



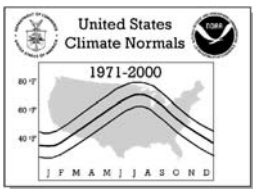
# State Monthly Temperature, Precipitation, and Degree Days 1971 – 2000 (and previous normals periods)

## ***Section 2: State Maps, 1931-2000***

*U.S. States*



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE  
NATIONAL CLIMATIC DATA CENTER  
ASHEVILLE, NC



**Section 2:**  
**Maps, 1931-2000**

**State Normals, 1971-2000 (and previous periods)**

HISTORICAL CLIMATOGRAPHY SERIES 4 and 5  
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

## NOTES

## State Normals Maps

Map Descriptions:

Maps showing both mean and standard deviations, by element and by month (or annual value), are provided for the 48 contiguous United States, plus Alaska and Hawaii where available. Puerto Rico, the U.S. Virgin Islands, and Pacific trust territories are not mapped.

Each map page has a description at the bottom of the page indicating the month (or annual period), period of record (either 1971-2000 or 1931-2000), and element (either mean temperature (degrees F), precipitation (inches), and heating and cooling degree days (base 65 degrees F)). The legend to the immediate left of the maps provide data range/color relationships, which correspond to the tabular information presented in this product. Slight variations in color display and printouts between the legend and maps are possible.

Long-term (1931-2000) statistics are not available for Hawaii.

Additional notes on the state normals product can be found on Page 3 of HCS 4-1,2; 5-1,2.

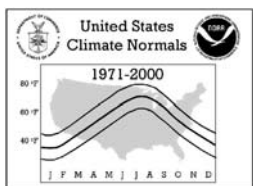
Abbreviations:

HDD=Heating Degree Days

CDD=Cooling Degree Days



**National Climatic Data Center**  
**NESDIS/NOAA**  
**Asheville, North Carolina**



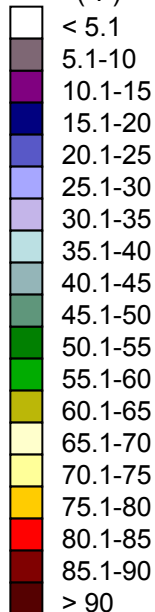
## State Normals Maps

### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

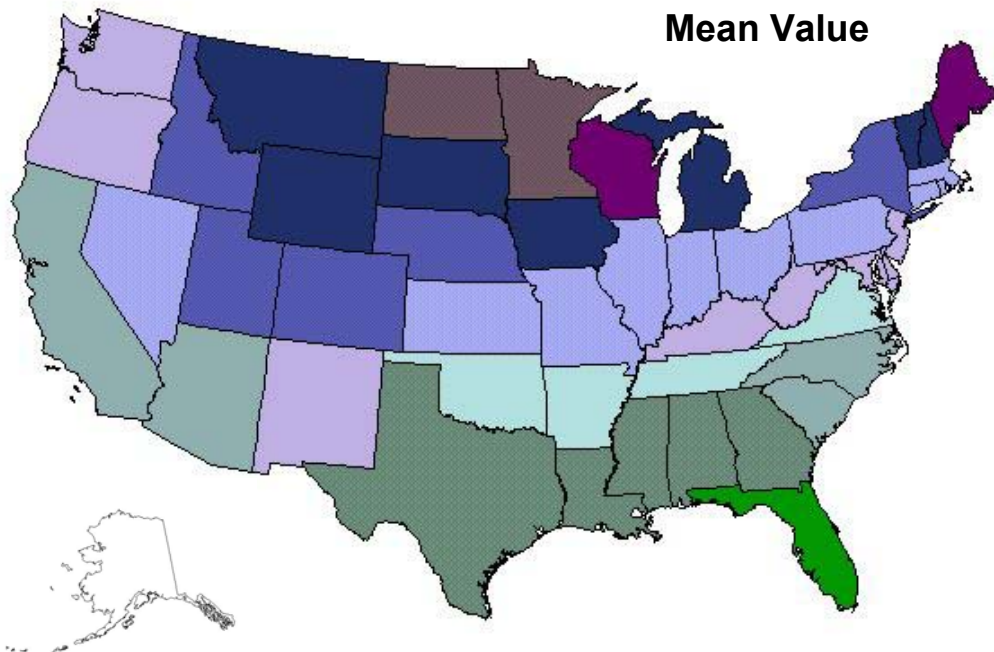
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

#### Legend

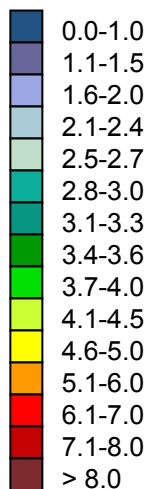
(°F)



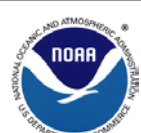
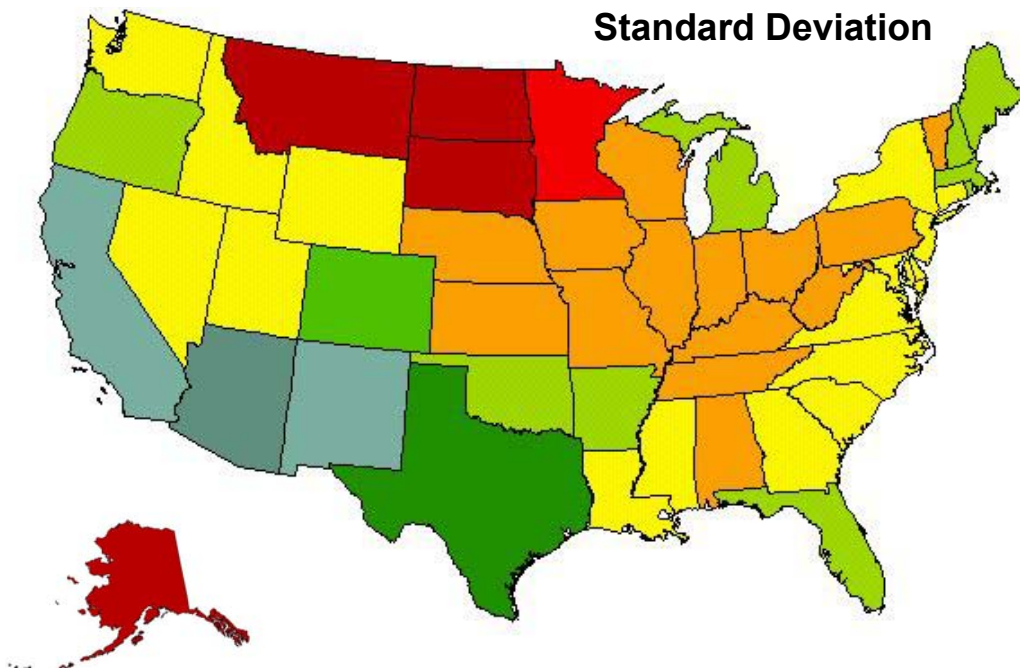
#### Mean Value



#### Legend



#### Standard Deviation

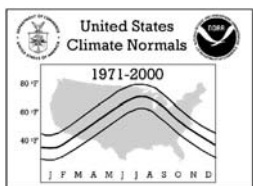


National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: **January**  
Period: **1931-2000**  
Element: **Temperature**

Map/Legend in Color

Map Page **3**



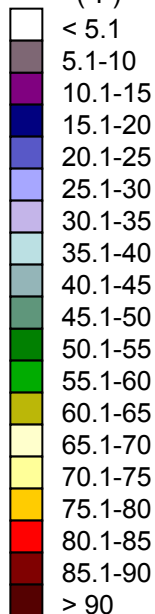
# State Normals Maps

HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

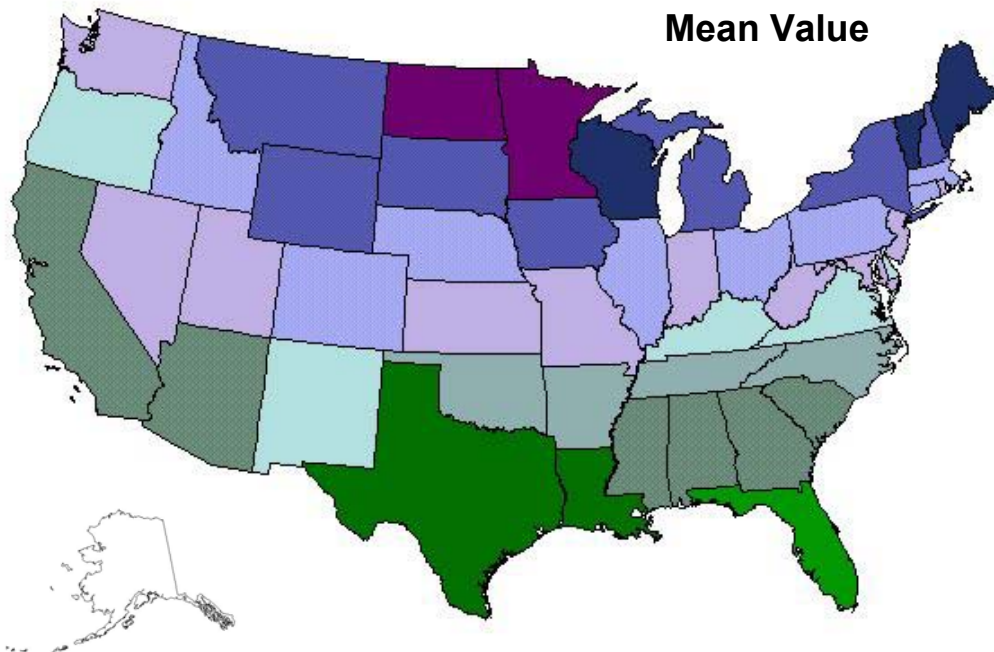
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

## Legend

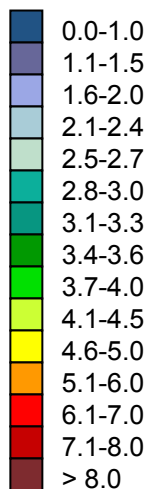
(°F)



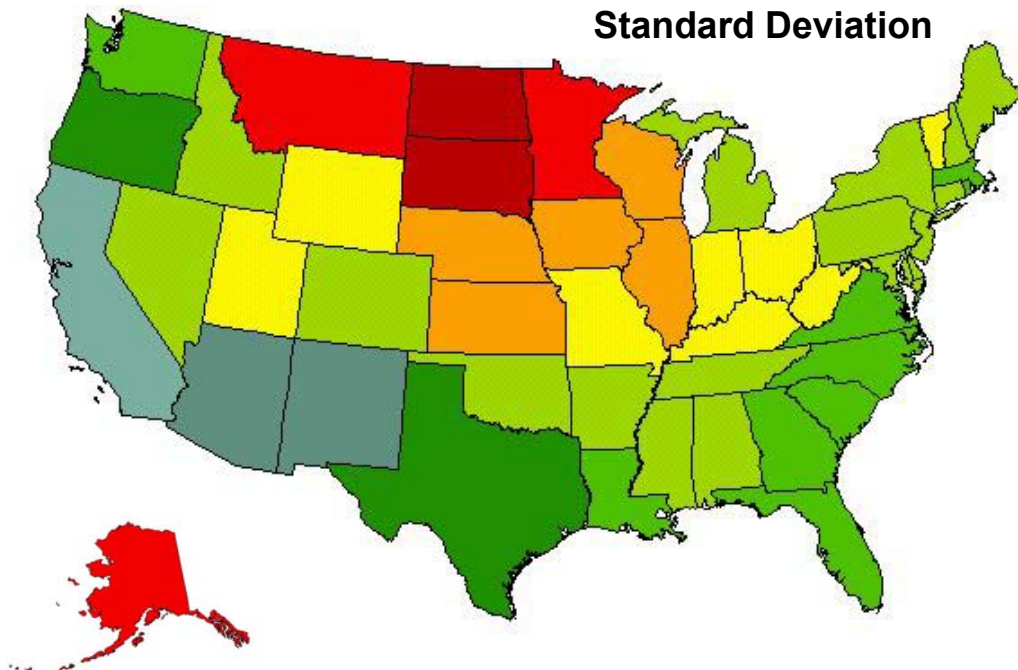
## Mean Value



## Legend



## Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: February  
Period: 1931-2000  
Element: Temperature

Map/Legend in Color

Map Page 4





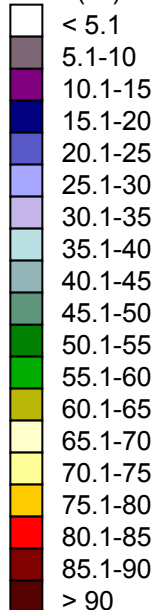
# State Normals Maps

## HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

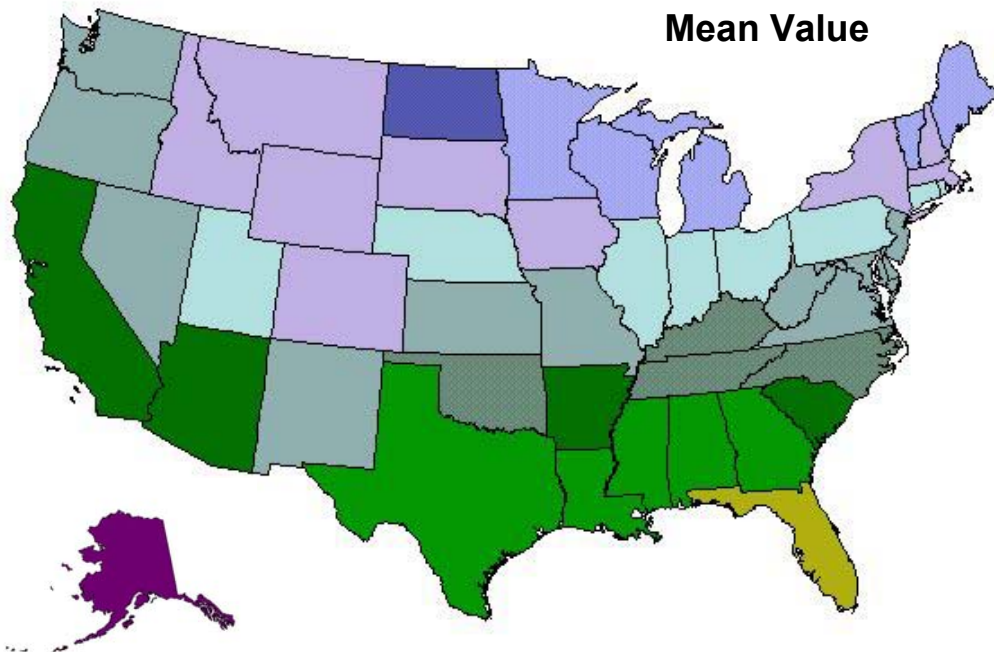
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

### Legend

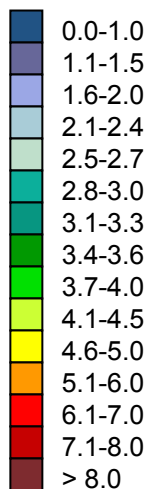
(°F)



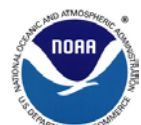
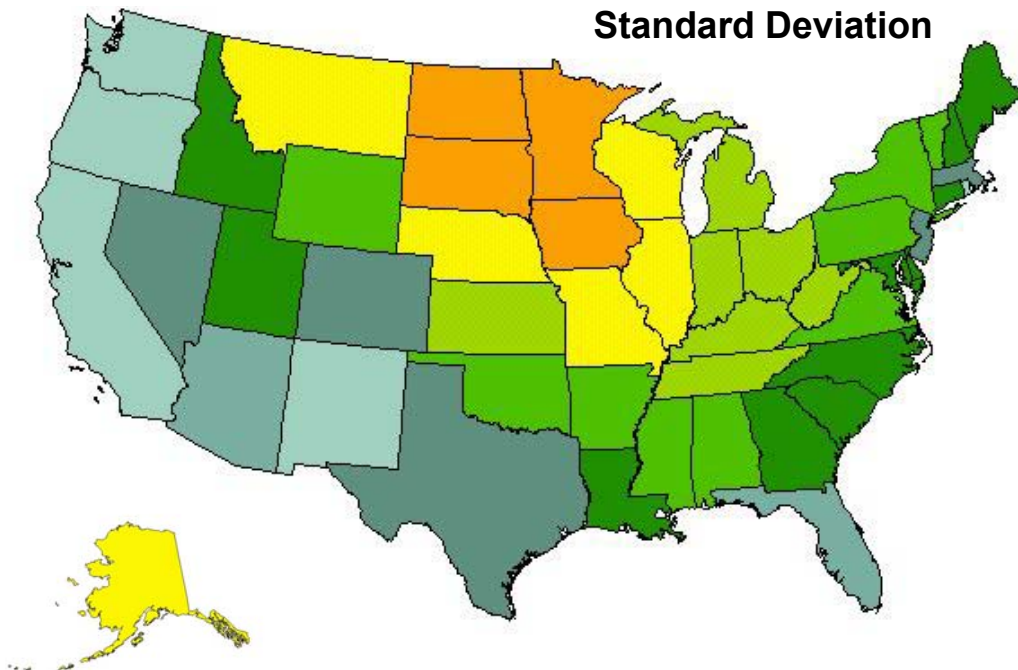
### Mean Value



### Legend



### Standard Deviation

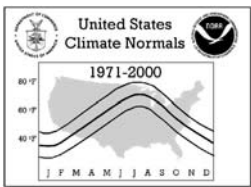


National Climatic Data Center  
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Asheville, North Carolina

Month: March  
Period: 1931-2000  
Element: Temperature

Map/Legend in Color

Map Page 5



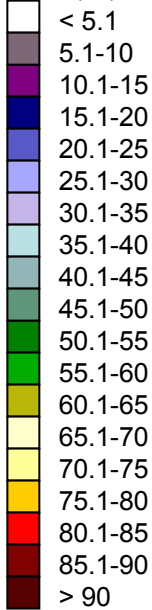
## State Normals Maps

### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

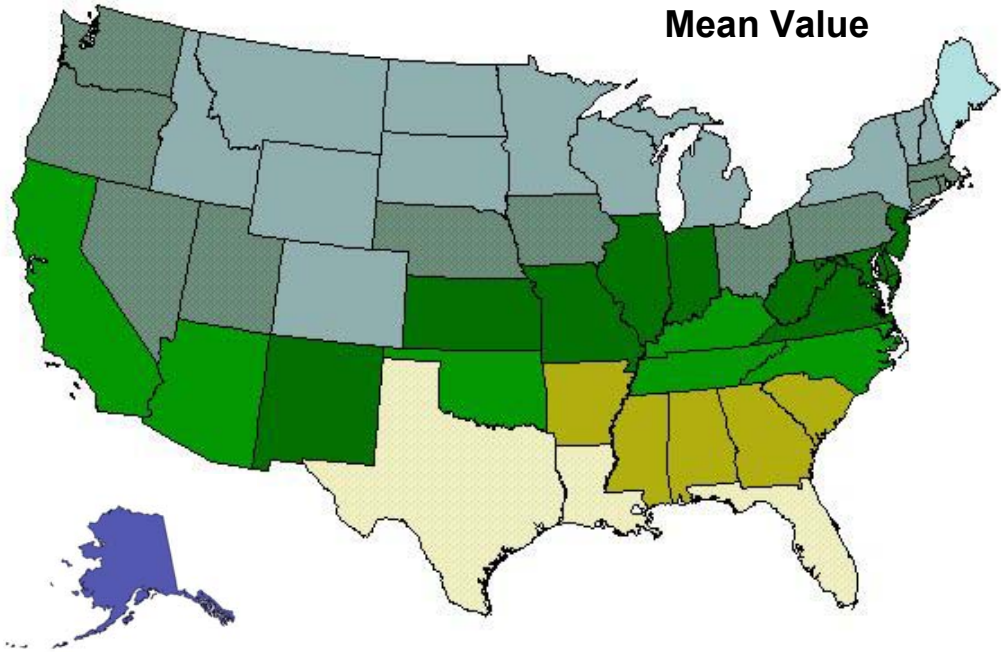
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

#### Legend

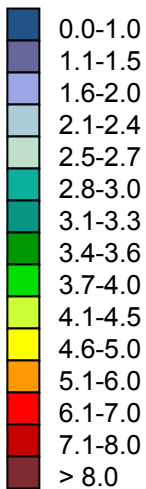
(°F)



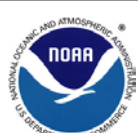
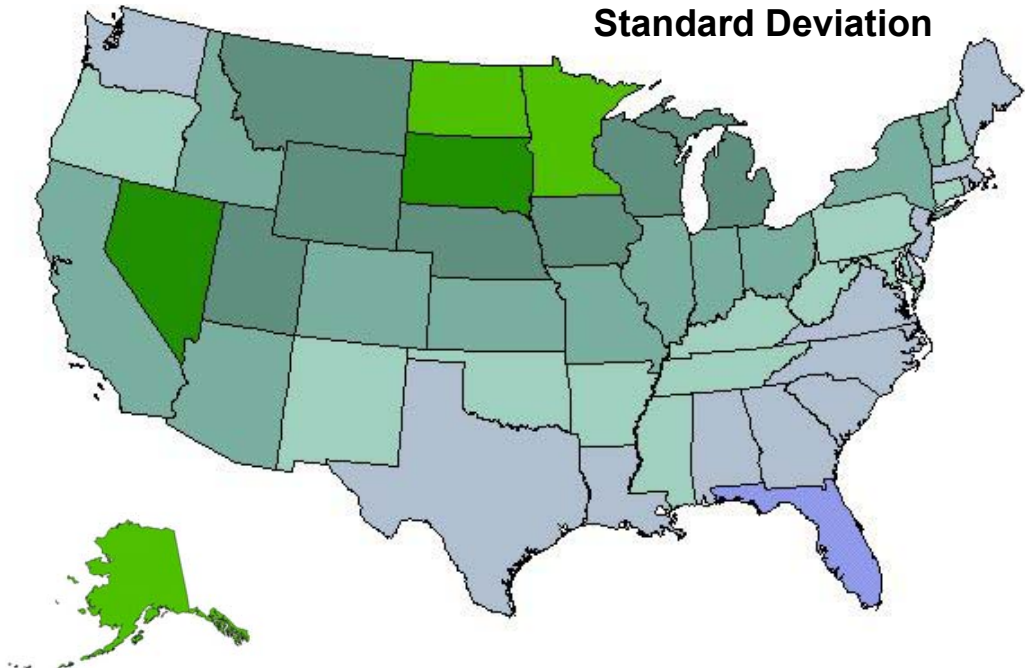
#### Mean Value



#### Legend



#### Standard Deviation

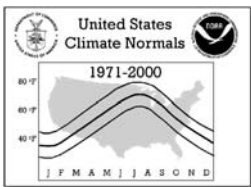


National Climatic Data Center  
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Asheville, North Carolina

Month: April  
Period: 1931-2000  
Element: Temperature

Map/Legend in Color

Map Page 6



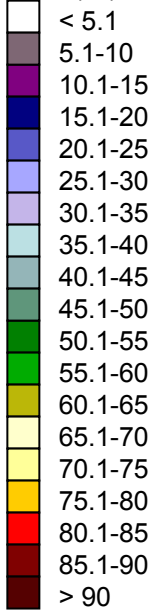
## State Normals Maps

HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

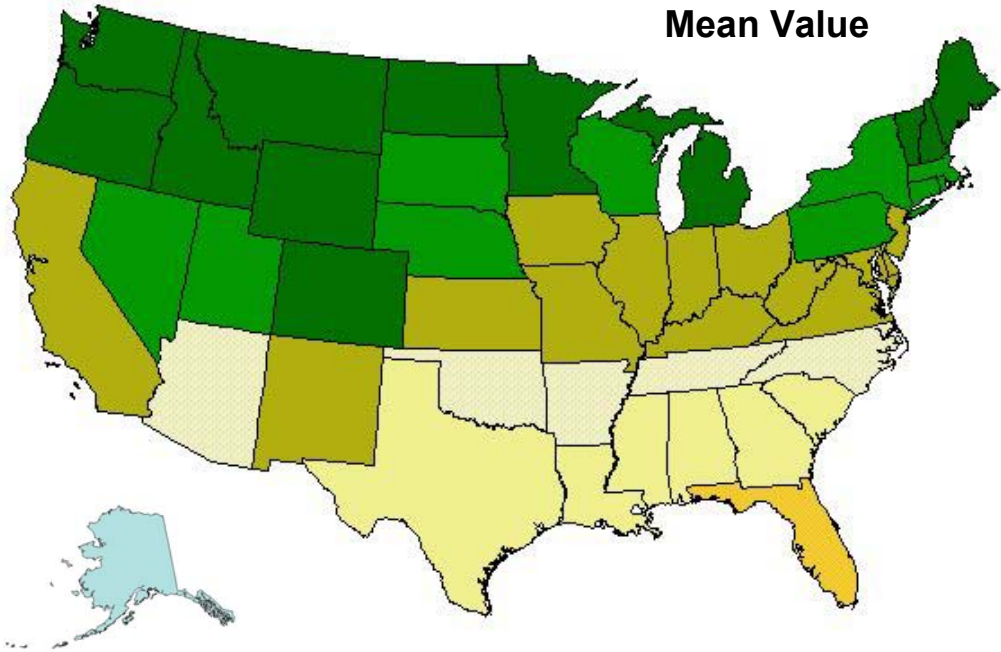
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

### Legend

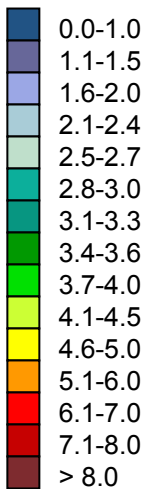
(°F)



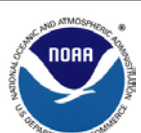
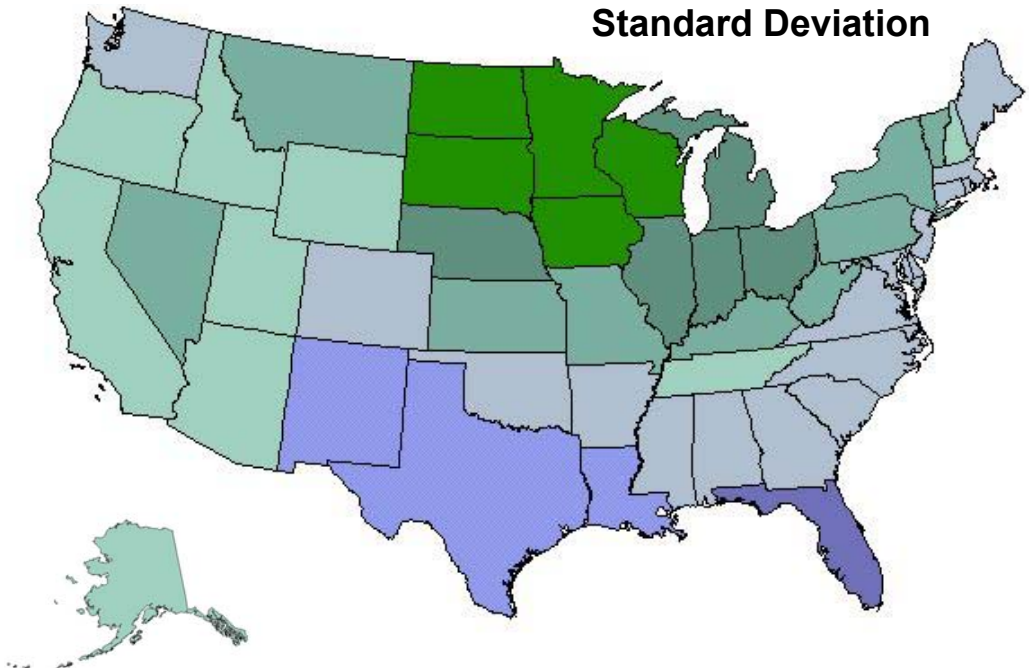
### Mean Value



### Legend



### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: May  
Period: 1931-2000  
Element: Temperature

Map/Legend in Color

Map Page 7





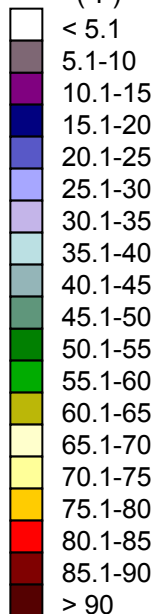
## State Normals Maps

### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

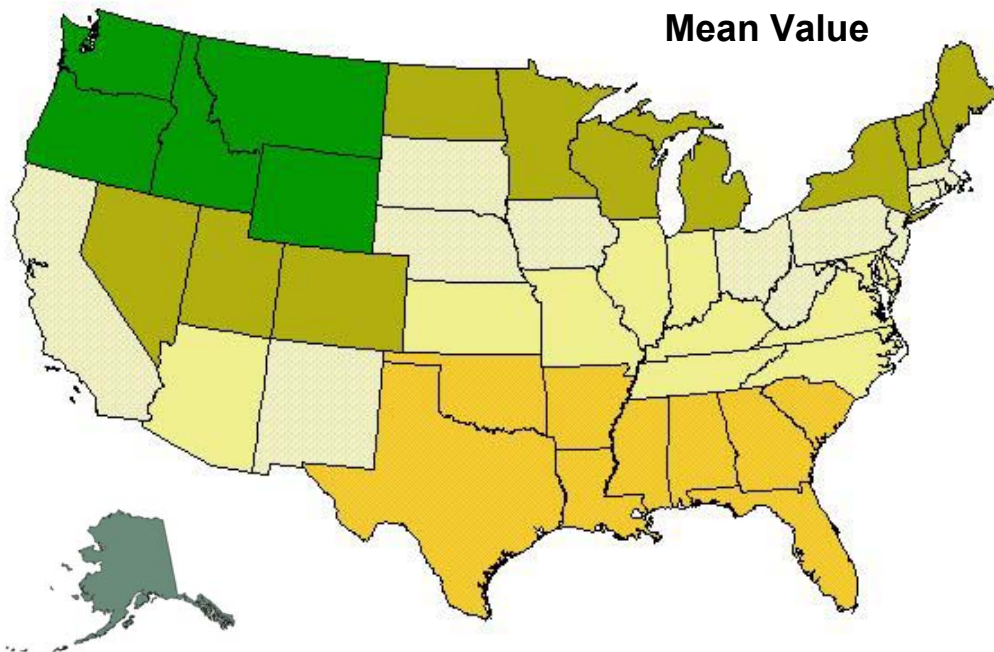
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

