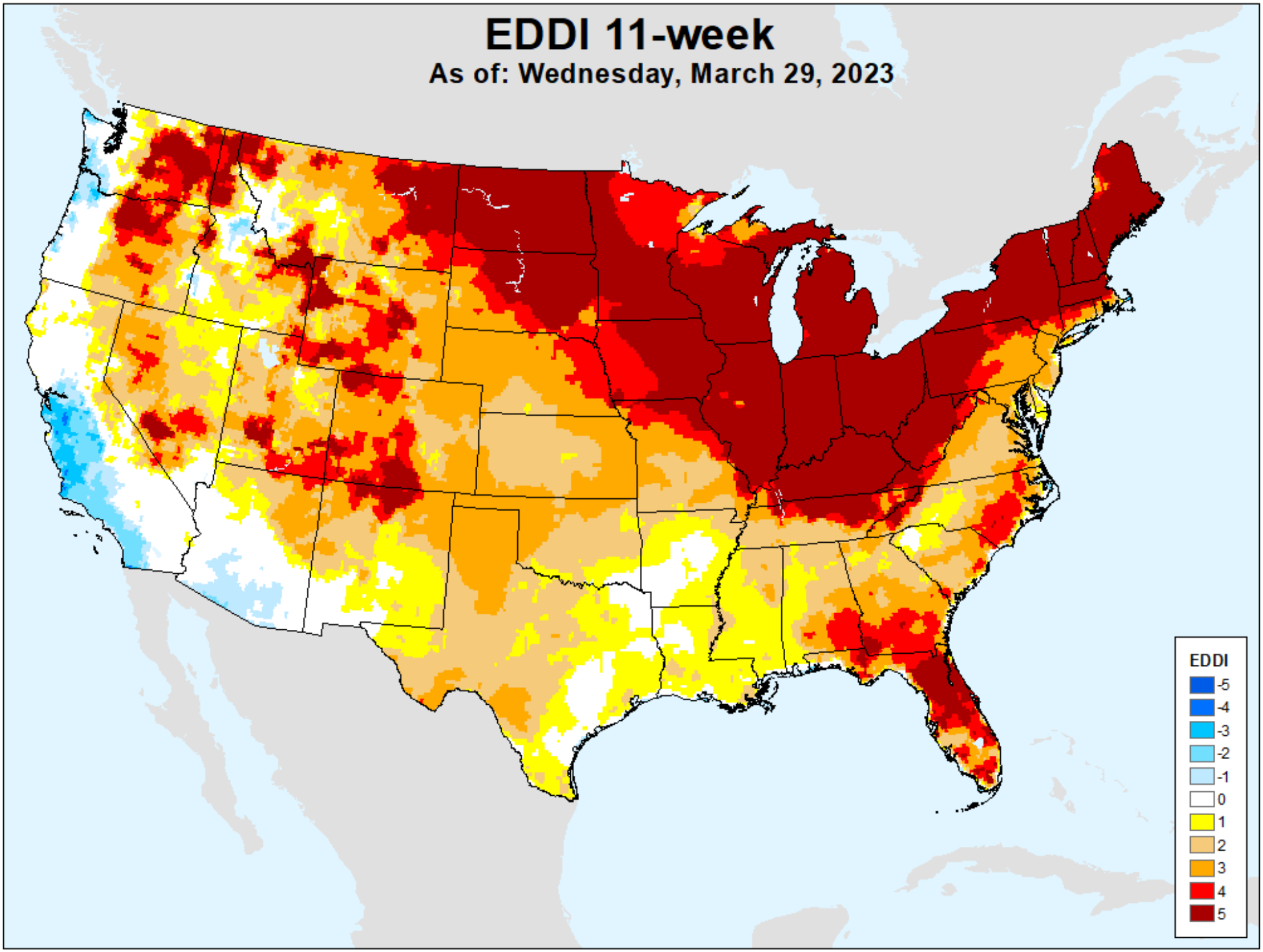
USDM for: Mar. 21, 2023

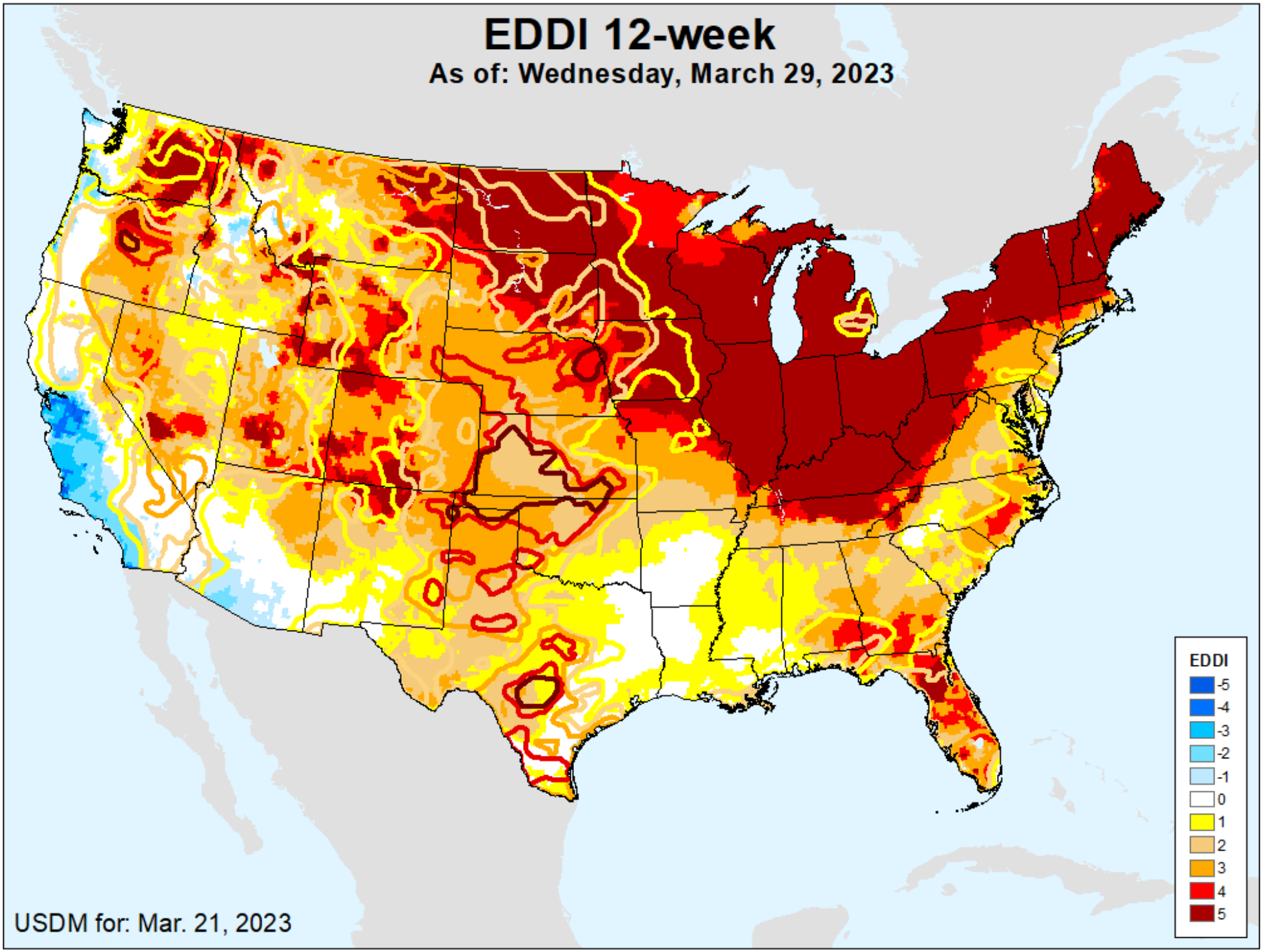
EDDI 11-week

As of: Wednesday, March 29, 2023



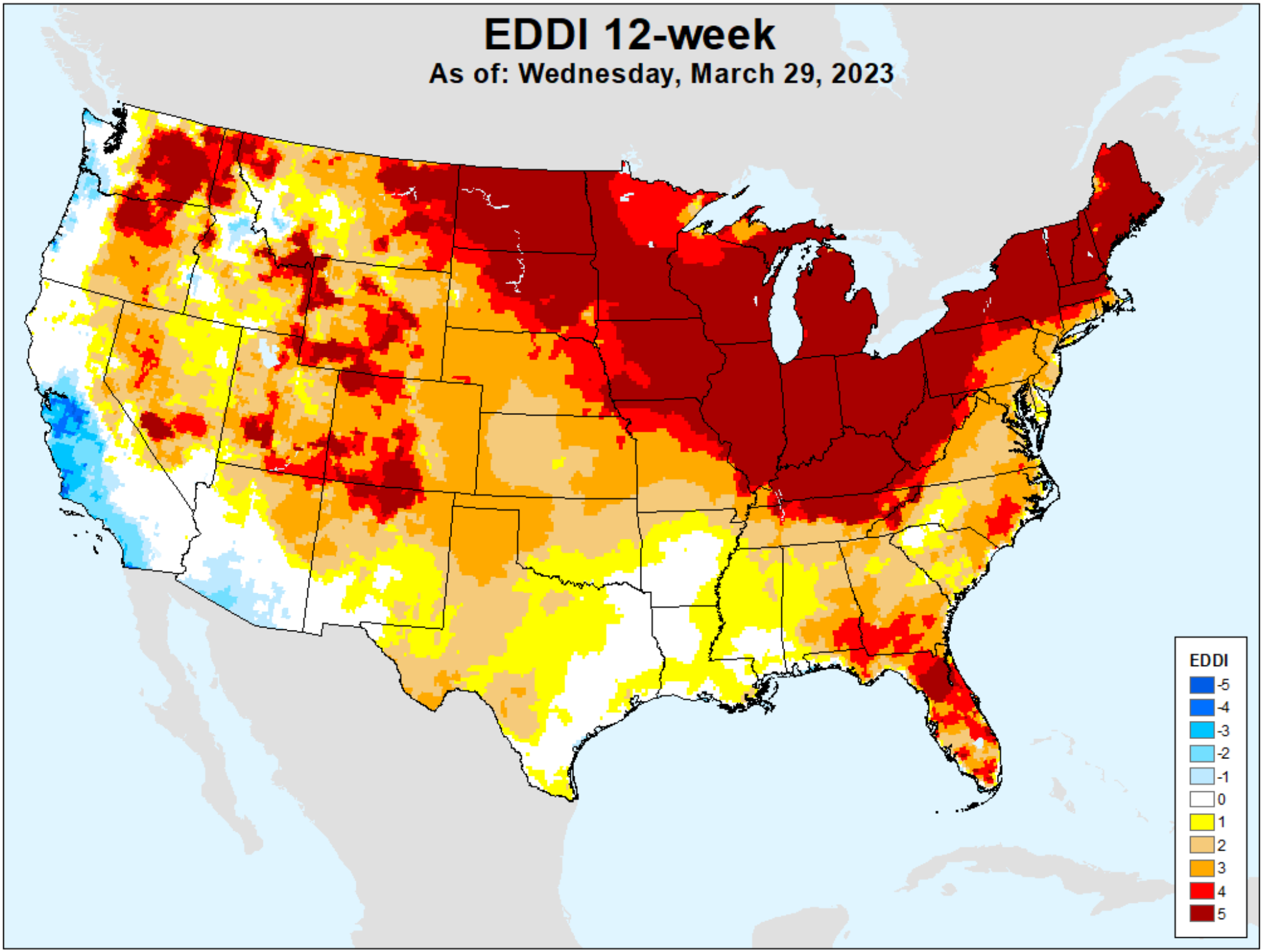
EDDI 12-week

As of: Wednesday, March 29, 2023



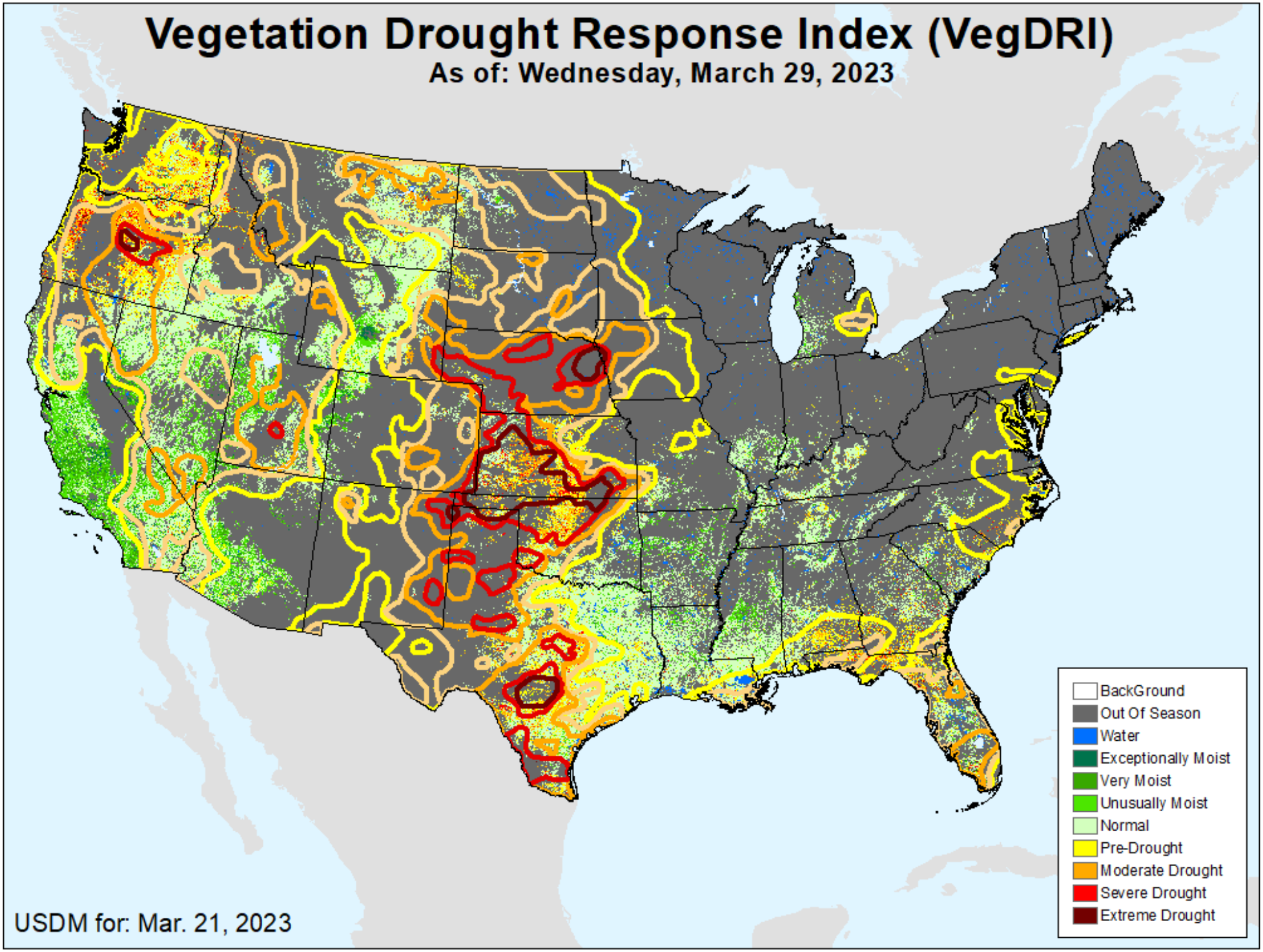
