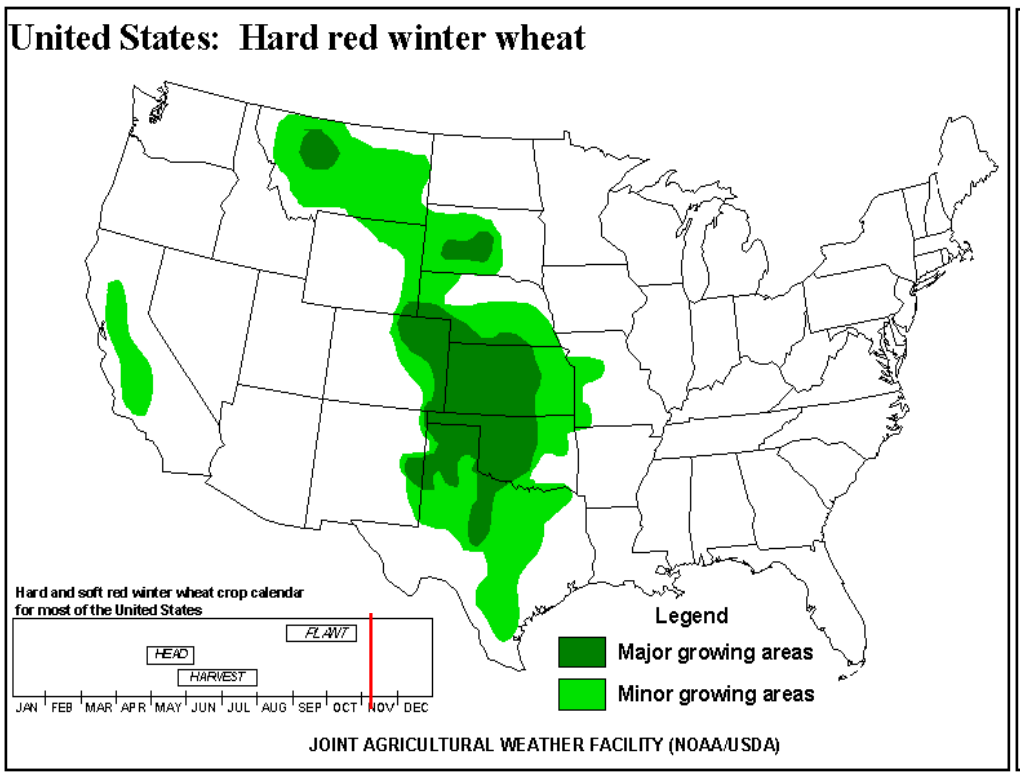
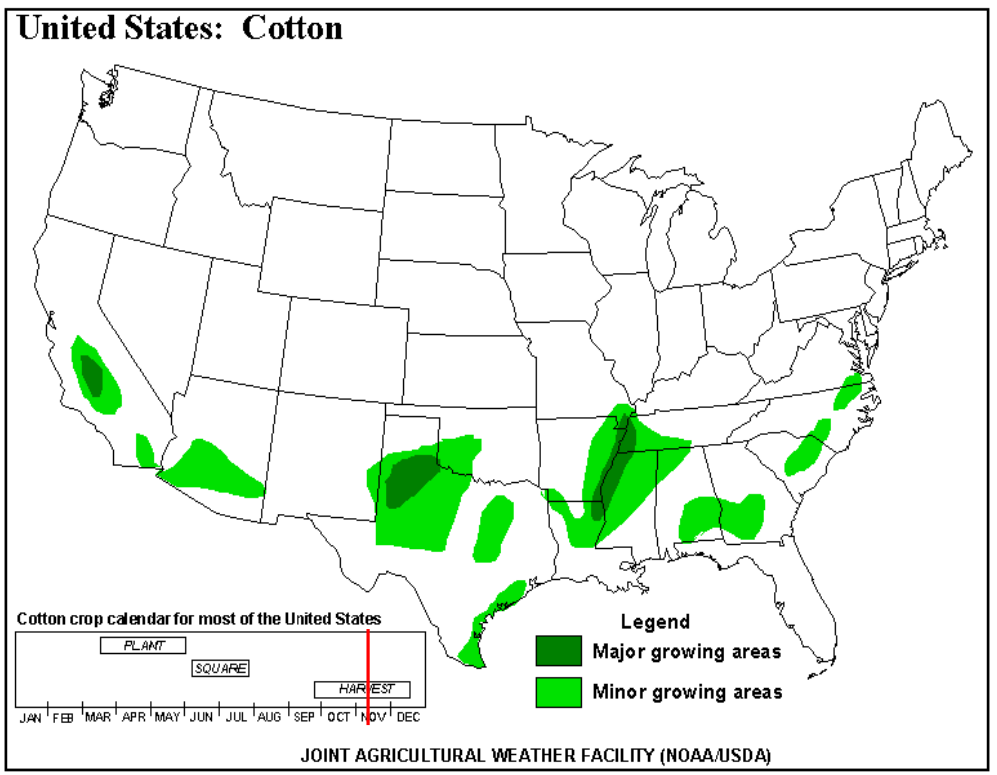
Southern Plains – November 2000

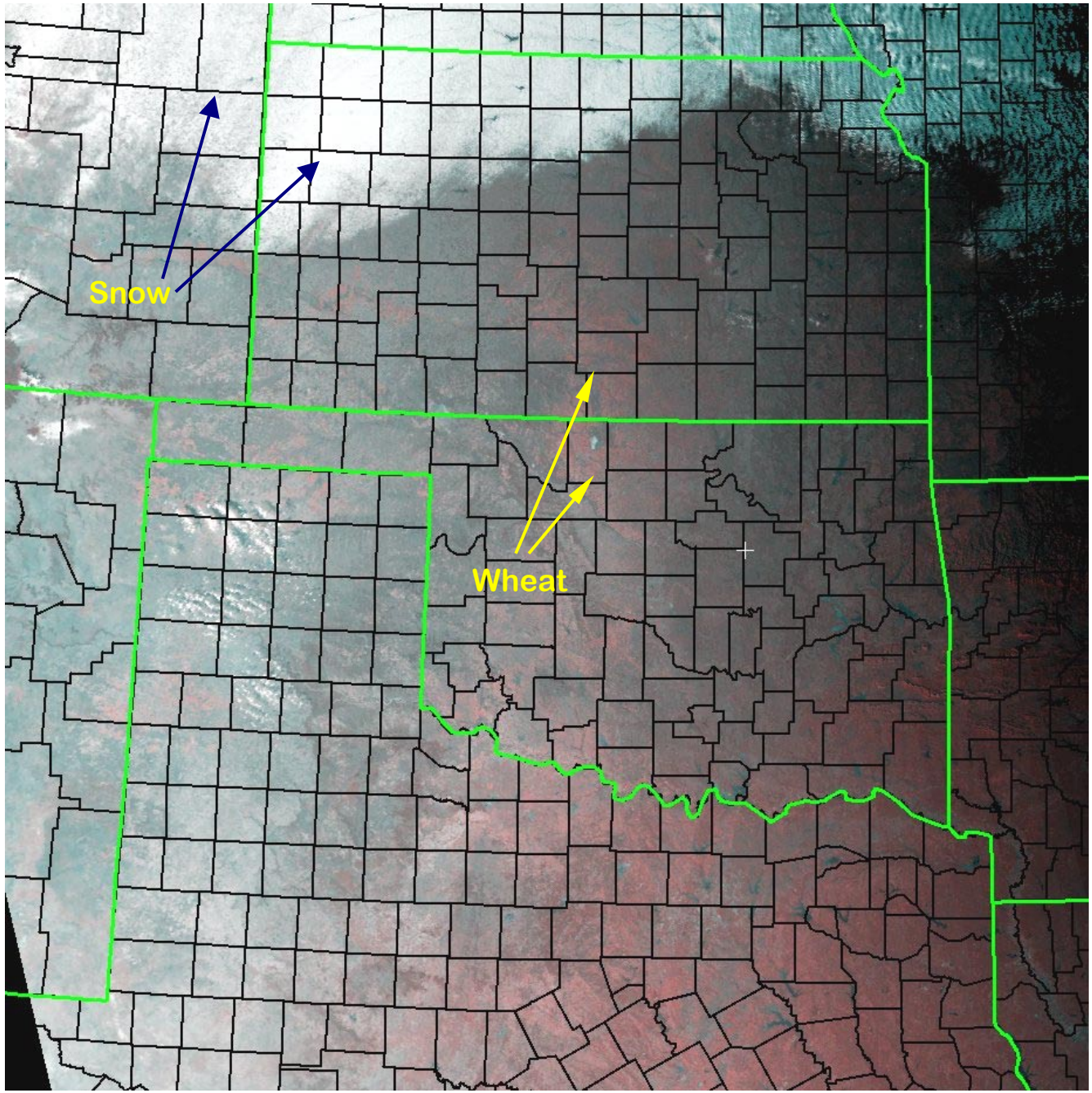
1) Winter Wheat and Cotton Major Production Area maps
2) NOAA 14 Image, November 13, 2000 – shows snow cover and some wheat.
3) Snow Cover Map – November 13, 2000
4) Minimum Temperature Map – November 01, 2000
5) Minimum Temperature Map – November 10, 2000
6) Minimum Temperature Map – November 11, 2000
7) Minimum Temperature Map – November 12, 2000
8) Minimum Temperature Map – November 13, 2000
9) Palmer Drought Index Map – November 11, 2000
10) Palmer Drought Index Map – June 24 & September 9, 2000
11) Precipitation Comparison Graph – Wichita, Kansas
12) Precipitation Comparison Graph – Dodge City, Kansas
13) Precipitation Comparison Graph – Goodland, Kansas
14) Precipitation Comparison Graph – Ponca City, Oklahoma
15) Precipitation Comparison Graph – Amarillo, Texas
16) Precipitation Comparison Graph – Lubbock, Texas
17) Precipitation Comparison Graph – Abilene, Texas (Drought – to – Soaking)
18) Precipitation Comparison Graph – San Angelo, Texas (Drought – to – Flash Flooding)
19) Precipitation Comparison Graph – Junction, Texas (Drought – to – Flash Flooding)
20) Precipitation Comparison Graph – Dallas, Texas
21) Precipitation Comparison Graph – Waco, Texas
22) Precipitation Comparison Graph – College Station, Texas
23) Precipitation Comparison Graph – Grand Island, Nebraska
24) Precipitation Comparison Graph – Scottsbluff, Nebraska
25) Precipitation Comparison Graph – Akron, Colorado

Winter Wheat & Cotton





Southern Plains



NOAA 14 – Ch. 2,1,1 = RGB

11/13/00

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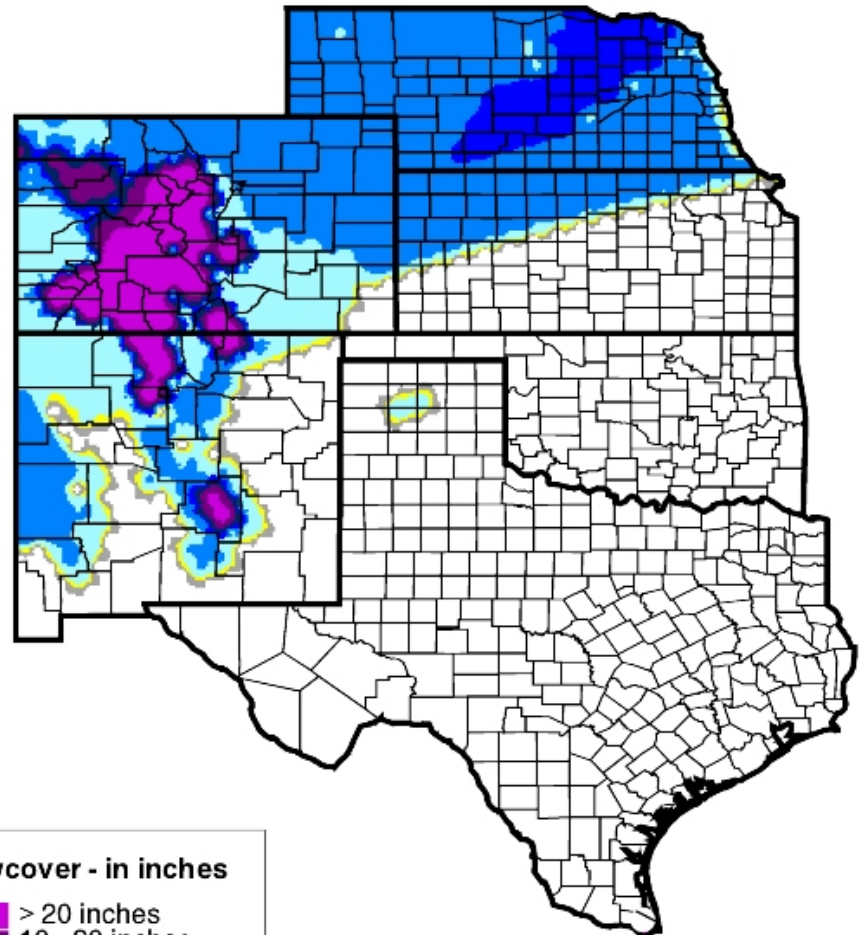
Southern Plains
Snow Cover