#### Legend

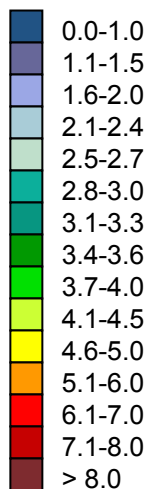
(°F)



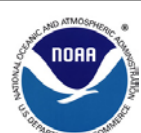
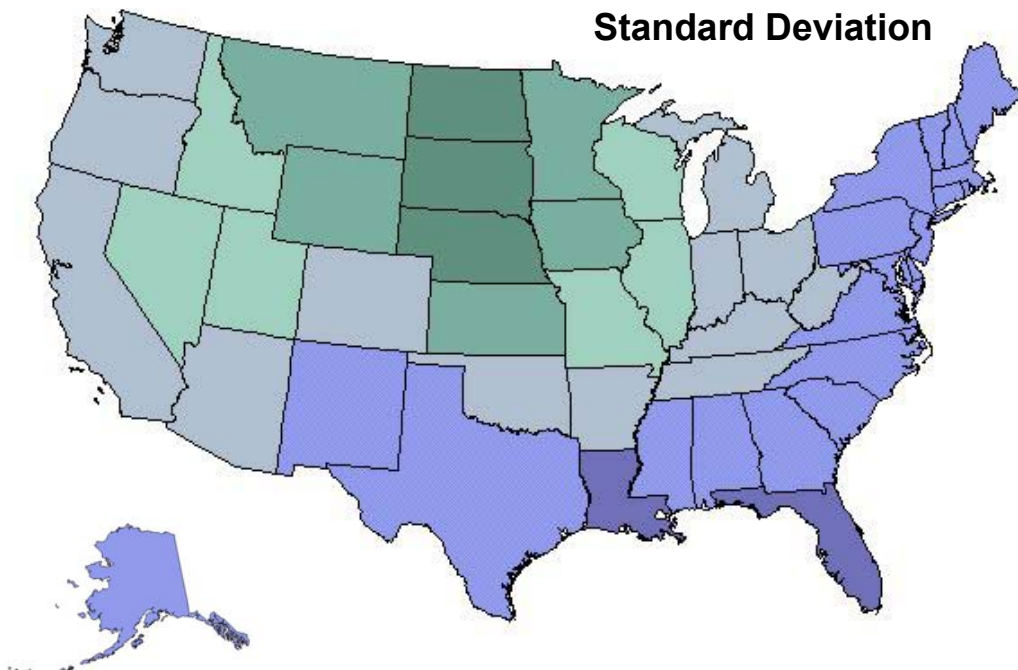
#### Mean Value



#### Legend



#### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: June  
Period: 1931-2000  
Element: Temperature

Map/Legend in Color

Map Page 8





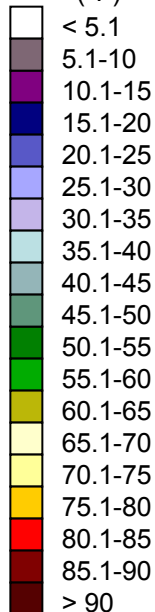
## State Normals Maps

### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

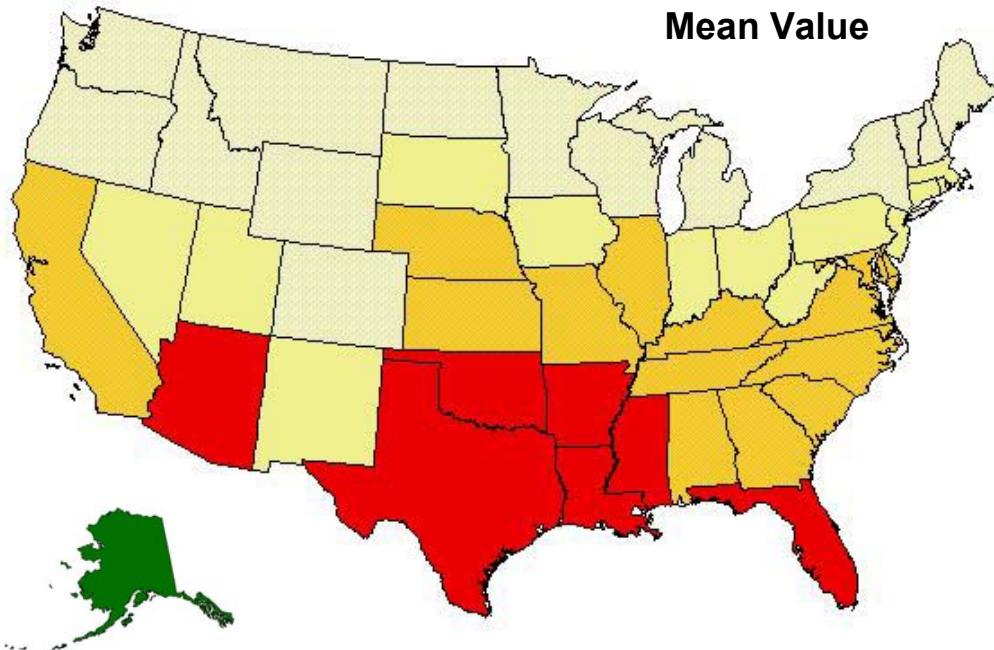
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

#### Legend

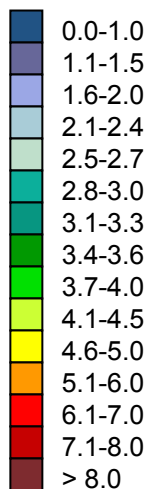
(°F)



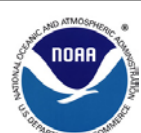
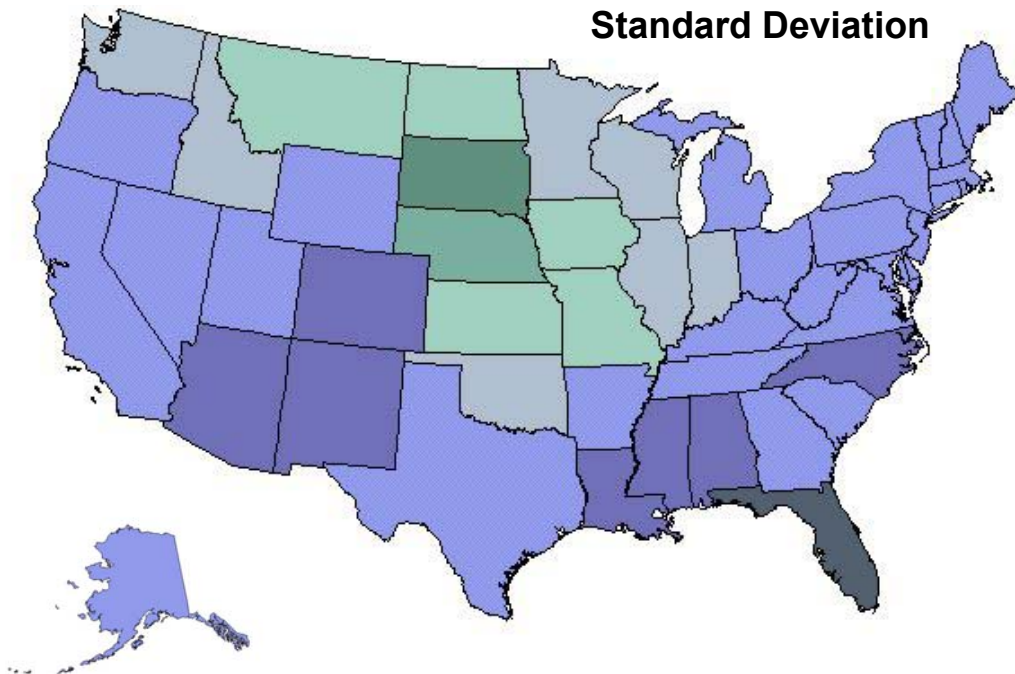
#### Mean Value



#### Legend



#### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: July  
Period: 1931-2000  
Element: Temperature

Map/Legend in Color

Map Page 9



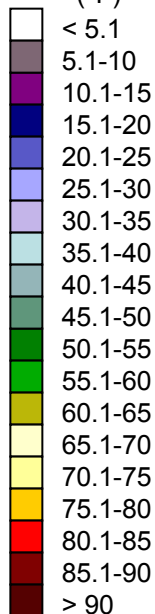
## State Normals Maps

### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

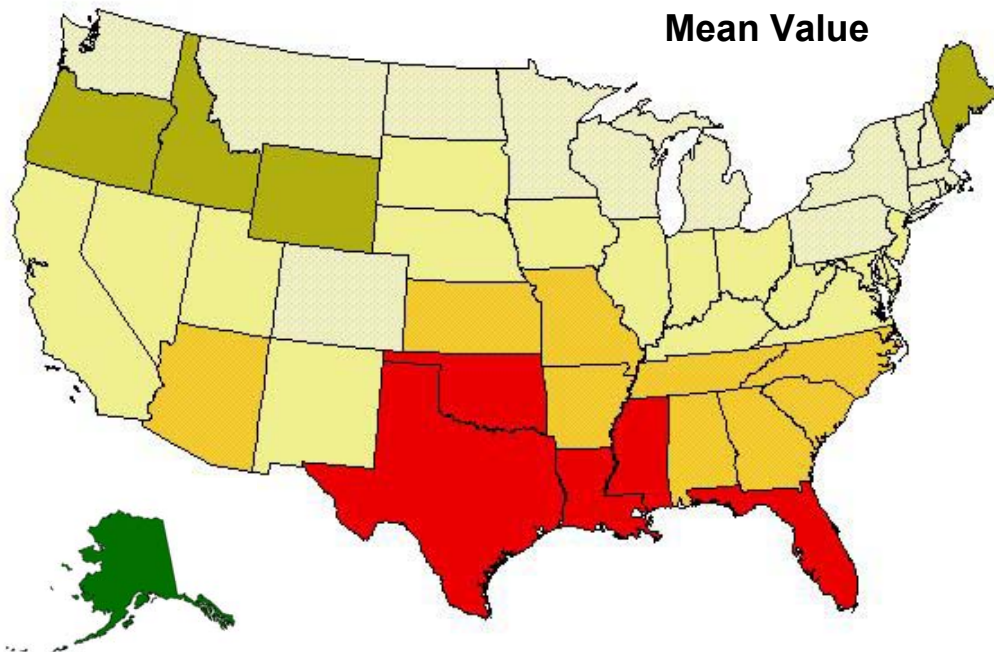
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

#### Legend

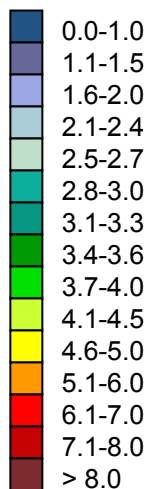
(°F)



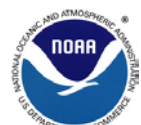
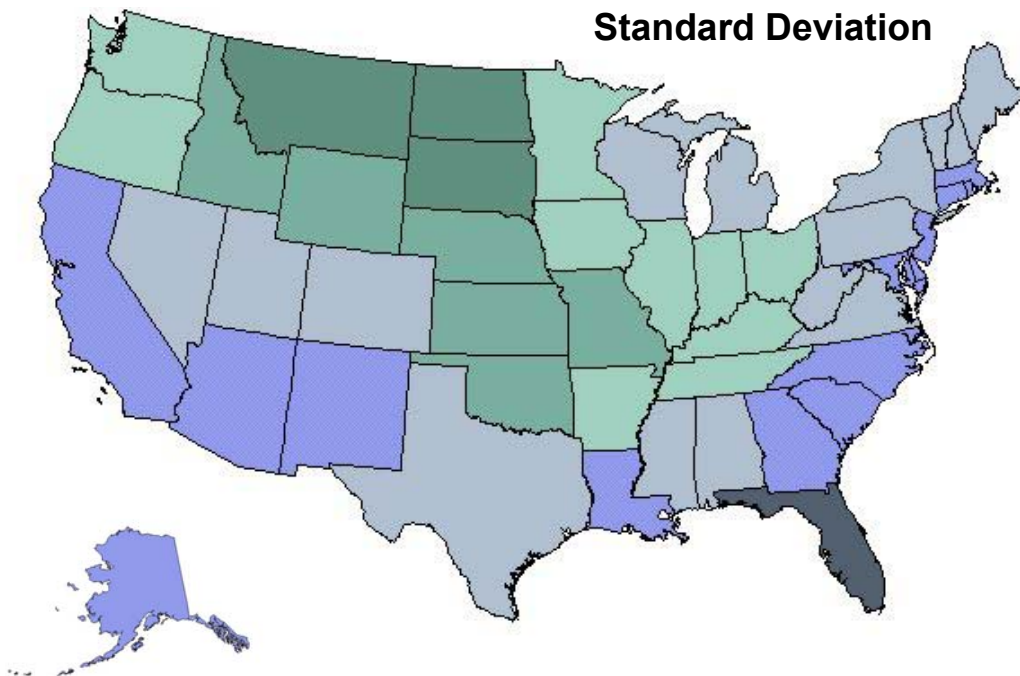
#### Mean Value



#### Legend



#### Standard Deviation

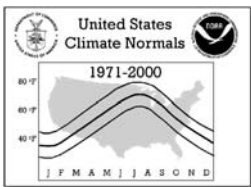


National Climatic Data Center  
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Asheville, North Carolina

Month: **August**  
Period: 1931-2000  
Element: Temperature

Map/Legend in Color

Map Page 10



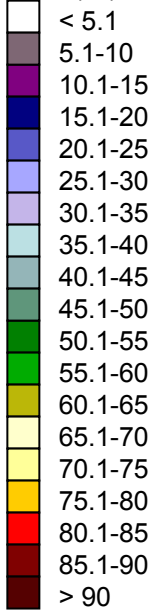
## State Normals Maps

### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

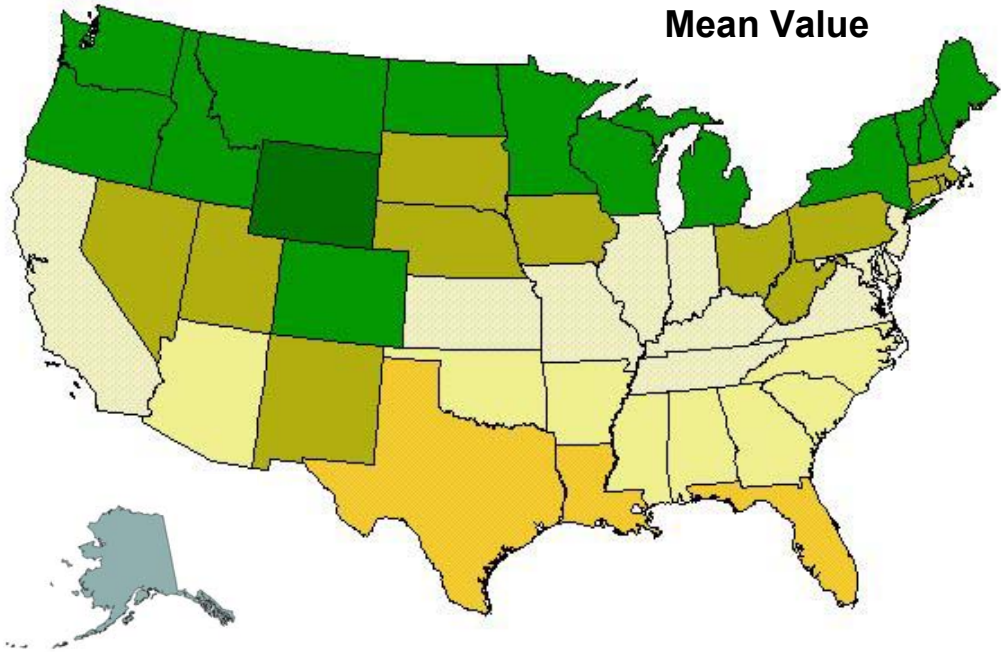
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

#### Legend

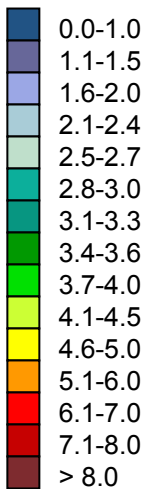
(°F)



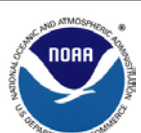
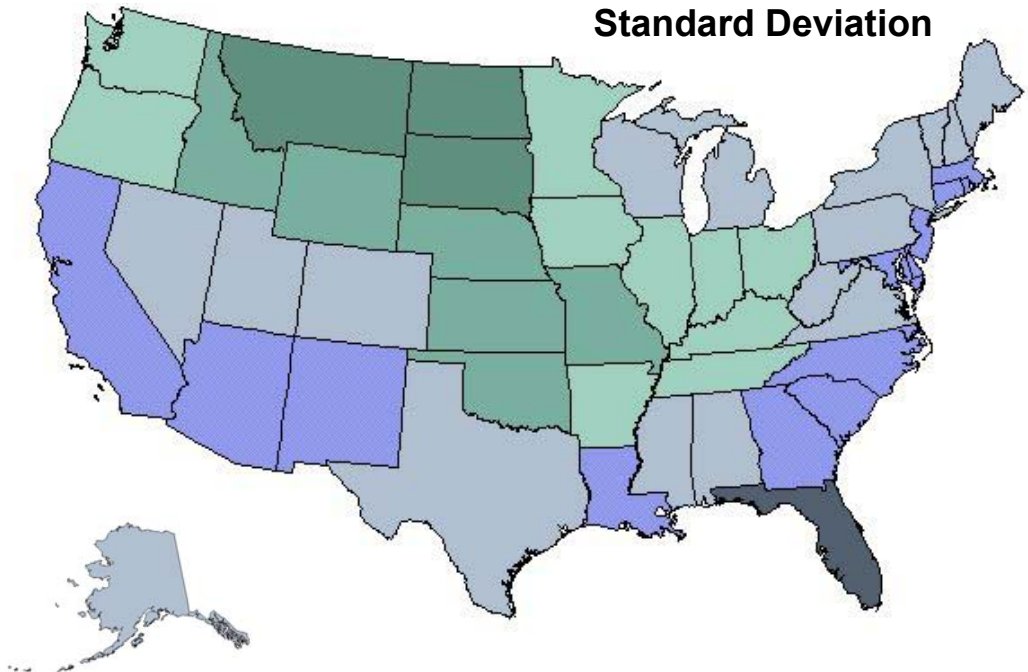
#### Mean Value



#### Legend



#### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: **September**  
Period: 1931-2000  
Element: Temperature

Map/Legend in Color

Map Page 11





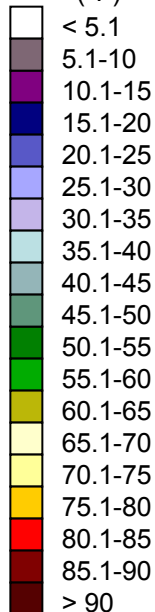
## State Normals Maps

HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

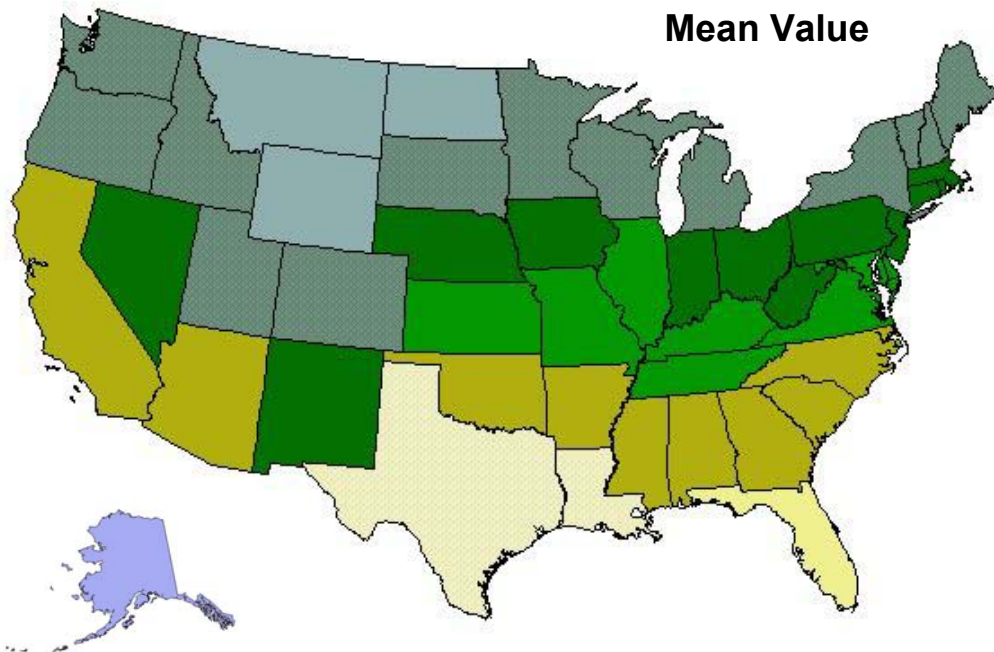
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

### Legend

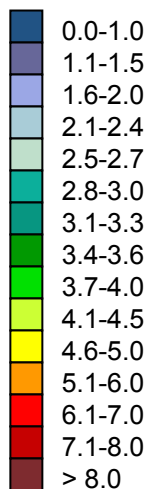
(°F)



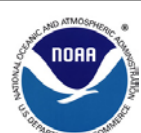
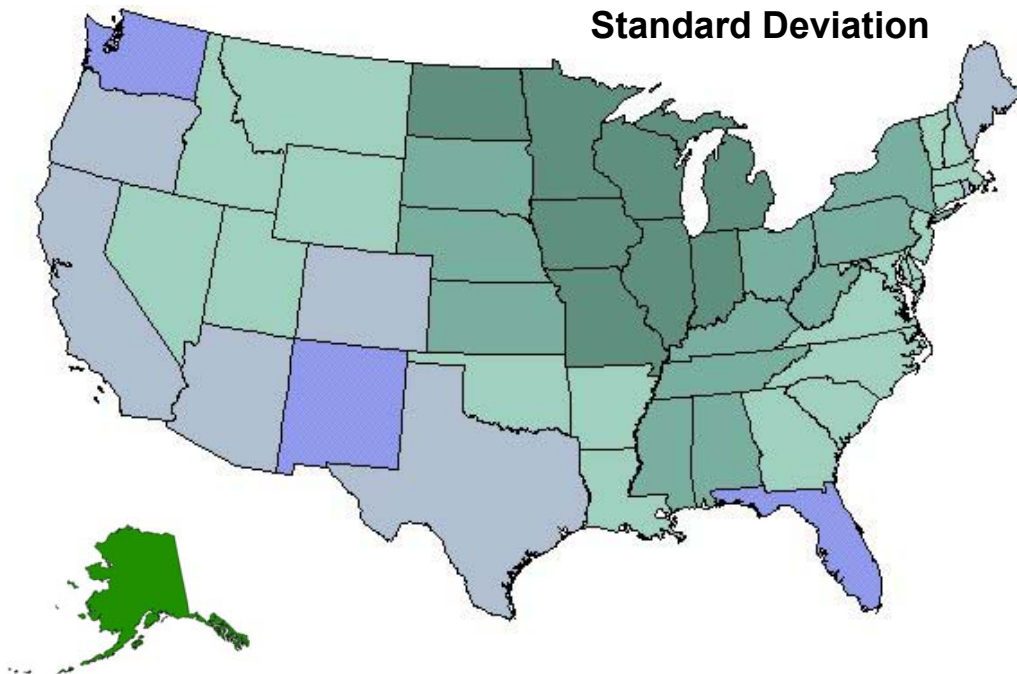
### Mean Value



### Legend



### Standard Deviation



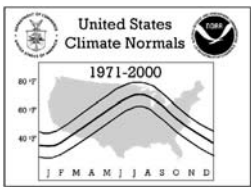
National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: **October**  
Period: 1931-2000  
Element: Temperature

Map/Legend in Color

Map Page 12





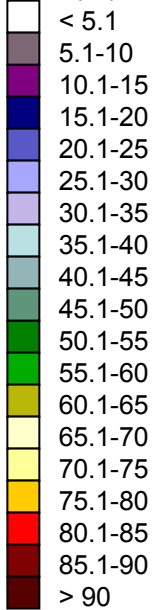
## State Normals Maps

### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

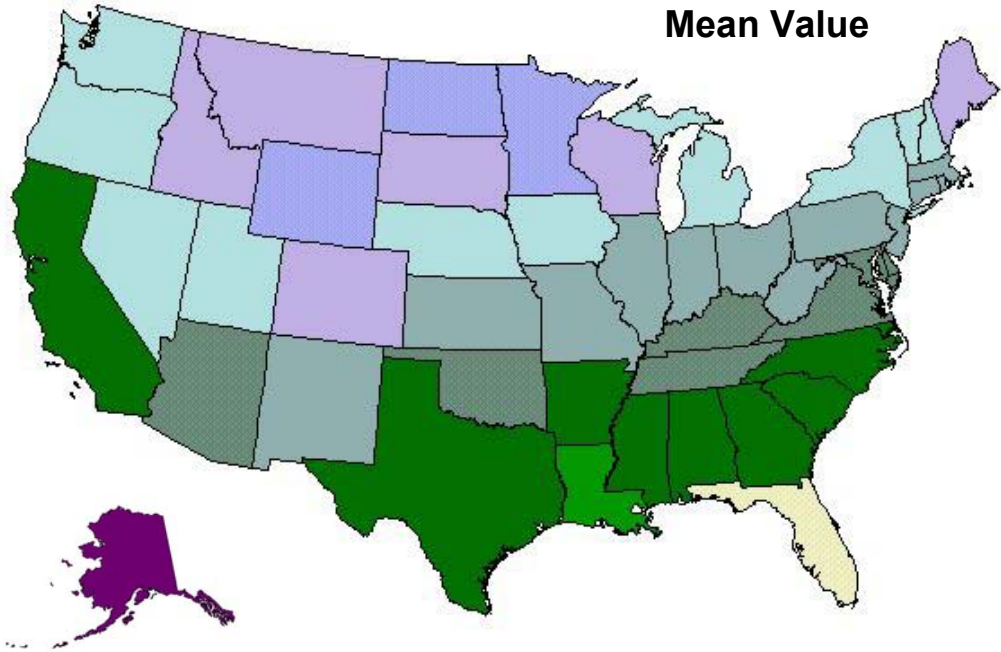
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

#### Legend

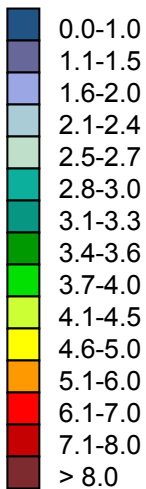
(°F)



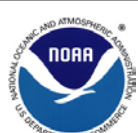
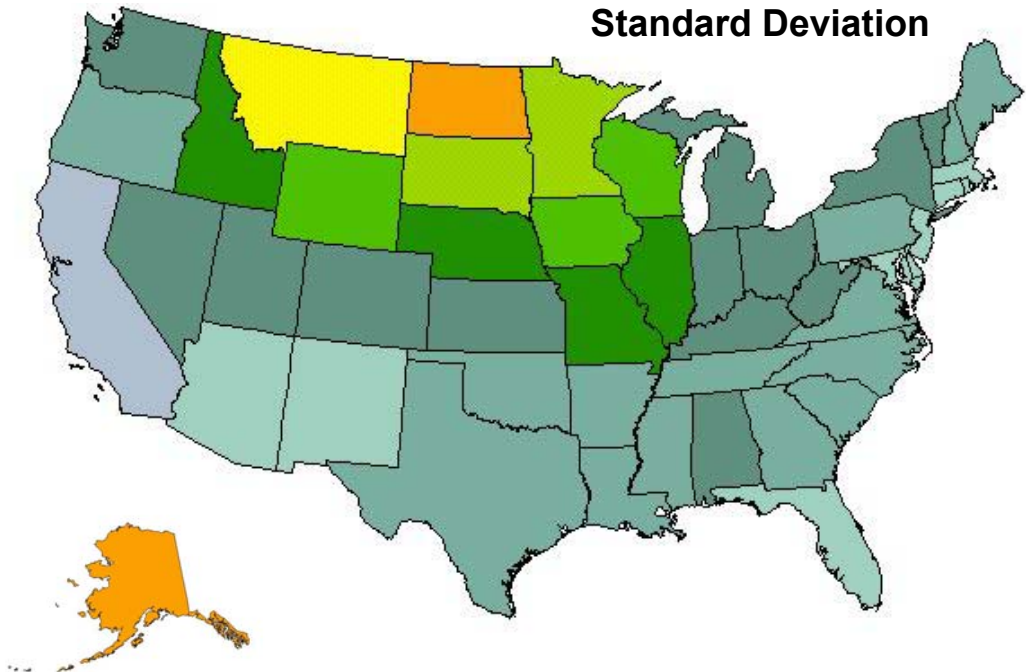
#### Mean Value



#### Legend



#### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: November  
Period: 1931-2000  
Element: Temperature