EDDI 12-week

As of: Wednesday, March 29, 2023



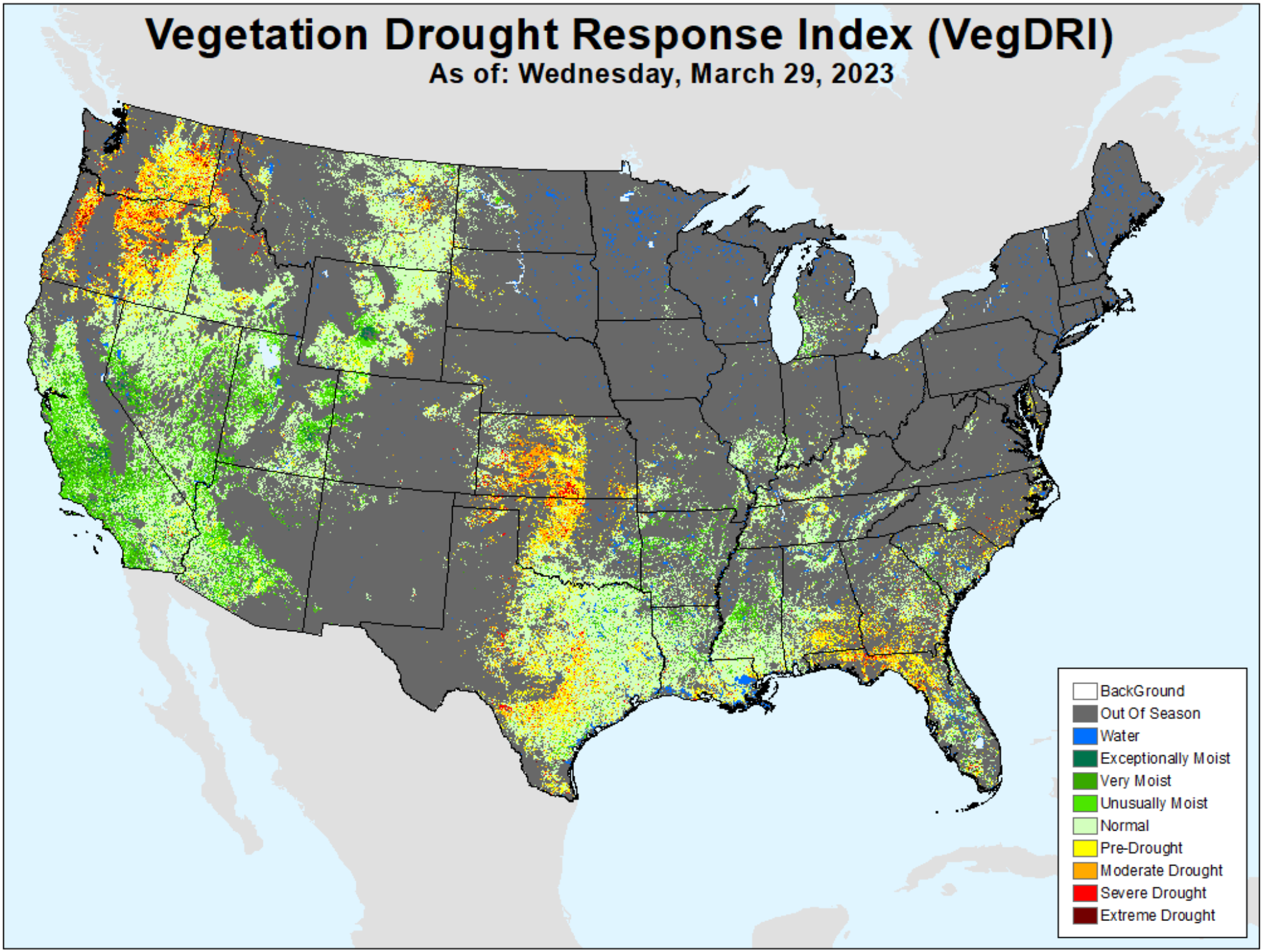
Vegetation Drought Response Index (VegDRI)

As of: Wednesday, March 29, 2023



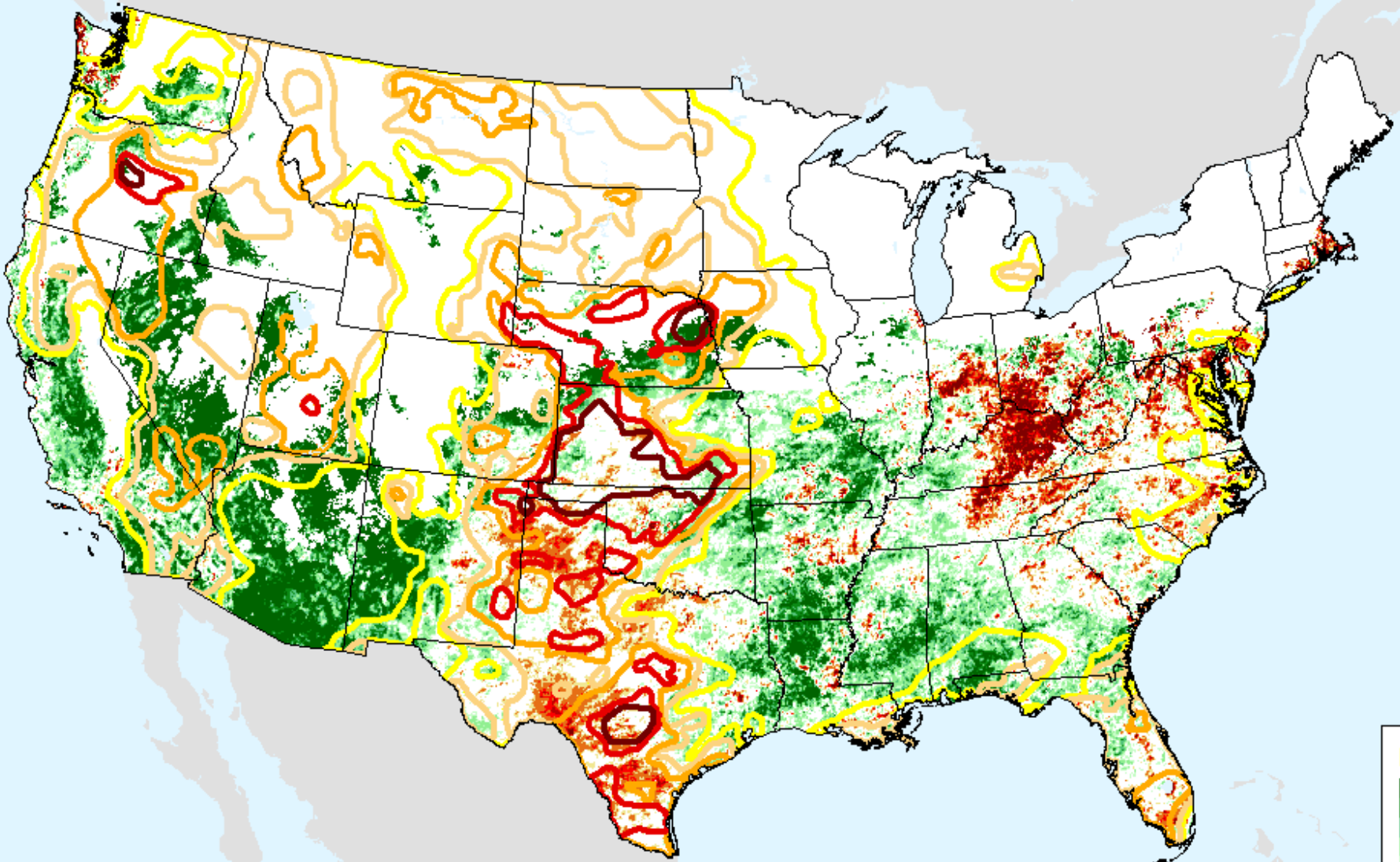
Vegetation Drought Response Index (VegDRI)