Snowcover - in inches

- > 20 inches
- 10 - 20 inches
- 6 - 10 inches
- 4 - 6 inches
- 2 - 4 inches
- 1 - 2 inches
- 1 Inch
- Trace
- No Data

November 13, 2000

Data Source: U.S. Air Force
Grid Cell System

GIS = Arcview 3.1

USDA
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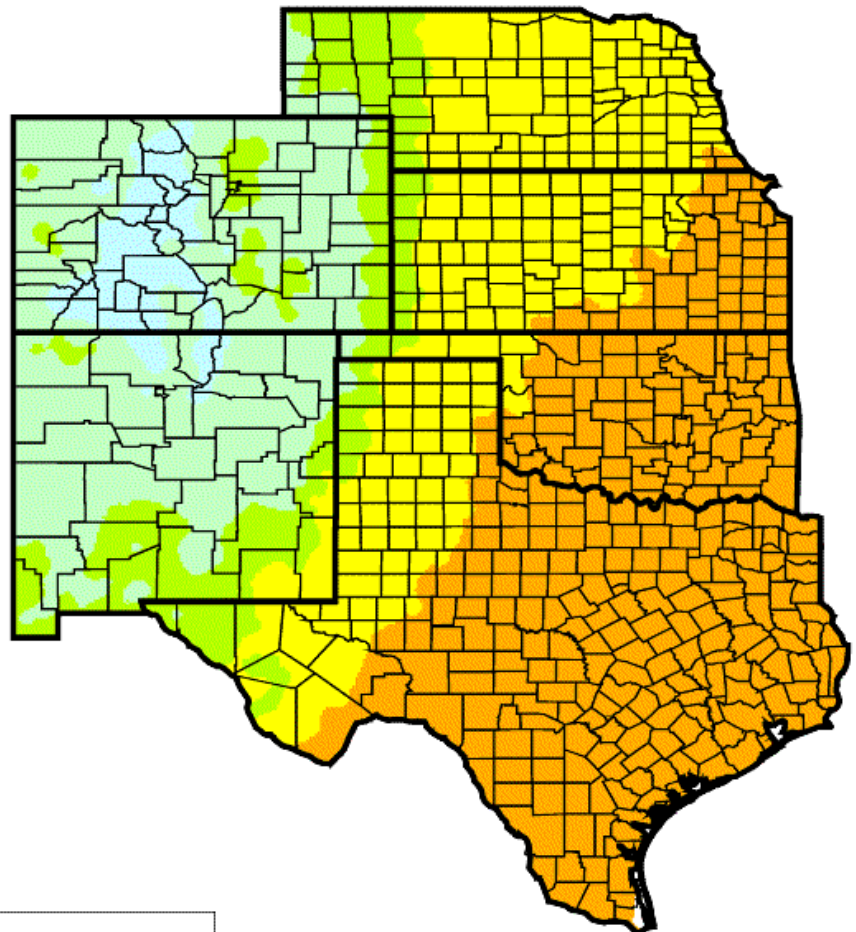
Center for Remote
Sensing Analysis

http://fas.usda.gov/pecad/pecad.html

Southern Plains
Minimum Temperatures



Minimum Temp. - Degrees Celsius

- > 15
- 9 - 15
- 3 - 8
- -2 - 2
- -9 - -3
- -15 - -10
- -19 - -16
- -25 - -20
- < -25
- No Data

November 1, 2000

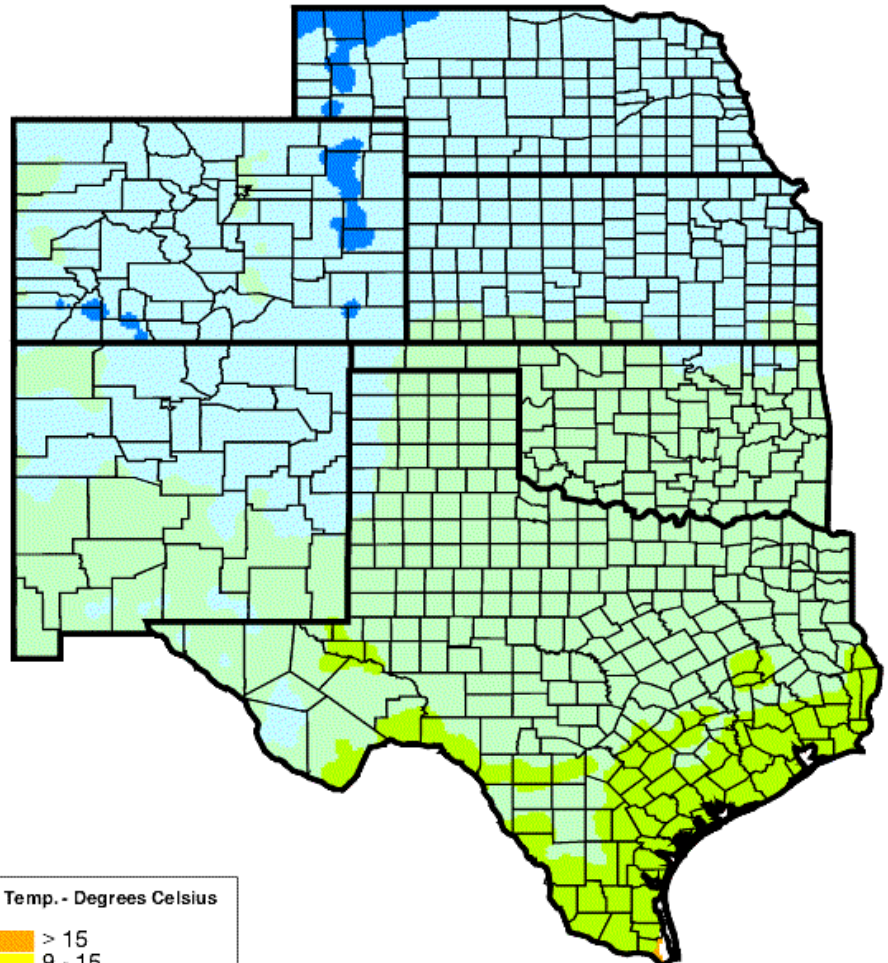
Data Source : U.S. Air Force
Grid Cell System

GIS = Arcview 3.1

USDA
FSA - FAS
Center for Remote
Sensing Analysis

http://fas.usda.gov/pecad/pecad.html

Southern Plains
Minimum Temperatures



Minimum Temp. - Degrees Celsius

- > 15
- 9 - 15
- 3 - 8
- -2 - 2
- -9 - -3
- -15 - -10
- -19 - -16
- -25 - -20
- < -25
- No Data

November 10, 2000

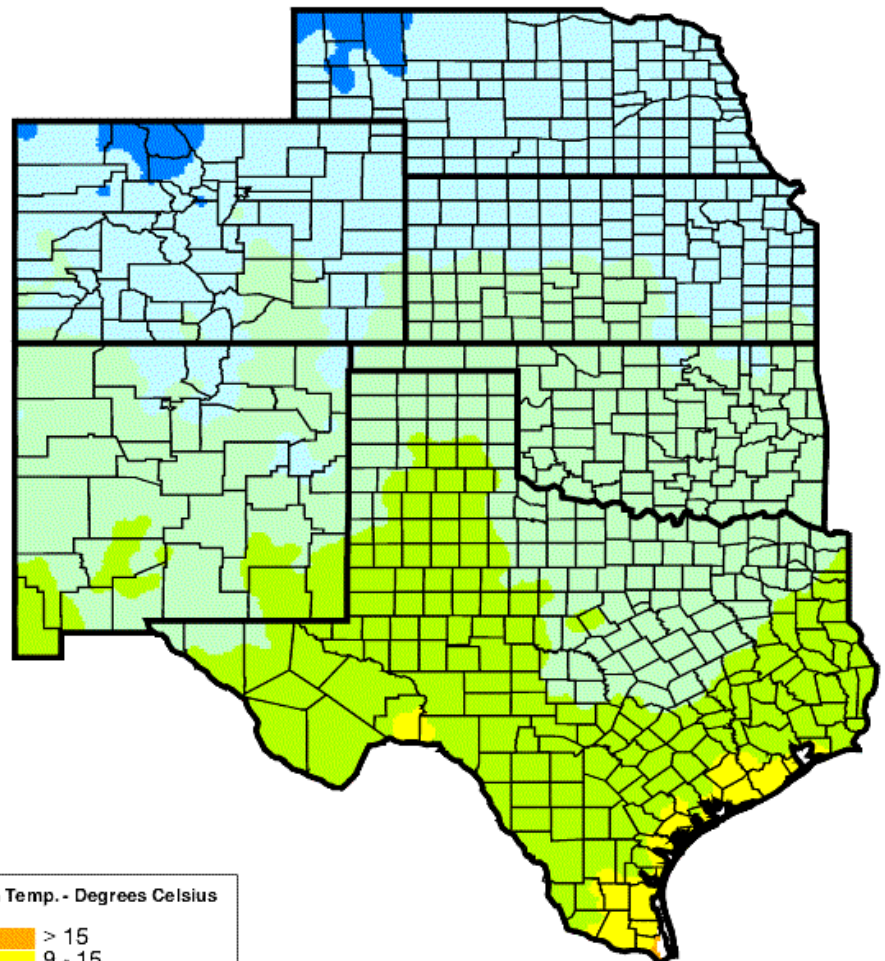
Data Source : U.S. Air Force
Grid Cell System

GIS = Arcview 3.1

USDA
FSA - FAS
Center for Remote
Sensing Analysis

http://fas.usda.gov/pecad/pecad.html

Southern Plains
Minimum Temperatures



Minimum Temp. - Degrees Celsius

- > 15
- 9 - 15
- 3 - 8
- -2 - 2
- -9 - -3
- -15 - -10
- -19 - -16
- -25 - -20
- < -25
- No Data

November 11, 2000

Data Source : U.S. Air Force
Grid Cell System

GIS = Arcview 3.1

USDA
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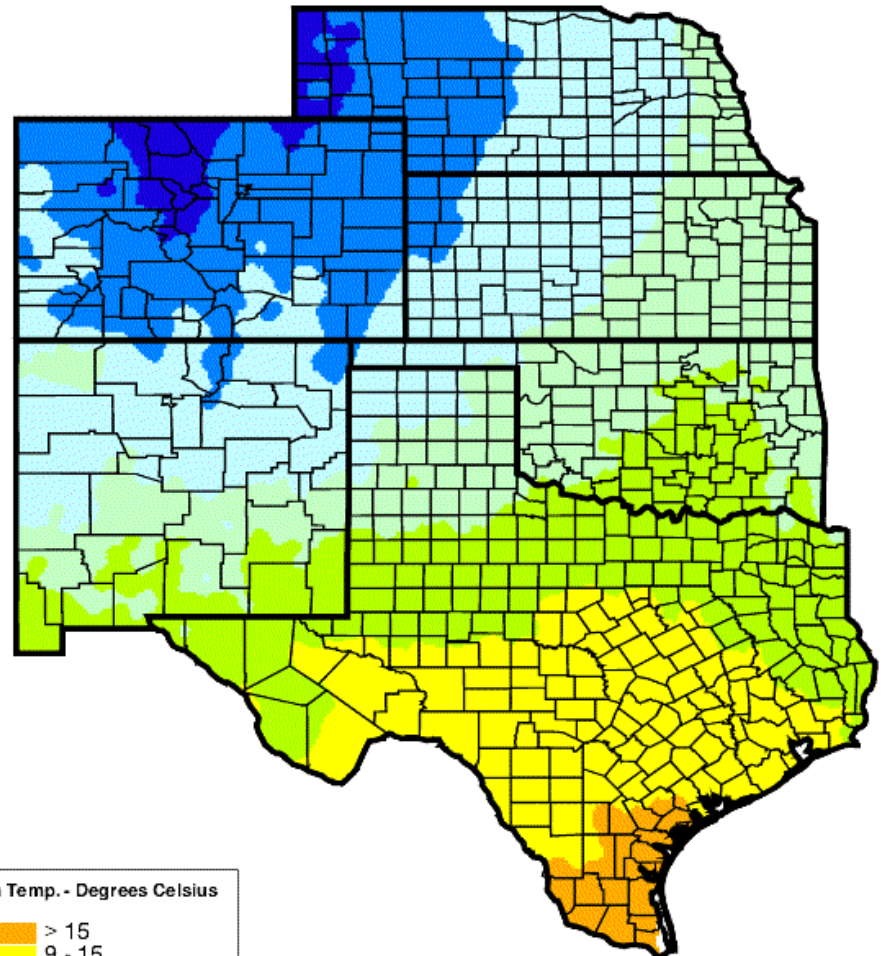
Sensing Analysis

http://fas.usda.gov/pecad/pecad.html

Southern Plains
Minimum Temperatures



Minimum Temp. - Degrees Celsius

- > 15
- 9 - 15
- 3 - 8
- -2 - 2
- -9 - -3
- -15 - -10
- -19 - -16
- -25 - -20
- < -25
- No Data