Map/Legend in Color

Map Page 13



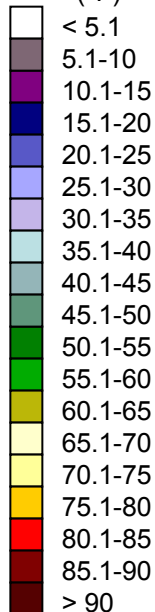
## State Normals Maps

### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

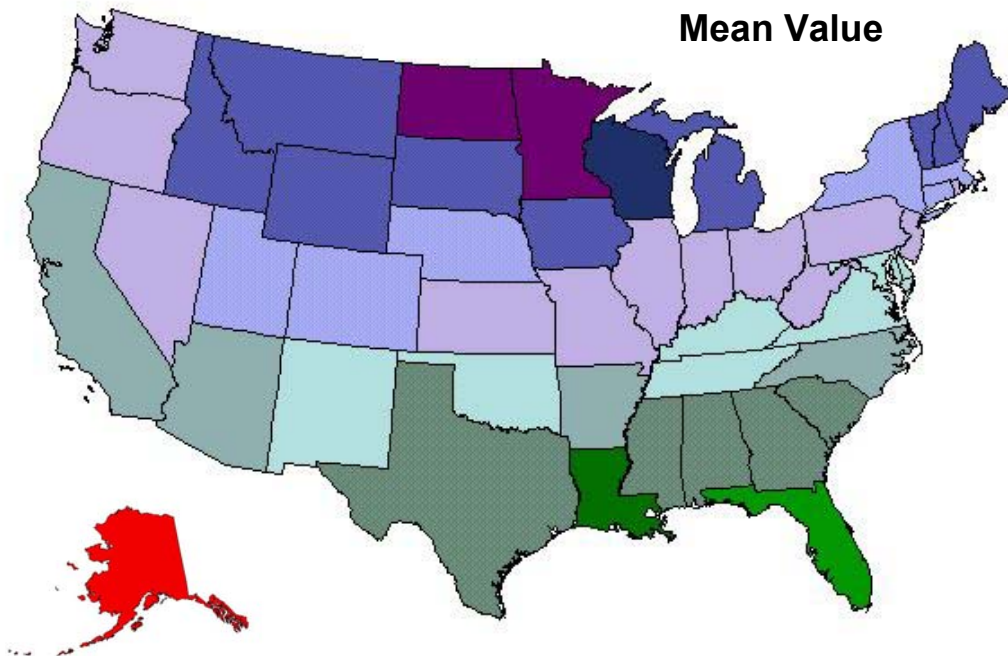
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

#### Legend

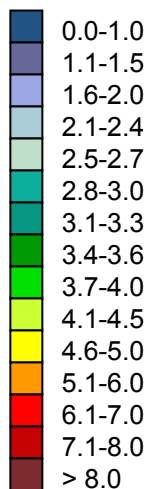
(°F)



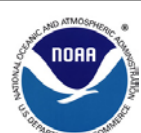
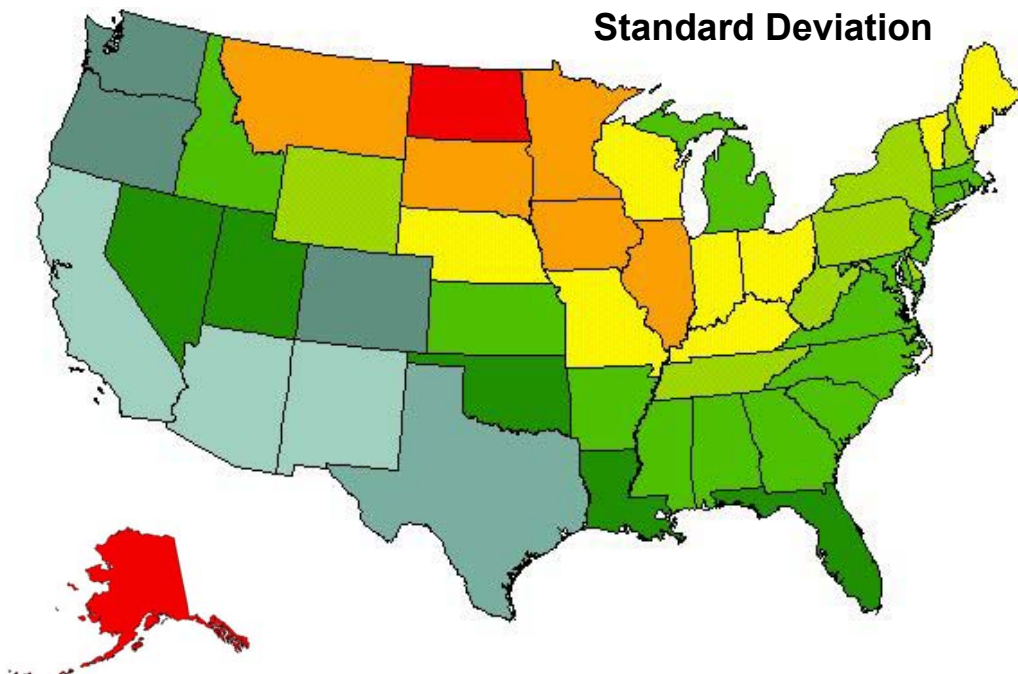
#### Mean Value



#### Legend



#### Standard Deviation

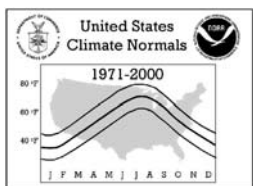


National Climatic Data Center  
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Asheville, North Carolina

Month: **December**  
Period: 1931-2000  
Element: Temperature

Map/Legend in Color

Map Page 14



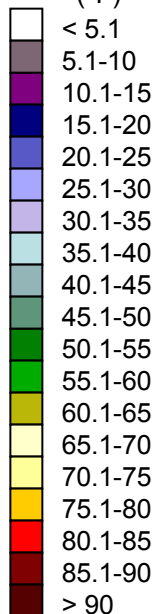
## State Normals Maps

**HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2**

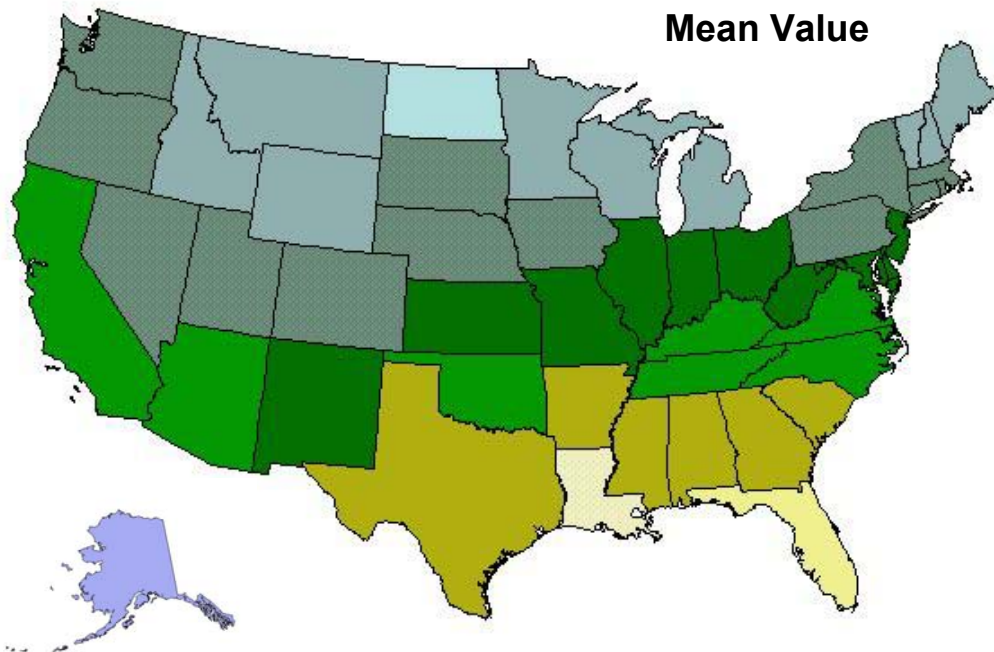
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

### Legend

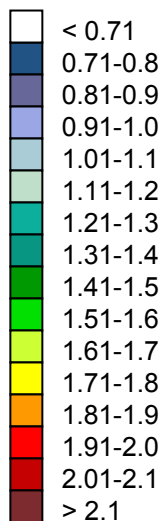
(°F)



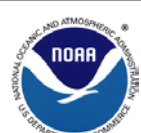
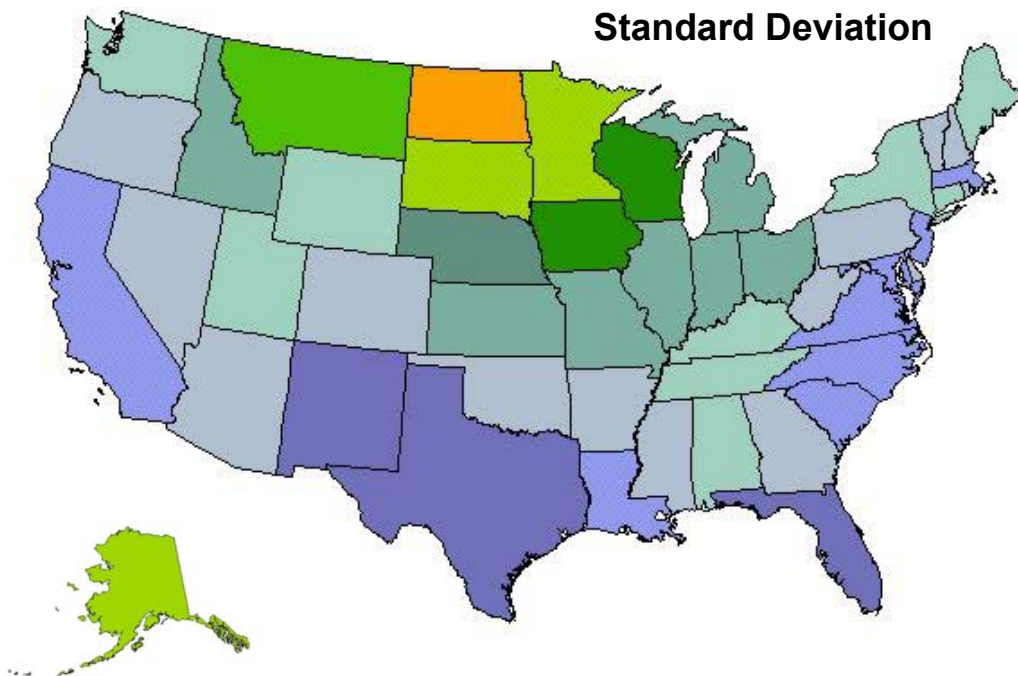
### Mean Value



### Legend



### Standard Deviation



**National Climatic Data Center**  
**NESDIS/NOAA**  
 Asheville, North Carolina

**Month:** Annual  
**Period:** 1931-2000  
**Element:** Temperature

Map/Legend in Color

Map Page 15





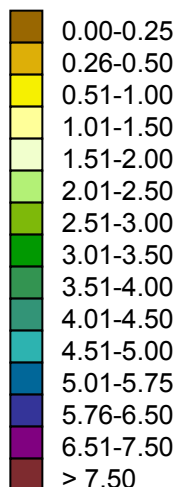
# State Normals Maps

## HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

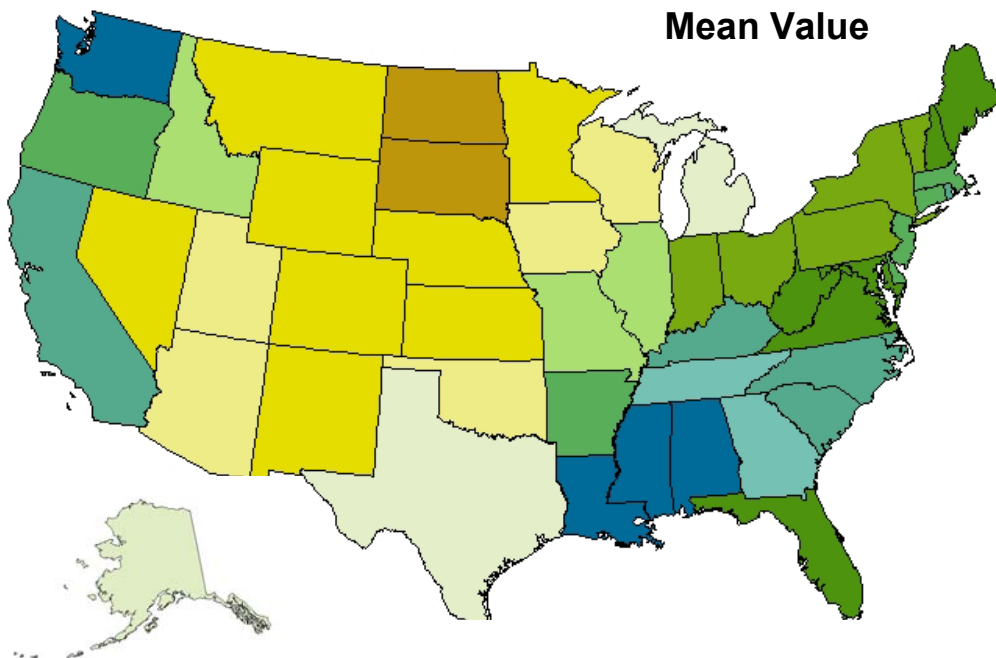
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

### Legend

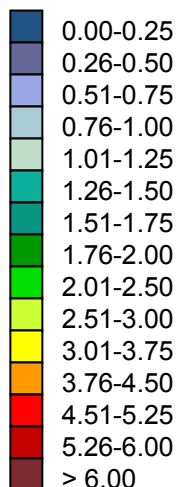
(inches)



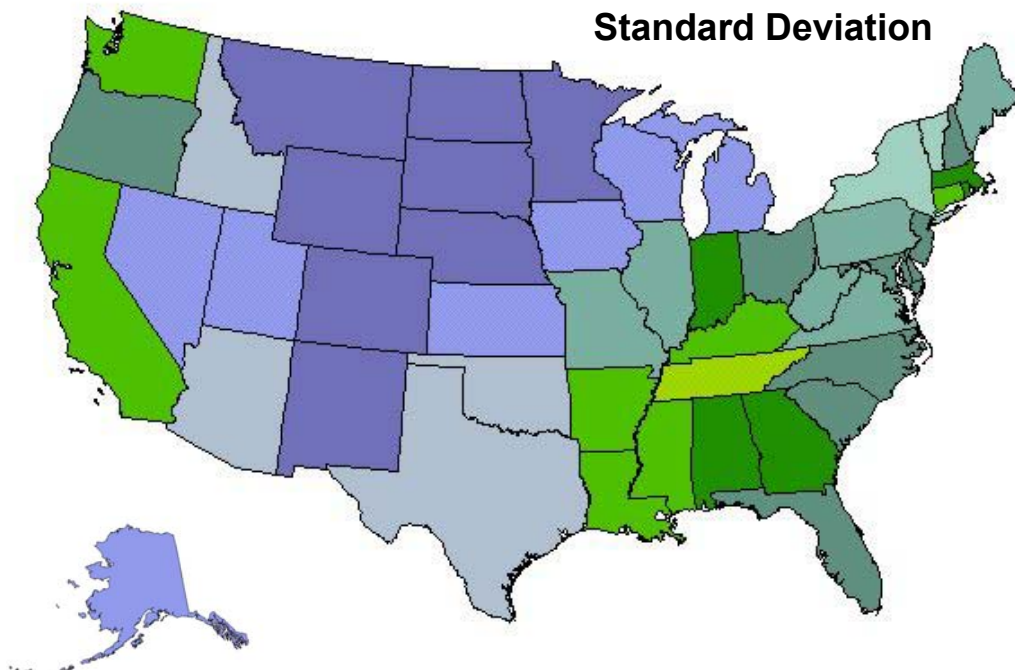
### Mean Value



### Legend



### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: January  
Period: 1931-2000  
Element: Precipitation

Map/Legend in Color

Map Page 16





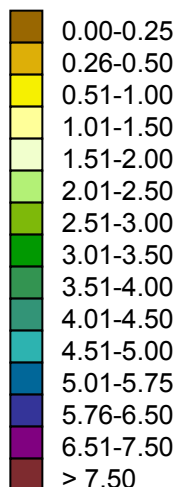
## State Normals Maps

### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

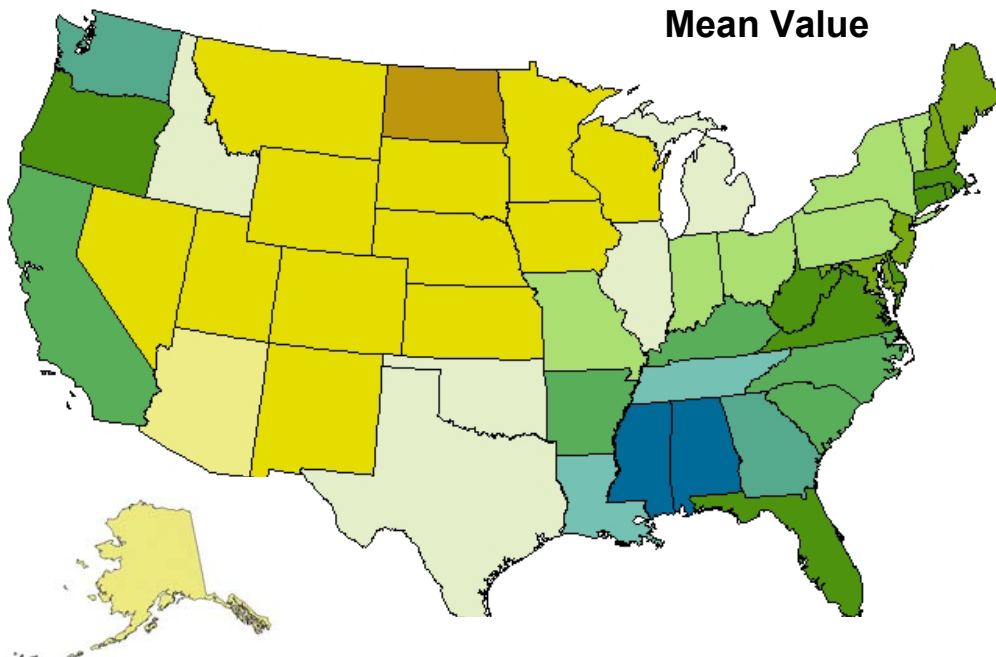
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

#### Legend

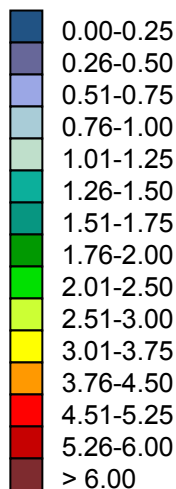
(inches)



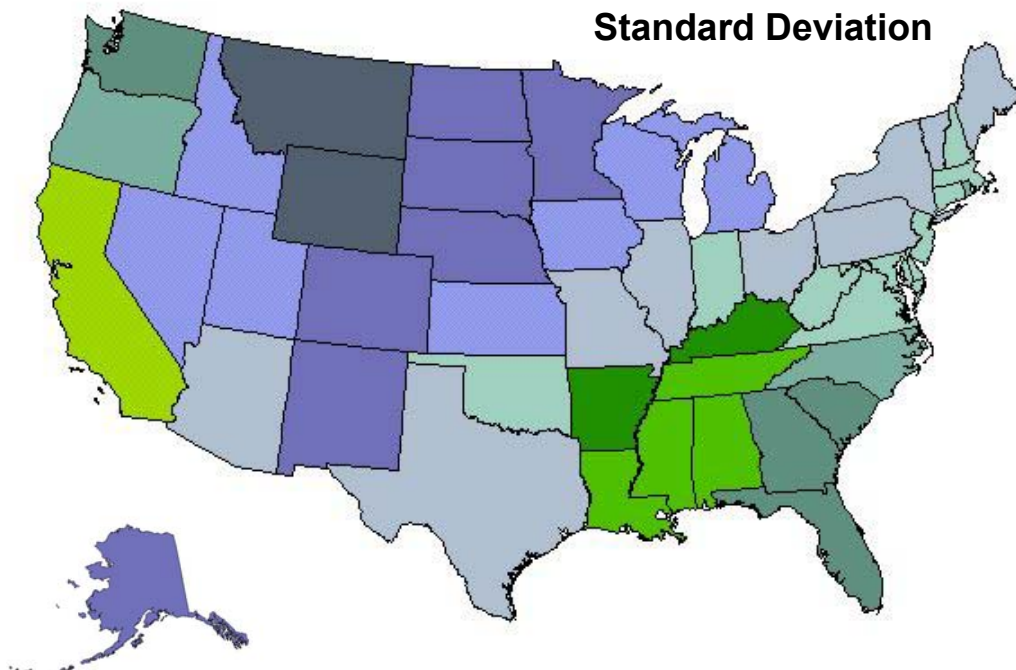
#### Mean Value



#### Legend



#### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: February  
Period: 1931-2000  
Element: Precipitation

Map/Legend in Color

Map Page 17



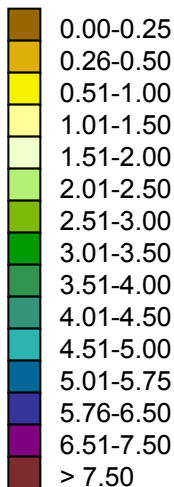
## State Normals Maps

### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

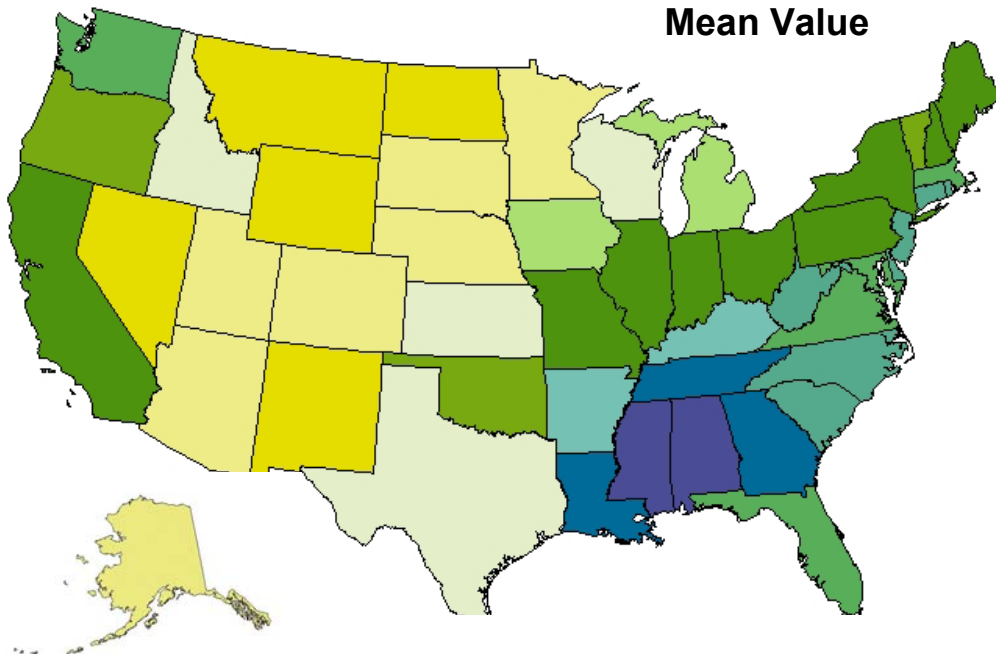
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

#### Legend

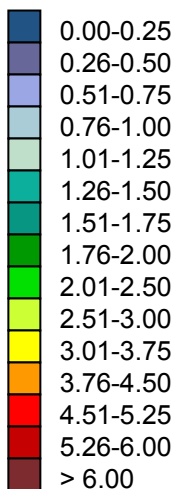
(inches)



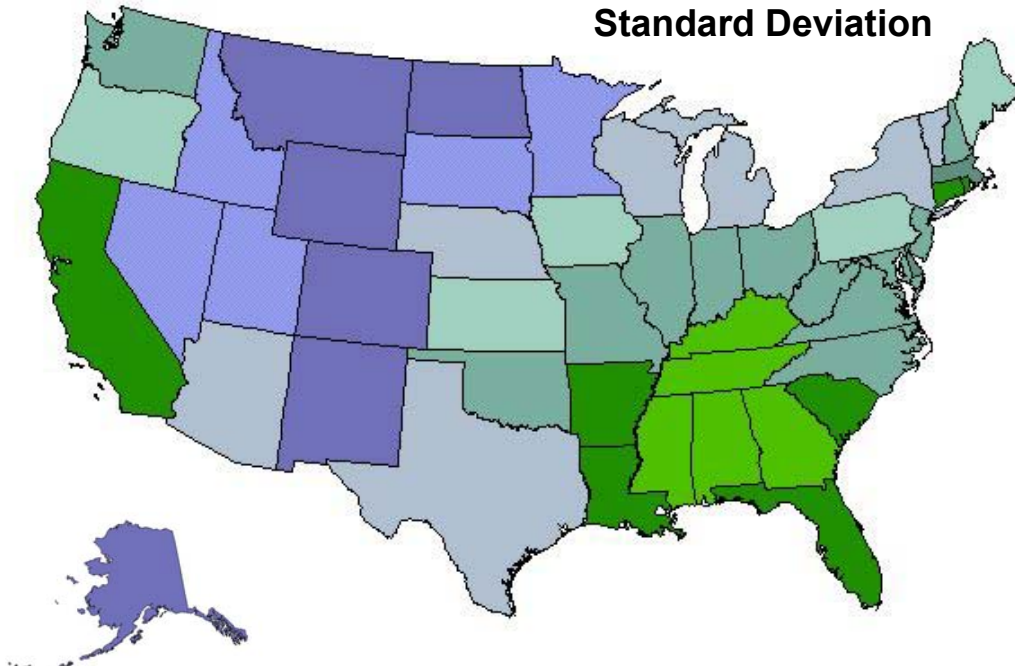
#### Mean Value



#### Legend



#### Standard Deviation

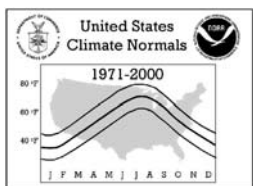


National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: **March**  
Period: **1931-2000**  
Element: **Precipitation**

Map/Legend in Color

Map Page **18**



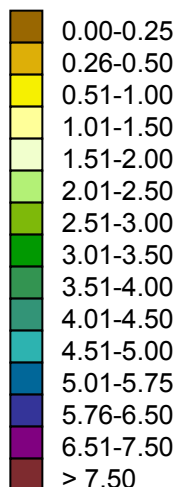
## State Normals Maps

### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

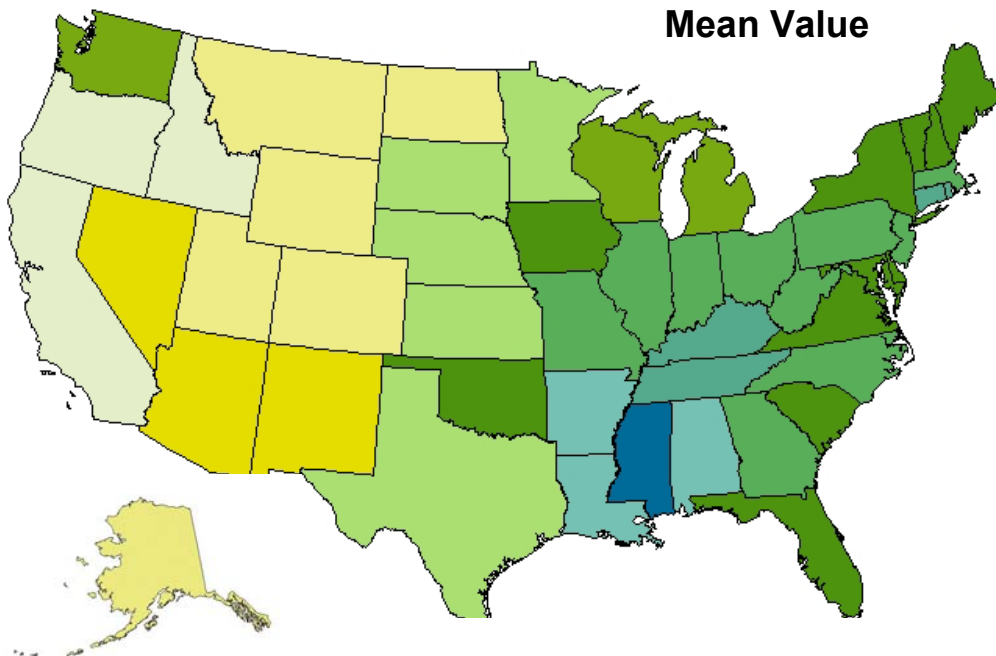
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

#### Legend

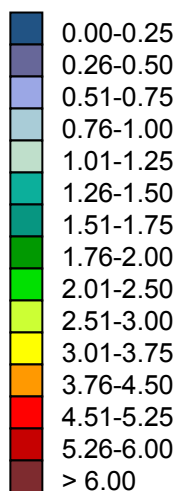
(inches)



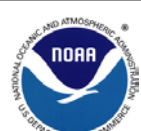
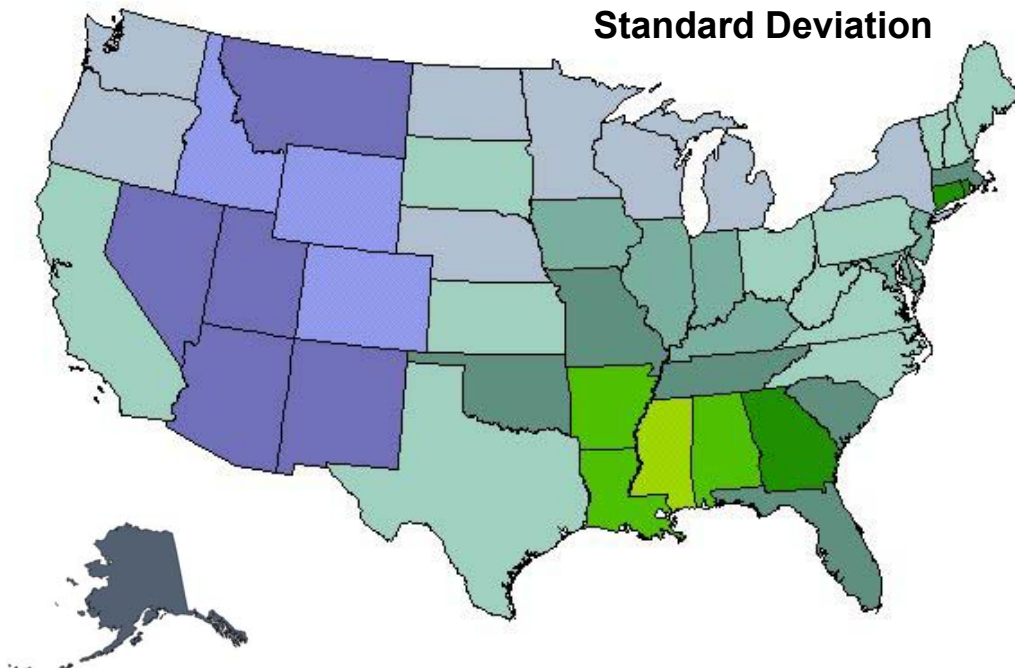
#### Mean Value