As of: Wednesday, March 29, 2023



Evaporative Stress Index (ESI) 4-week

As of: Wednesday, March 29, 2023

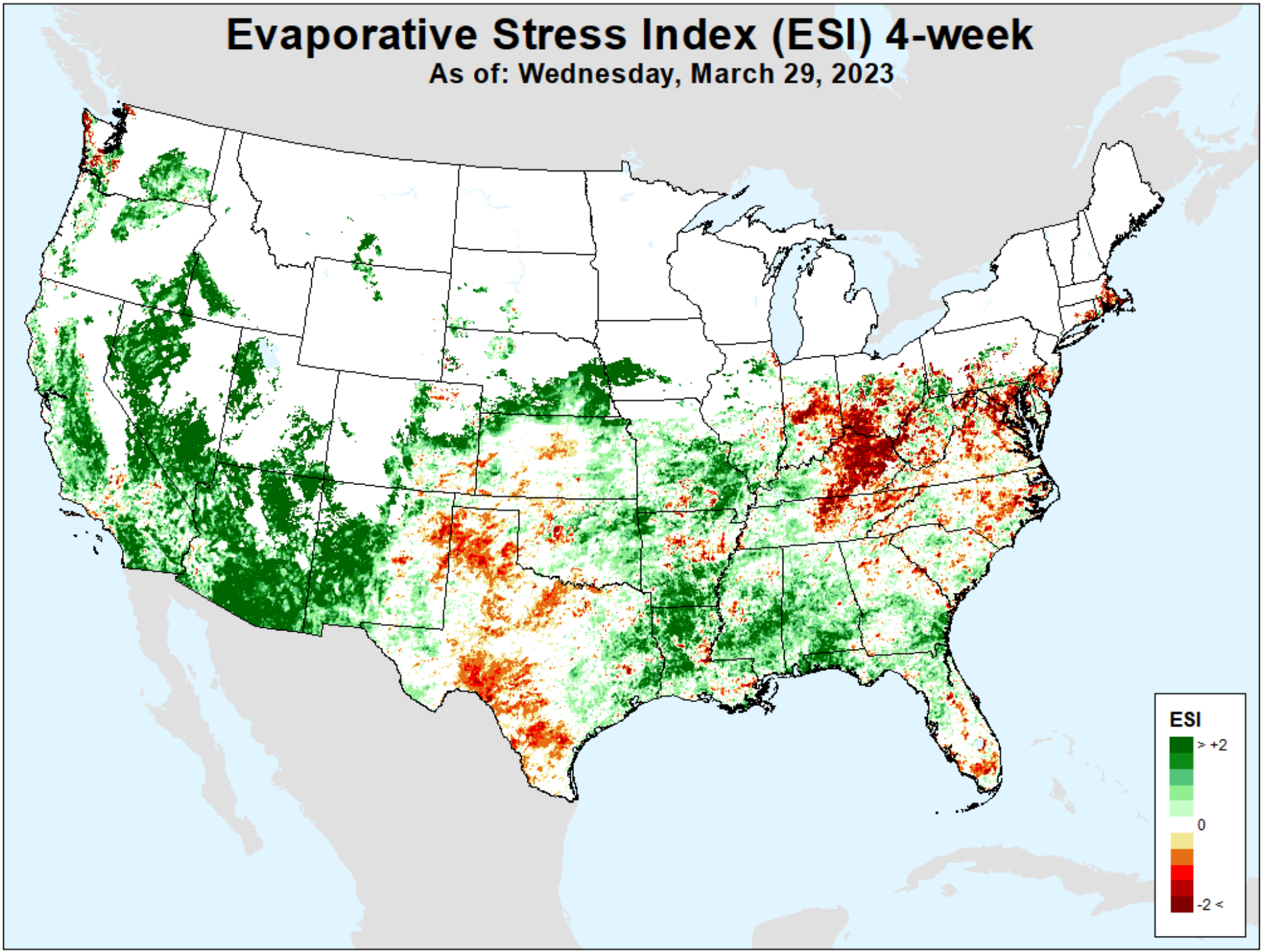


ESI
> +2
0
-2 <

USDM for: Mar. 21, 2023

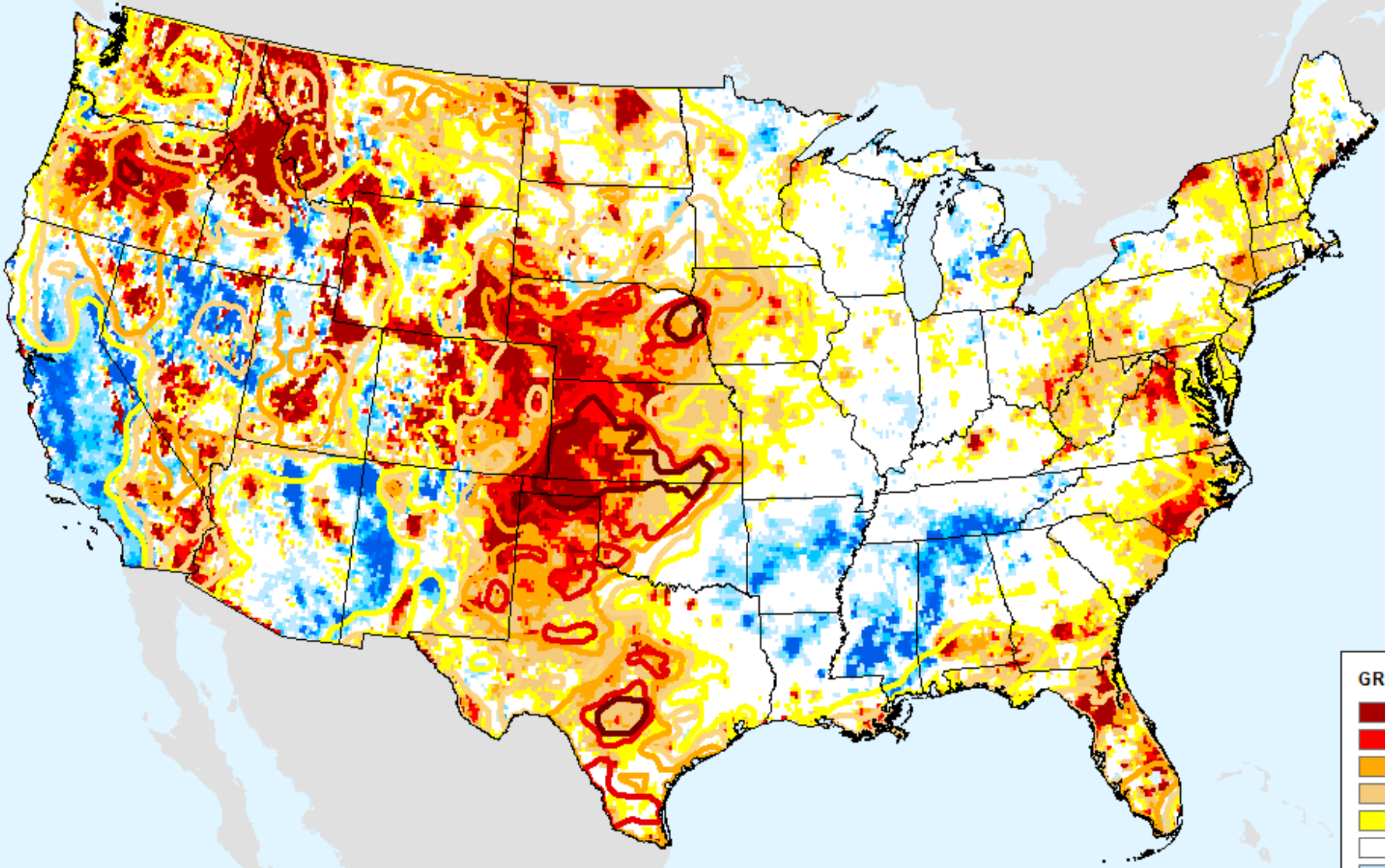
Evaporative Stress Index (ESI) 4-week

As of: Wednesday, March 29, 2023



GRACE-Based Shallow Groundwater Drought Indicator

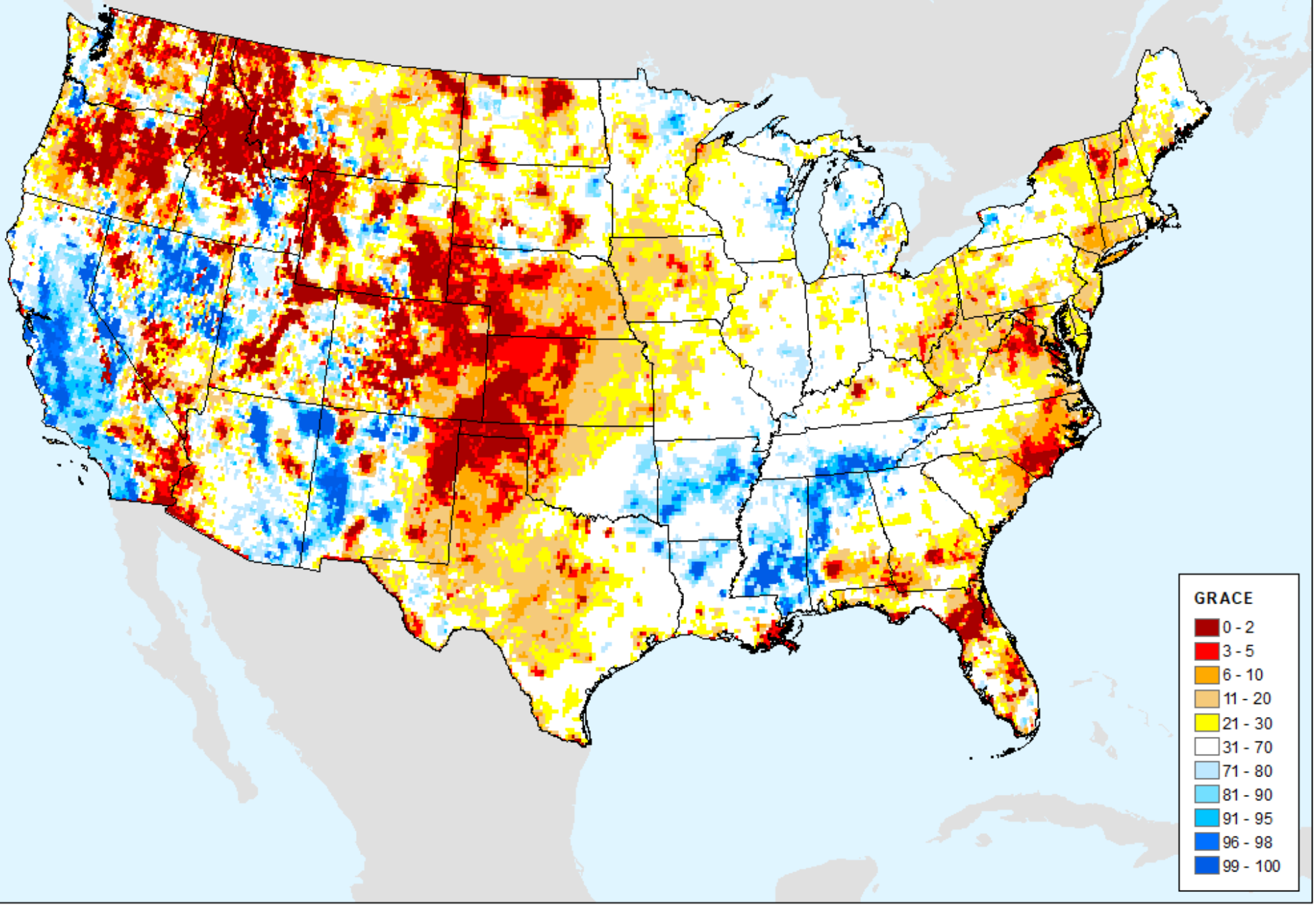