November 12, 2000

Data Source : U.S. Air Force
Grid Cell System

GIS = Arcview 3.1

USDA
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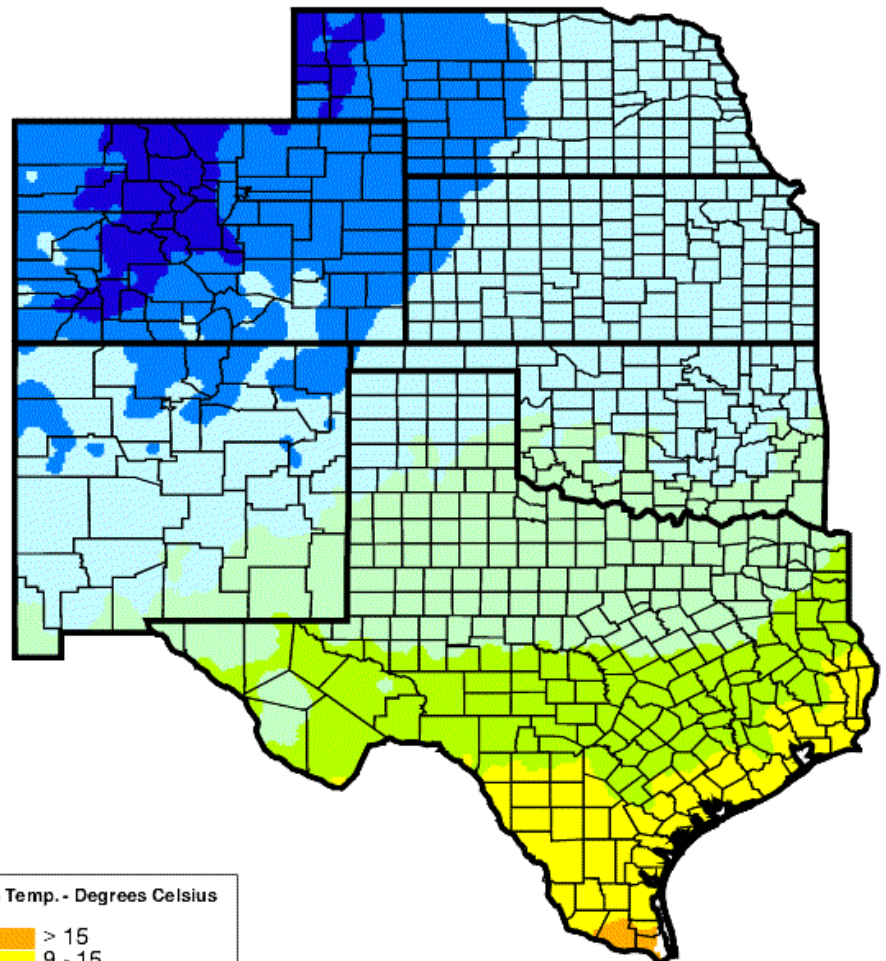
Sensing Analysis

http://fas.usda.gov/pecad/pecad.html

Southern Plains
Minimum Temperatures



Minimum Temp. - Degrees Celsius

- > 15
- 9 - 15
- 3 - 8
- -2 - 2
- -9 - -3
- -15 - -10
- -19 - -16
- -25 - -20
- < -25
- No Data

November 13, 2000

Data Source : U.S. Air Force
Grid Cell System

GIS = Arcview 3.1

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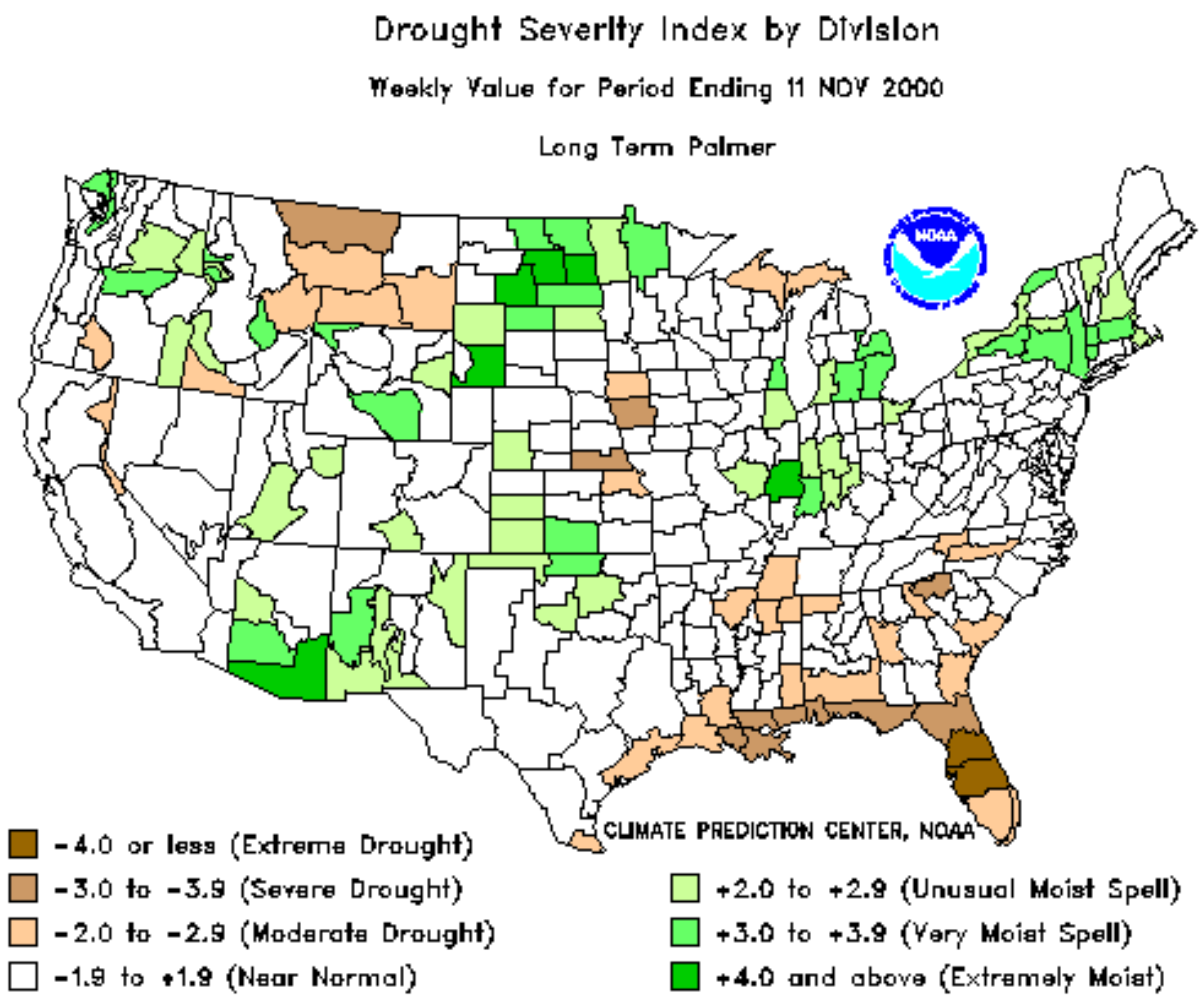
Sensing Analysis