#### Legend



#### Standard Deviation

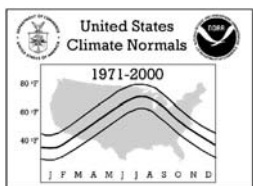


National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: April  
Period: 1931-2000  
Element: Precipitation

Map/Legend in Color

Map Page 19



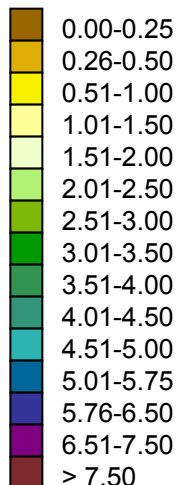
## State Normals Maps

### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

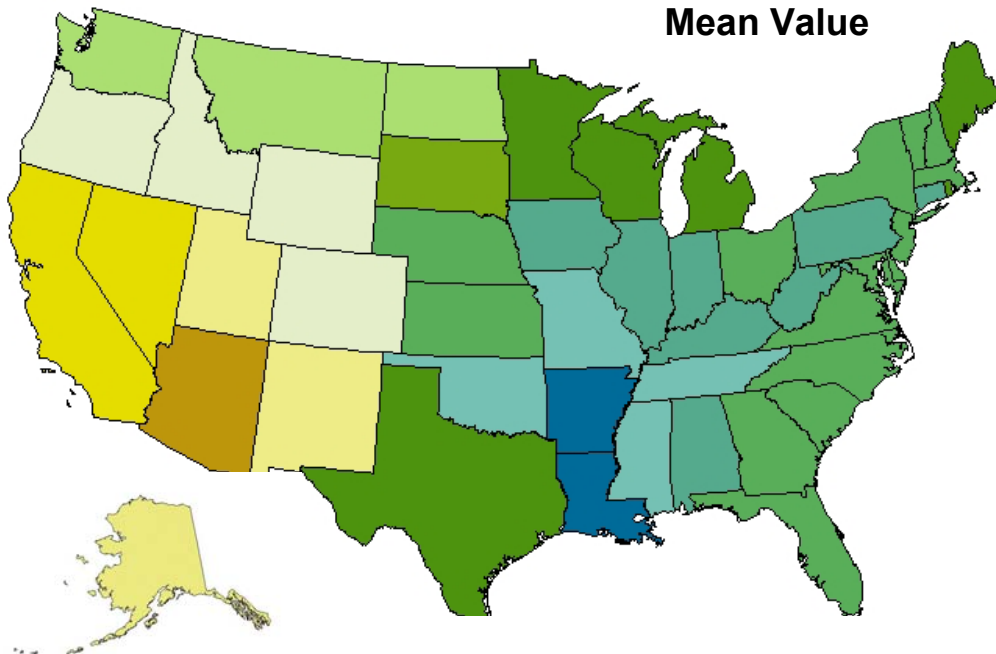
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

#### Legend

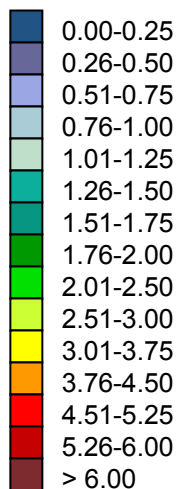
(inches)



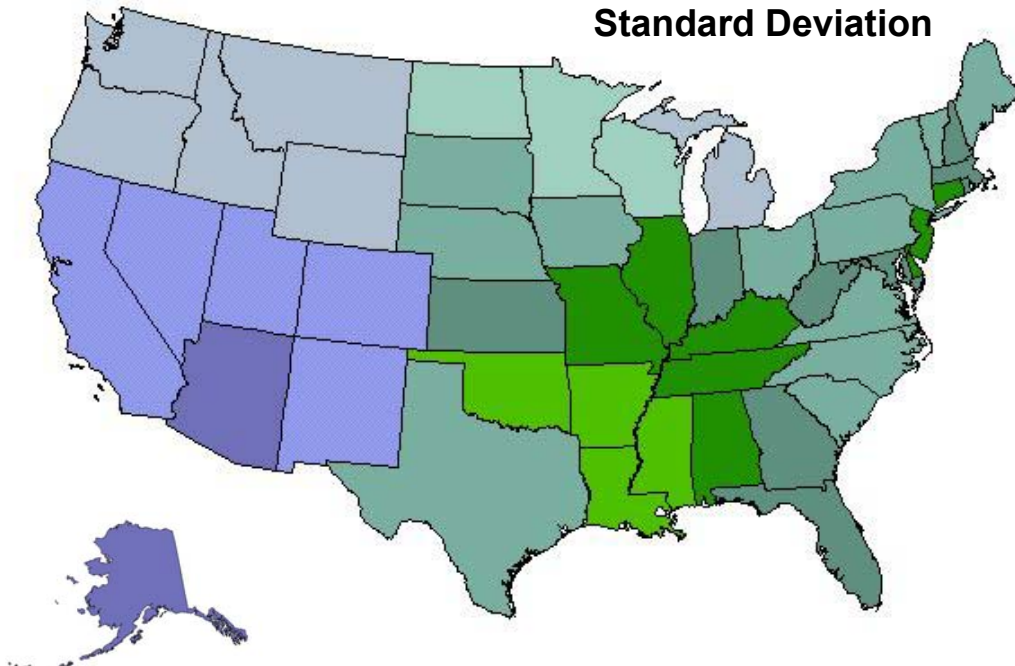
#### Mean Value



#### Legend



#### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: May  
Period: 1931-2000  
Element: Precipitation

Map/Legend in Color

Map Page 20





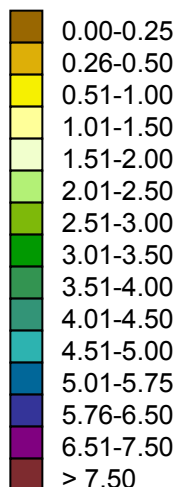
## State Normals Maps

### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

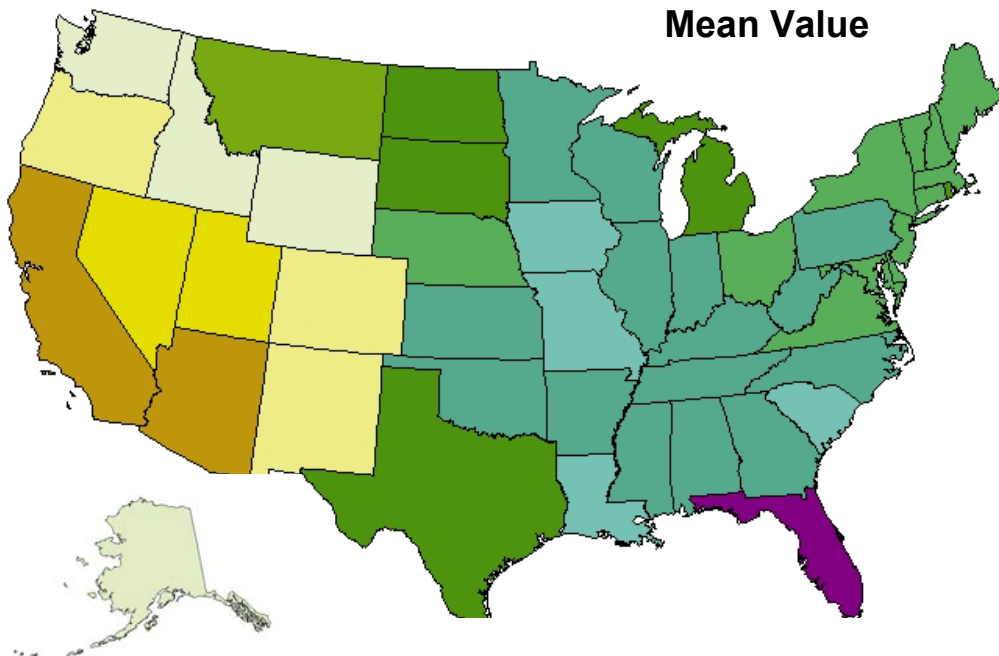
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

#### Legend

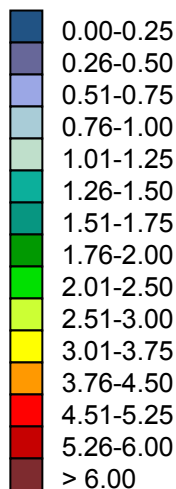
(inches)



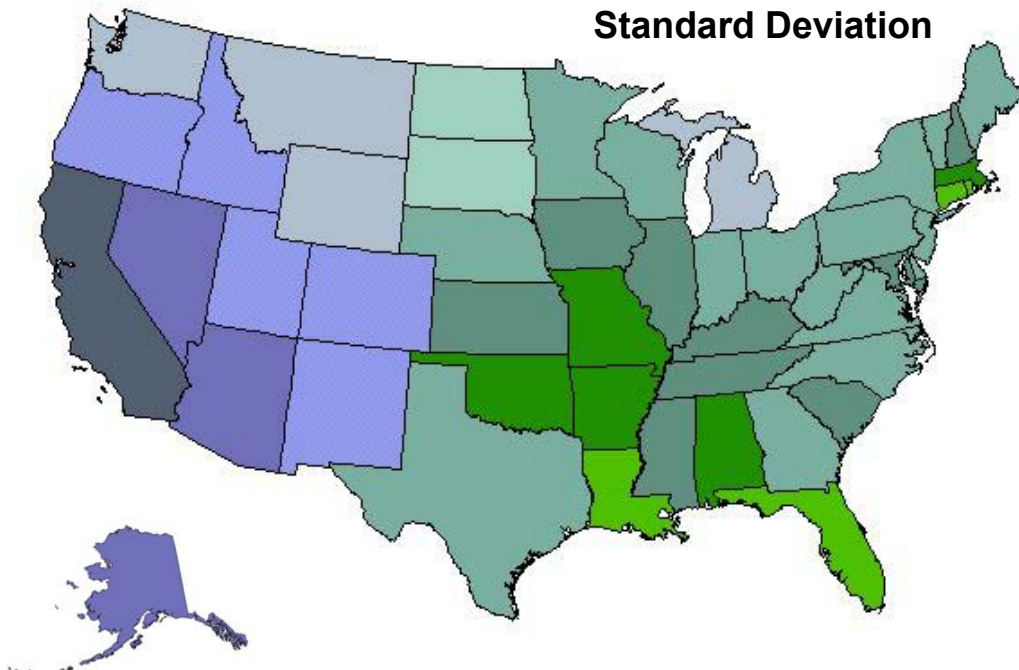
#### Mean Value



#### Legend



#### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: June  
Period: 1931-2000  
Element: Precipitation

Map/Legend in Color

Map Page 21



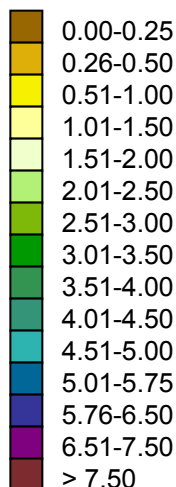
# State Normals Maps

HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

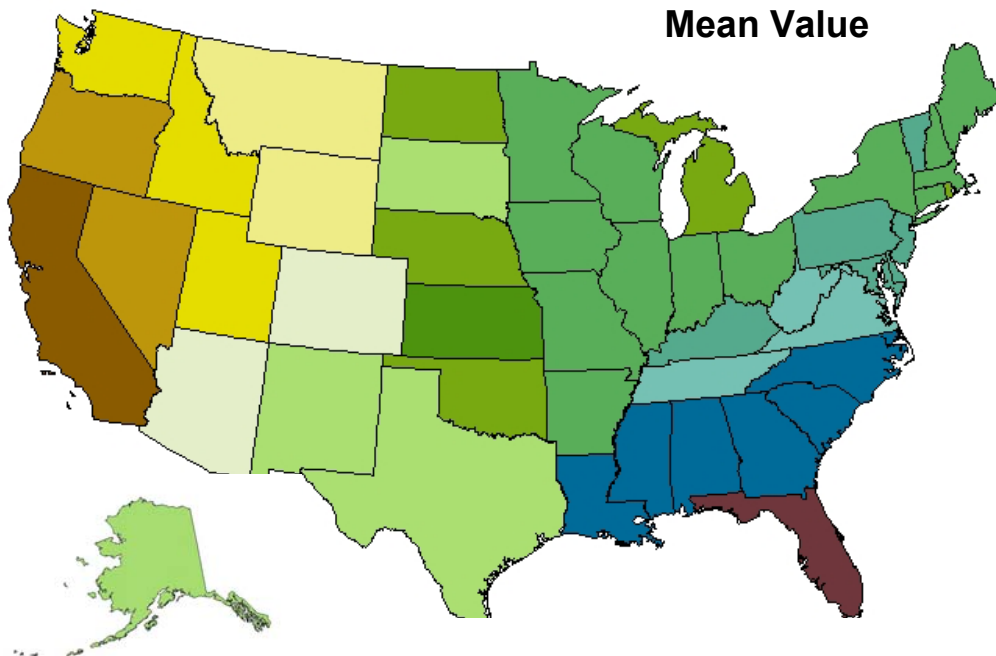
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

## Legend

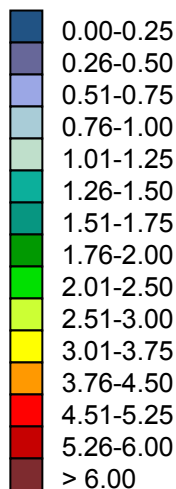
(inches)



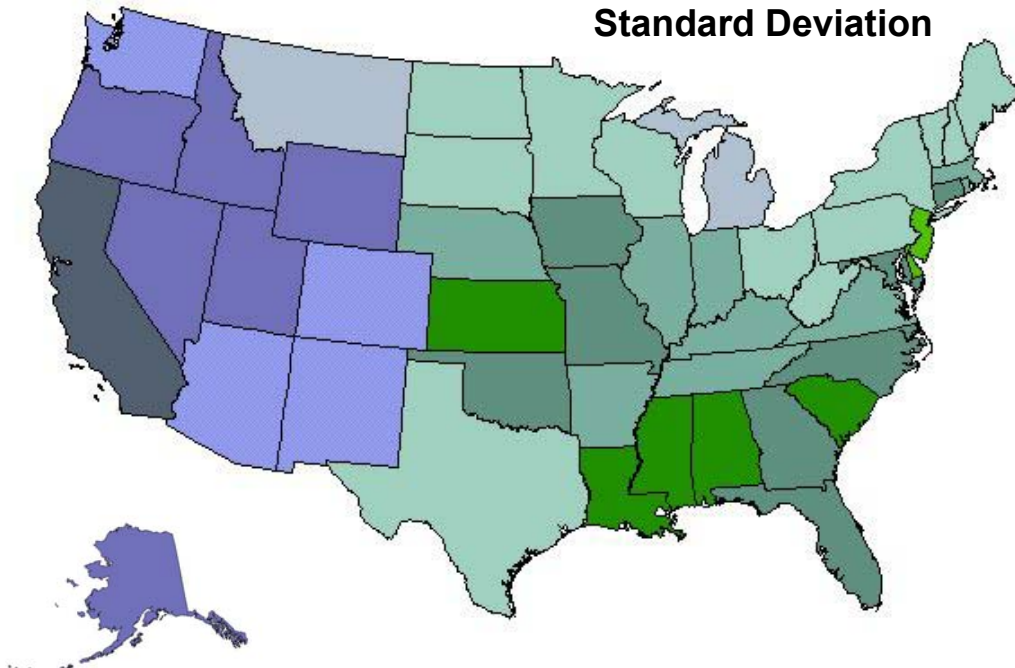
## Mean Value



## Legend



## Standard Deviation

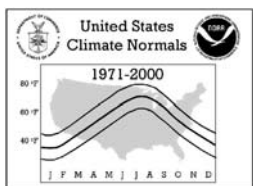


National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: July  
Period: 1931-2000  
Element: Precipitation

Map/Legend in Color

Map Page 22



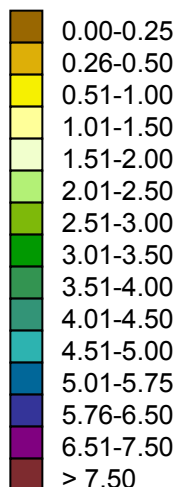
# State Normals Maps

HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

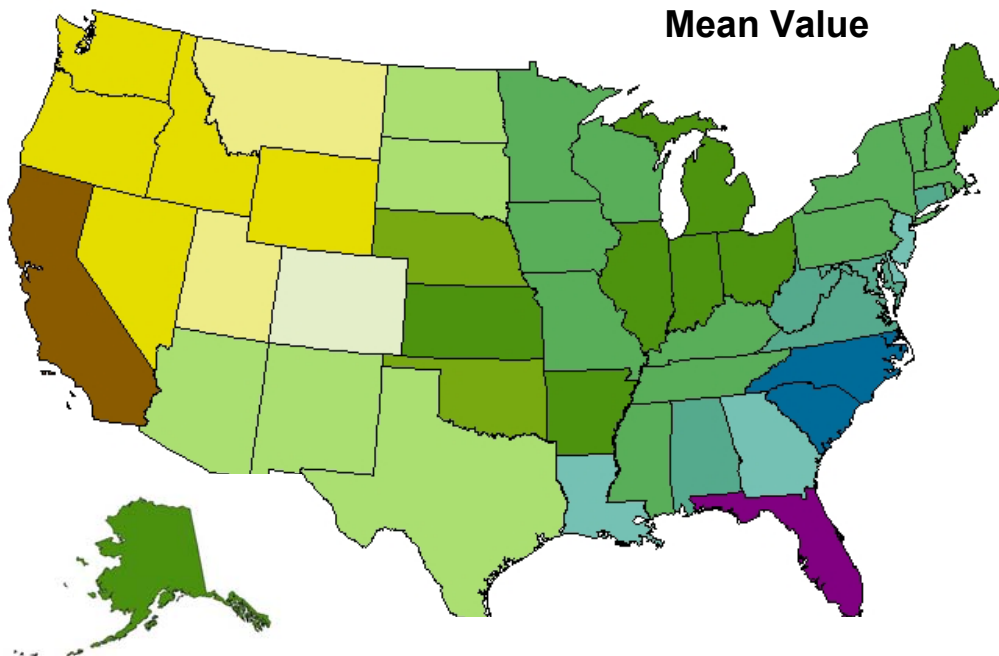
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

## Legend

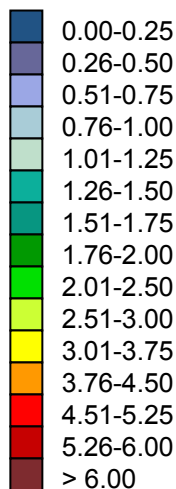
(inches)



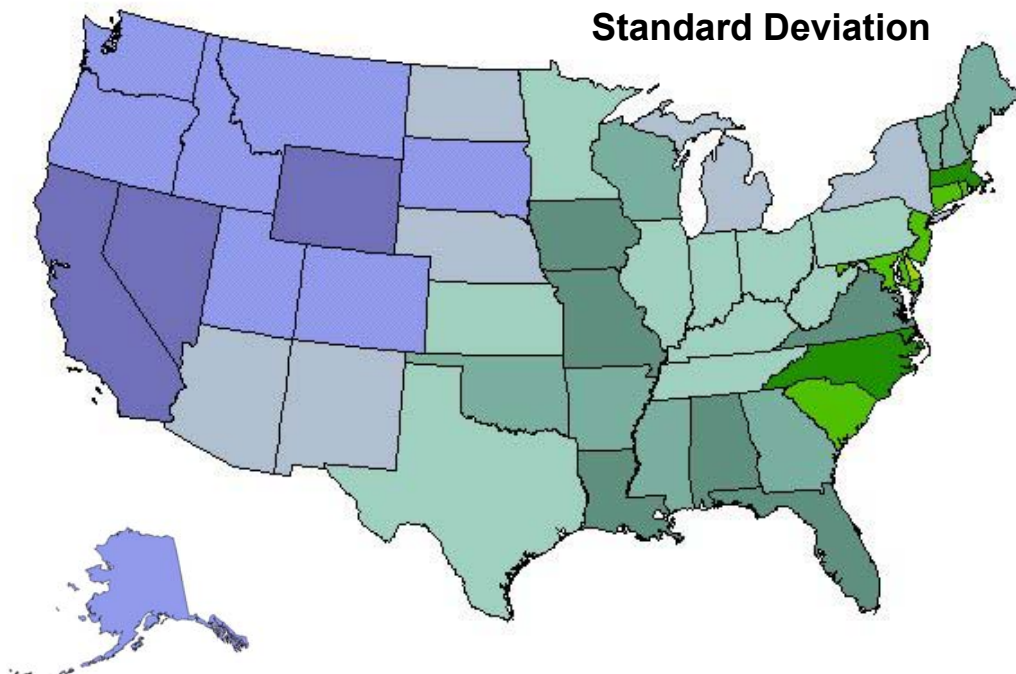
## Mean Value



## Legend



## Standard Deviation

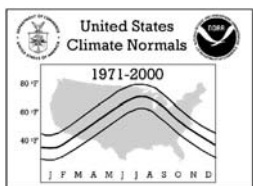


National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: August  
Period: 1931-2000  
Element: Precipitation

Map/Legend in Color

Map Page 23



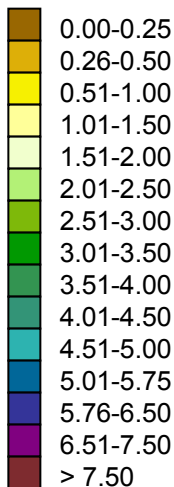
## State Normals Maps

HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

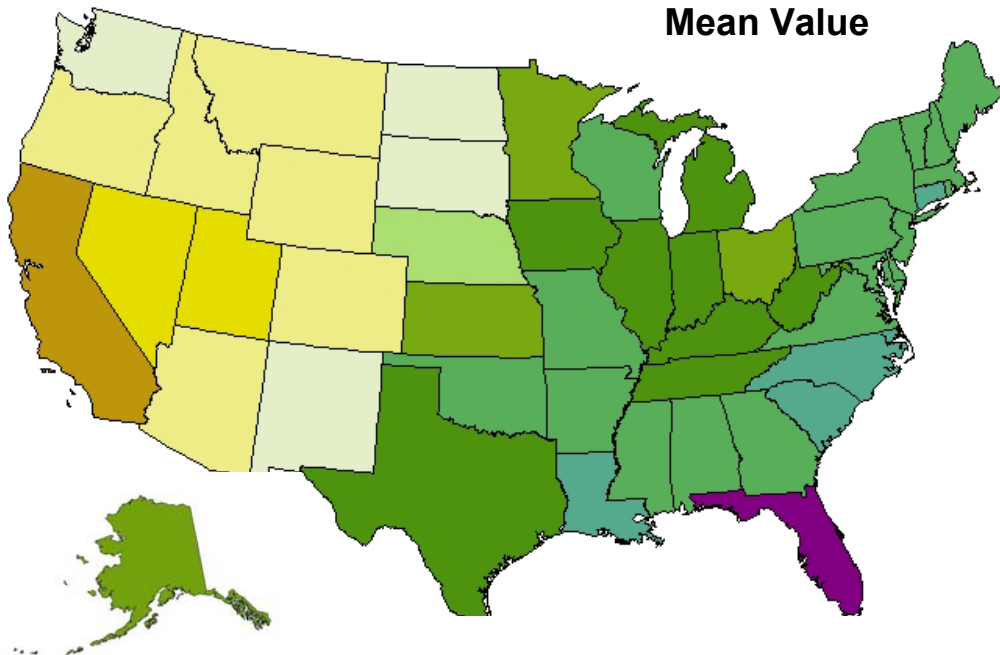
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

### Legend

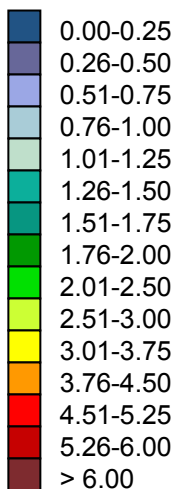
(inches)



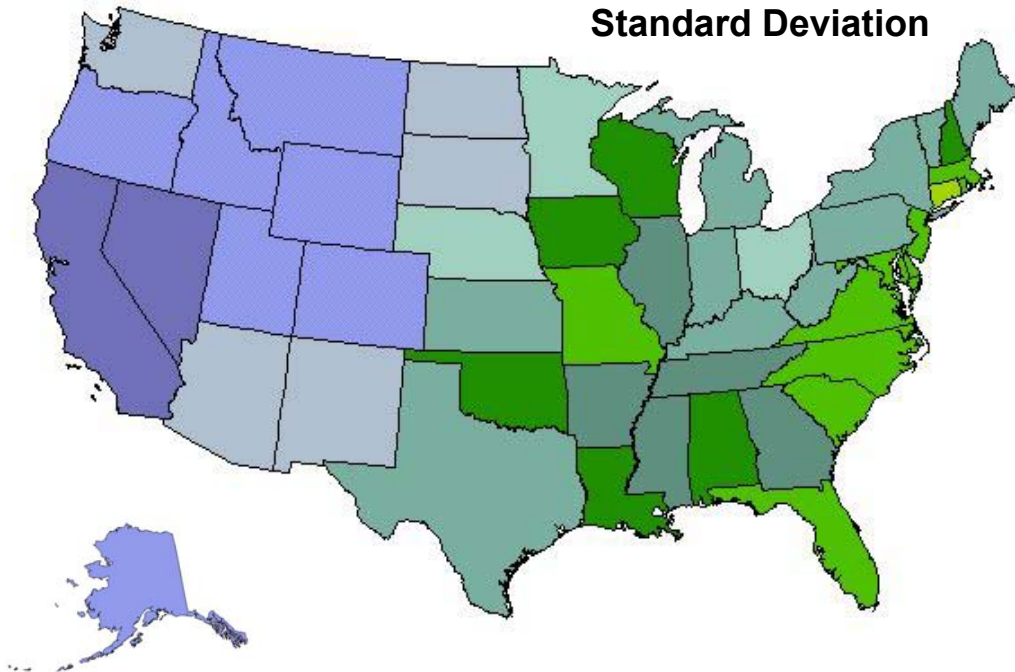
### Mean Value



### Legend



### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: **September**  
Period: 1931-2000  
Element: Precipitation

Map/Legend in Color

Map Page 24





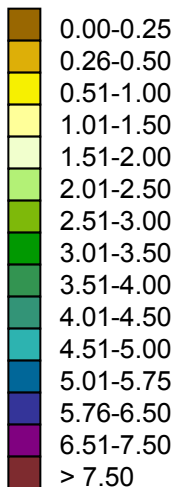
## State Normals Maps

HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

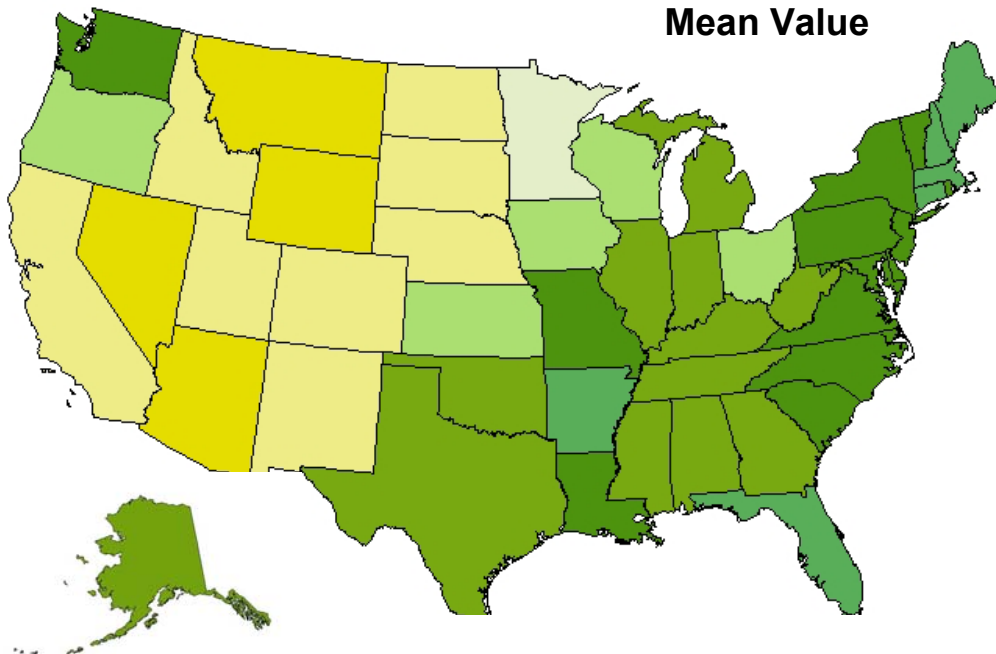
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

### Legend

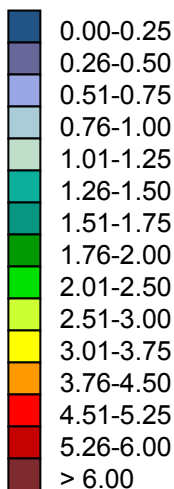
(inches)