As of: Wednesday, March 29, 2023



USDM for: Mar. 21, 2023

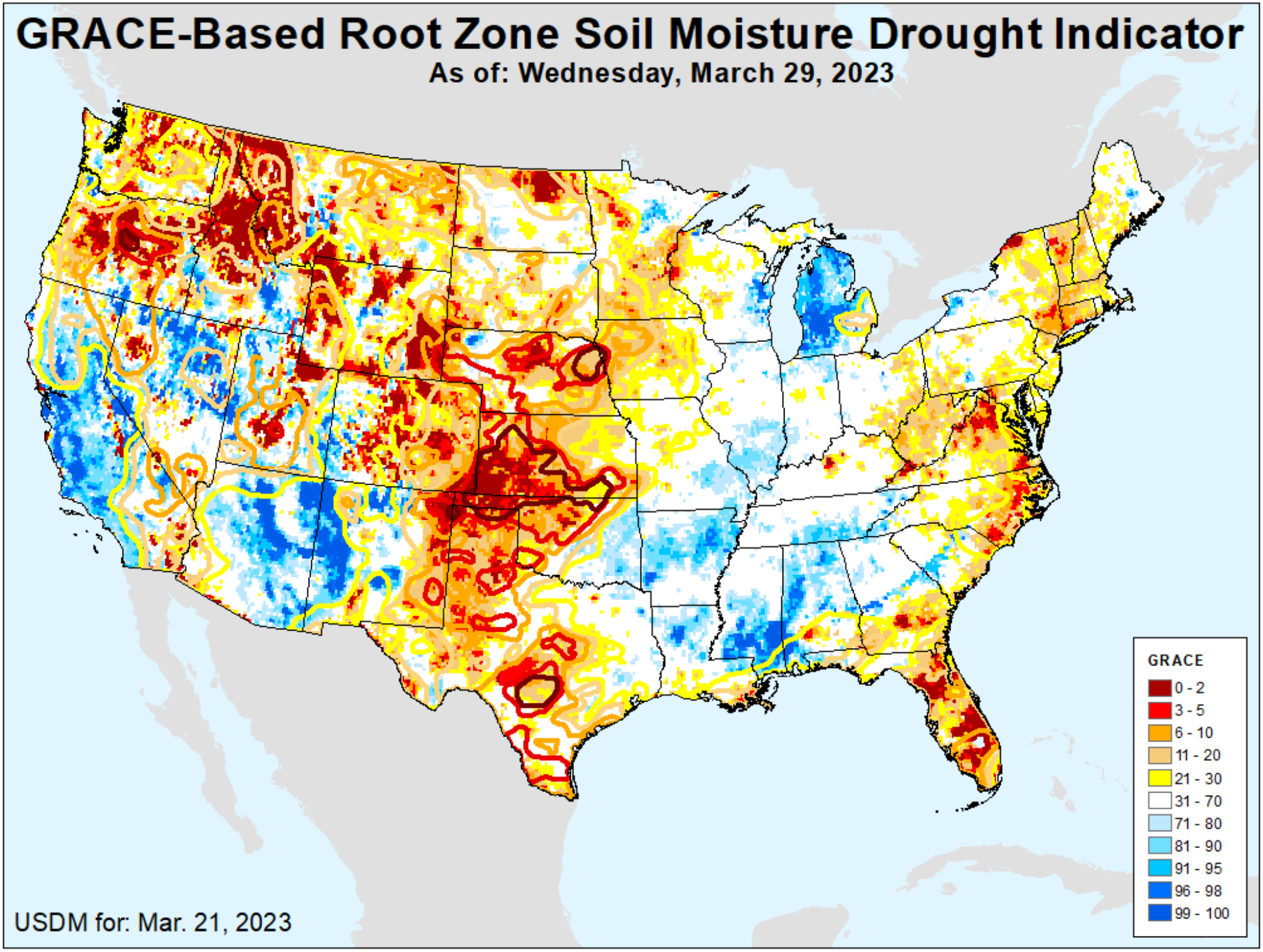
GRACE-Based Shallow Groundwater Drought Indicator

As of: Wednesday, March 29, 2023



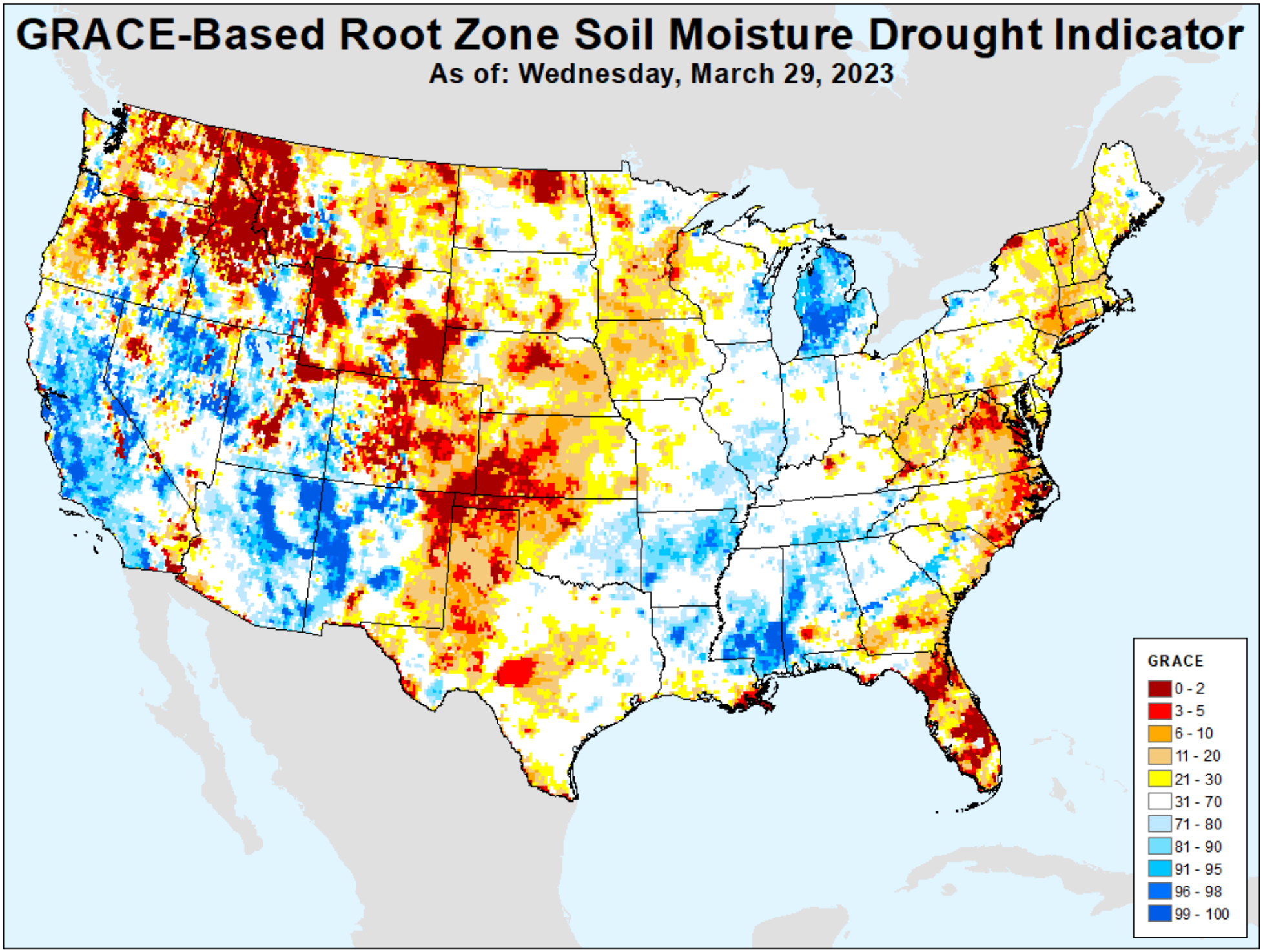
GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Wednesday, March 29, 2023



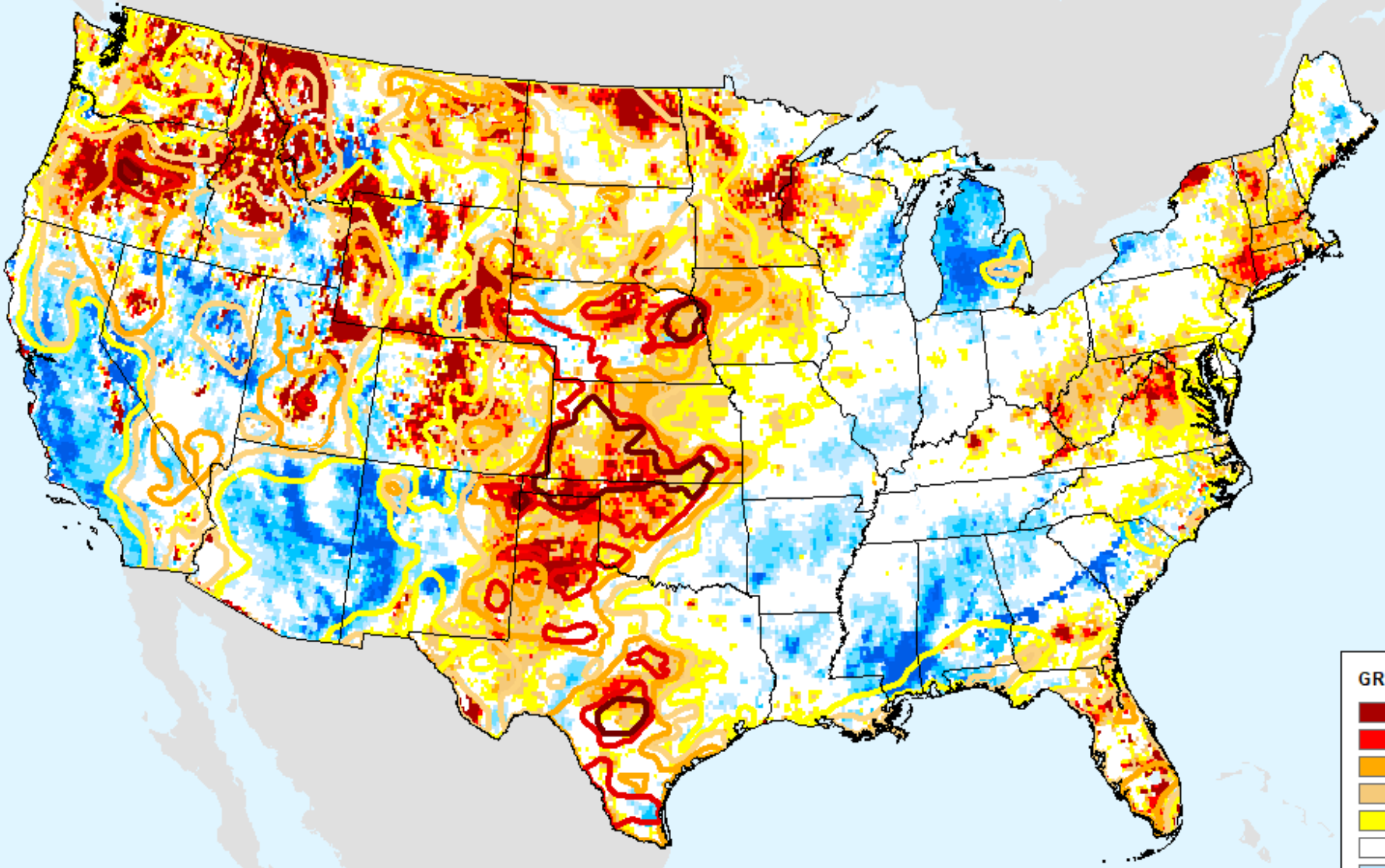
GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Wednesday, March 29, 2023