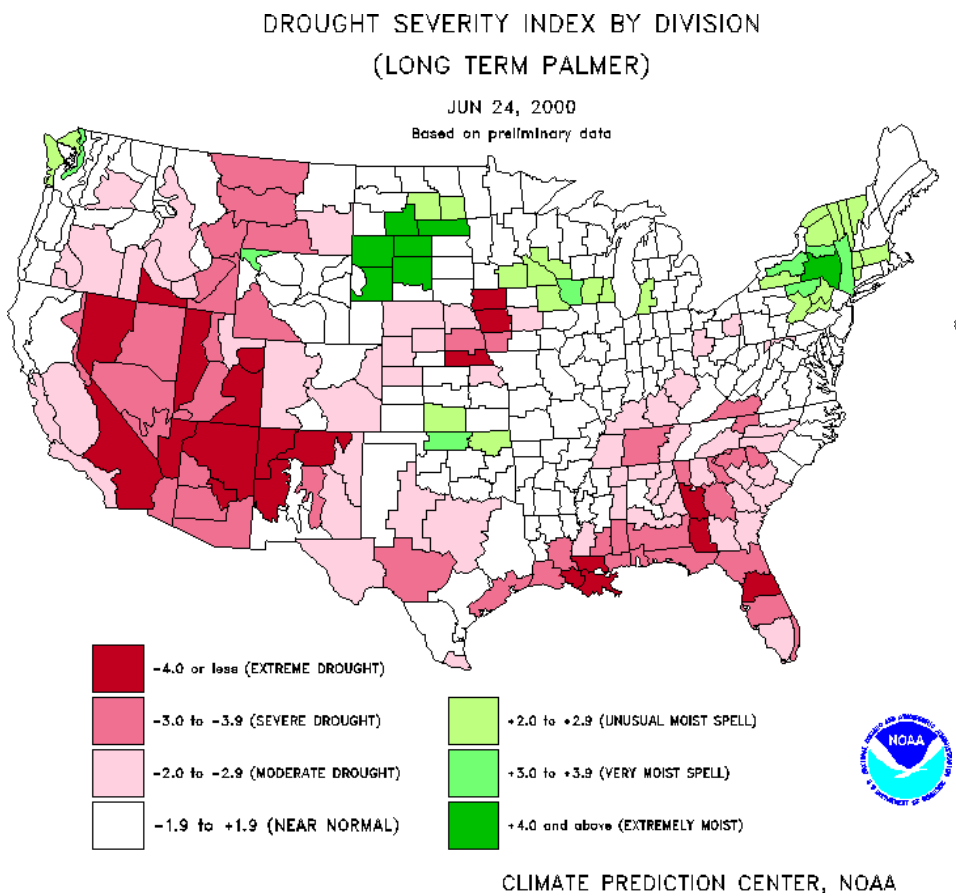
http://fas.usda.gov/pecad/pecad.html

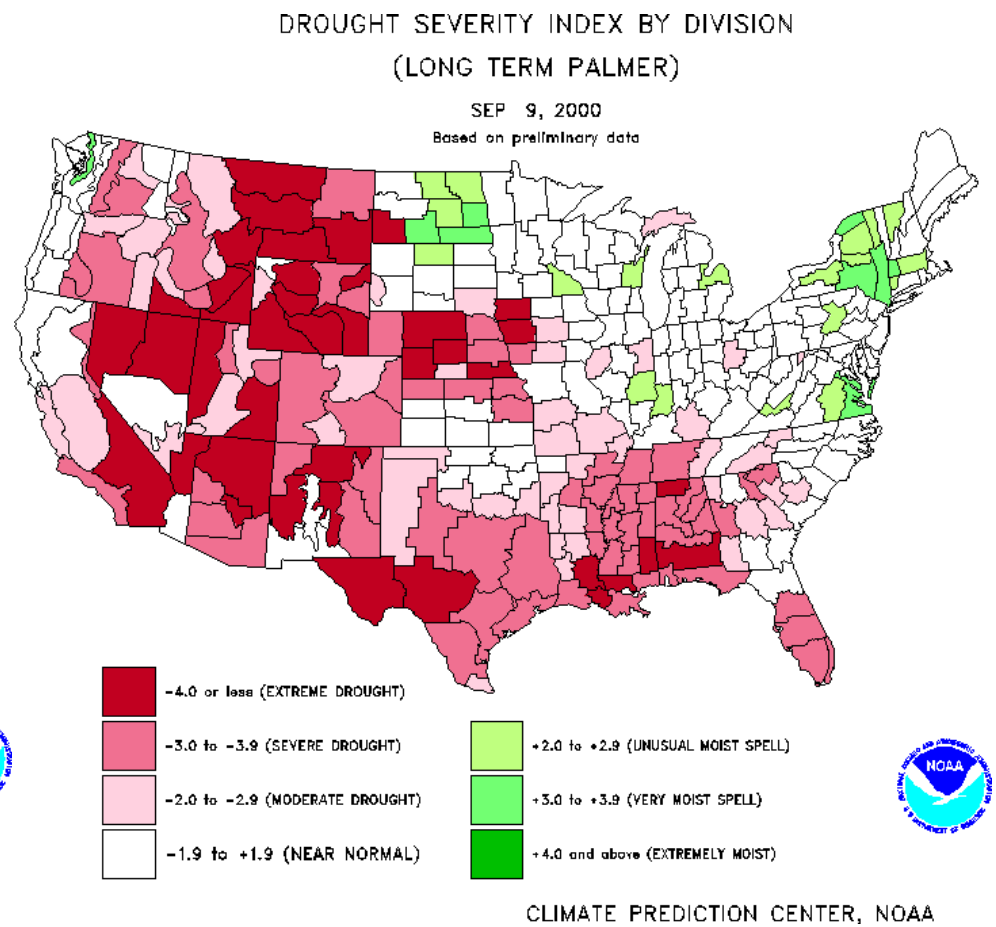
Palmer Drought Maps



November 11, 2000

Palmer Drought Maps

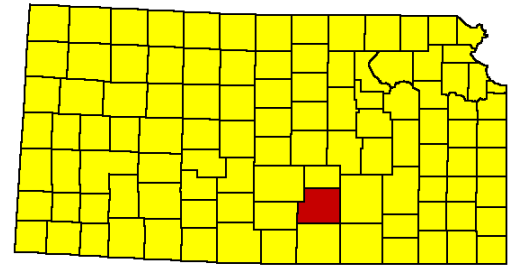


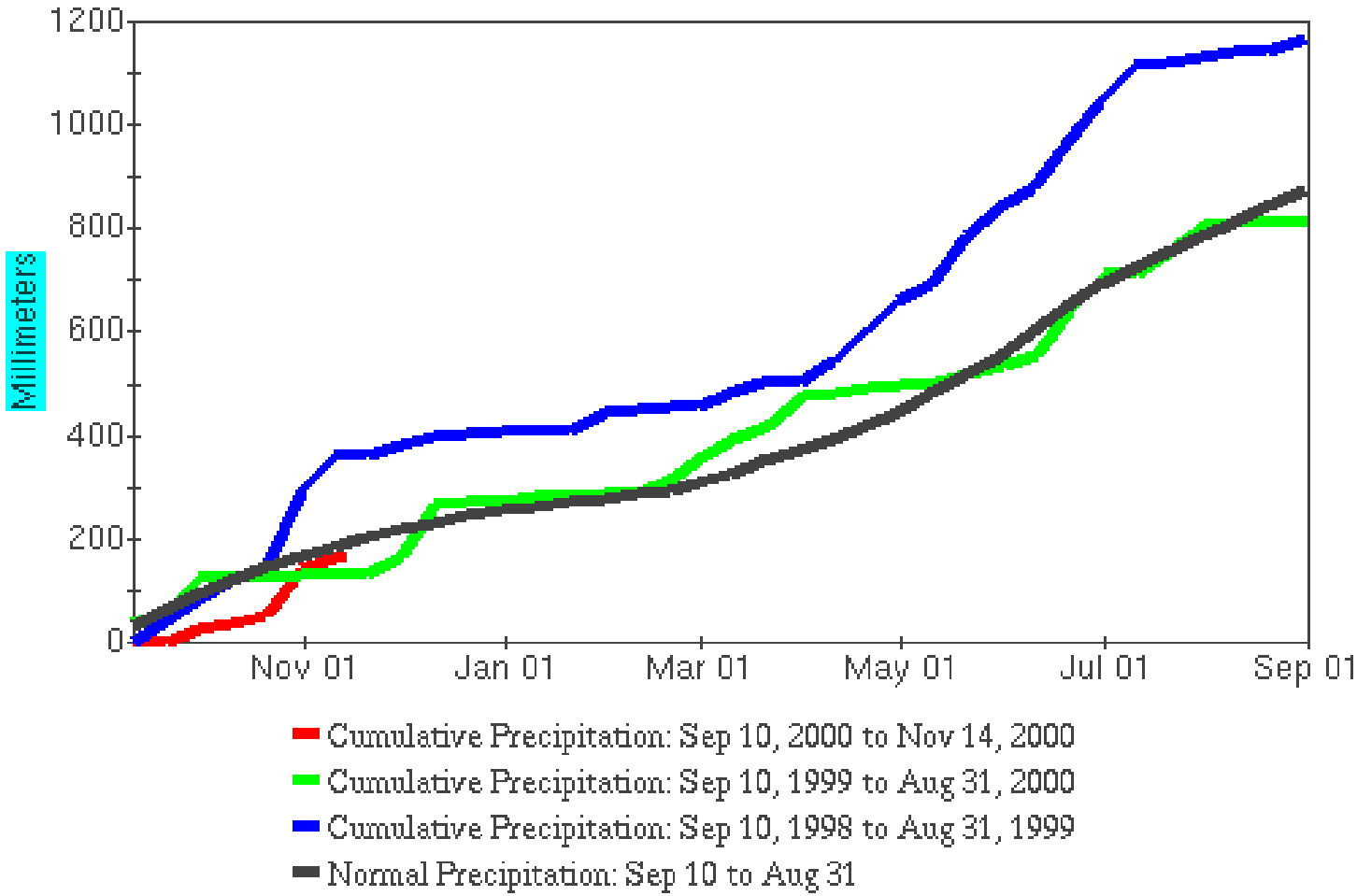


June 24, 2000

September 9, 2000

Wichita, Kansas





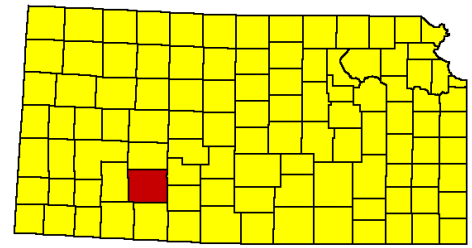
Cumulative Precipitation Comparison

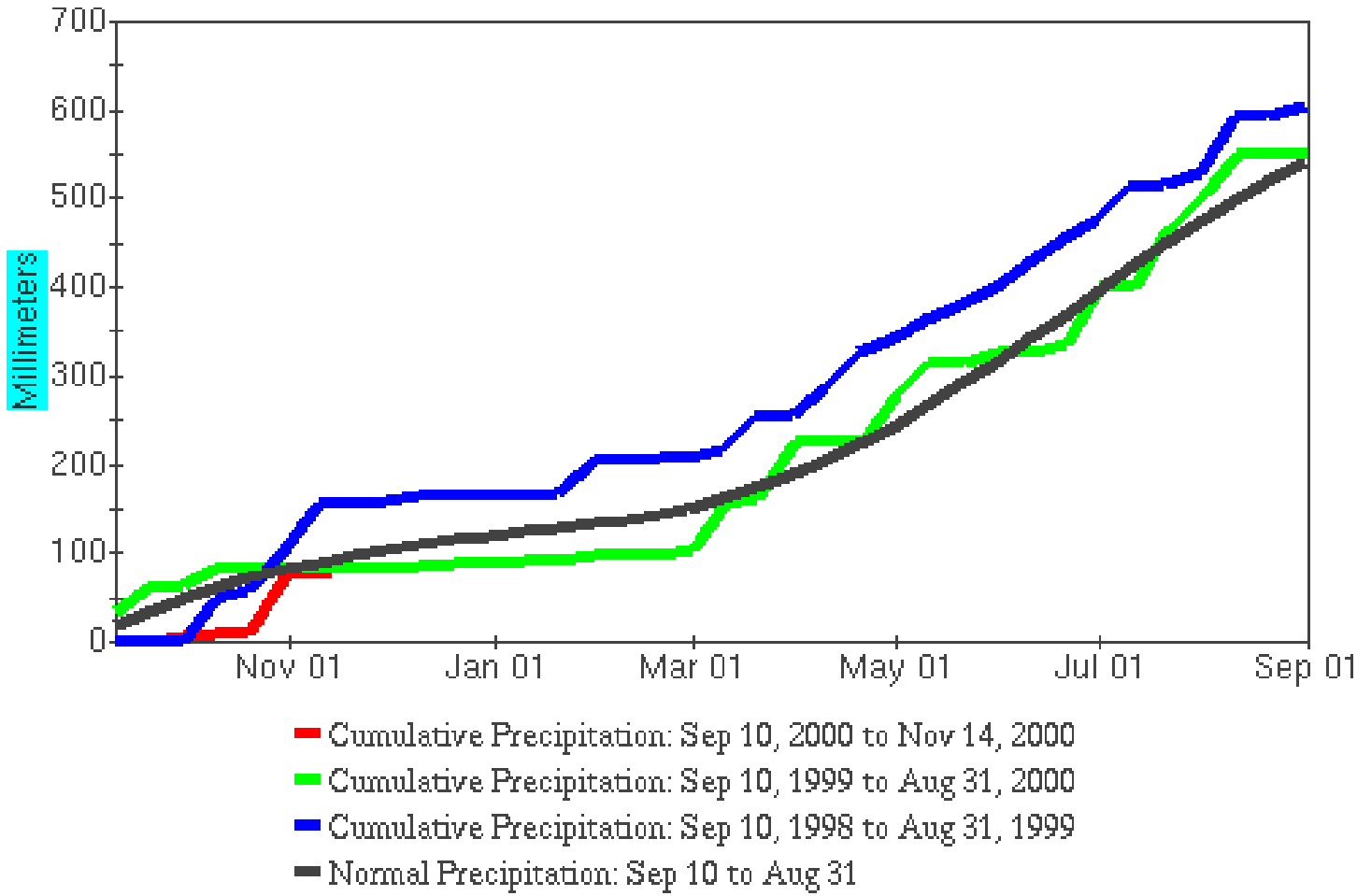
Data Source: WMO Station data

25.4 millimeters = 1 inch

USDA FSA – FAS Center for Remote Sensing Analysis

Dodge City, Kansas





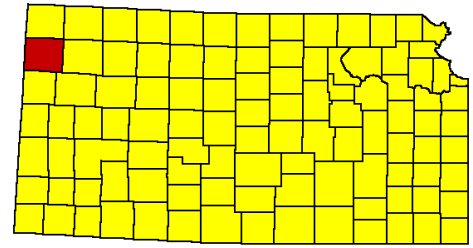