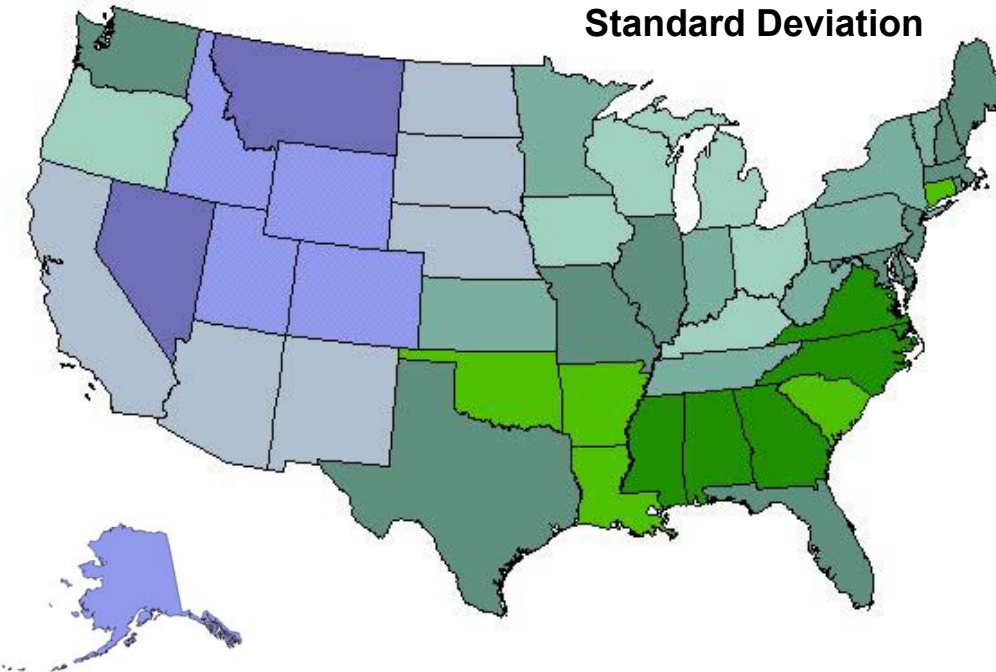
### Mean Value



### Legend



### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: **October**  
Period: 1931-2000  
Element: Precipitation

Map/Legend in Color

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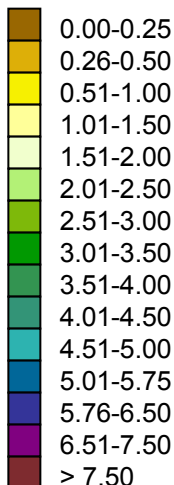
## State Normals Maps

### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

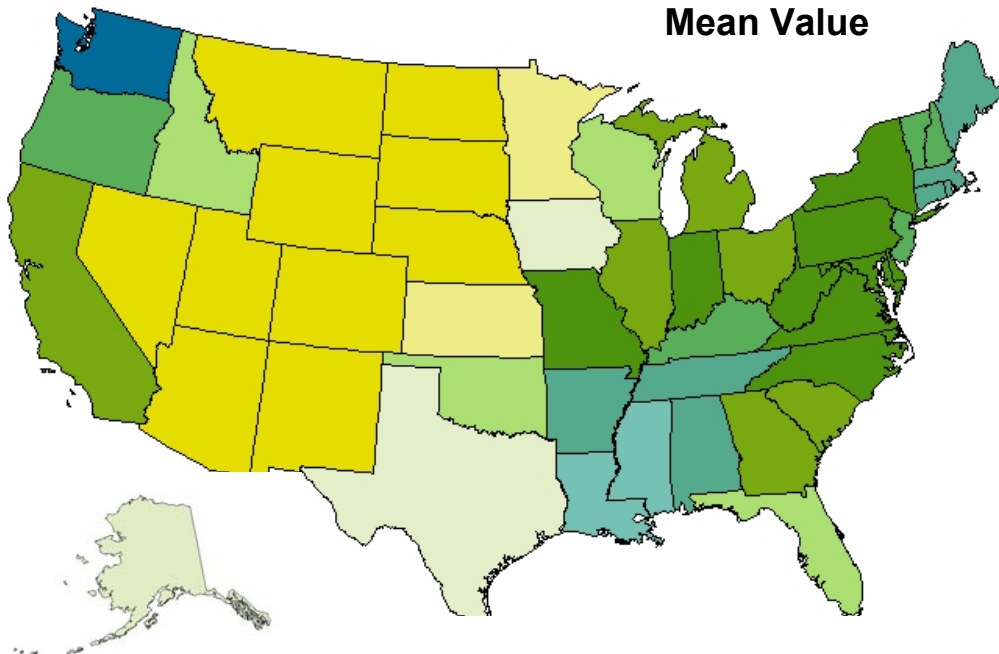
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

#### Legend

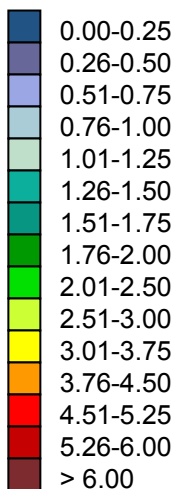
(inches)



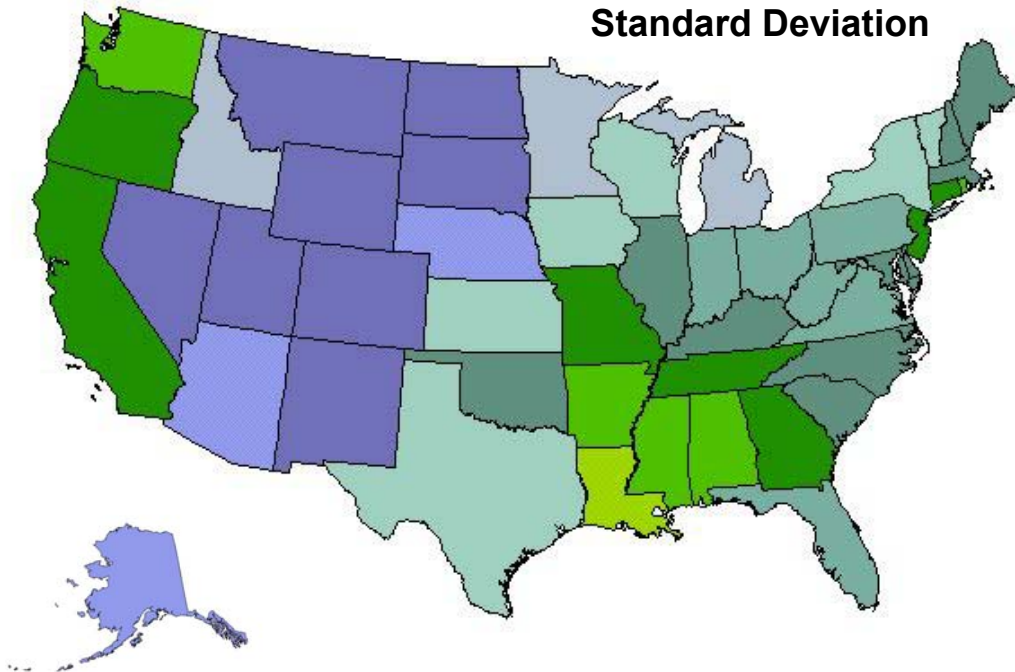
#### Mean Value



#### Legend



#### Standard Deviation

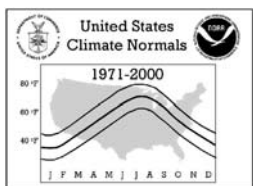


National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: **November**  
Period: 1931-2000  
Element: Precipitation

Map/Legend in Color

Map Page 26



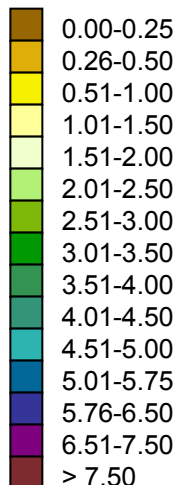
# State Normals Maps

## HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

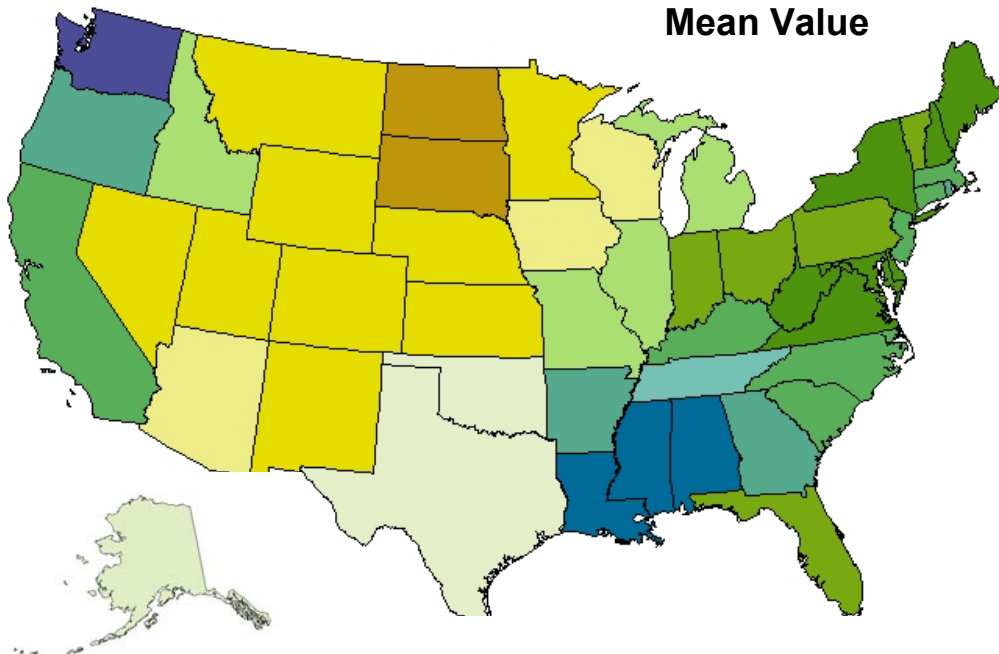
Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

### Legend

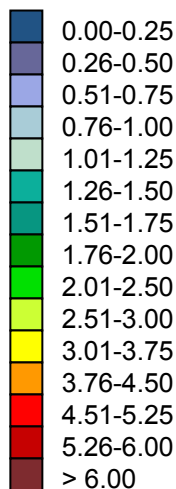
(inches)



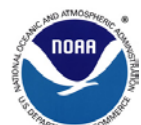
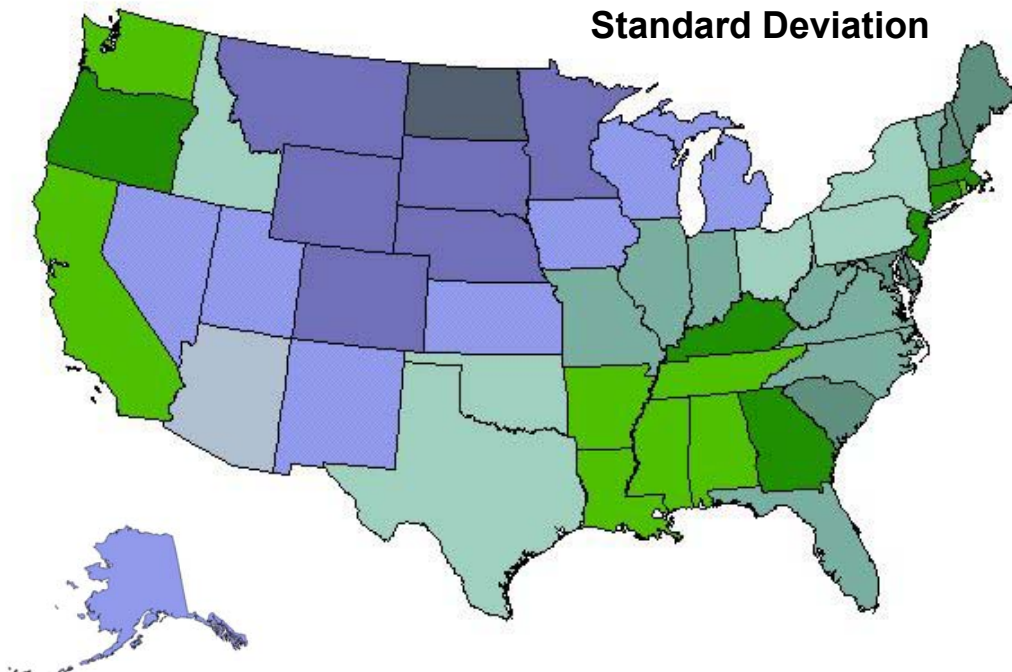
### Mean Value



### Legend



### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: December  
Period: 1931-2000  
Element: Precipitation

Map/Legend in Color

Map Page 27



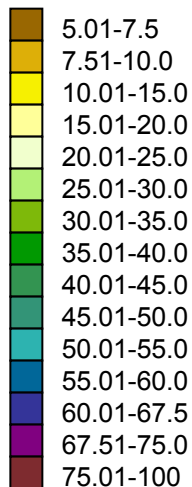


## State Normals Maps

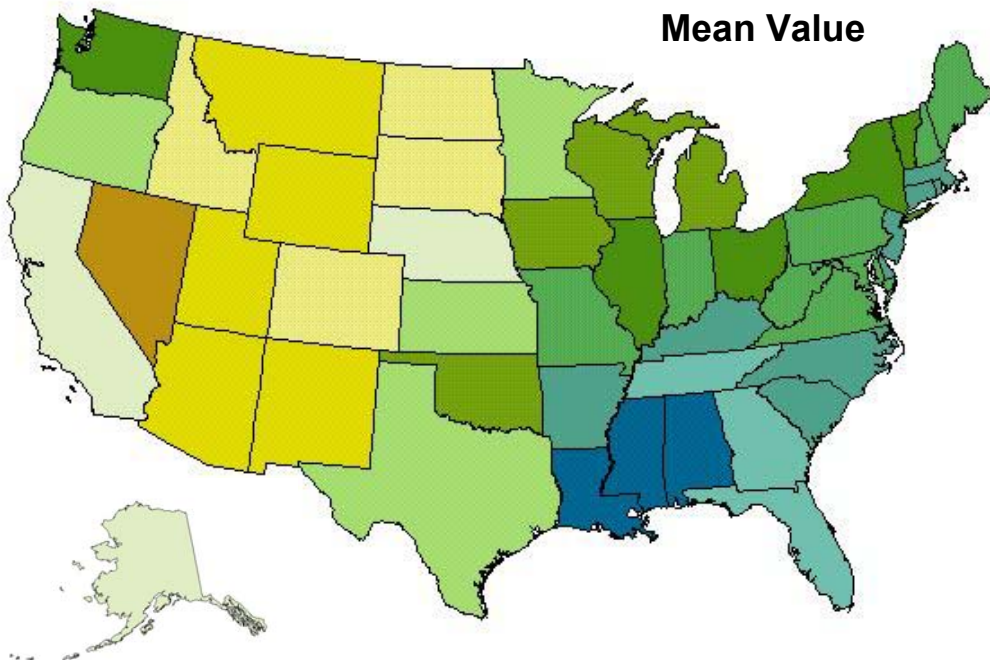
### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

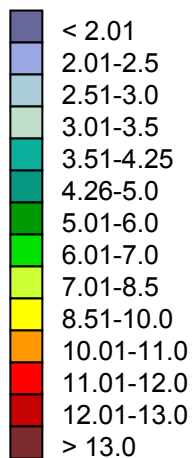
#### Legend (inches)



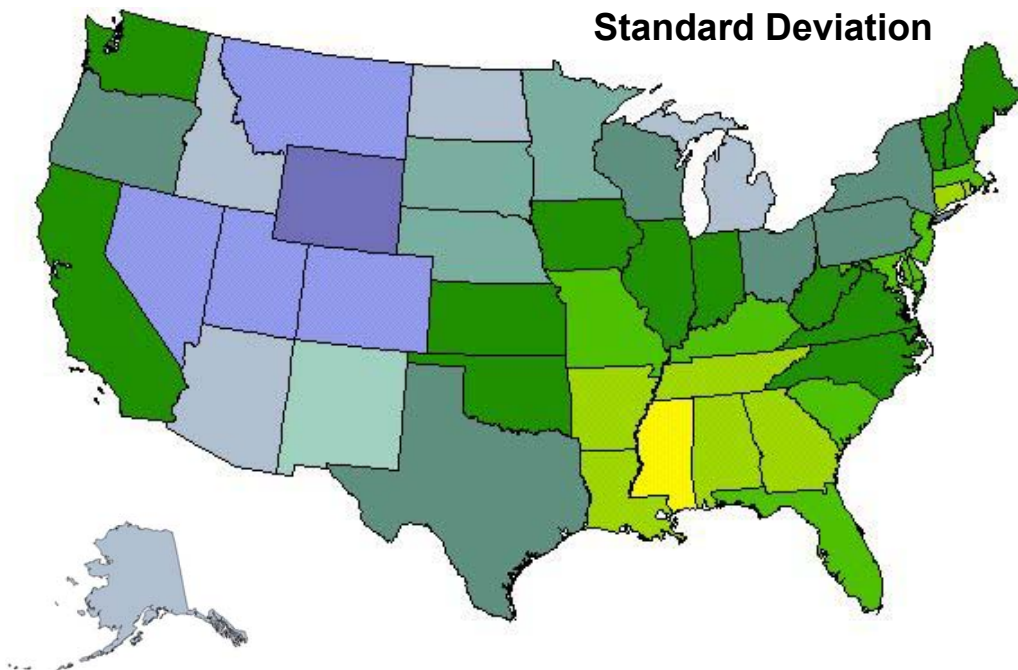
#### Mean Value



#### Legend



#### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: Annual  
Period: 1931-2000  
Element: Precipitation

Map/Legend in Color

Map Page 28

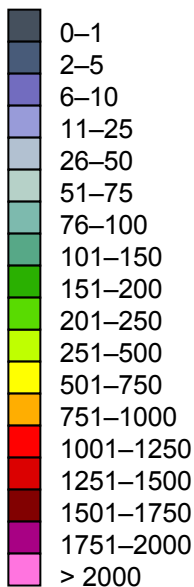


## State Normals Maps

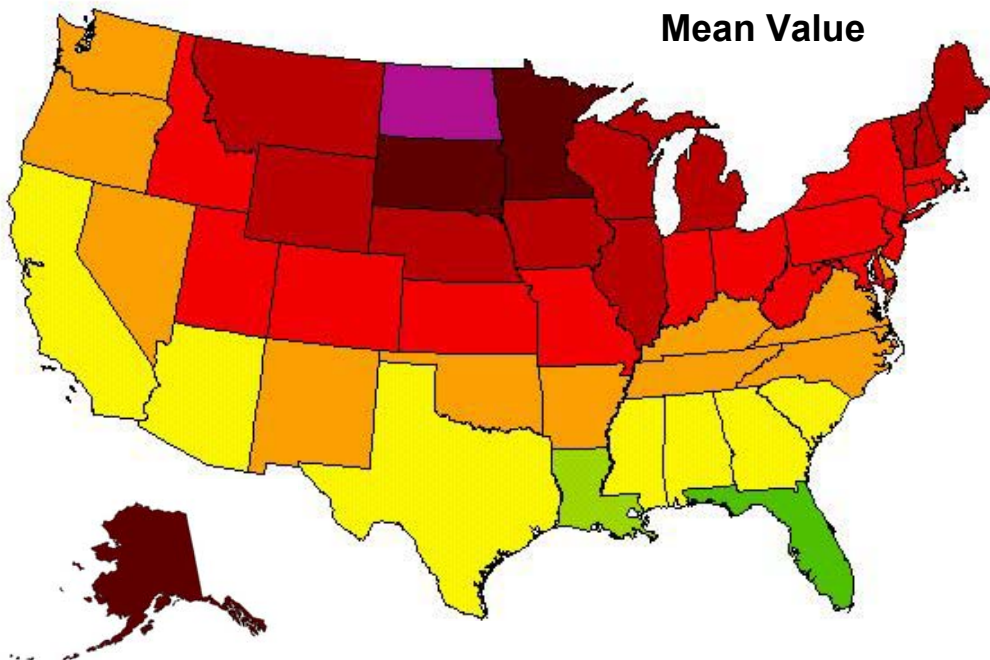
### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

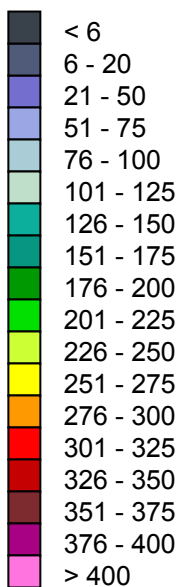
#### Legend



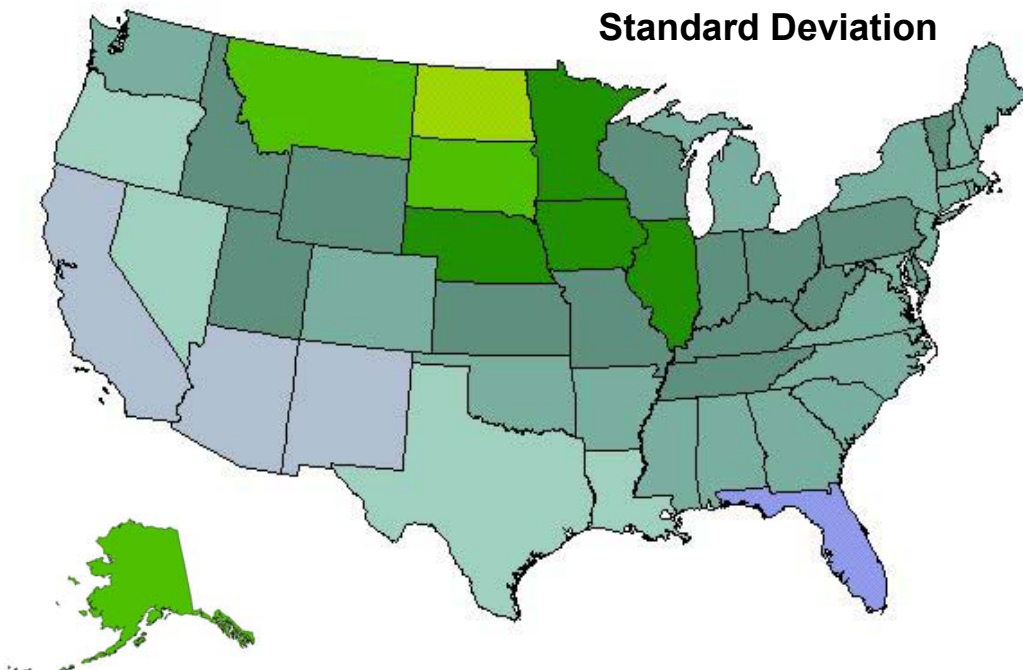
#### Mean Value



#### Legend



#### Standard Deviation

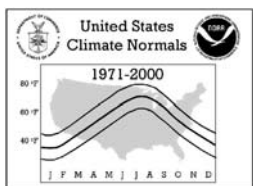


National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: **January**  
Period: 1931-2000  
Element: HDD

Map/Legend in Color

Map Page 29

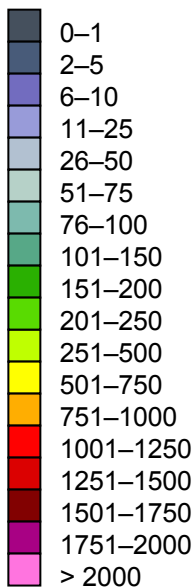


# State Normals Maps

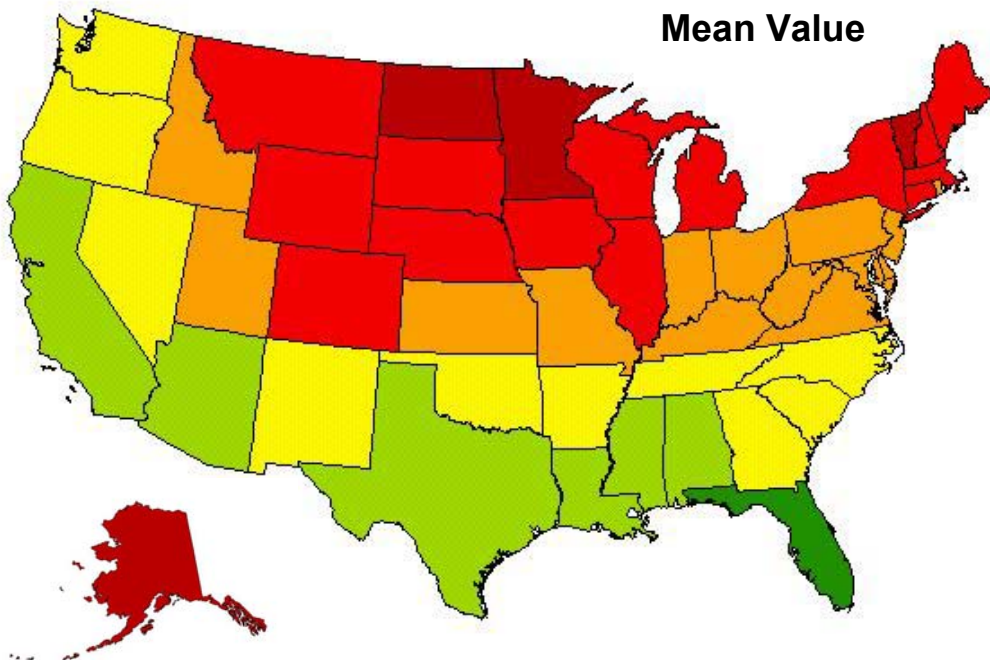
## HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

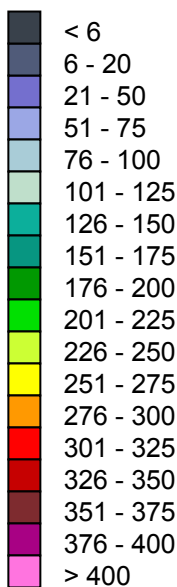
### Legend



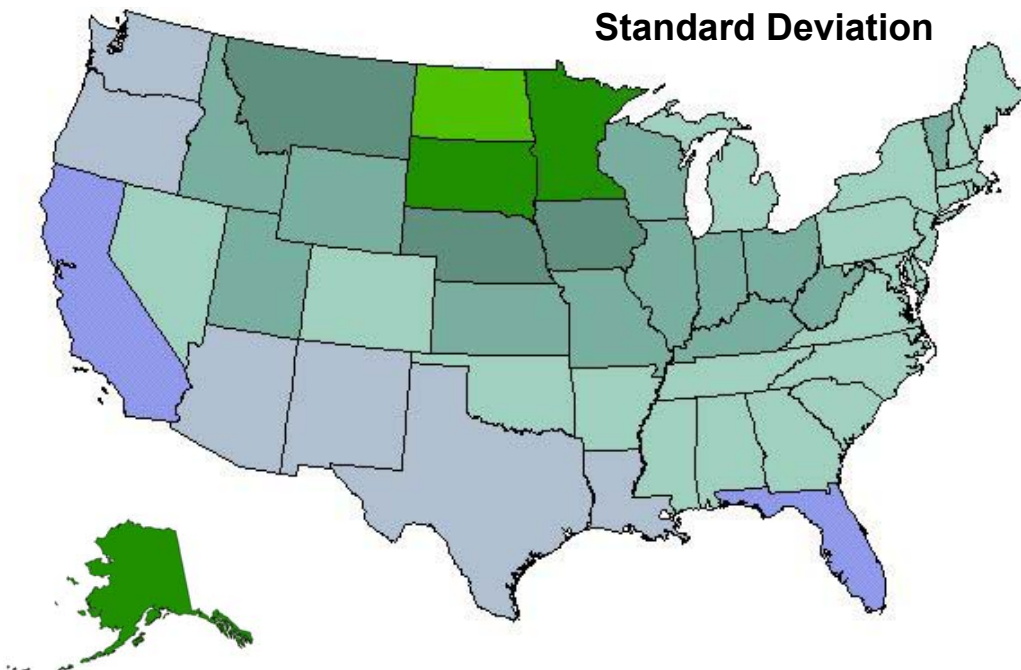
### Mean Value



### Legend



### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: February  
Period: 1931-2000  
Element: HDD

Map/Legend in Color

Map Page 30



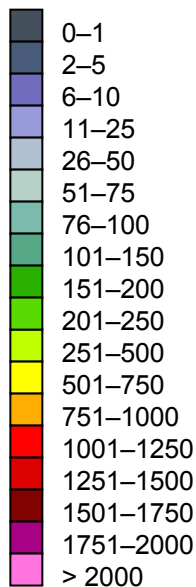


## State Normals Maps

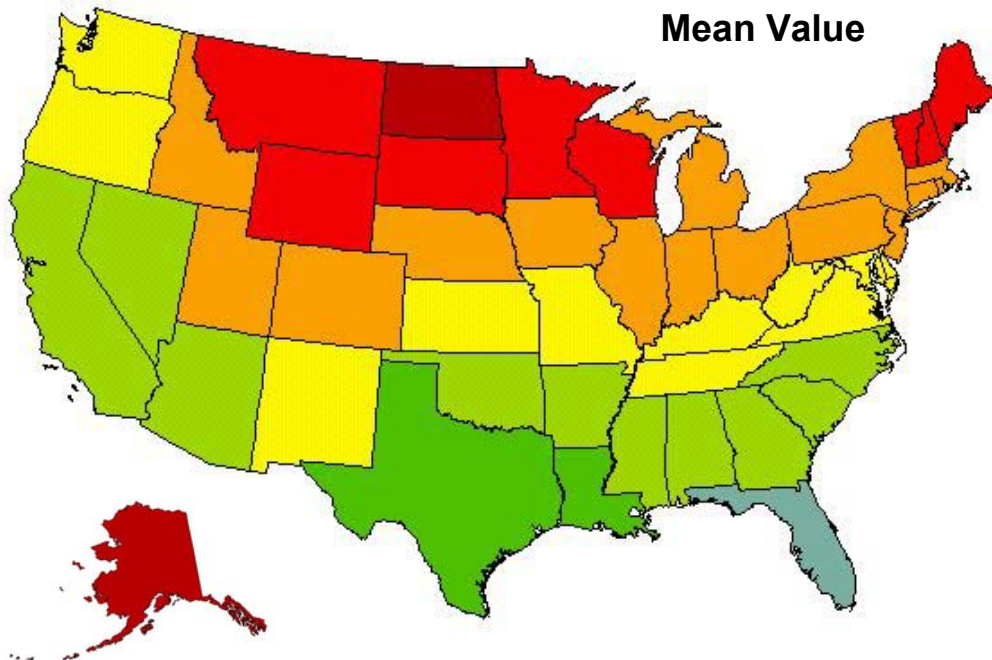
### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