GRACE-Based Surface Soil Moisture Drought Indicator

As of: Wednesday, March 29, 2023

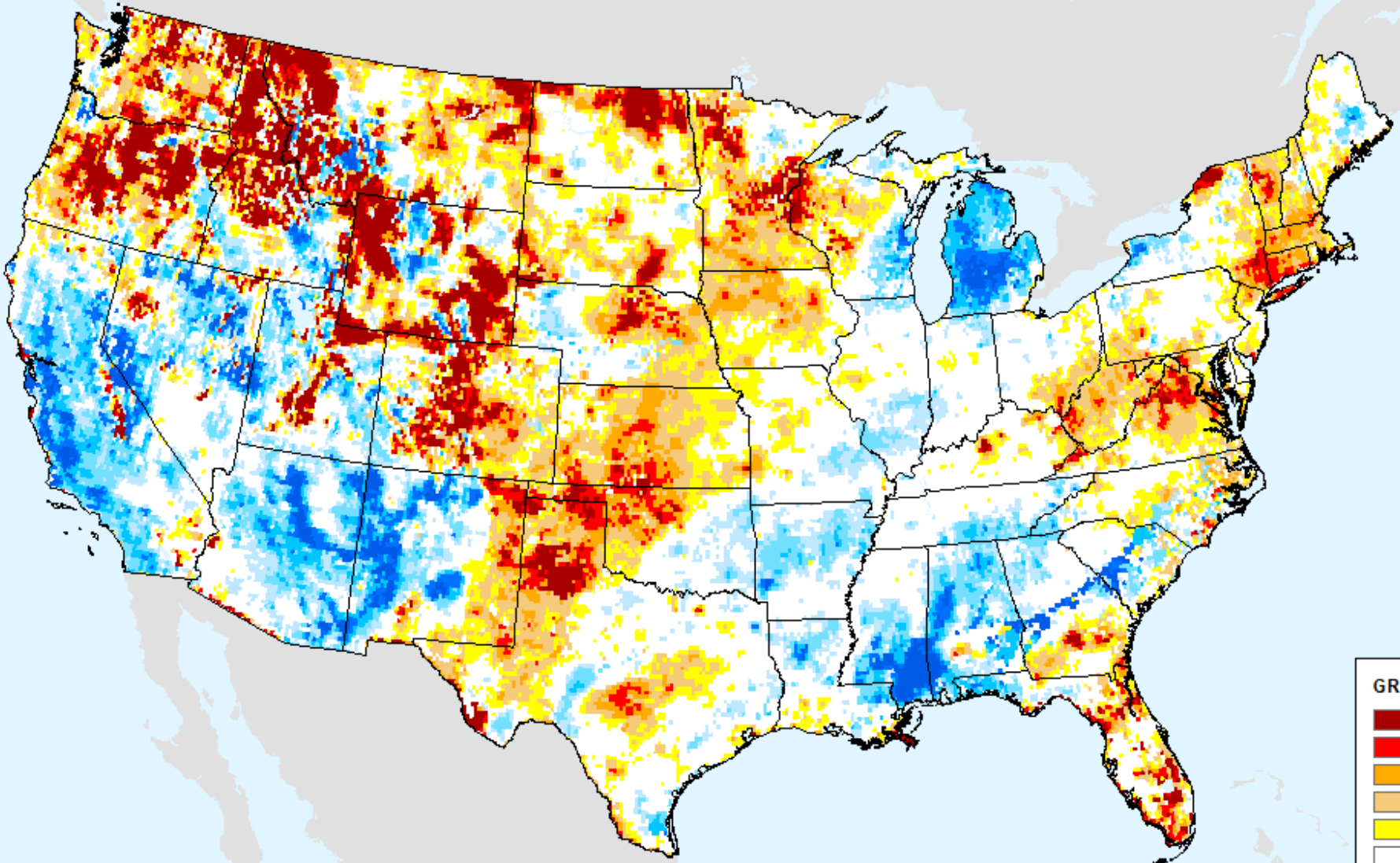


GRACE
- 0 - 2
- 3 - 5
- 6 - 10
- 11 - 20
- 21 - 30
- 31 - 70
- 71 - 80
- 81 - 90
- 91 - 95
- 96 - 98
- 99 - 100

USDM for: Mar. 21, 2023

GRACE-Based Surface Soil Moisture Drought Indicator

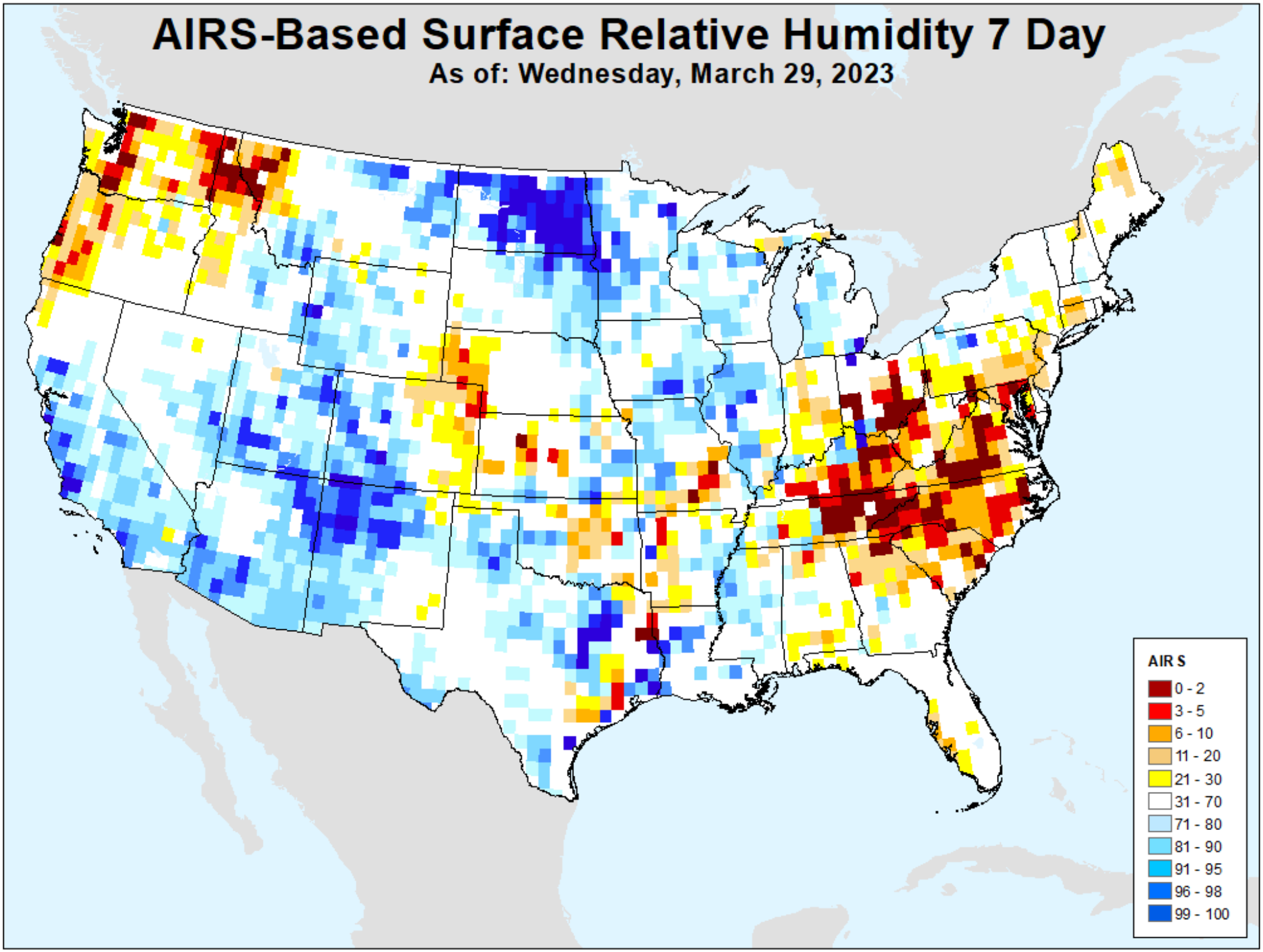
As of: Wednesday, March 29, 2023



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

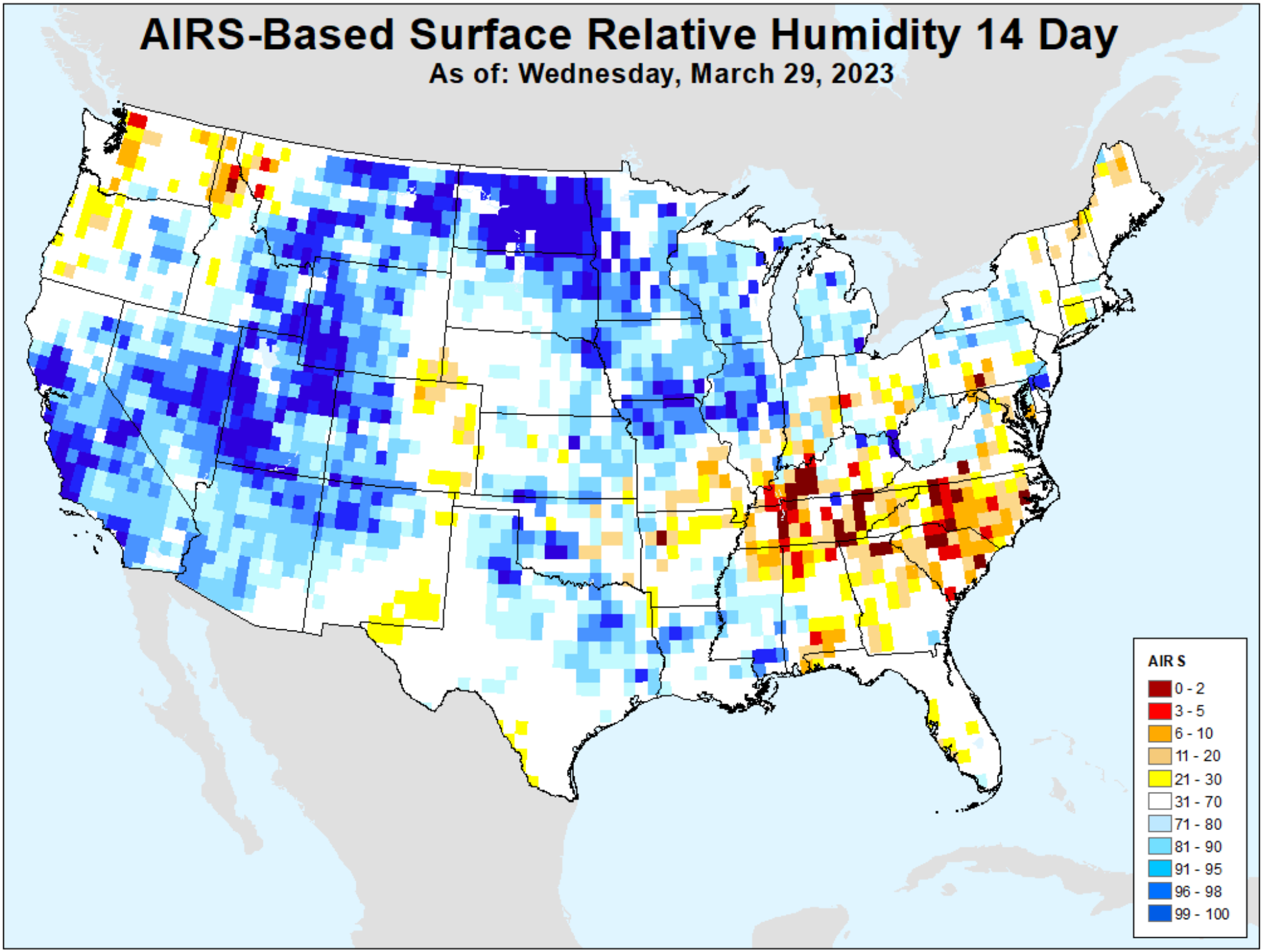
AIRS-Based Surface Relative Humidity 7 Day

As of: Wednesday, March 29, 2023



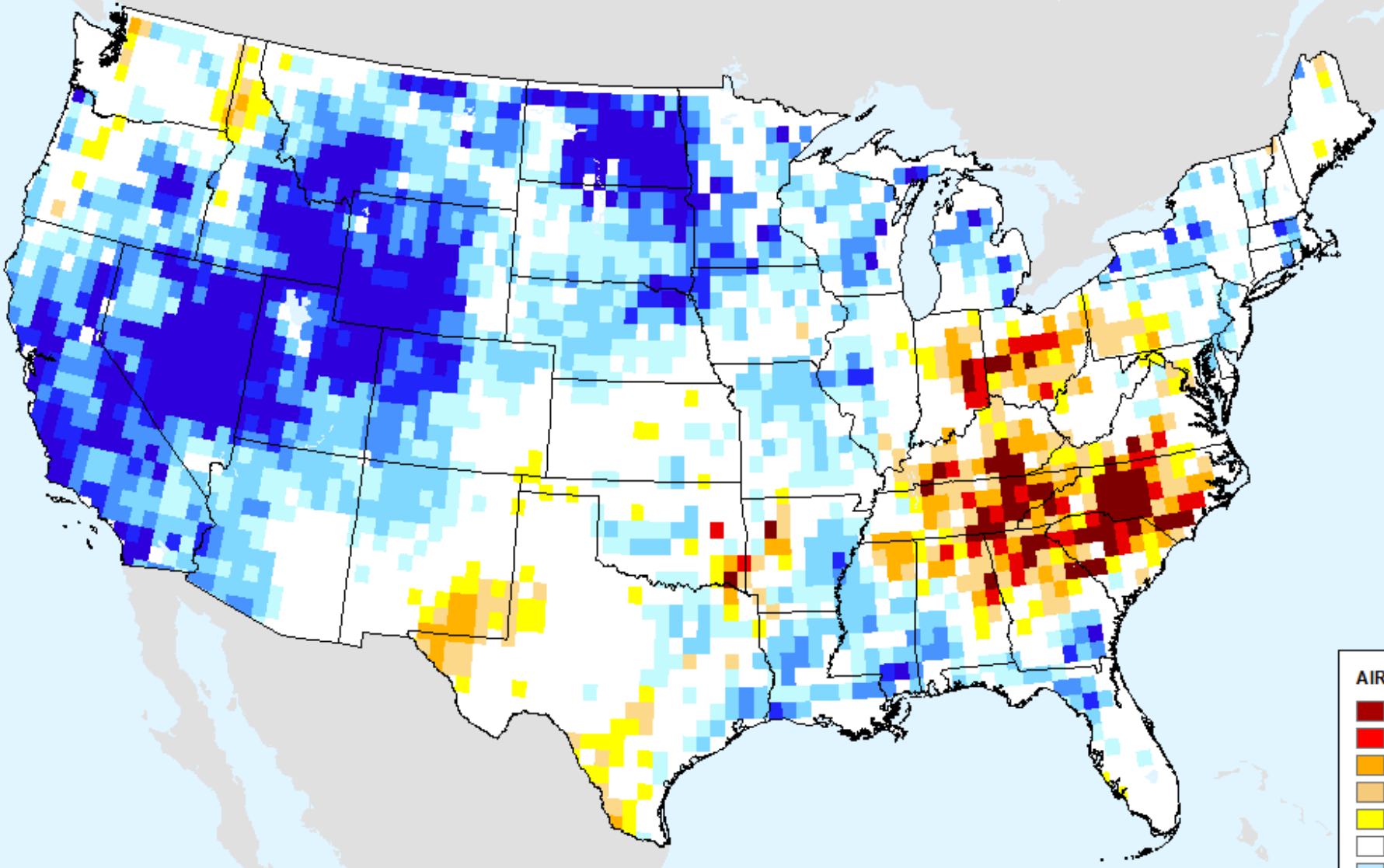
AIRS-Based Surface Relative Humidity 14 Day