Cumulative Precipitation Comparison

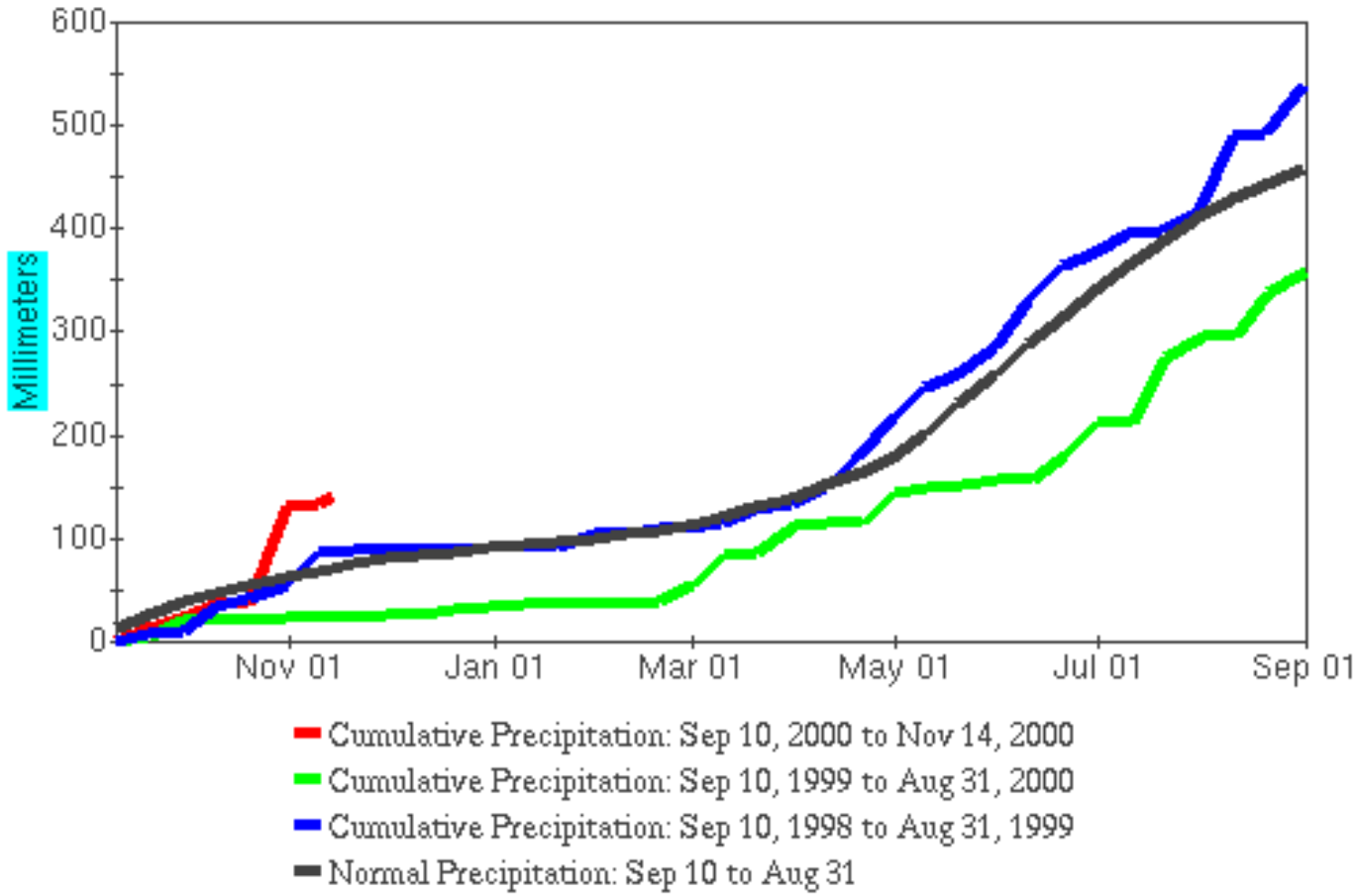
Data Source: WMO Station data

25.4 millimeters = 1 inch

USDA FSA – FAS Center for Remote Sensing Analysis

Goodland, Kansas





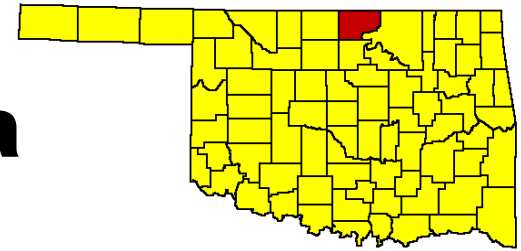
Cumulative Precipitation Comparison

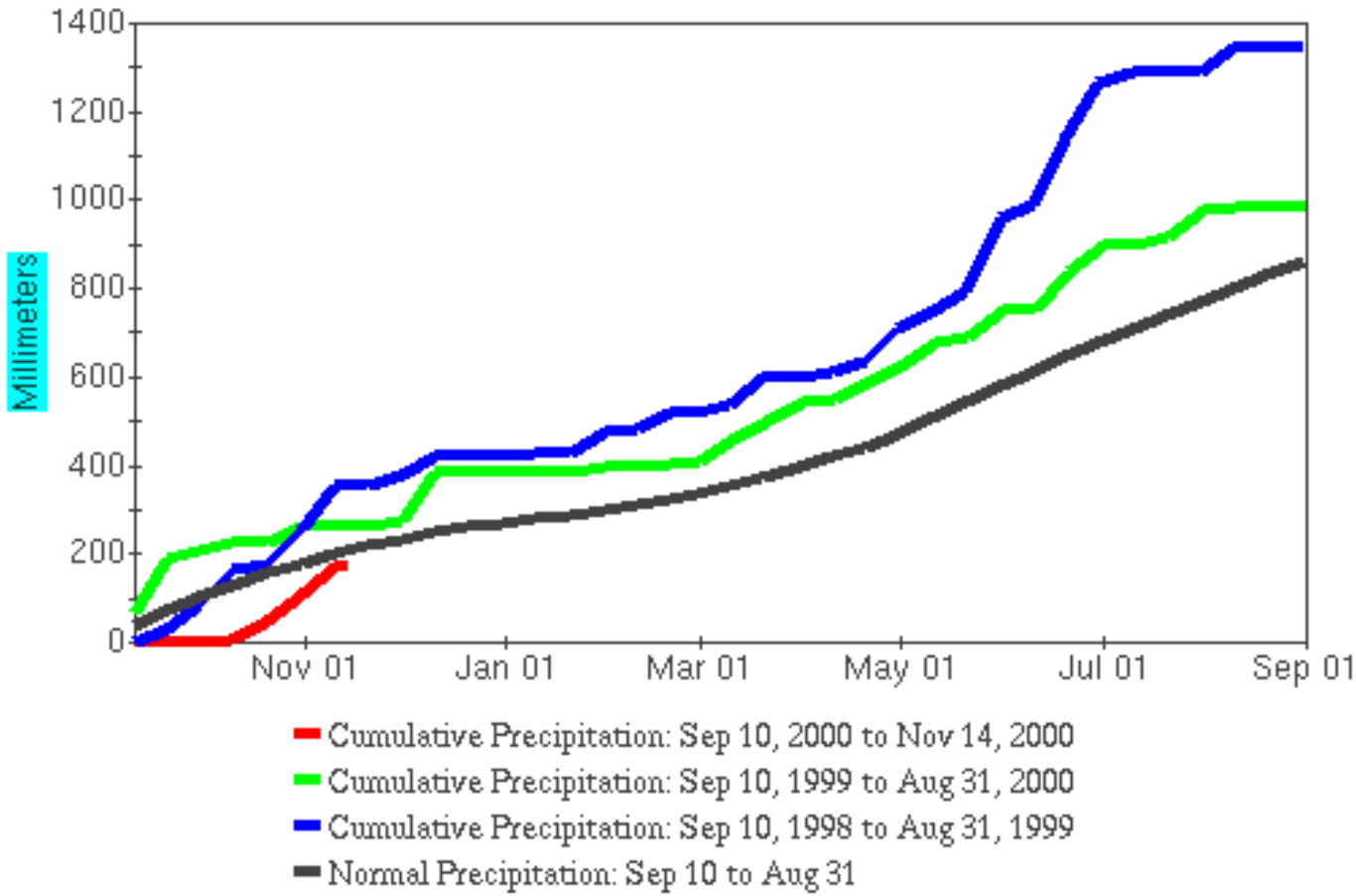
Data Source: WMO Station data

25.4 millimeters = 1 inch

USDA FSA – FAS Center for Remote Sensing Analysis

Ponca City, Oklahoma



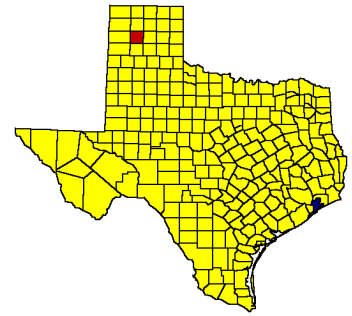


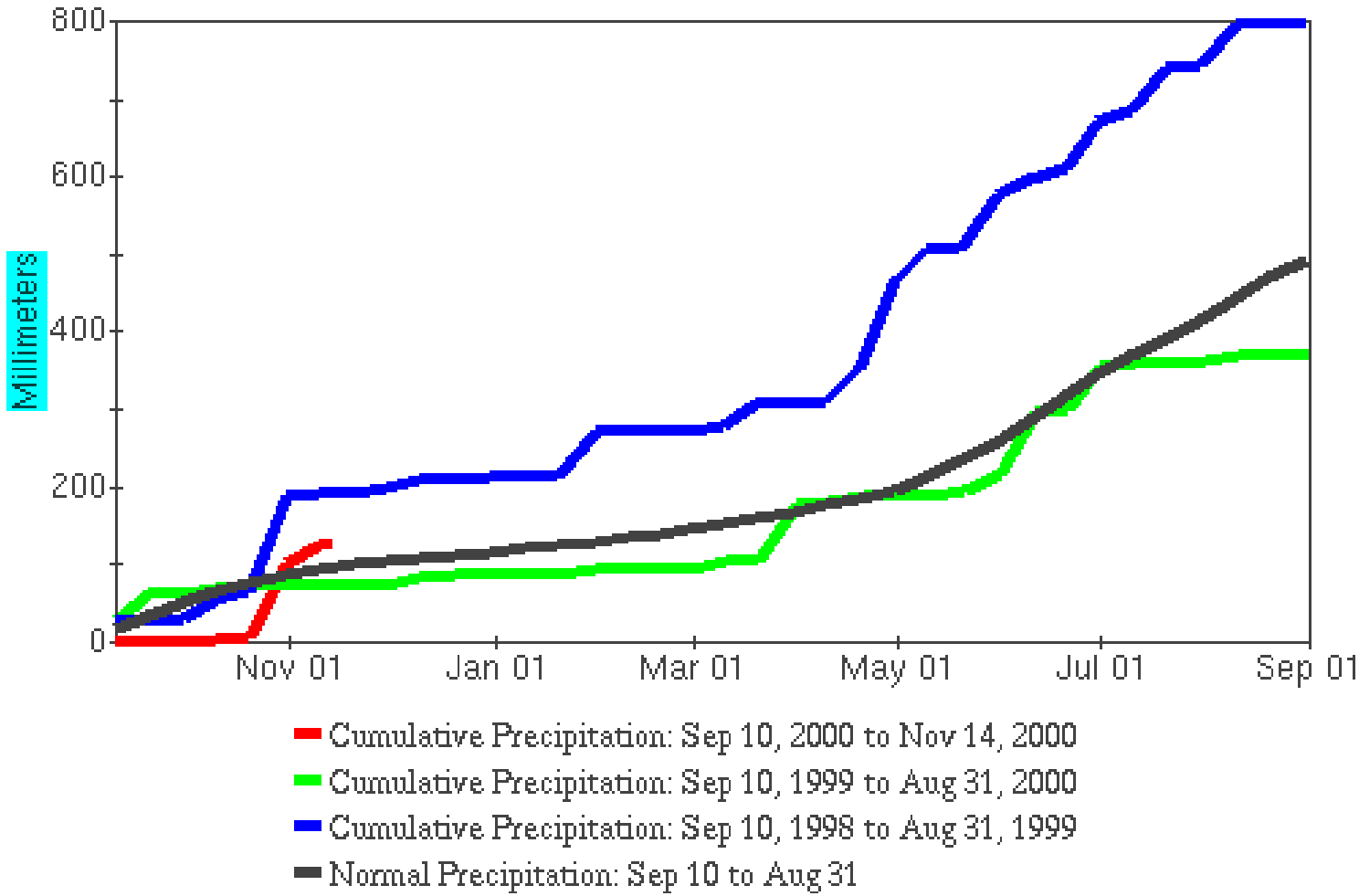
Cumulative Precipitation Comparison

Data Source: WMO Station data