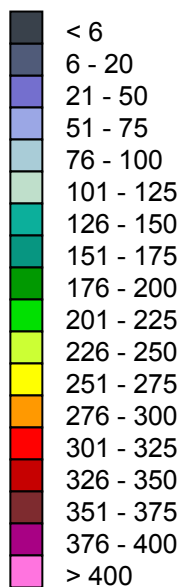
#### Legend



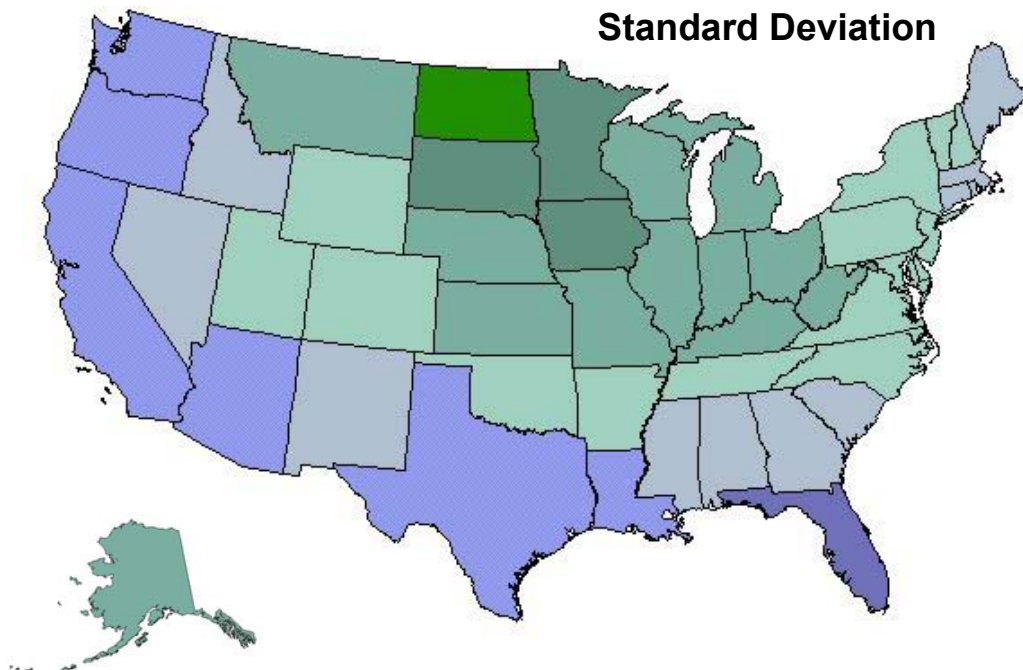
#### Mean Value



#### Legend



#### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: **March**  
Period: 1931-2000  
Element: HDD

Map/Legend in Color

Map Page 31

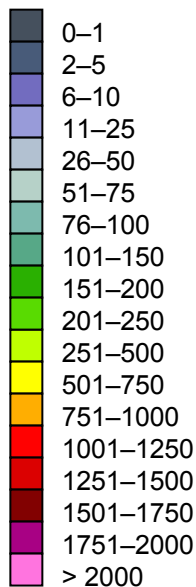


## State Normals Maps

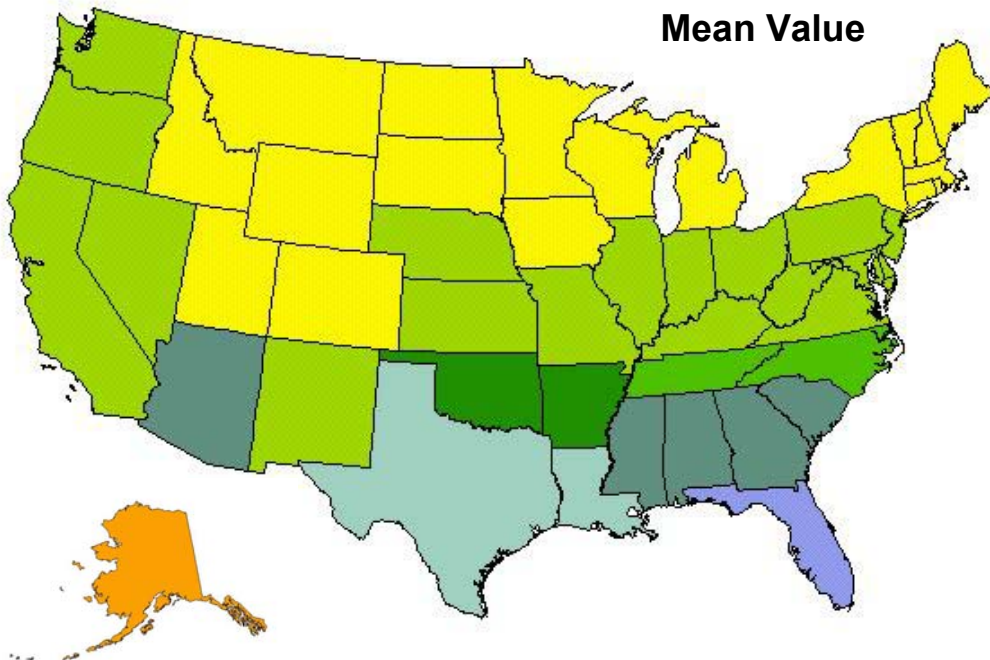
### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

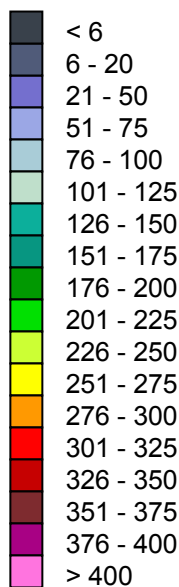
#### Legend



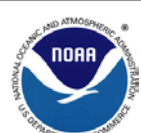
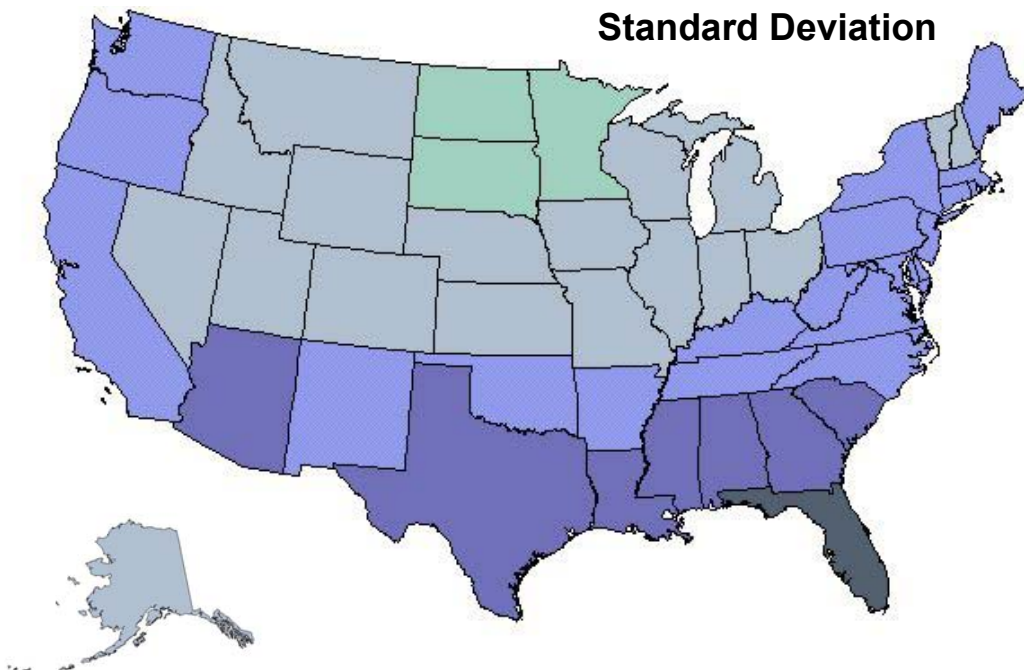
#### Mean Value



#### Legend



#### Standard Deviation

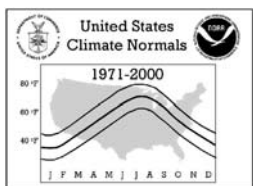


National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: April  
Period: 1931-2000  
Element: HDD

Map/Legend in Color

Map Page 32

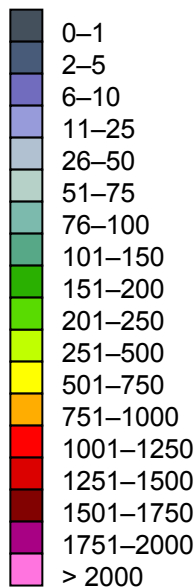


# State Normals Maps

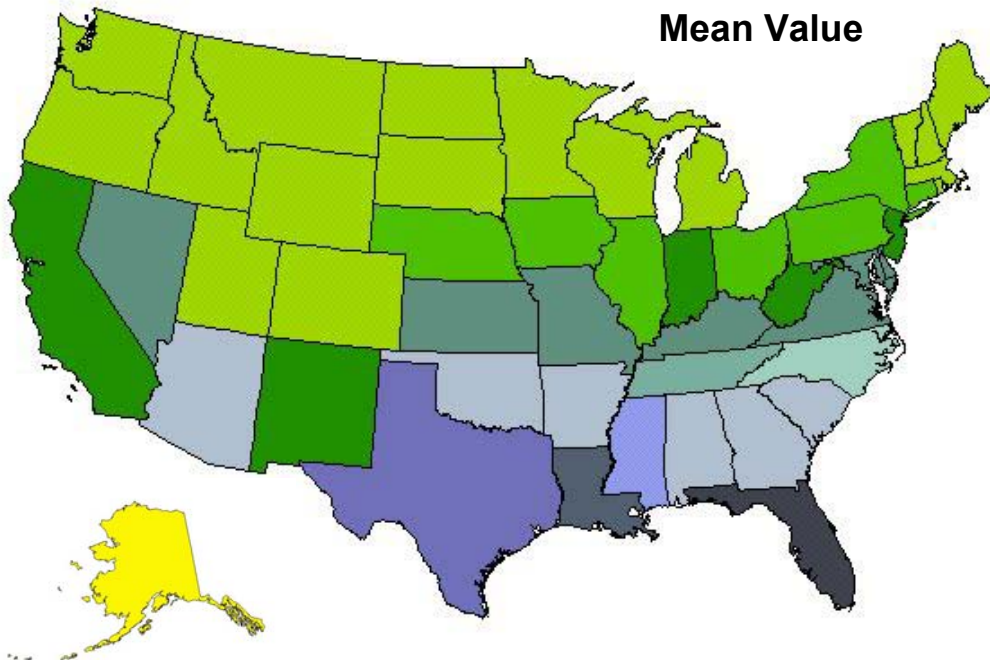
HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

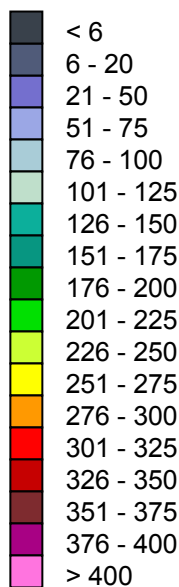
## Legend



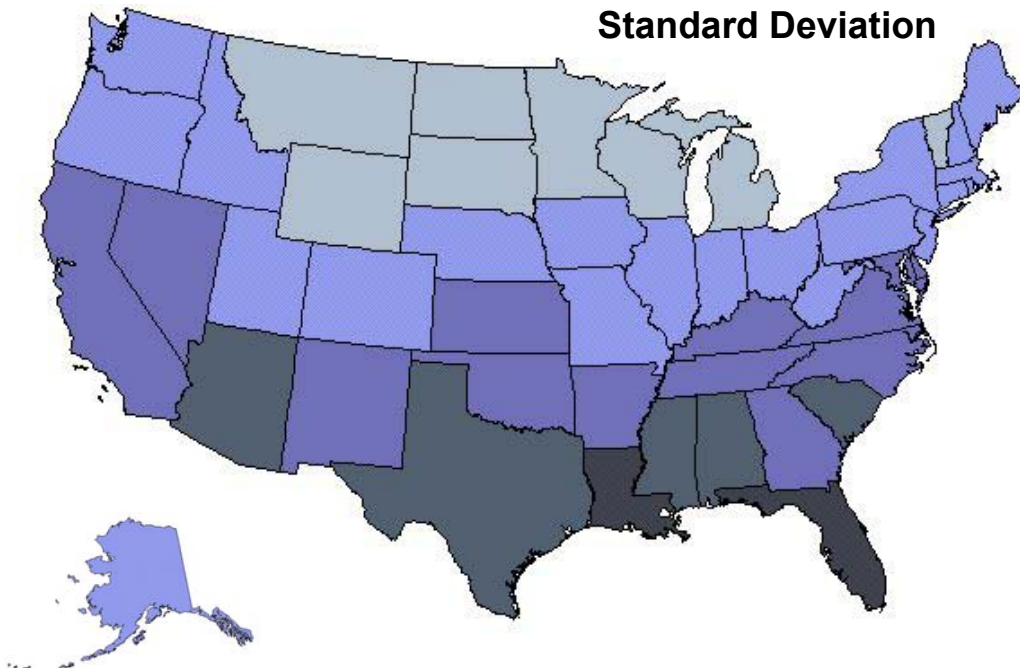
## Mean Value



## Legend



## Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: May  
Period: 1931-2000  
Element: HDD

Map/Legend in Color

Map Page 33



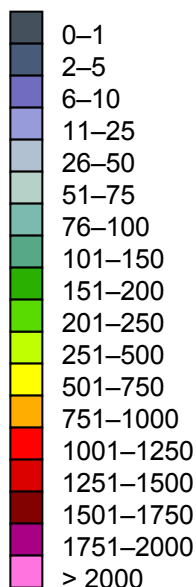


# State Normals Maps

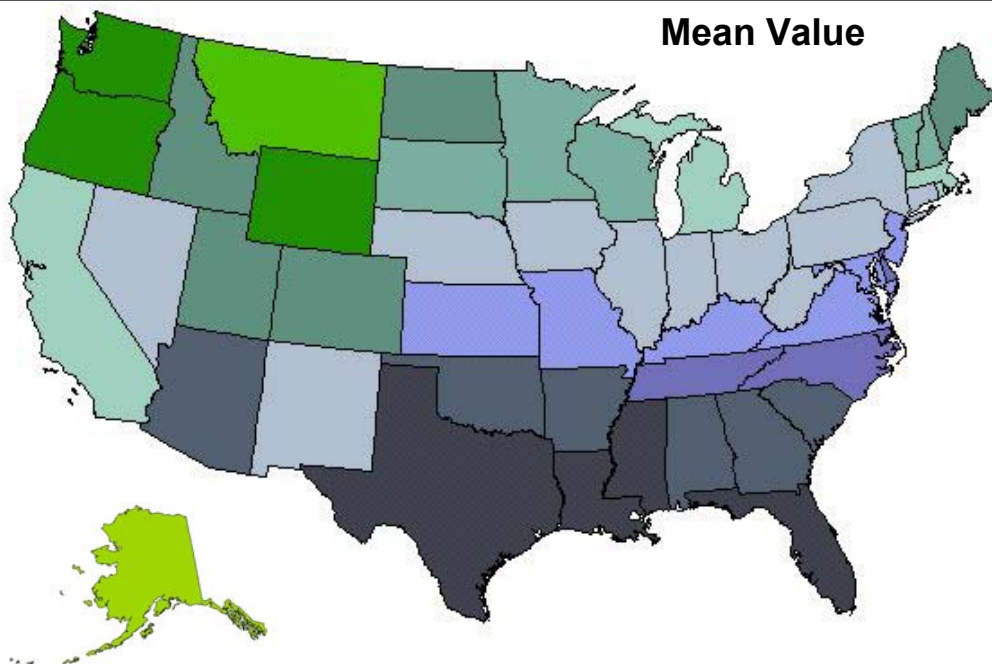
## HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

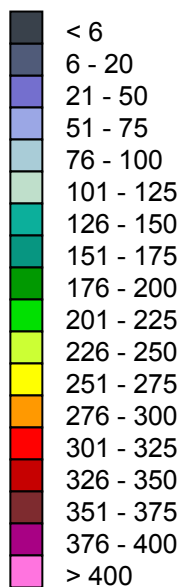
### Legend



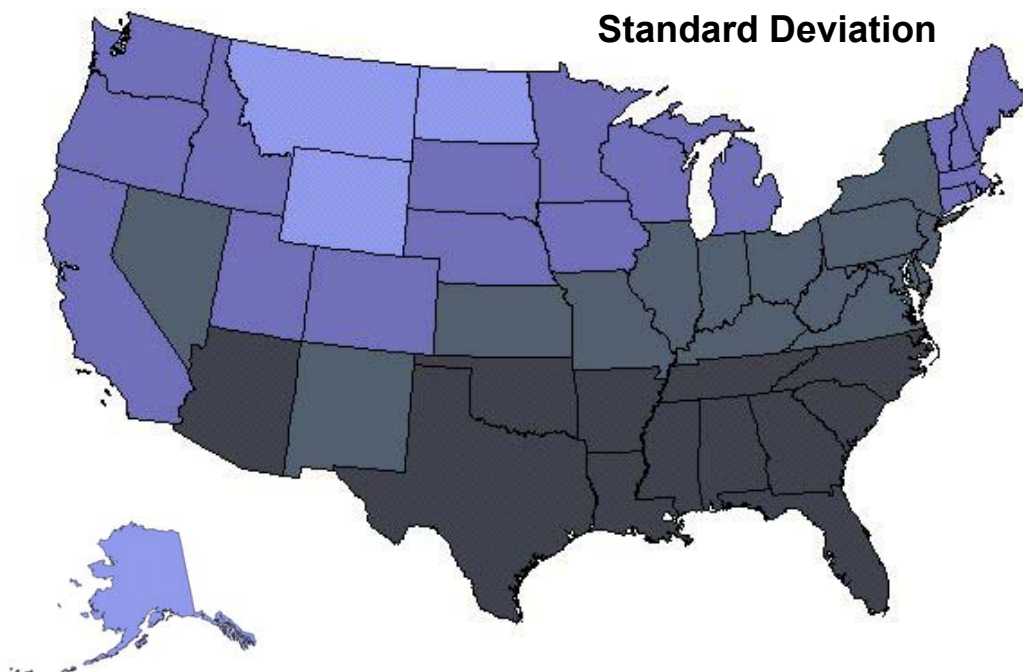
### Mean Value



### Legend



### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: June  
Period: 1931-2000  
Element: HDD

Map/Legend in Color

Map Page 34

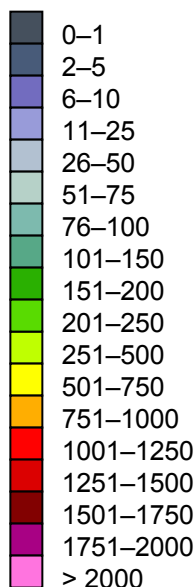


# State Normals Maps

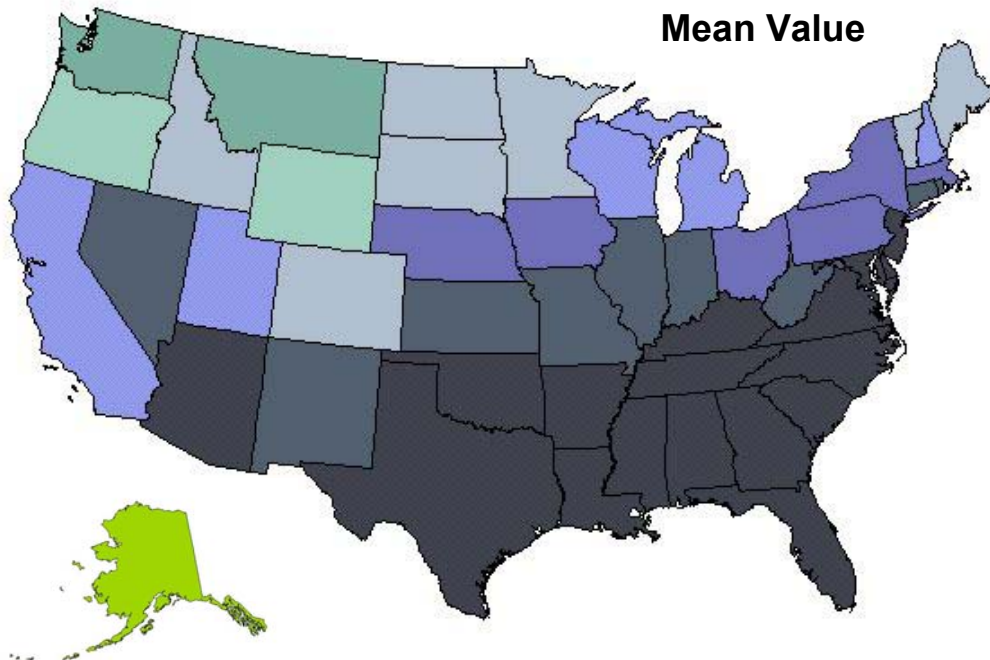
## HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

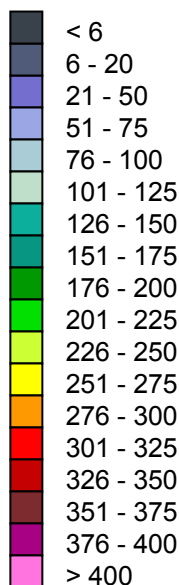
### Legend



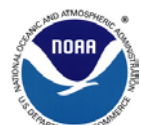
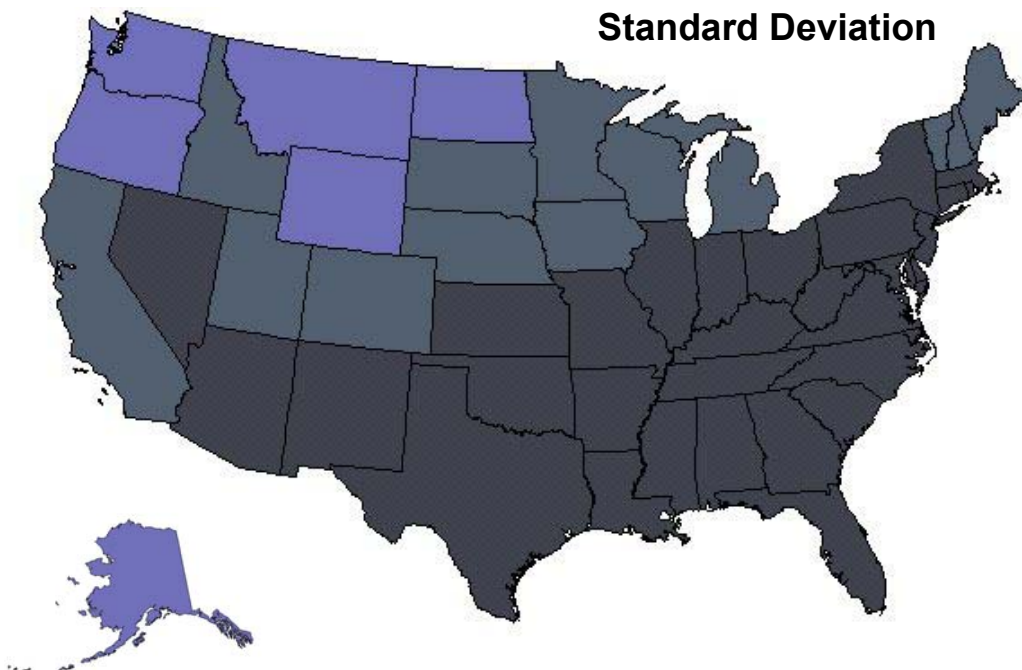
### Mean Value



### Legend



### Standard Deviation

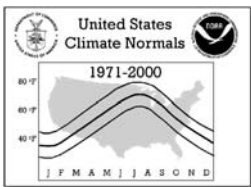


National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: July  
Period: 1931-2000  
Element: HDD

Map/Legend in Color

Map Page 35

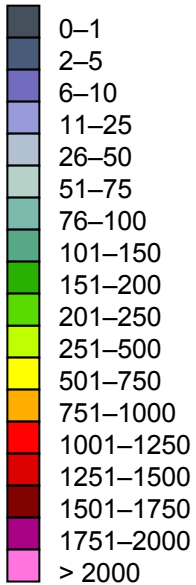


## State Normals Maps

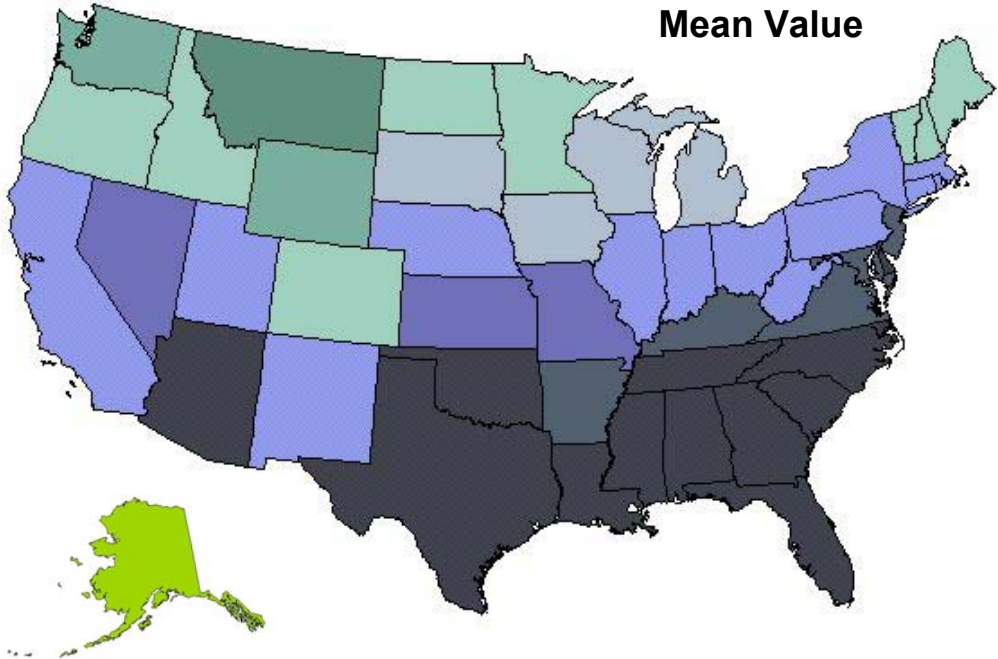
### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

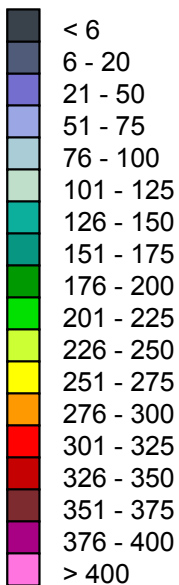
#### Legend



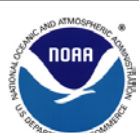
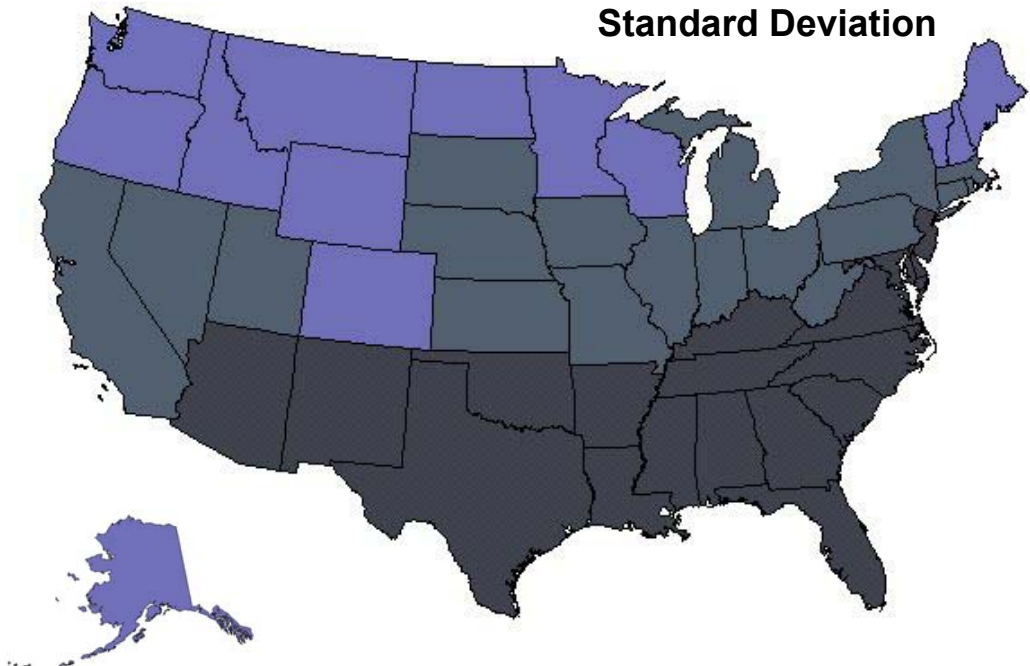
#### Mean Value



#### Legend



#### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: **August**  
Period: 1931-2000  
Element: HDD

Map/Legend in Color

Map Page 36



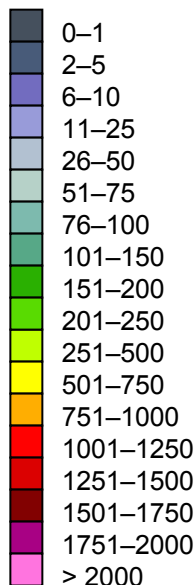


## State Normals Maps

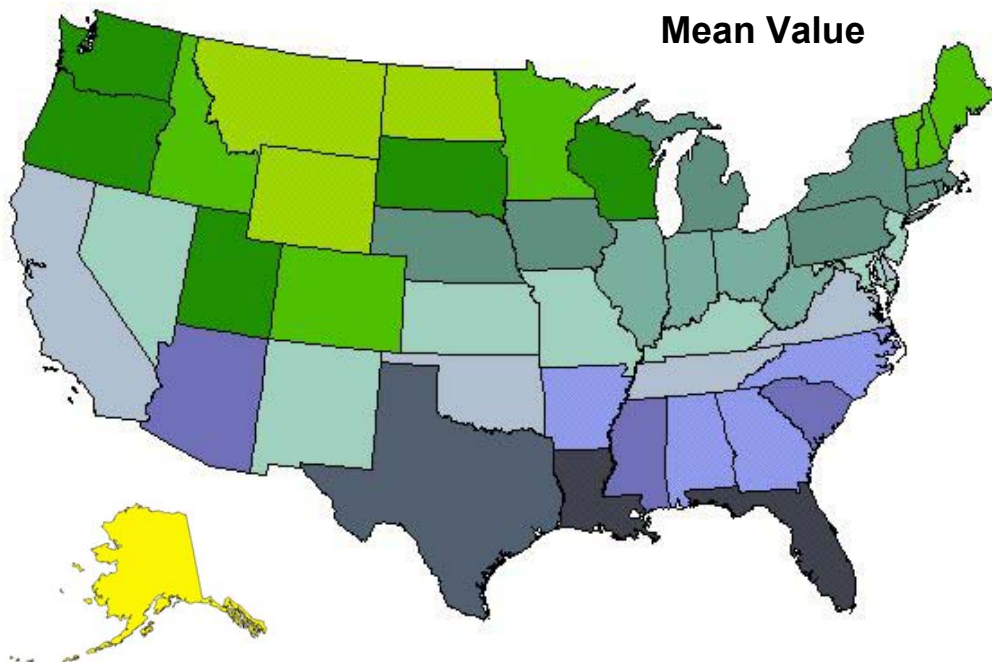
HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