As of: Wednesday, March 29, 2023



AIRS-Based Surface Relative Humidity 28 Day

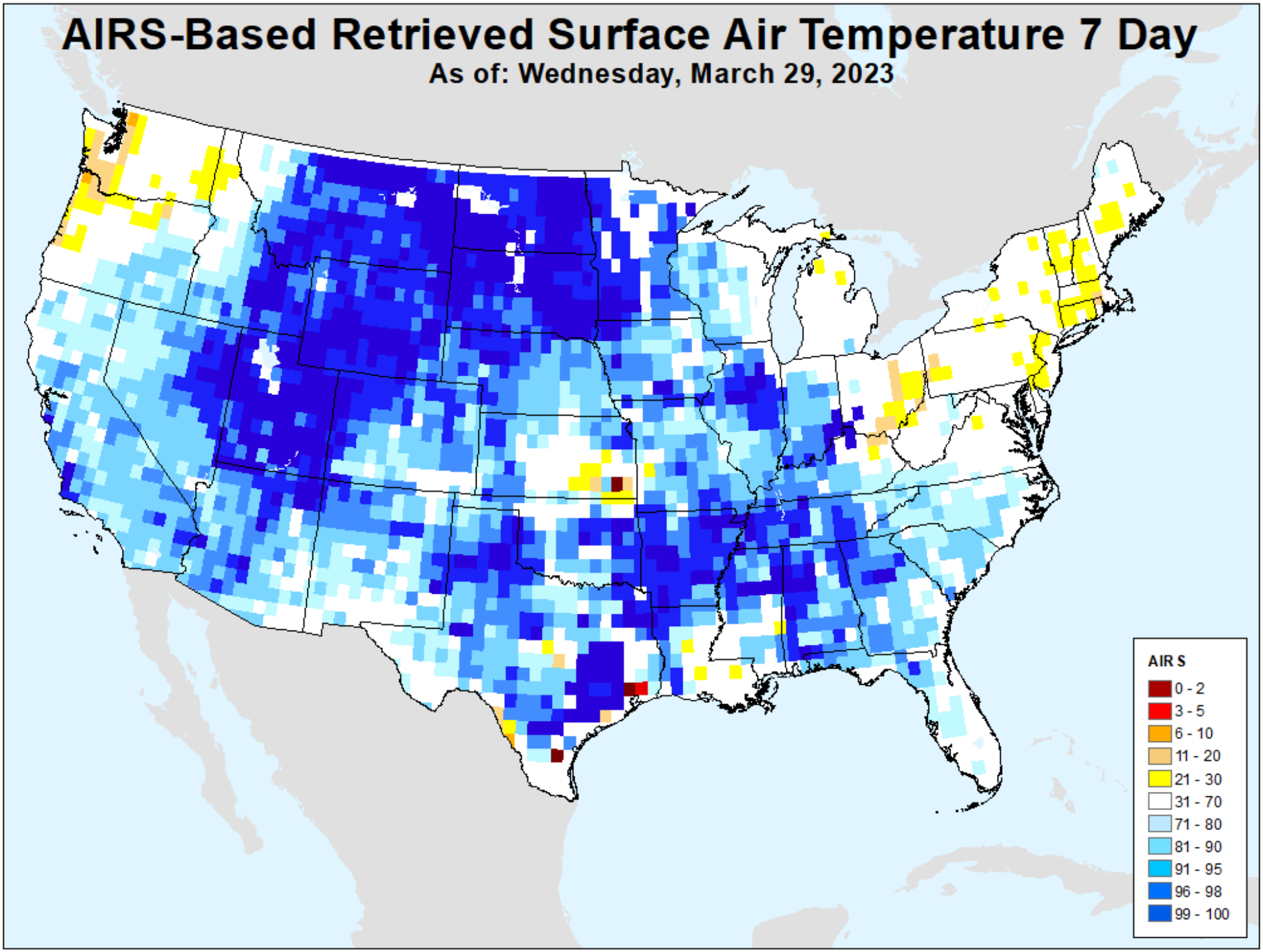
As of: Wednesday, March 29, 2023



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

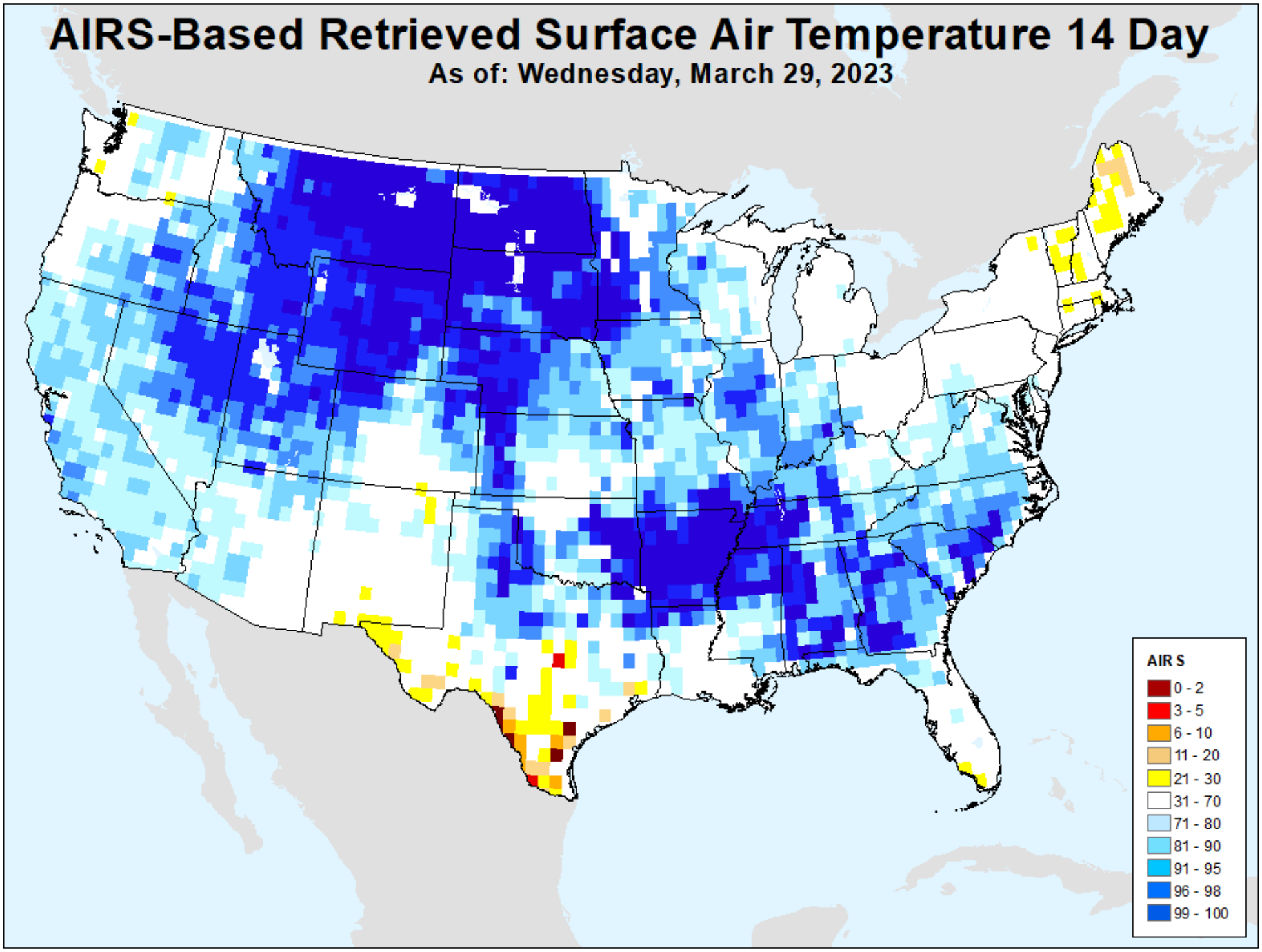
AIRS-Based Retrieved Surface Air Temperature 7 Day

As of: Wednesday, March 29, 2023



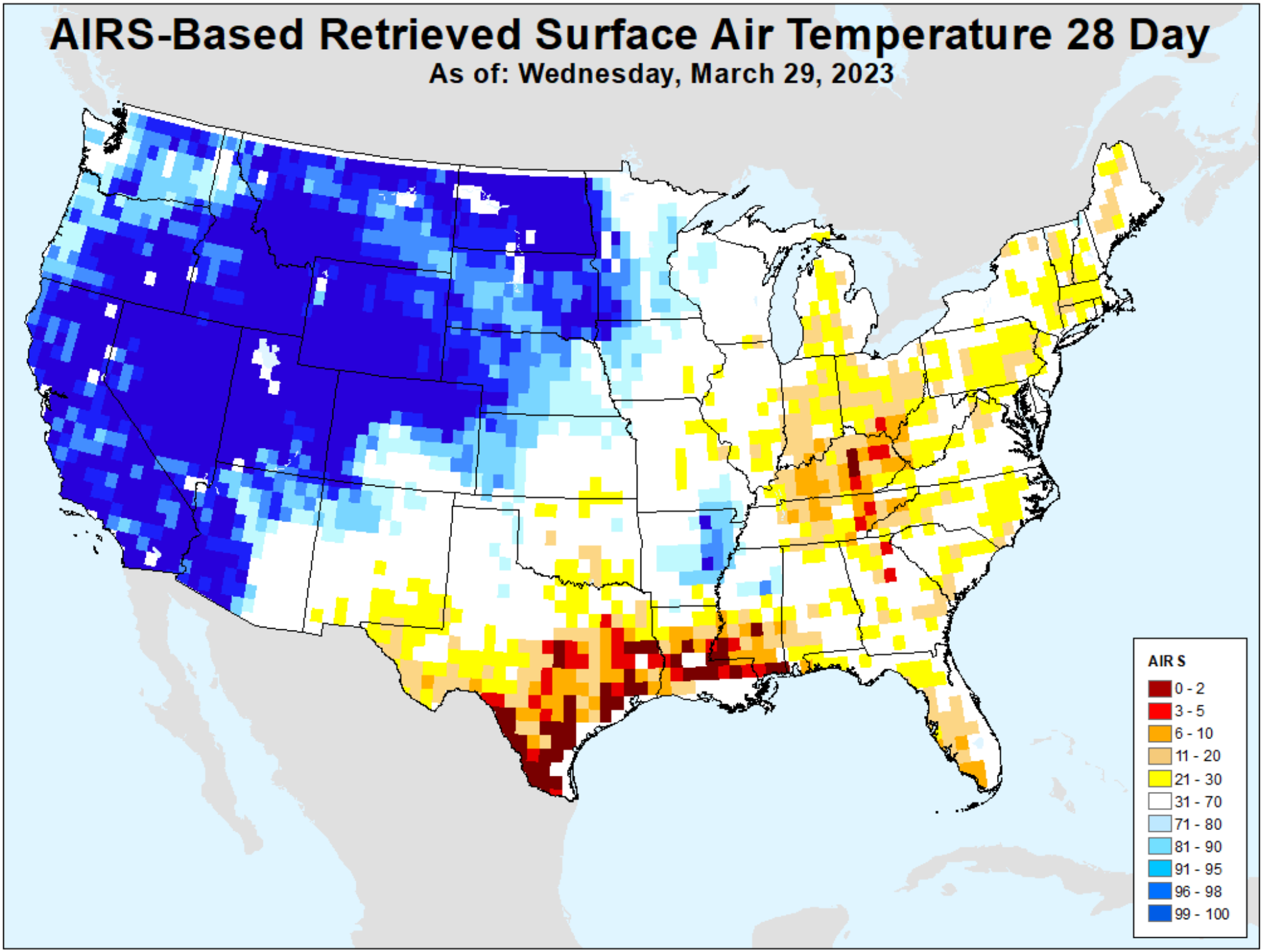
AIRS-Based Retrieved Surface Air Temperature 14 Day