25.4 millimeters = 1 inch

USDA FSA – FAS Center for Remote Sensing Analysis

Amarillo, Texas



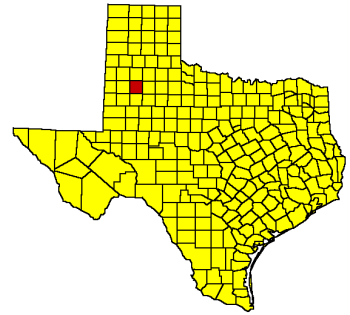


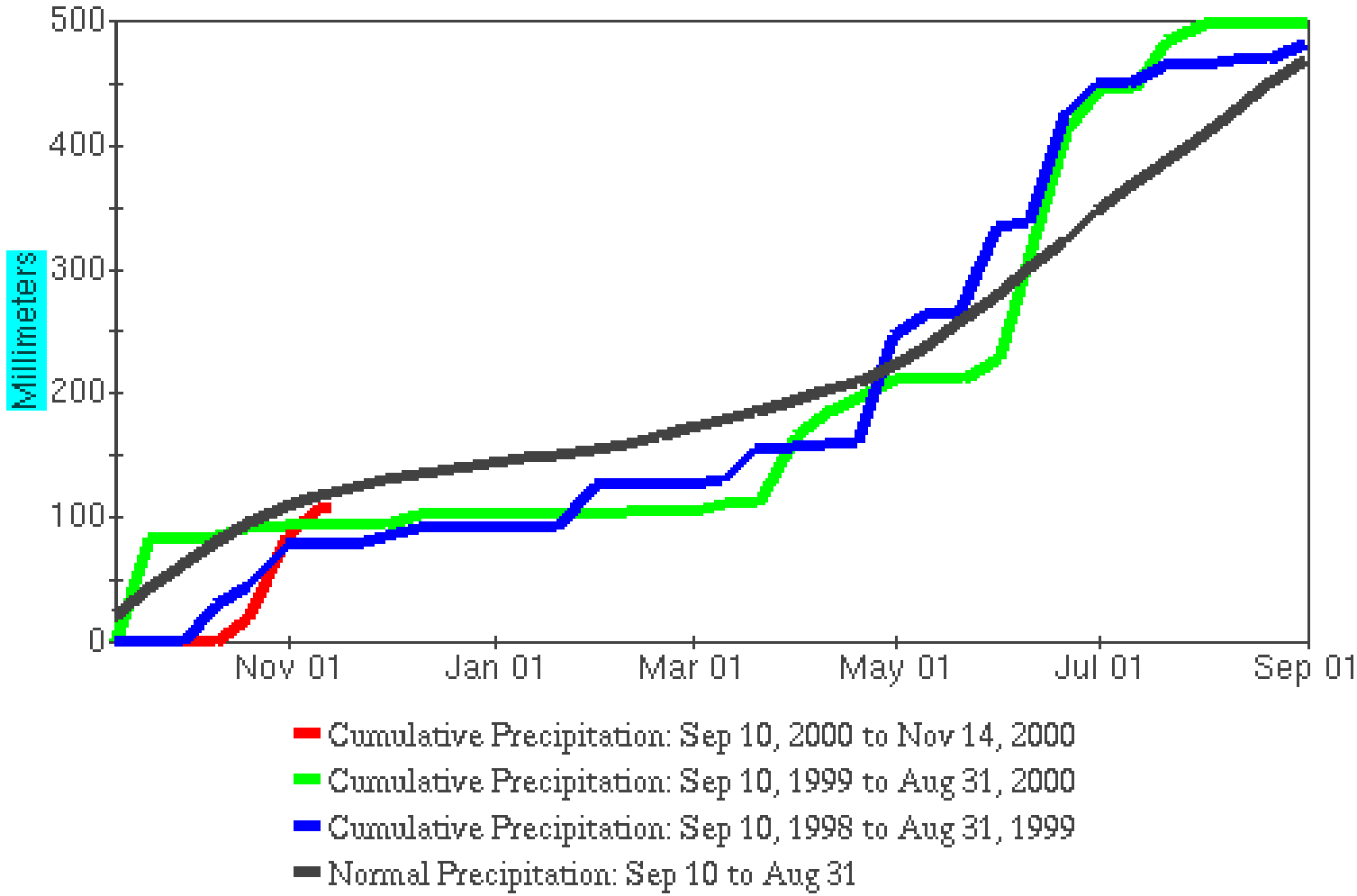
Cumulative Precipitation Comparison

Data Source: WMO Station data
25.4 millimeters = 1 inch

USDA FSA – FAS Center for Remote Sensing Analysis

Lubbock, Texas





Cumulative Precipitation Comparison

Data Source: WMO Station data
25.4 millimeters = 1 inch

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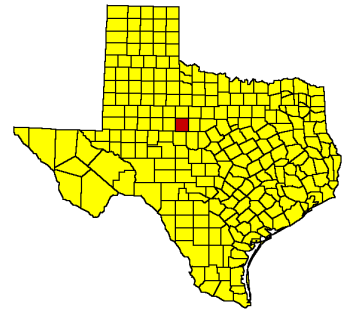
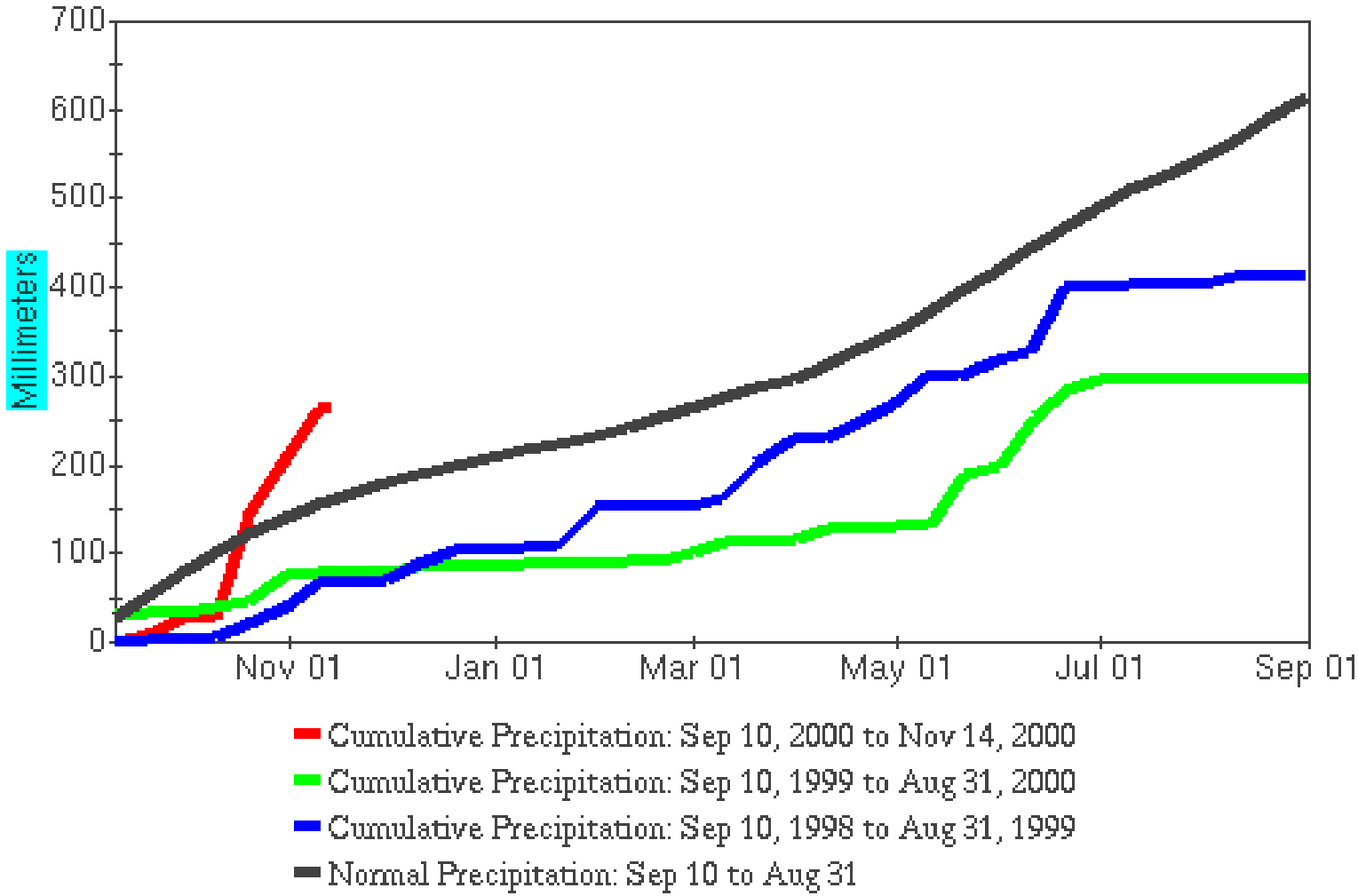
Abilene, Texas