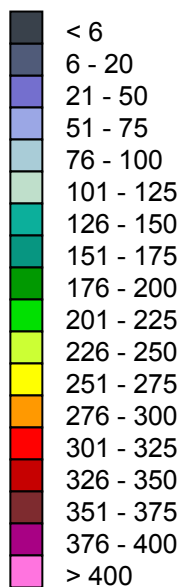
### Legend



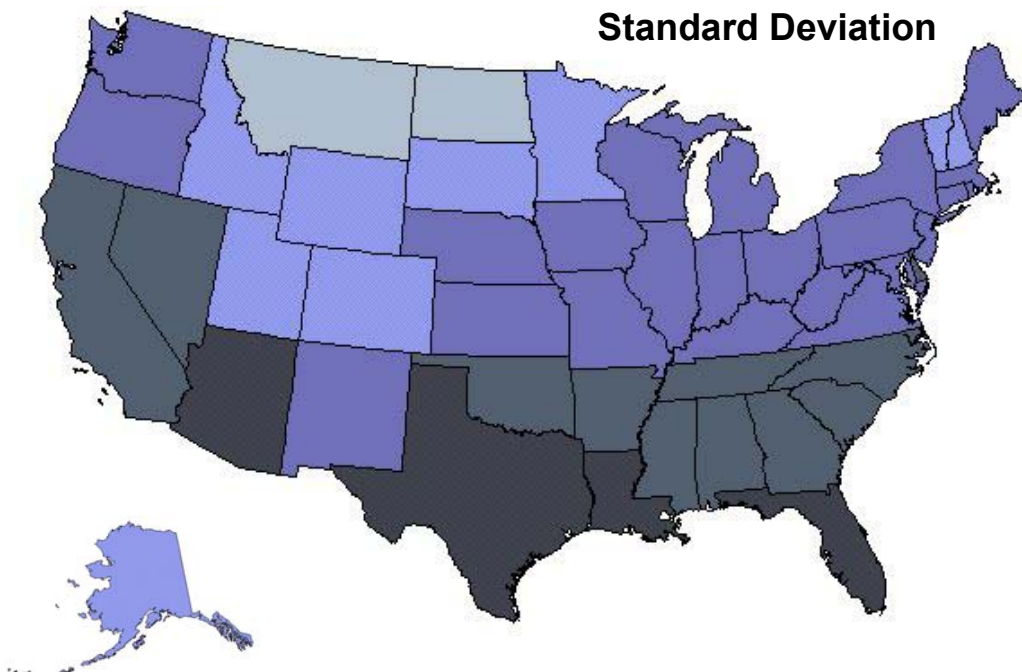
### Mean Value



### Legend



### Standard Deviation

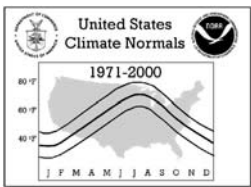


National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: **September**  
Period: 1931-2000  
Element: HDD

Map/Legend in Color

Map Page 37

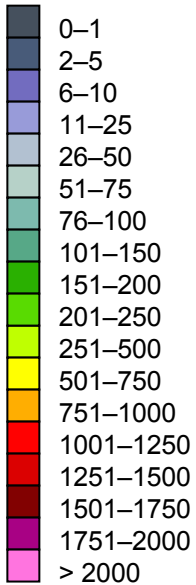


## State Normals Maps

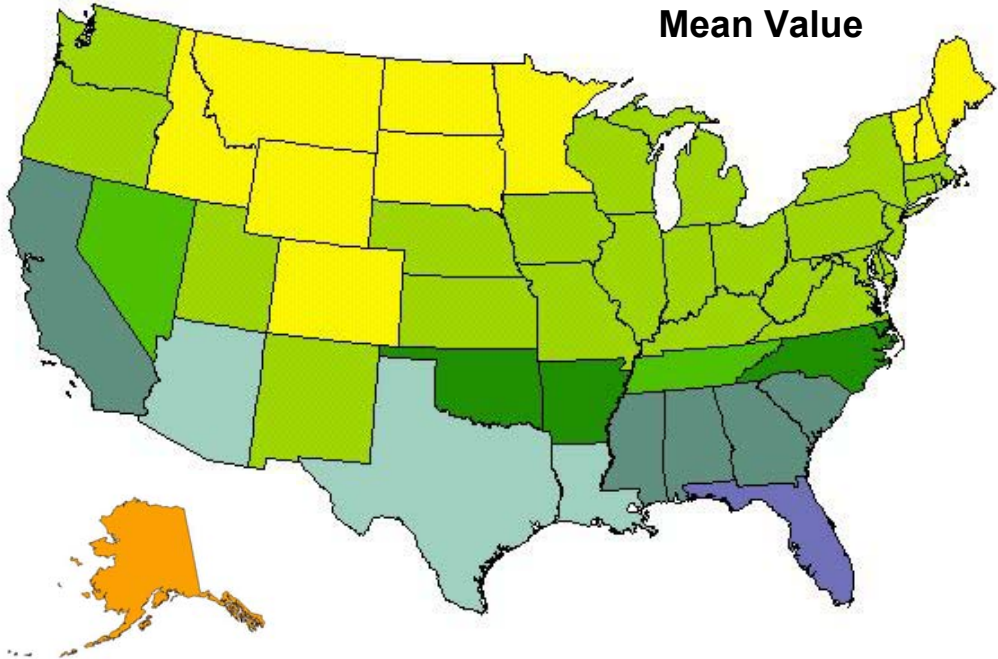
### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

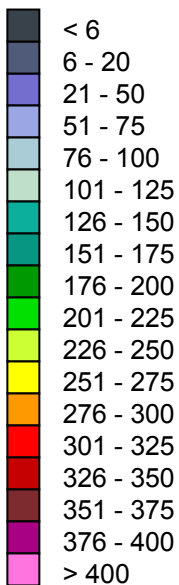
#### Legend



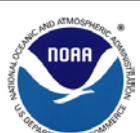
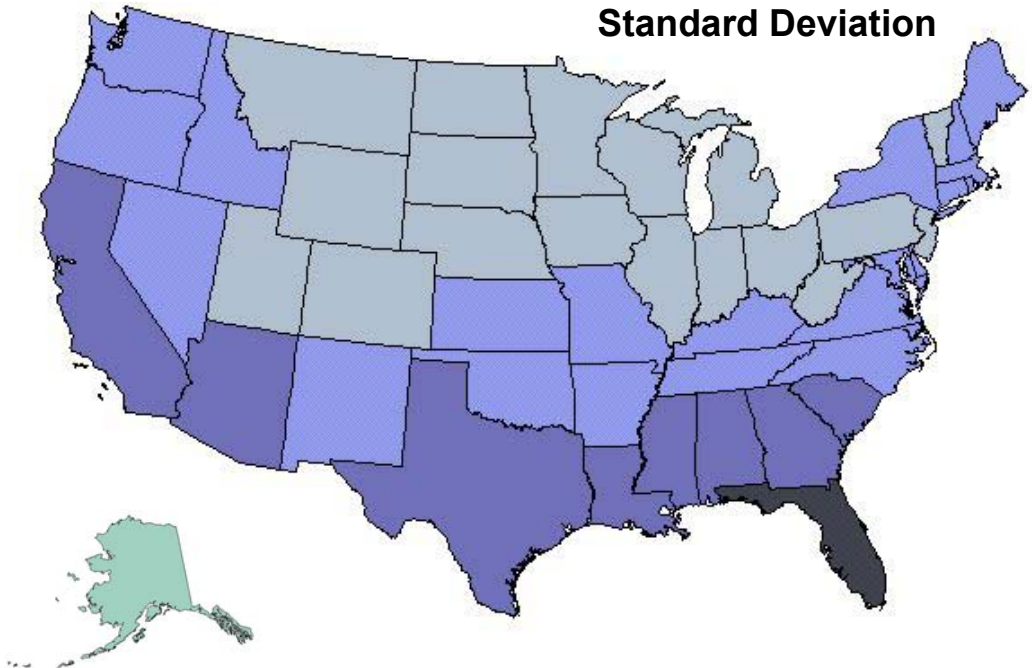
#### Mean Value



#### Legend



#### Standard Deviation

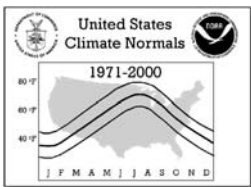


National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: **October**  
Period: 1931-2000  
Element: HDD

Map/Legend in Color

Map Page 38

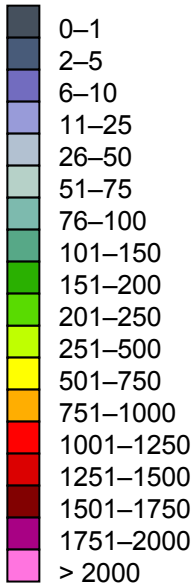


## State Normals Maps

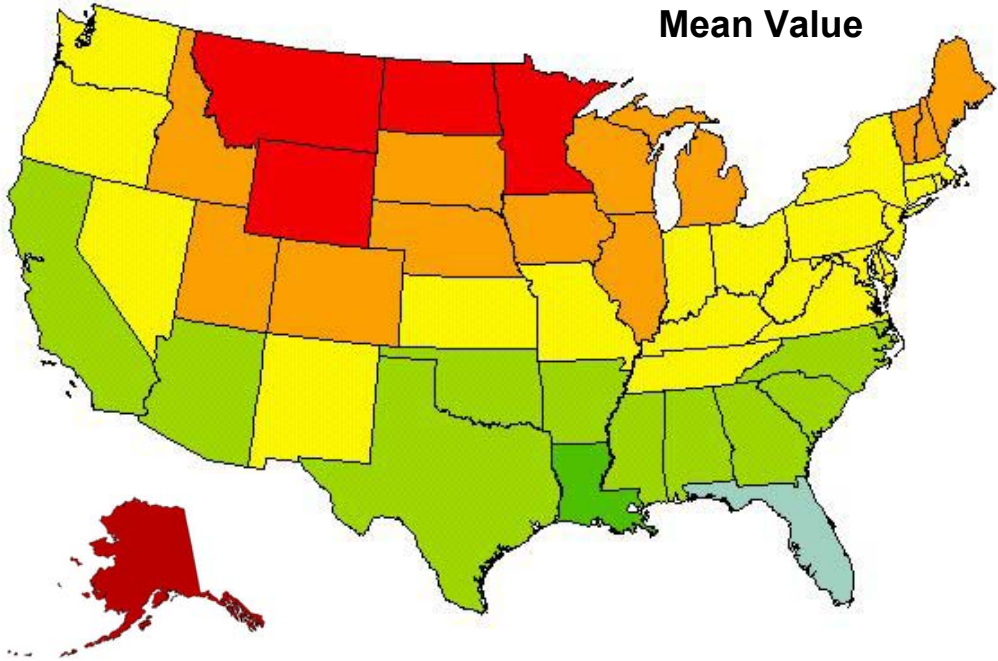
### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

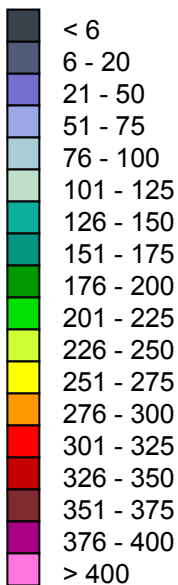
#### Legend



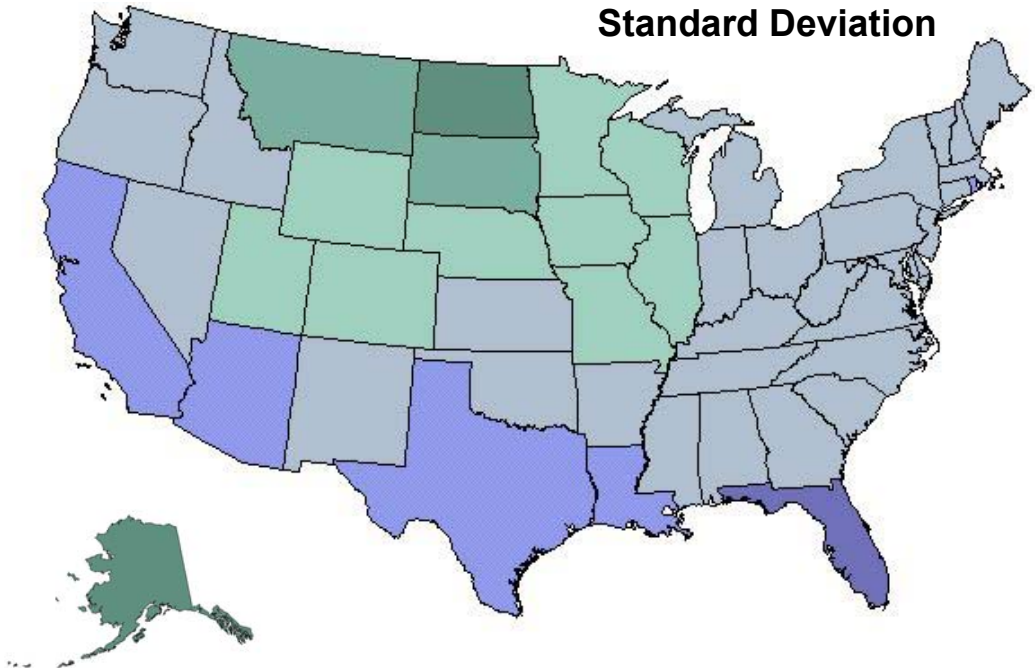
#### Mean Value



#### Legend



#### Standard Deviation



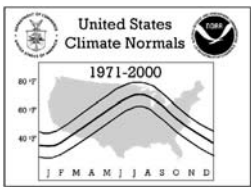
National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: November  
Period: 1931-2000  
Element: HDD

Map/Legend in Color

Map Page 39



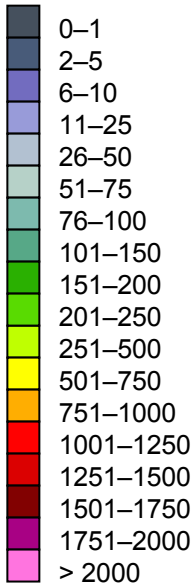


## State Normals Maps

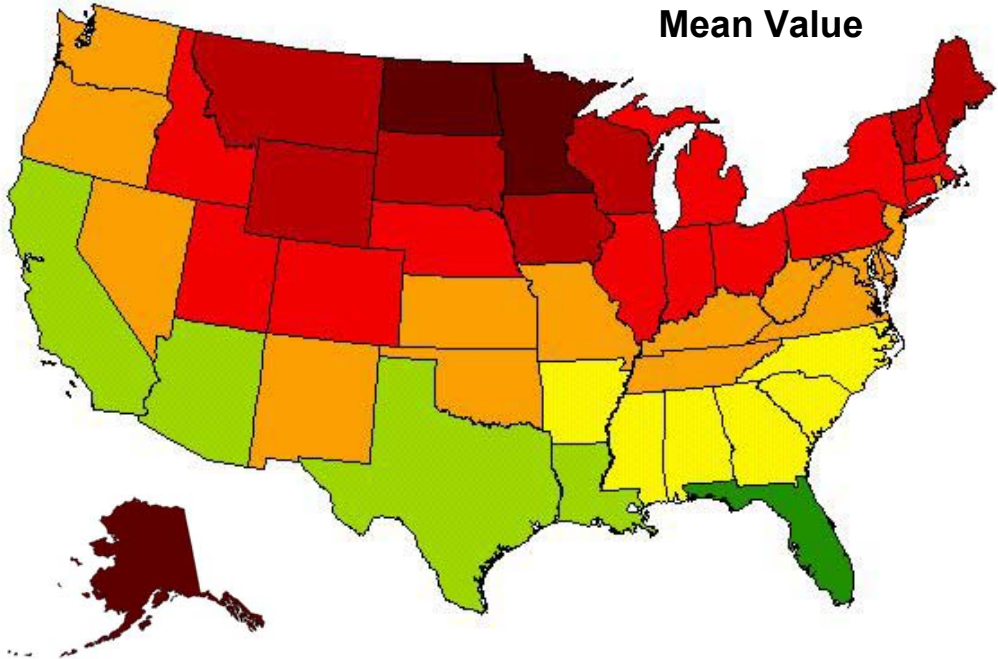
### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

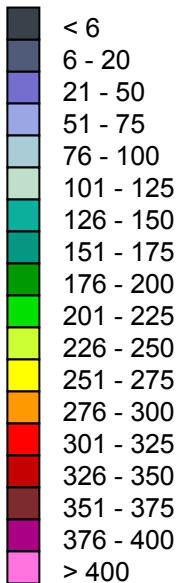
#### Legend



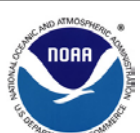
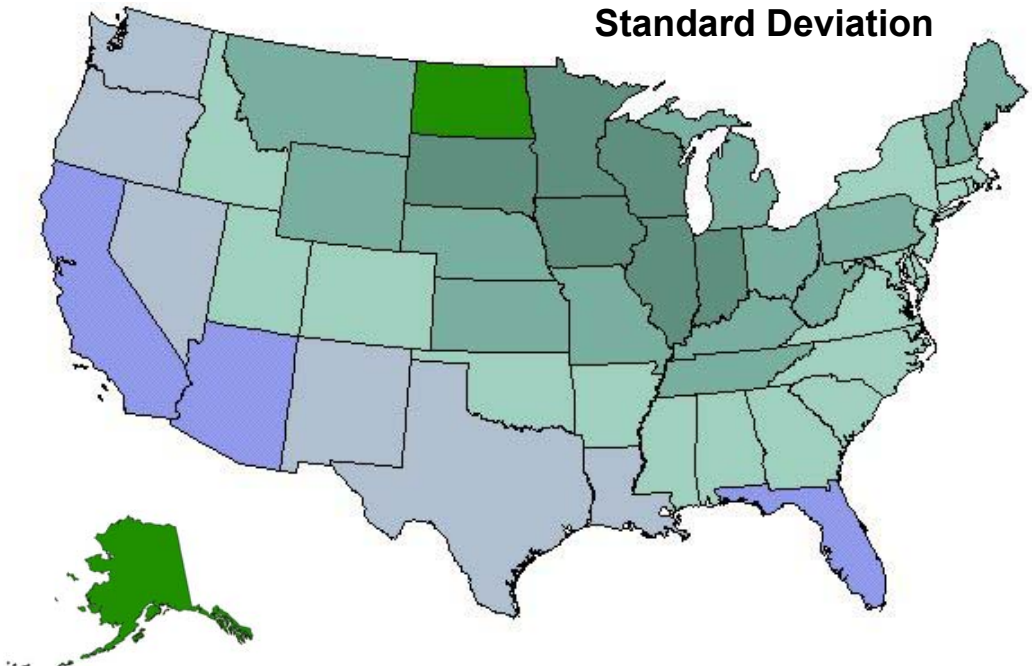
#### Mean Value



#### Legend



#### Standard Deviation

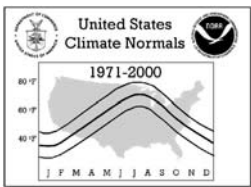


National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: December  
Period: 1931-2000  
Element: HDD

Map/Legend in Color

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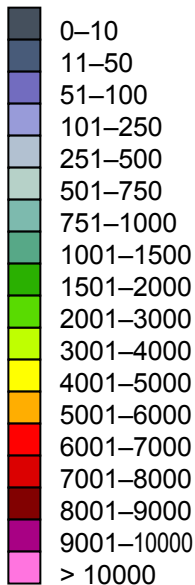


## State Normals Maps

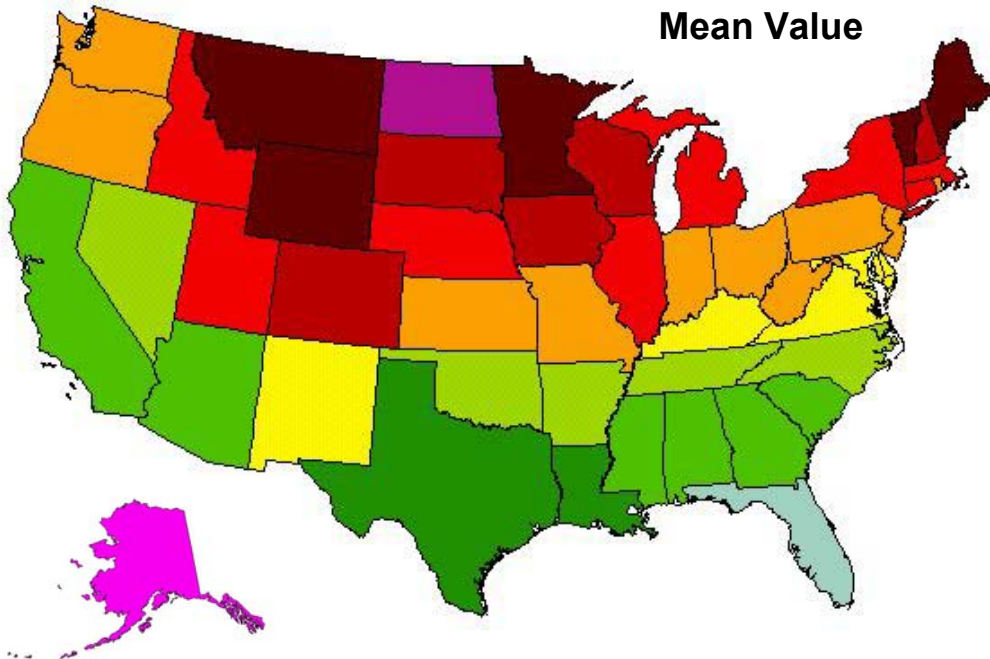
HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

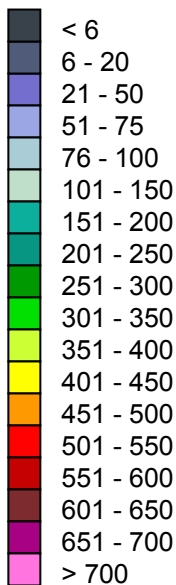
### Legend



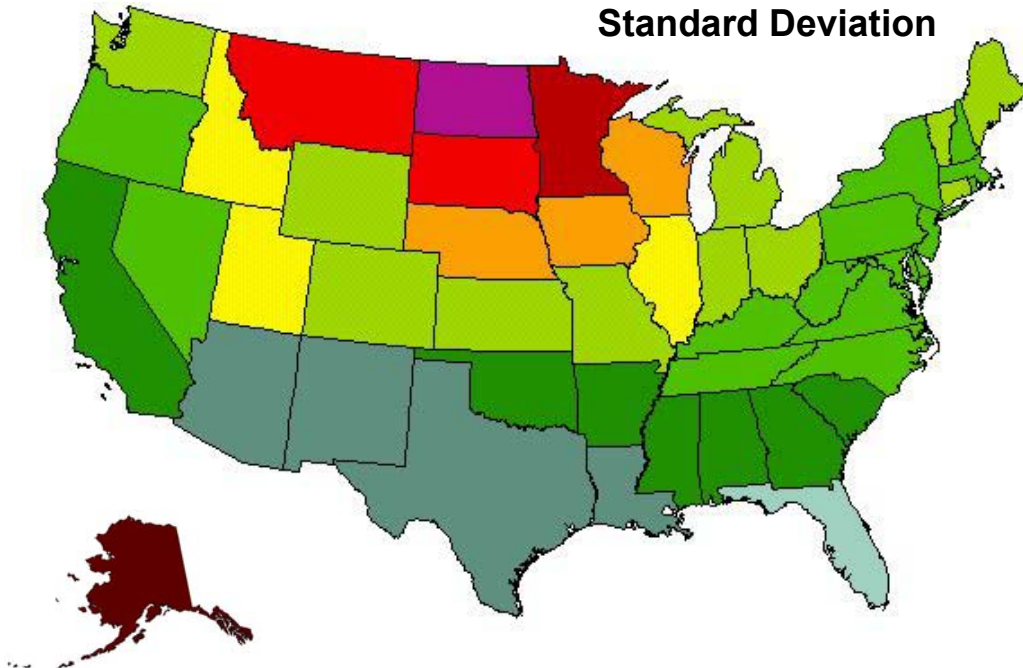
### Mean Value



### Legend



### Standard Deviation

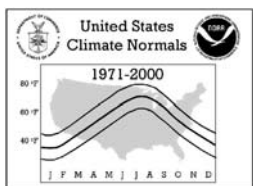


National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: Annual  
Period: 1931-2000  
Element: HDD

Map/Legend in Color

Map Page 41

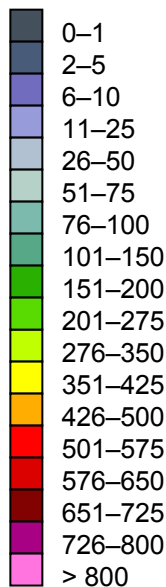


# State Normals Maps

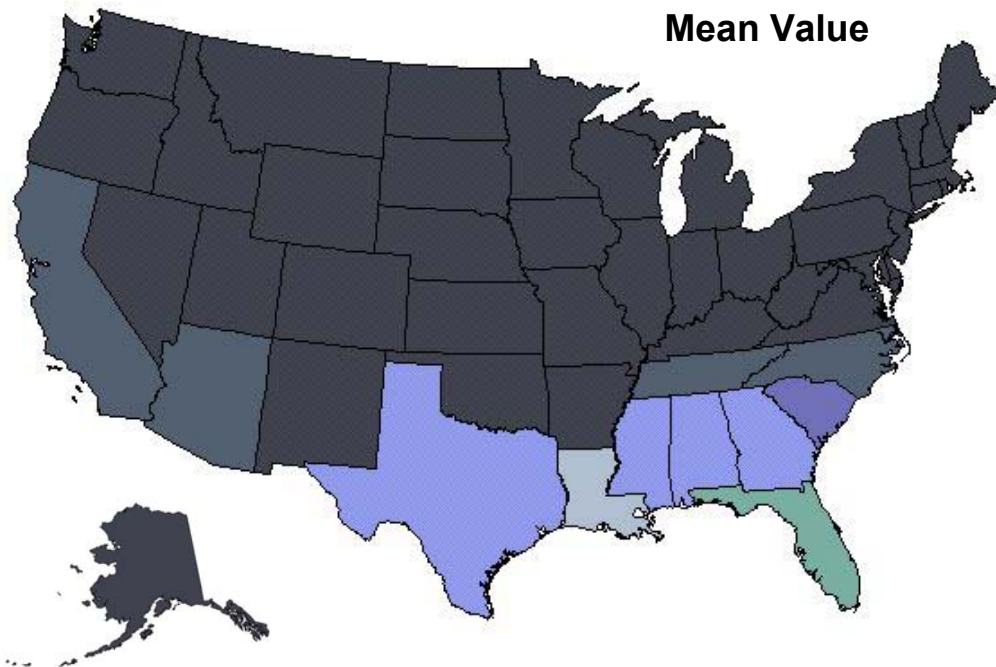
HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

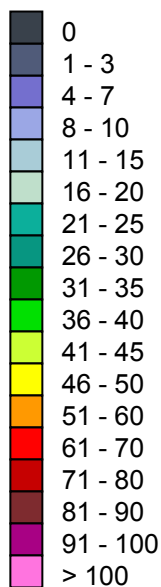
## Legend



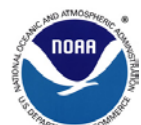
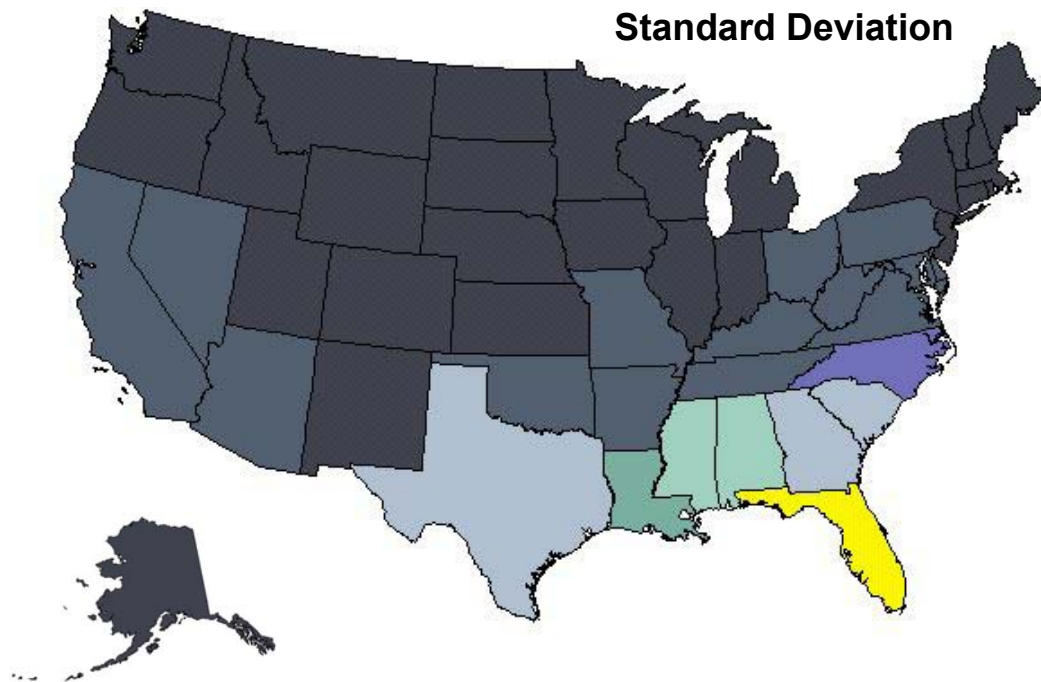
## Mean Value