As of: Wednesday, March 29, 2023



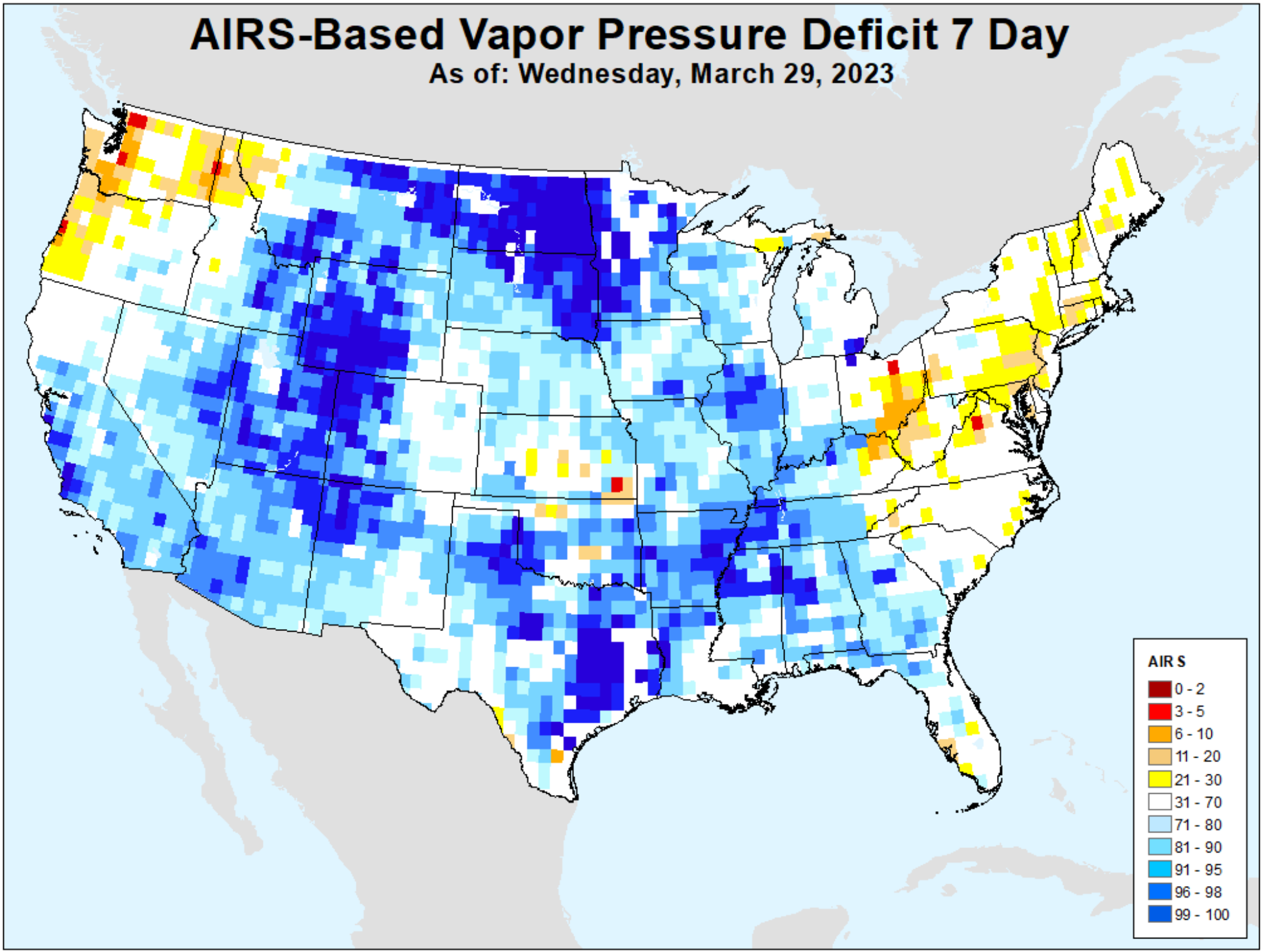
AIRS-Based Retrieved Surface Air Temperature 28 Day

As of: Wednesday, March 29, 2023



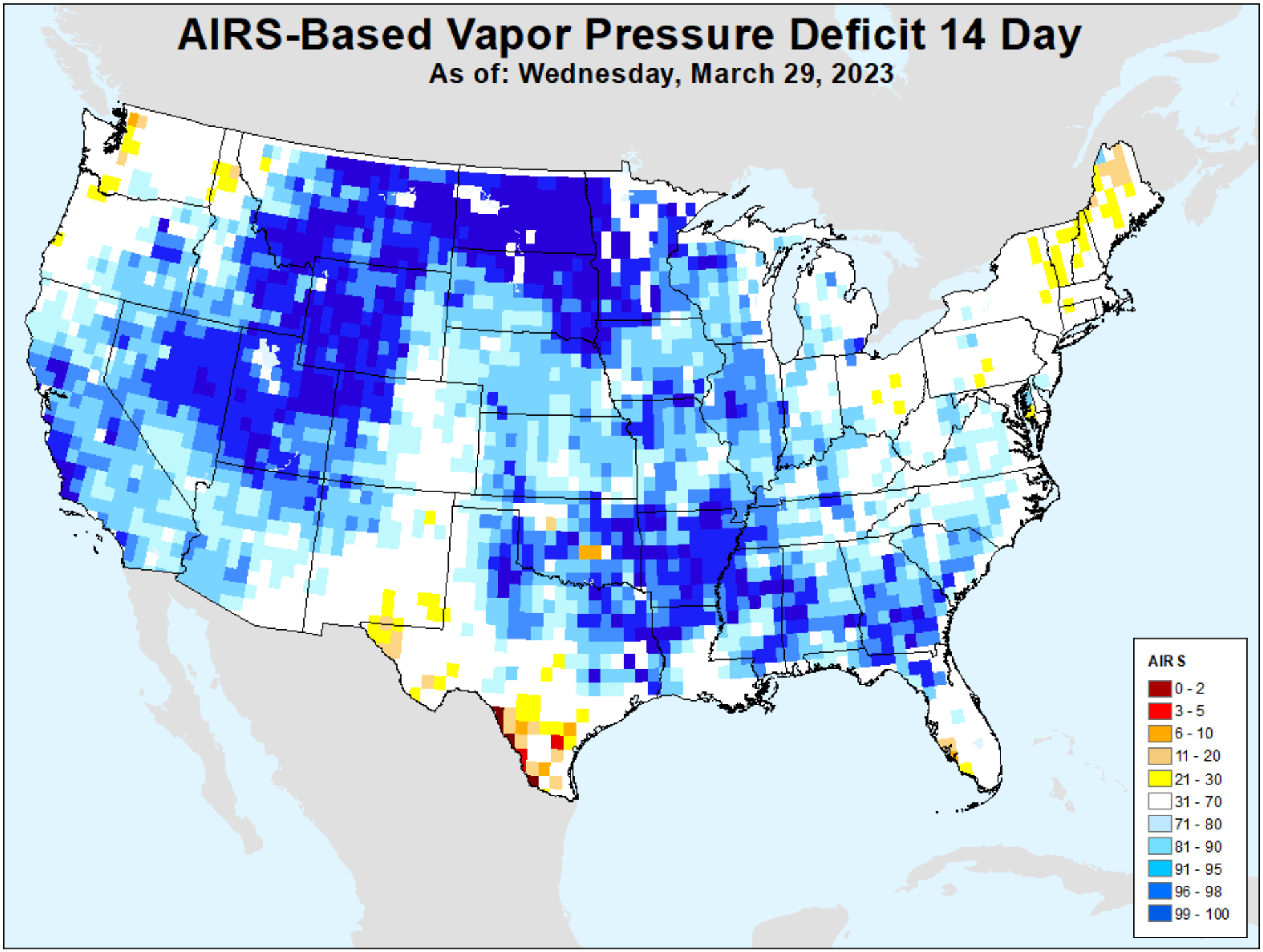
AIRS-Based Vapor Pressure Deficit 7 Day

As of: Wednesday, March 29, 2023



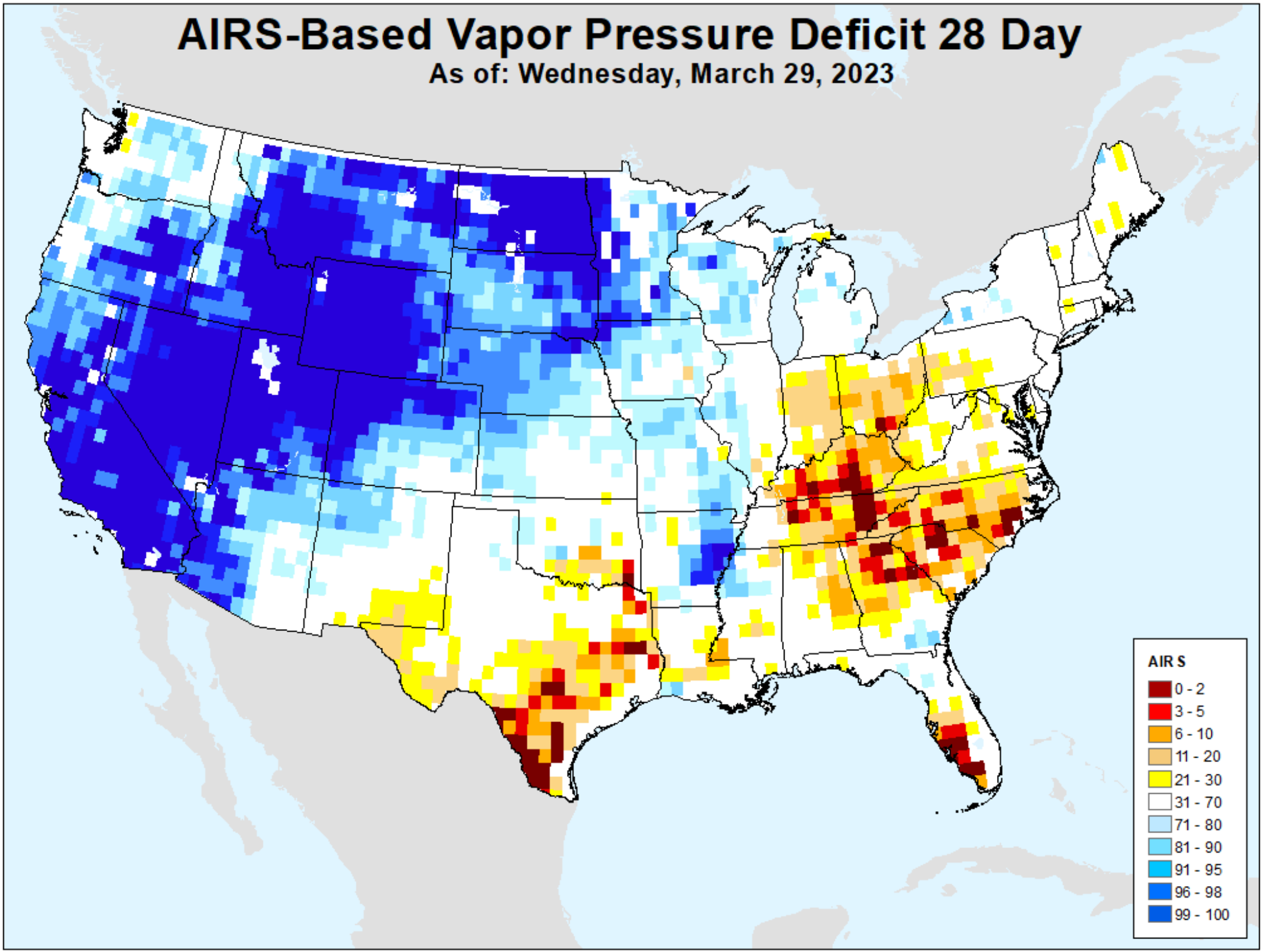
AIRS-Based Vapor Pressure Deficit 14 Day