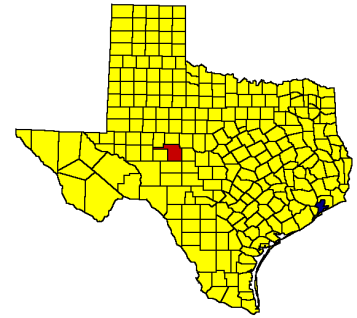


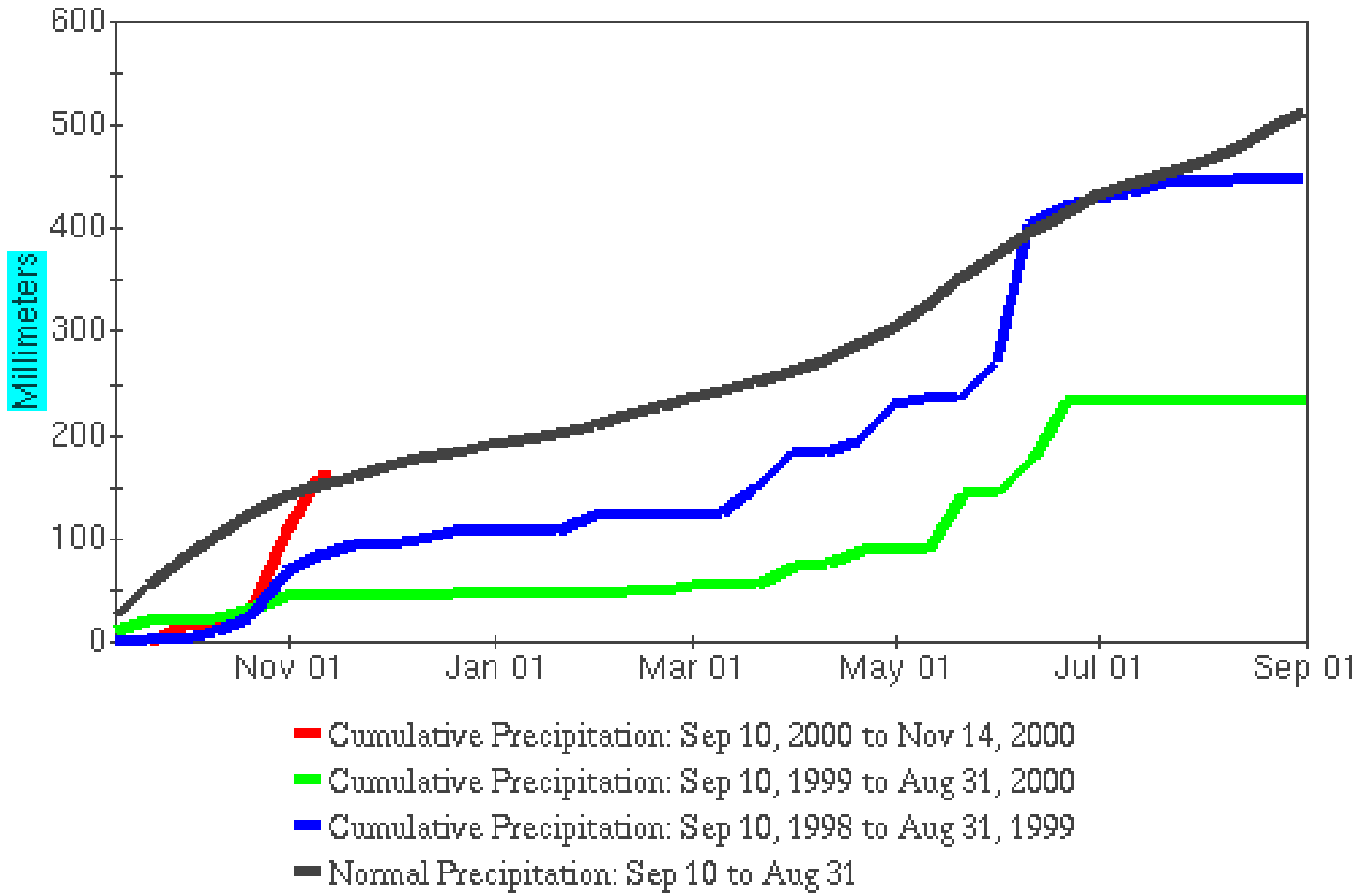
Cumulative Precipitation Comparison

Data Source: WMO Station data
25.4 millimeters = 1 inch

USDA FSA – FAS Center for Remote Sensing Analysis

San Angelo, Texas



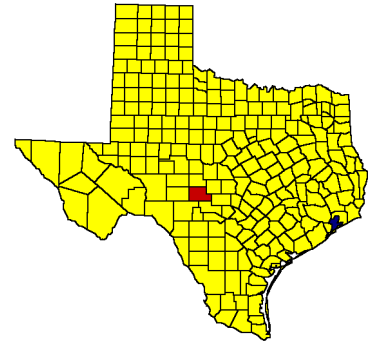


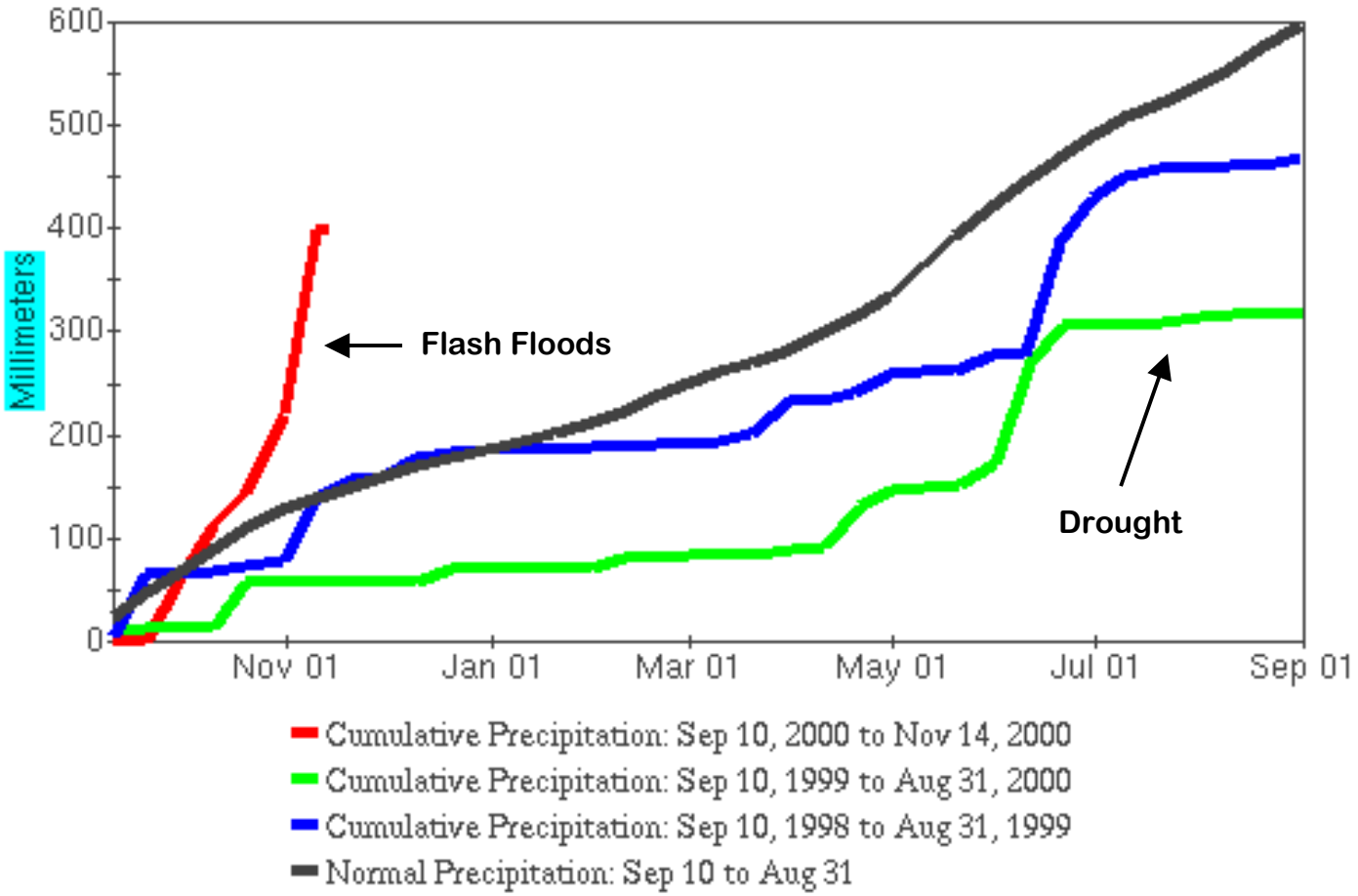
Cumulative Precipitation Comparison

Data Source: WMO Station data
25.4 millimeters = 1 inch

USDA FSA – FAS Center for Remote Sensing Analysis

Junction, Texas





Cumulative Precipitation Comparison

Data Source: WMO Station data
25.4 millimeters = 1 inch

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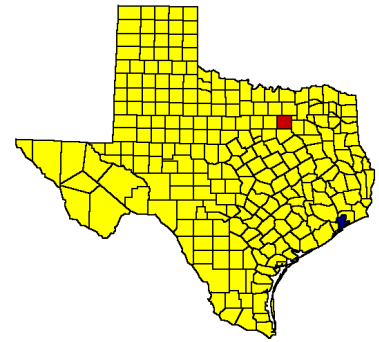
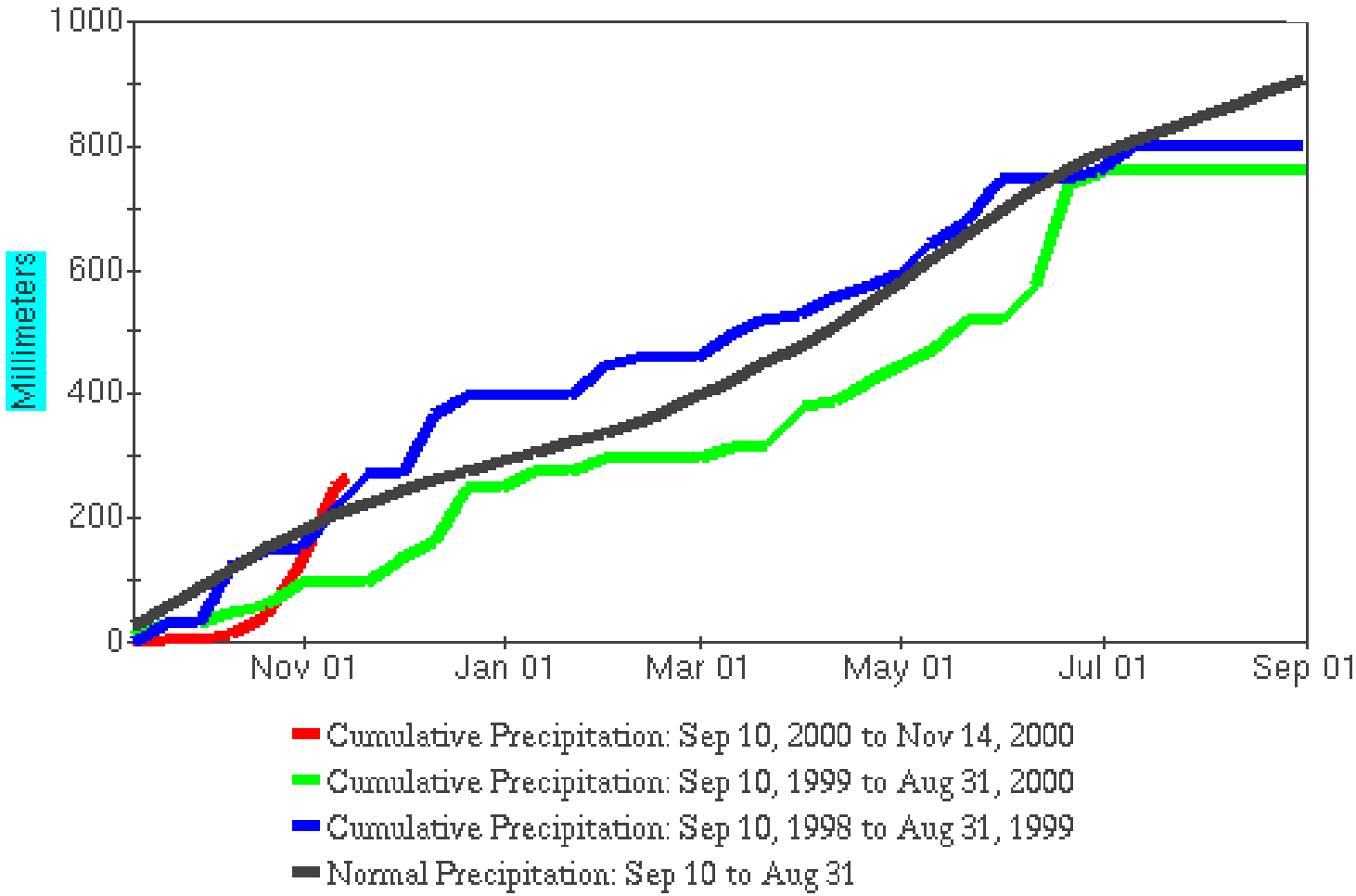
Dallas, Texas