As of: Wednesday, March 29, 2023



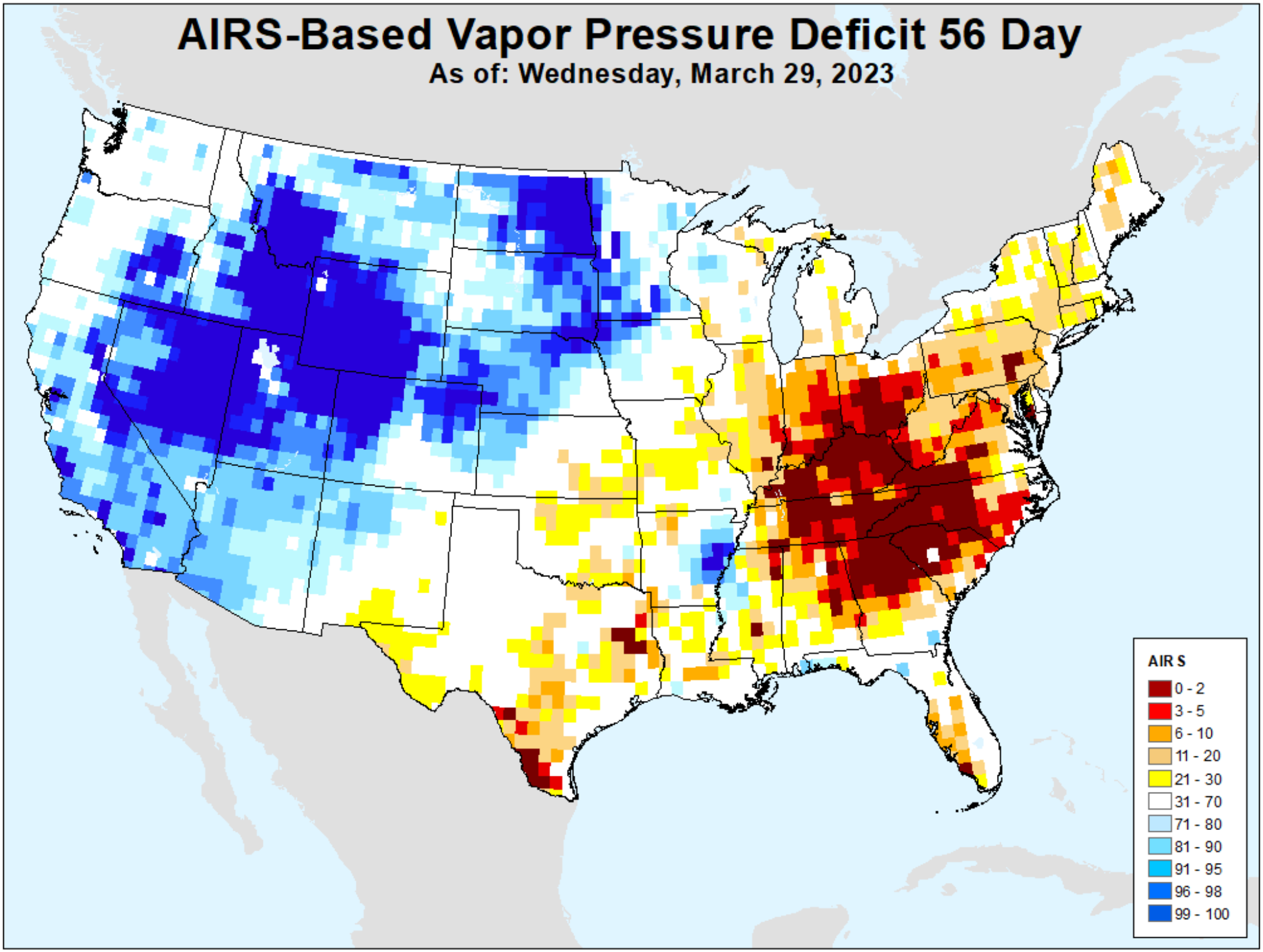
AIRS-Based Vapor Pressure Deficit 28 Day

As of: Wednesday, March 29, 2023



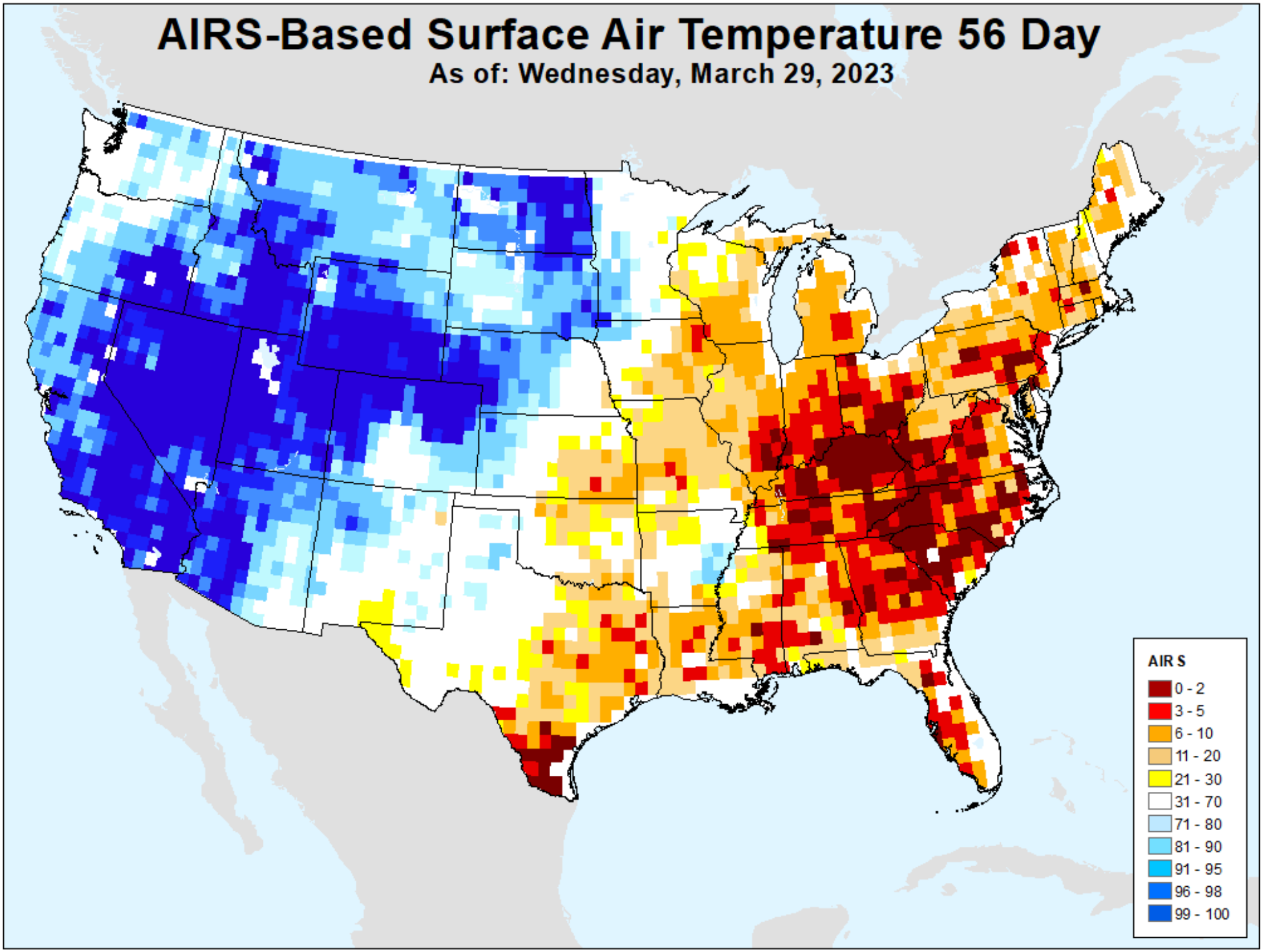
AIRS-Based Vapor Pressure Deficit 56 Day

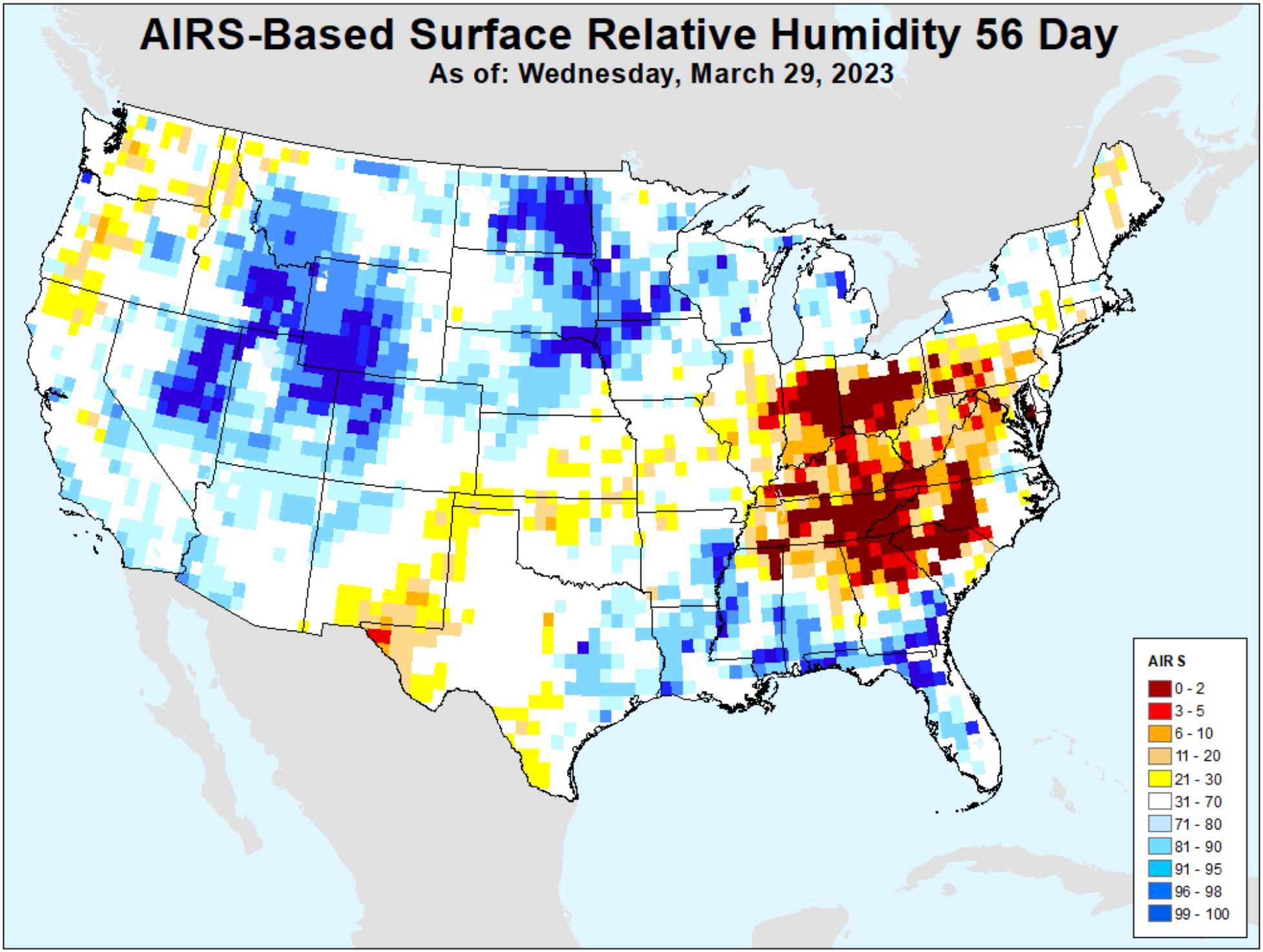
As of: Wednesday, March 29, 2023



AIRS-Based Surface Air Temperature 56 Day

As of: Wednesday, March 29, 2023



AIRS-Based Surface Relative Humidity 56 Day

As of: Wednesday, March 29, 2023