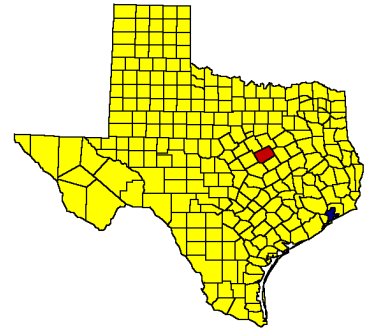


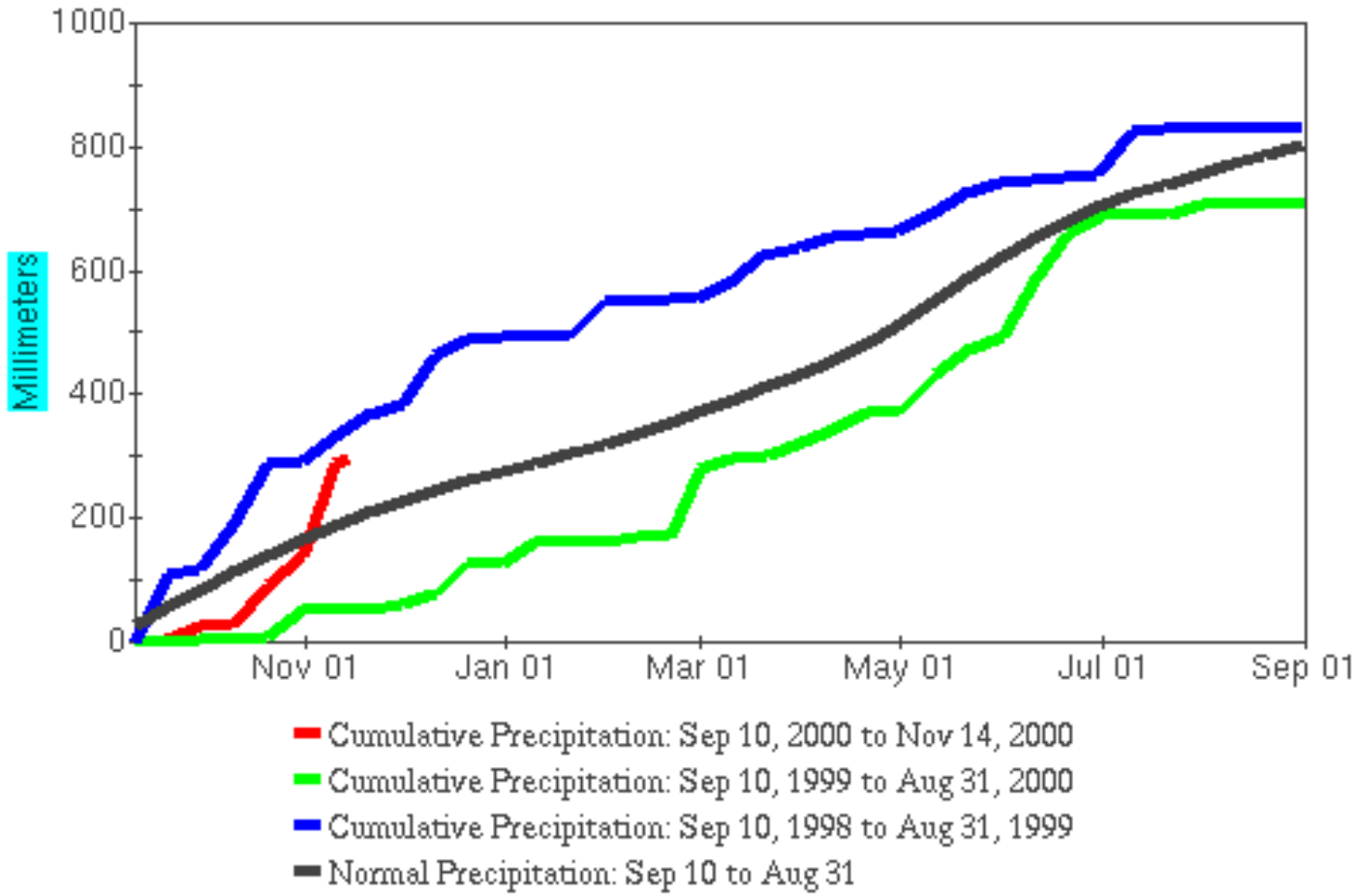
Cumulative Precipitation Comparison

Data Source: WMO Station data
25.4 millimeters = 1 inch

USDA FSA – FAS Center for Remote Sensing Analysis

Waco, Texas



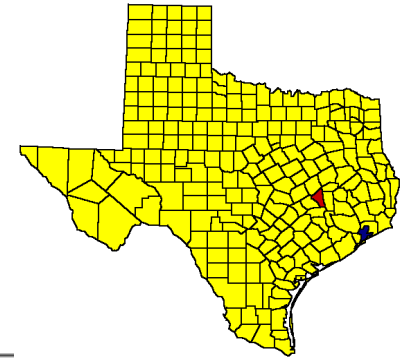


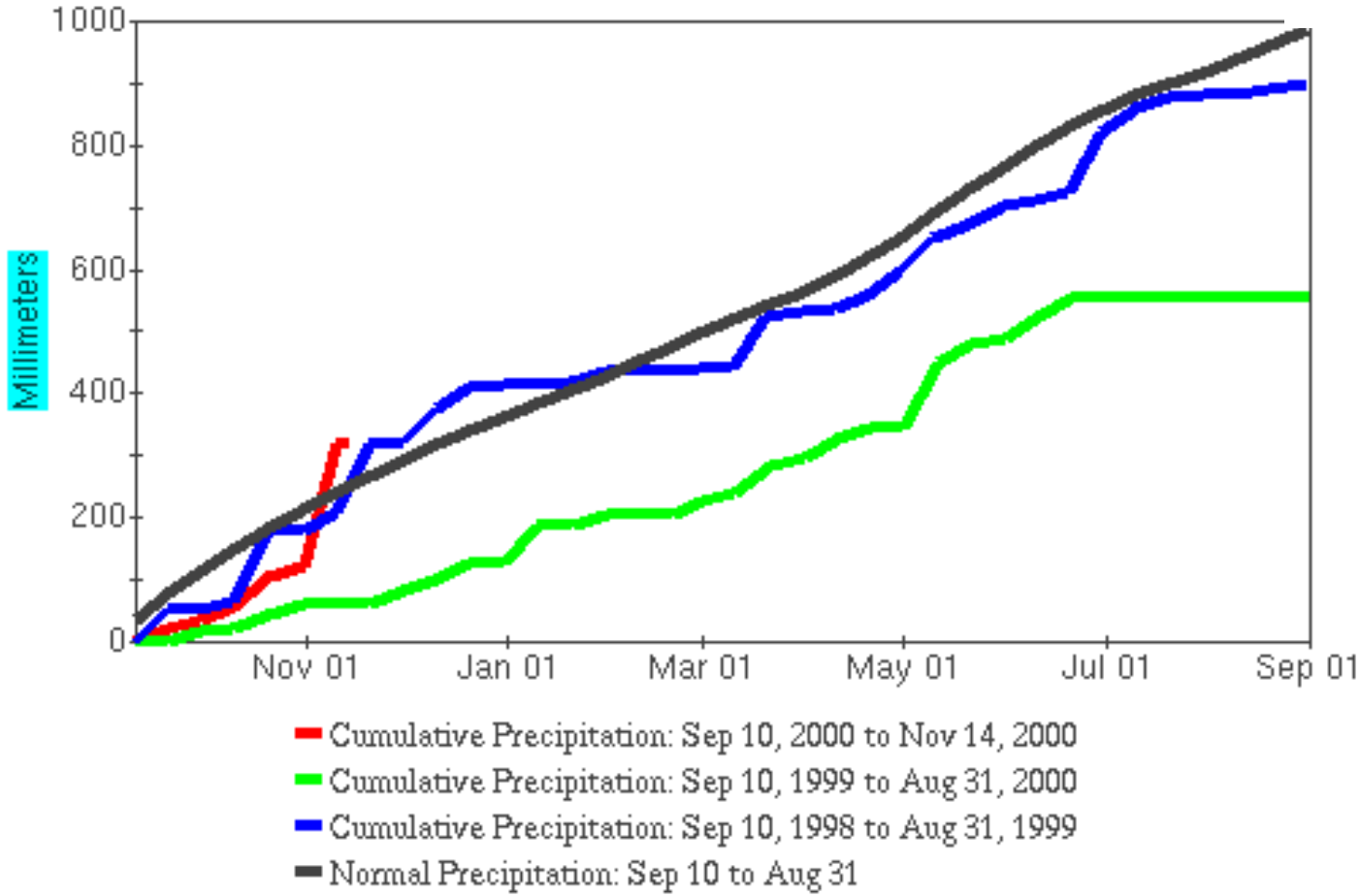
Cumulative Precipitation Comparison

Data Source: WMO Station data
25.4 millimeters = 1 inch

USDA FSA – FAS Center for Remote Sensing Analysis

College Station, Texas



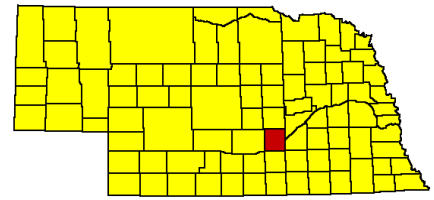


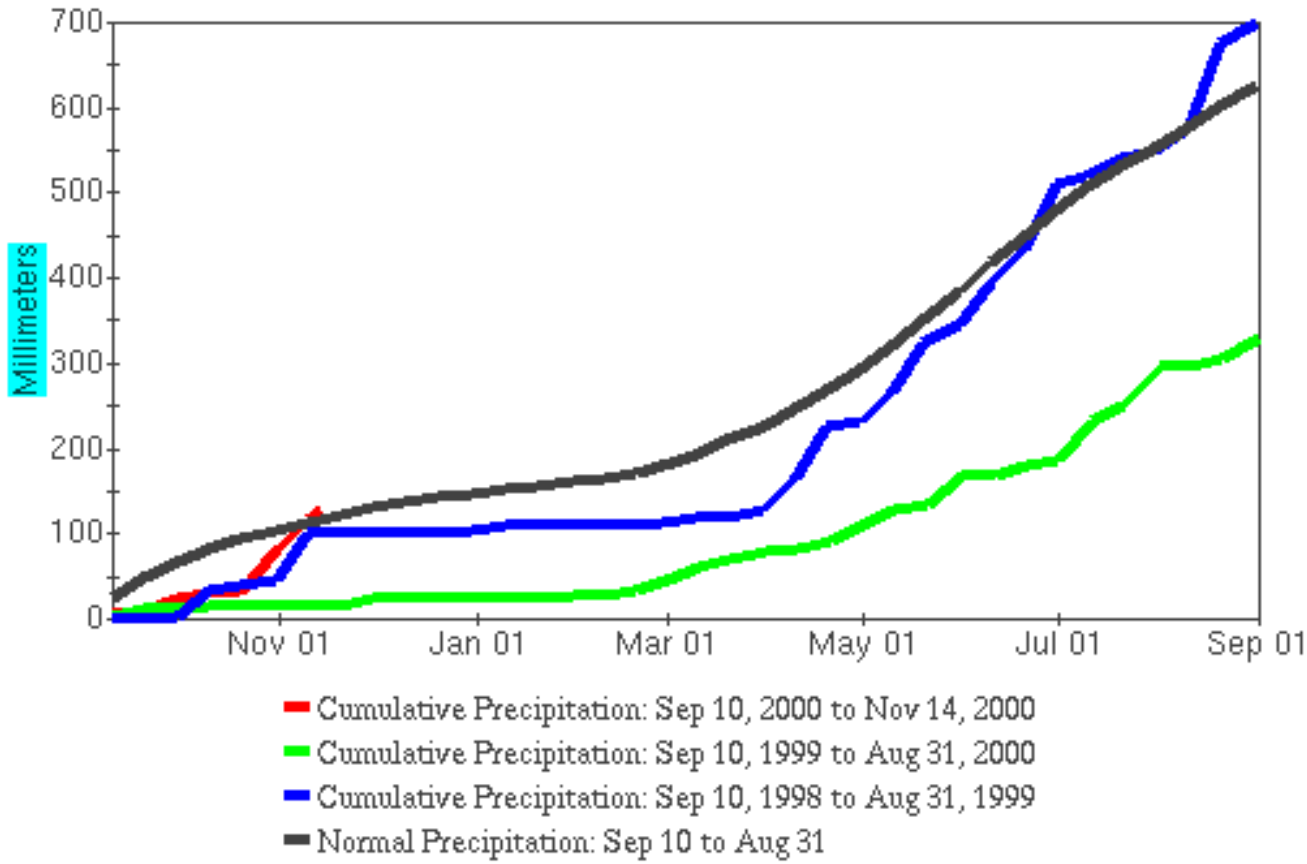
Cumulative Precipitation Comparison

Data Source: WMO Station data
25.4 millimeters = 1 inch

USDA FSA – FAS Center for Remote Sensing Analysis

Grand Island, Nebraska



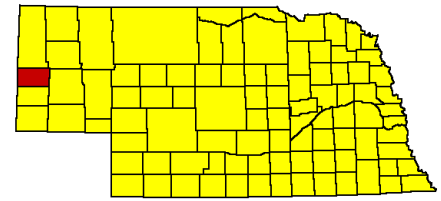


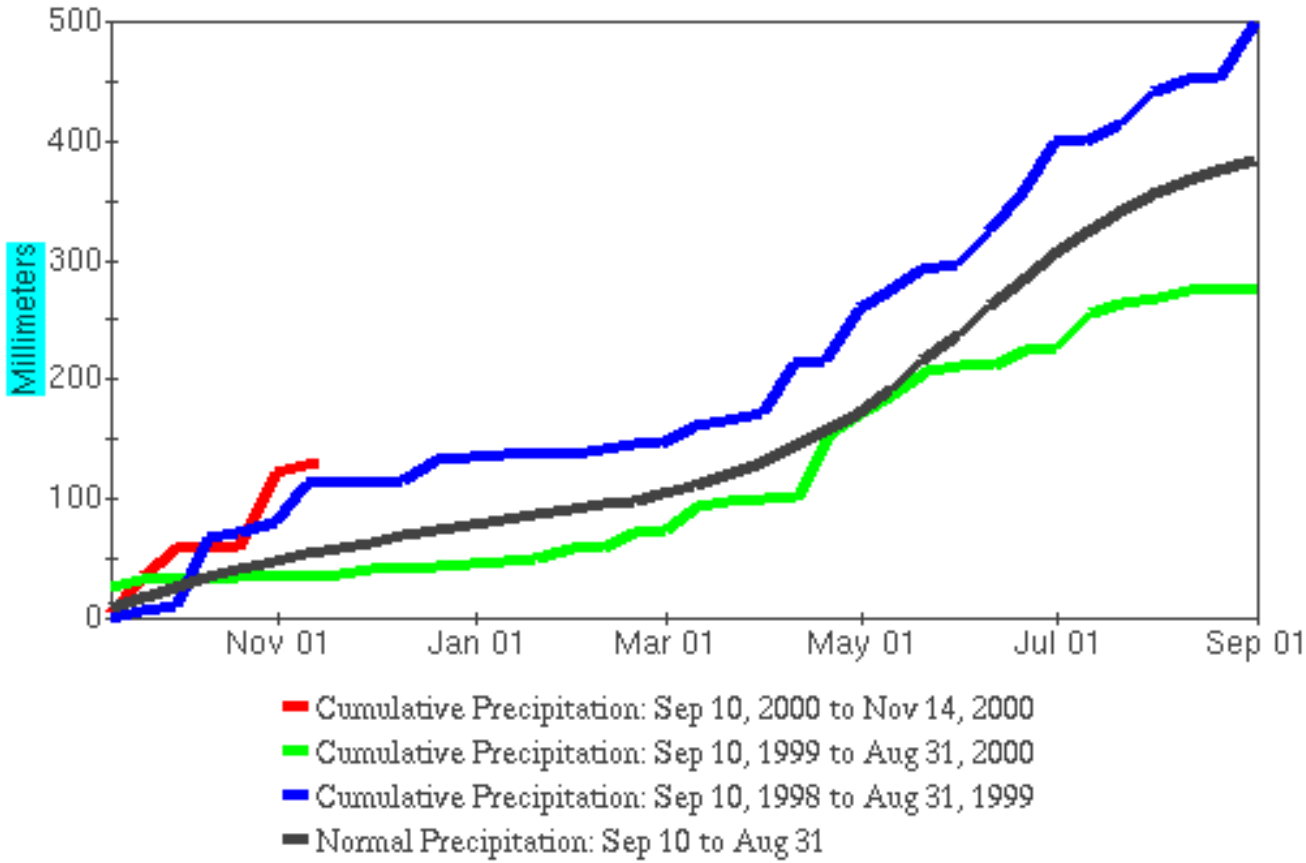
Cumulative Precipitation Comparison

Data Source: WMO Station data
25.4 millimeters = 1 inch

USDA FSA – FAS Center for Remote Sensing Analysis

Scottsbluff, Nebraska





Cumulative Precipitation Comparison

Data Source: WMO Station data
25.4 millimeters = 1 inch

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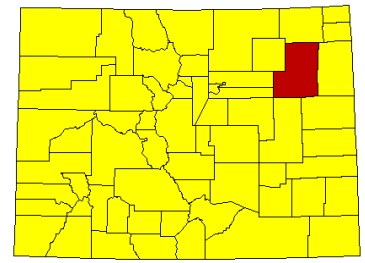
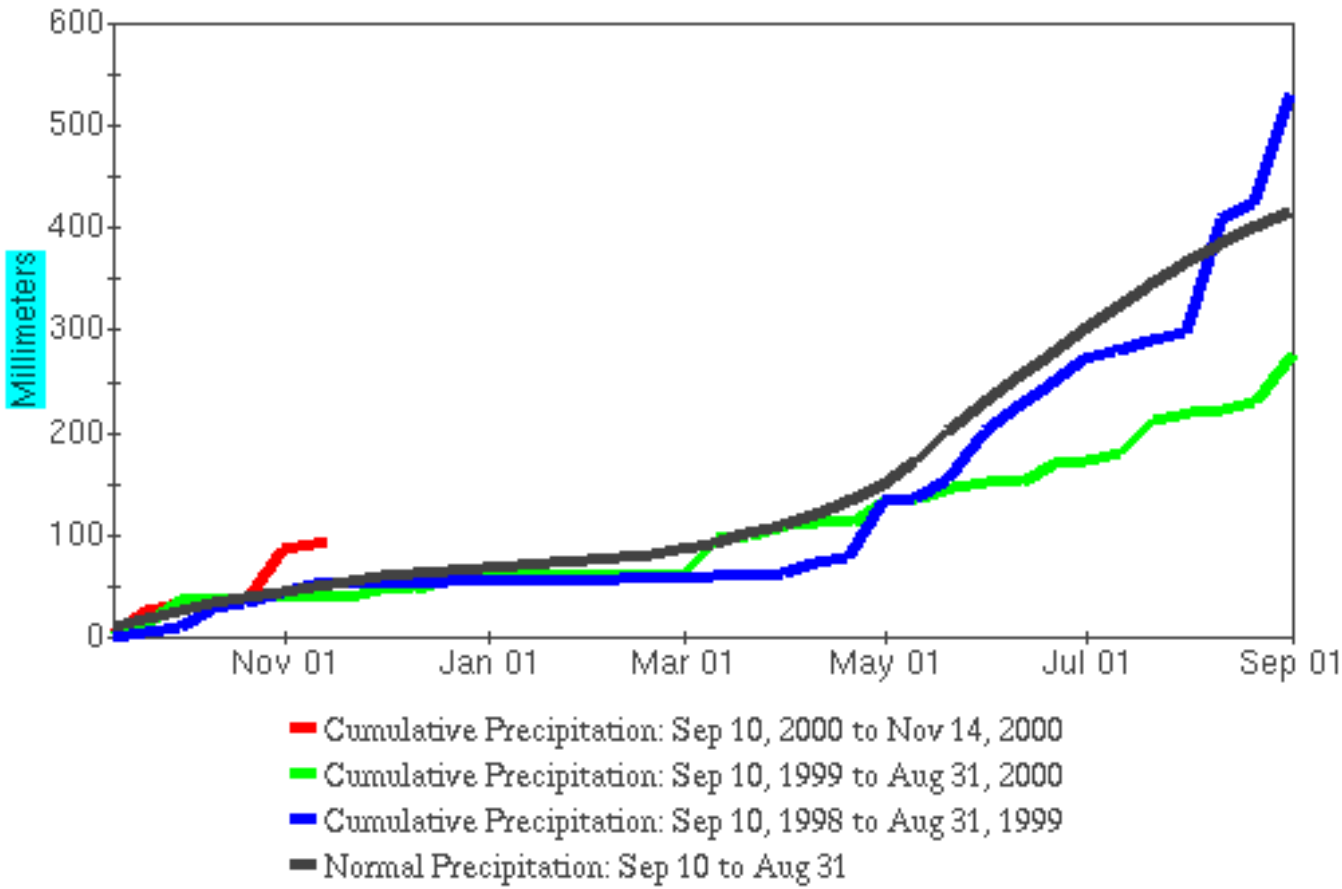
Akron, Colorado





Cumulative Precipitation Comparison

Data Source: WMO Station data
25.4 millimeters = 1 inch

USDA FSA – FAS Center for Remote Sensing Analysis

Thanks for Visiting
the
FSA – FAS
Center for
Remote Sensing
Analysis