## Legend



## Standard Deviation



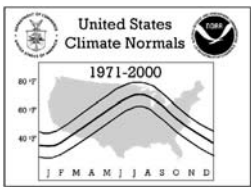
National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: January  
Period: 1931-2000  
Element: CDD

Map/Legend in Color

Map Page 42



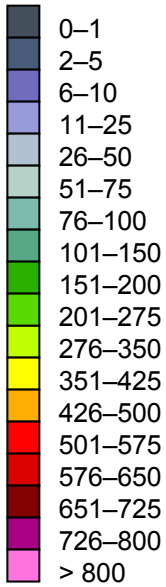


## State Normals Maps

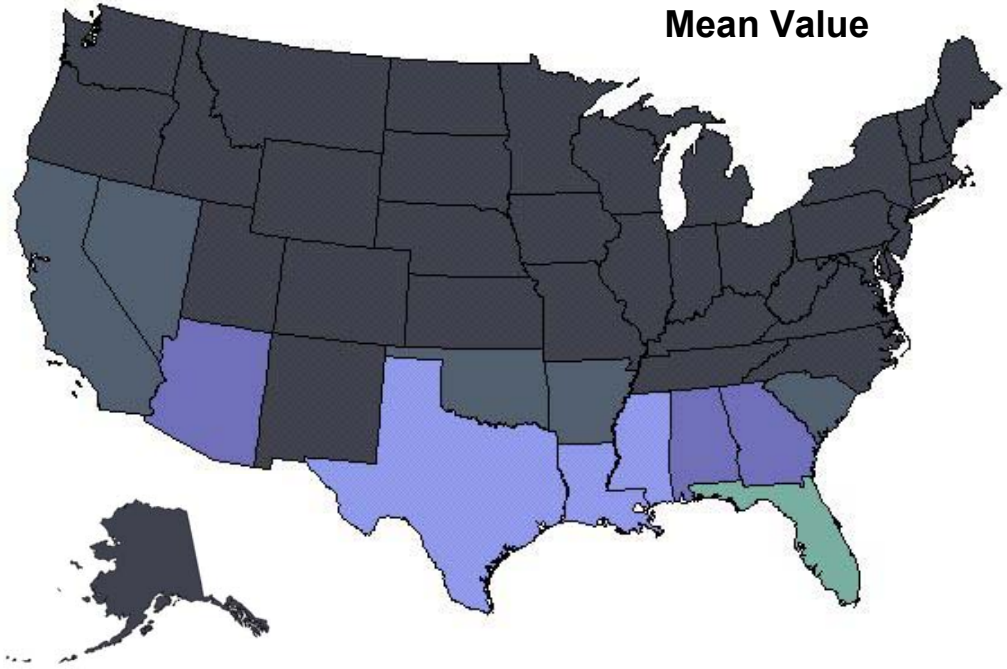
### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

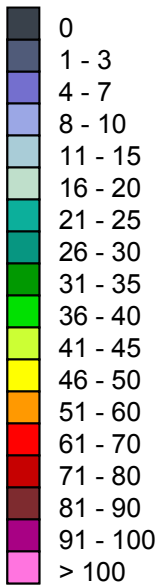
#### Legend



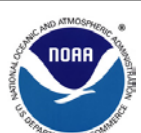
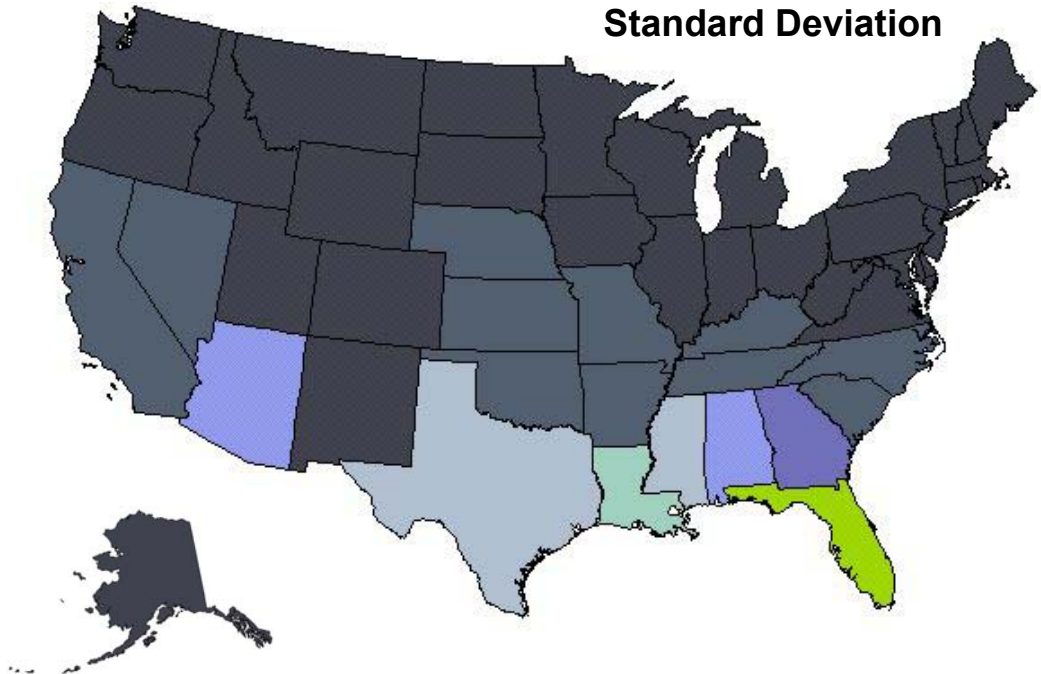
#### Mean Value



#### Legend



#### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: February  
Period: 1931-2000  
Element: CDD

Map/Legend in Color

Map Page 43

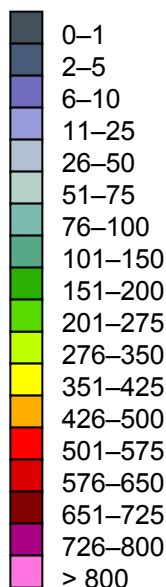


# State Normals Maps

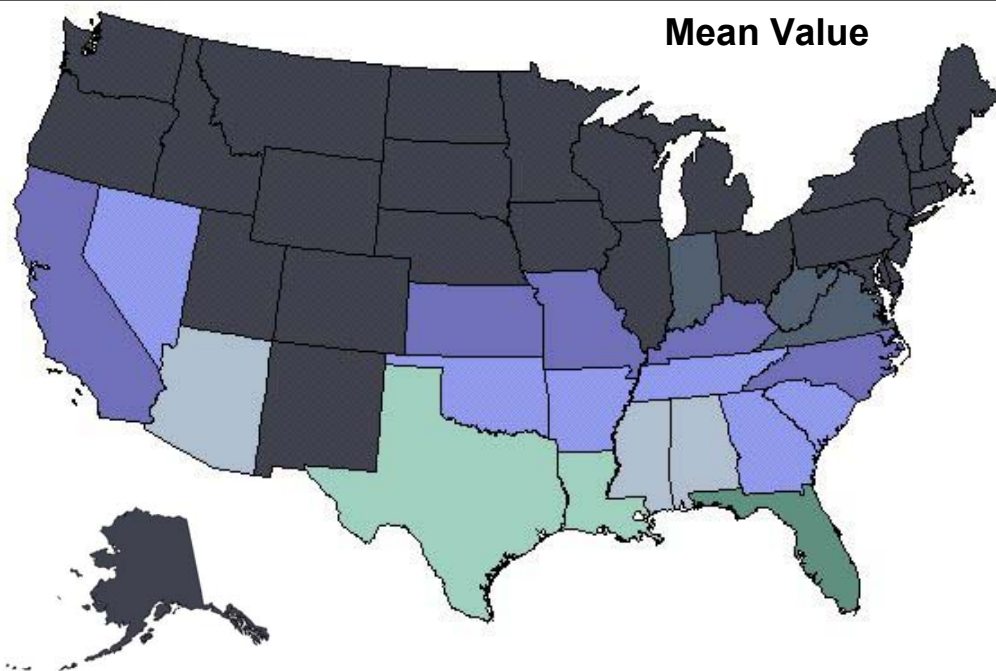
## HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

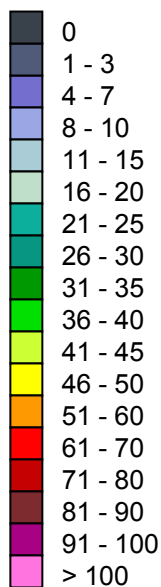
### Legend



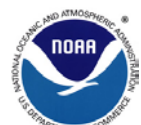
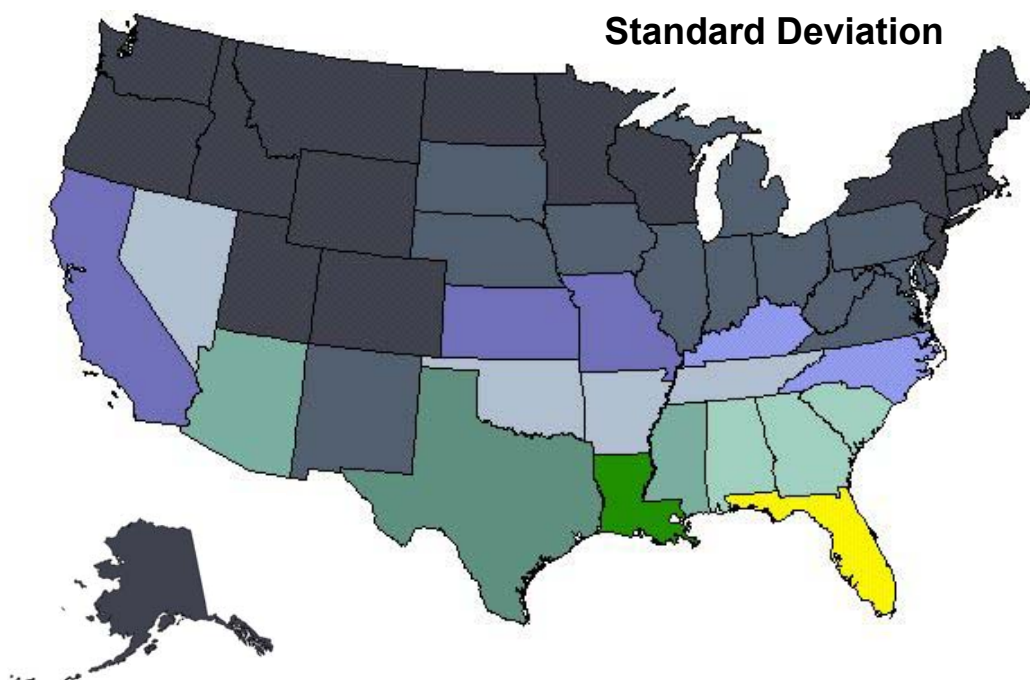
### Mean Value



### Legend



### Standard Deviation

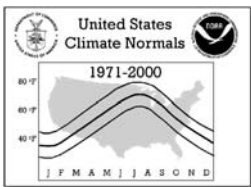


National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: **March**  
Period: **1931-2000**  
Element: **CDD**

Map/Legend in Color

Map Page **44**

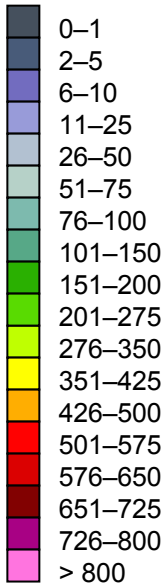


# State Normals Maps

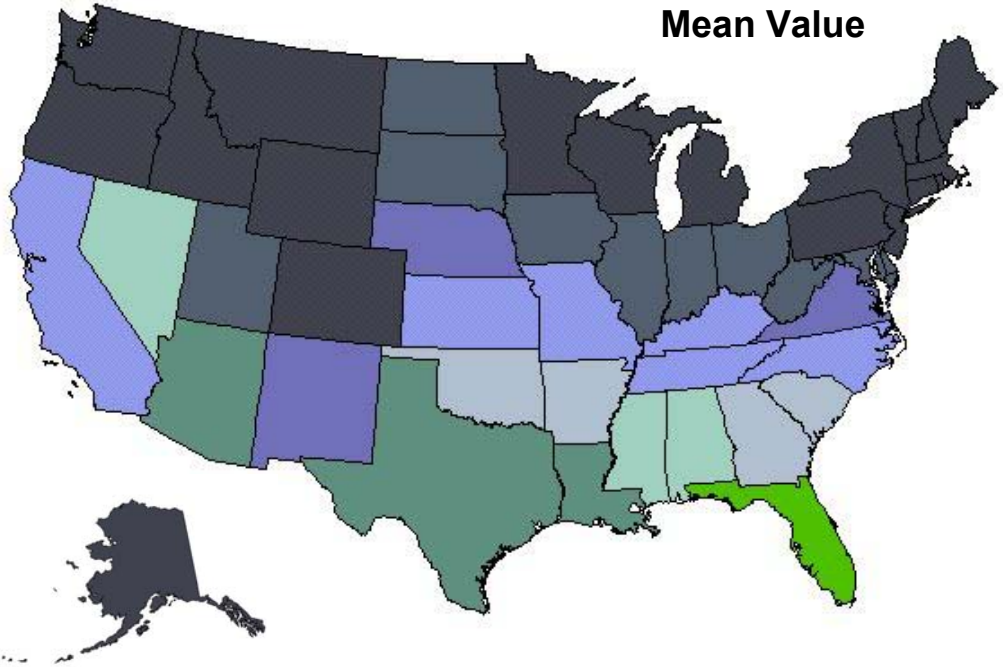
## HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

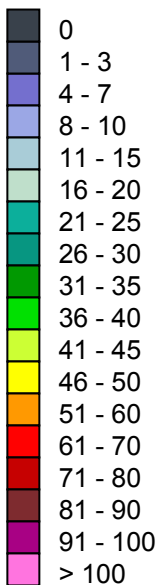
### Legend



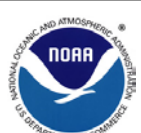
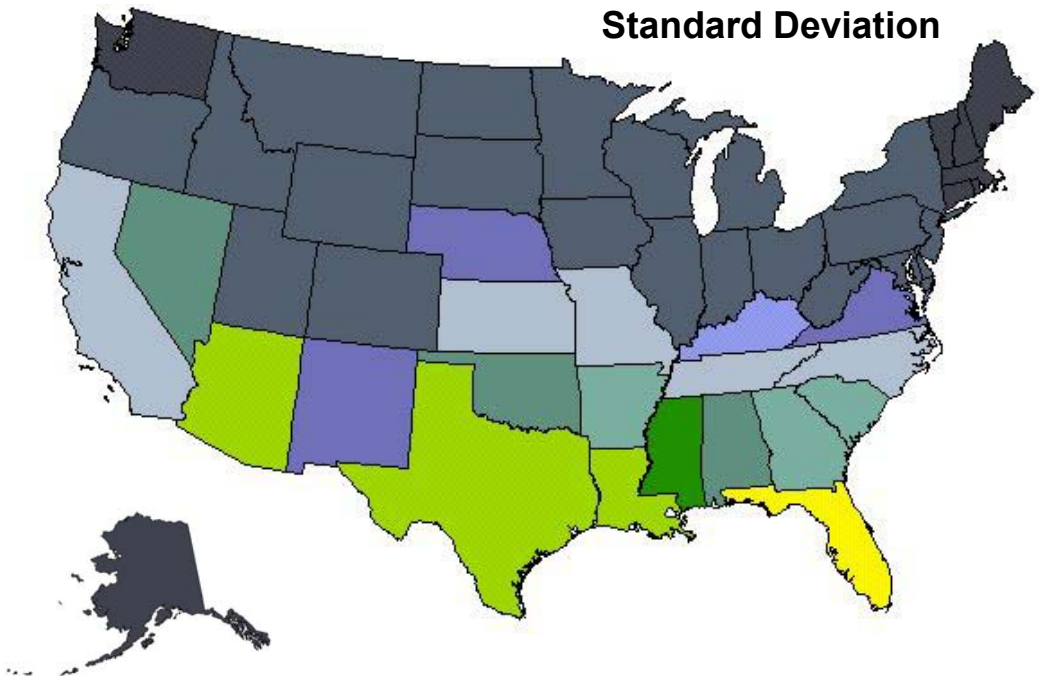
### Mean Value



### Legend



### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: April  
Period: 1931-2000  
Element: CDD

Map/Legend in Color

Map Page 45



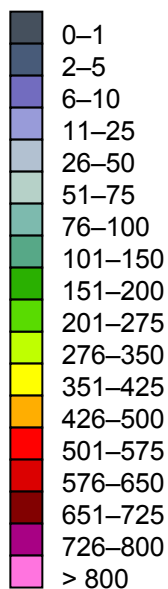


## State Normals Maps

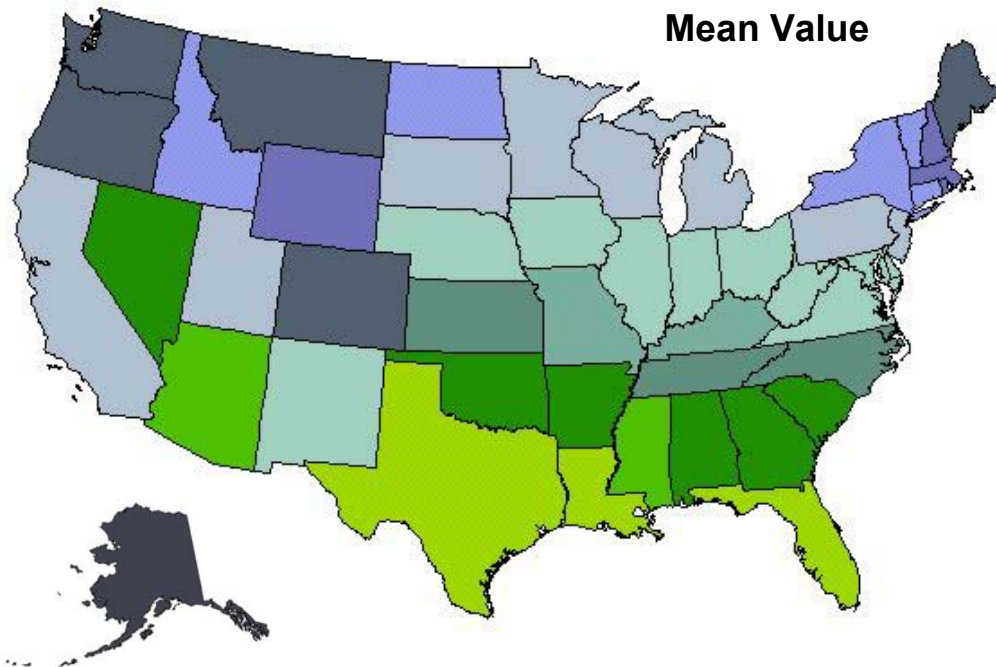
### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

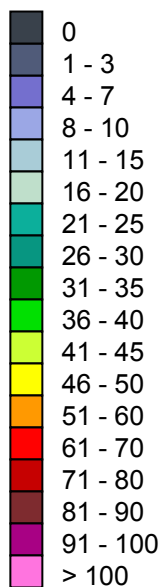
#### Legend



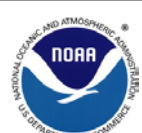
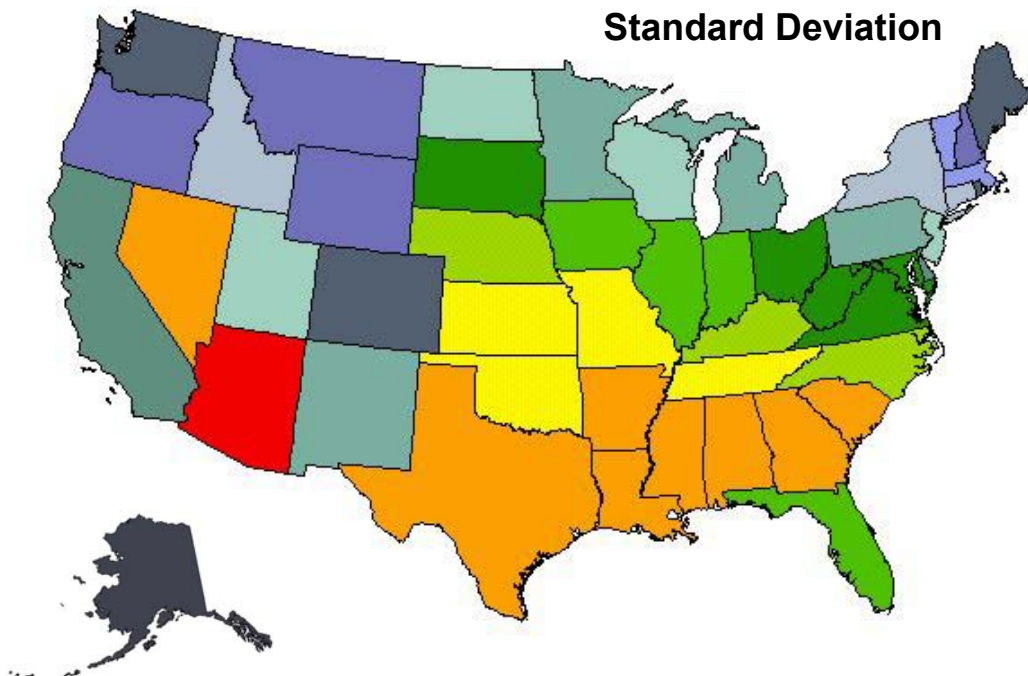
#### Mean Value



#### Legend



#### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: May  
Period: 1931-2000  
Element: CDD

Map/Legend in Color

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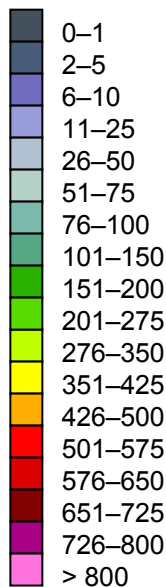


# State Normals Maps

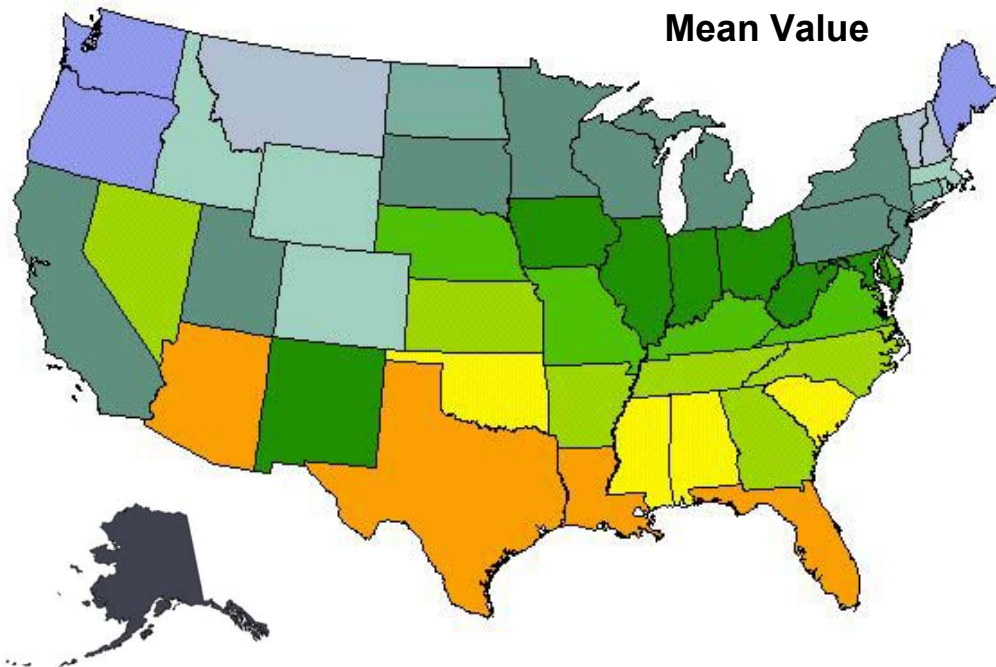
## HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

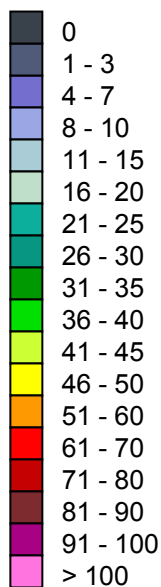
### Legend



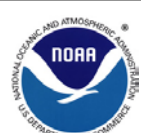
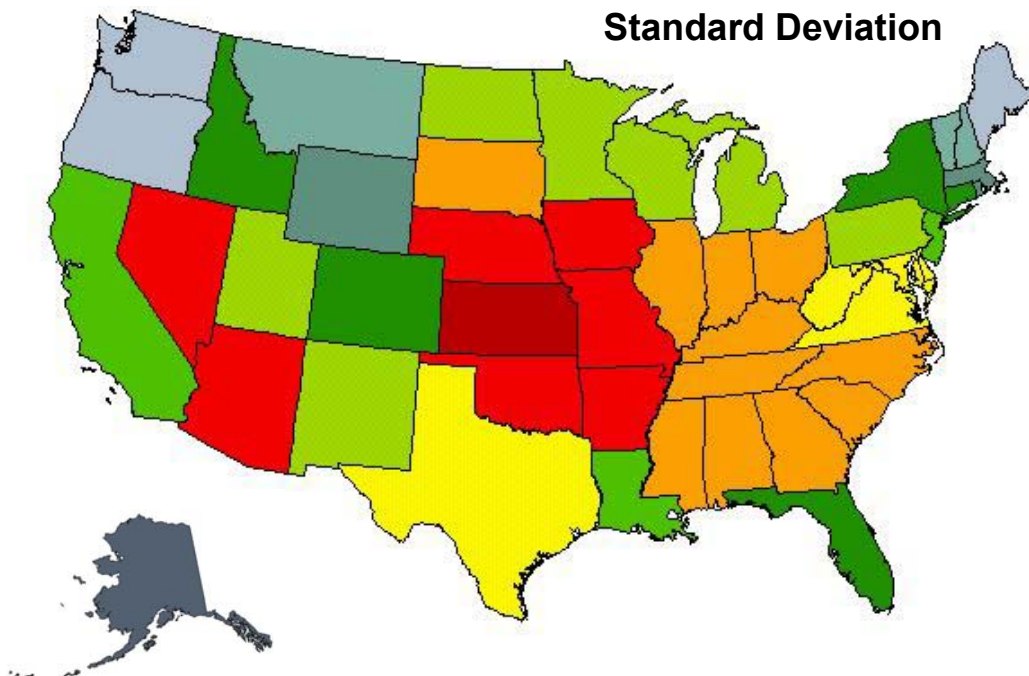
### Mean Value



### Legend



### Standard Deviation

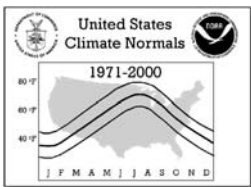


National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: June  
Period: 1931-2000  
Element: CDD

Map/Legend in Color

Map Page 47

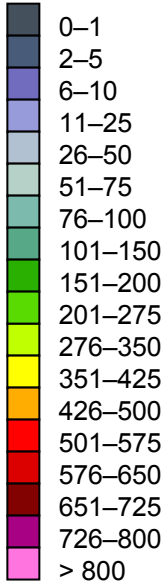


# State Normals Maps

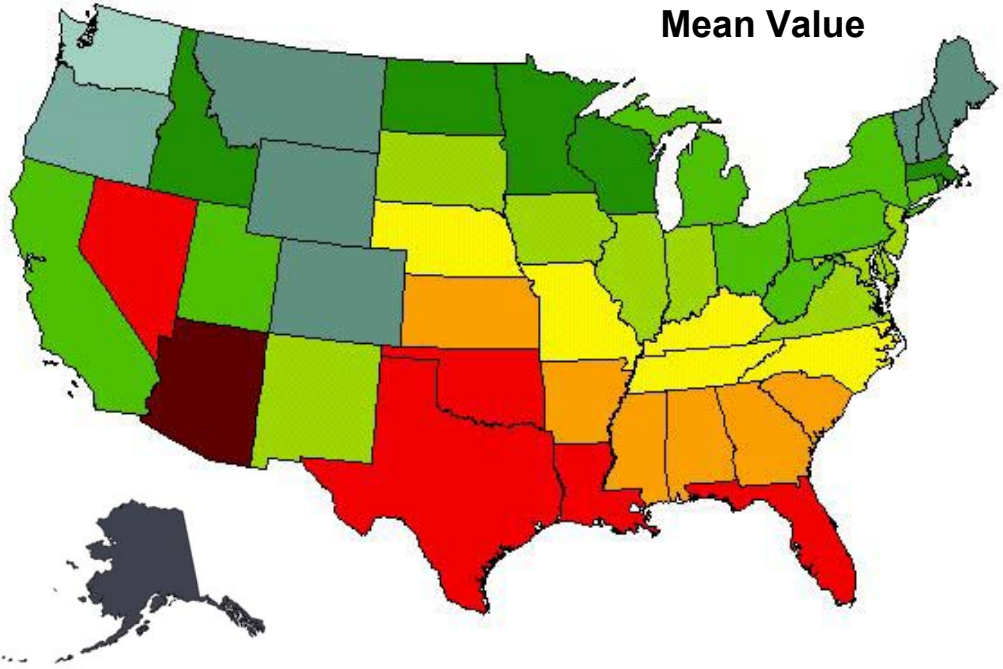
## HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

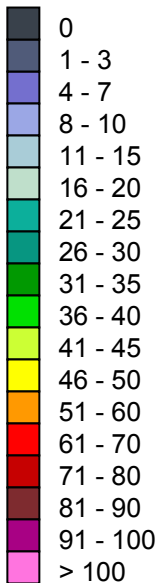
### Legend



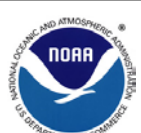
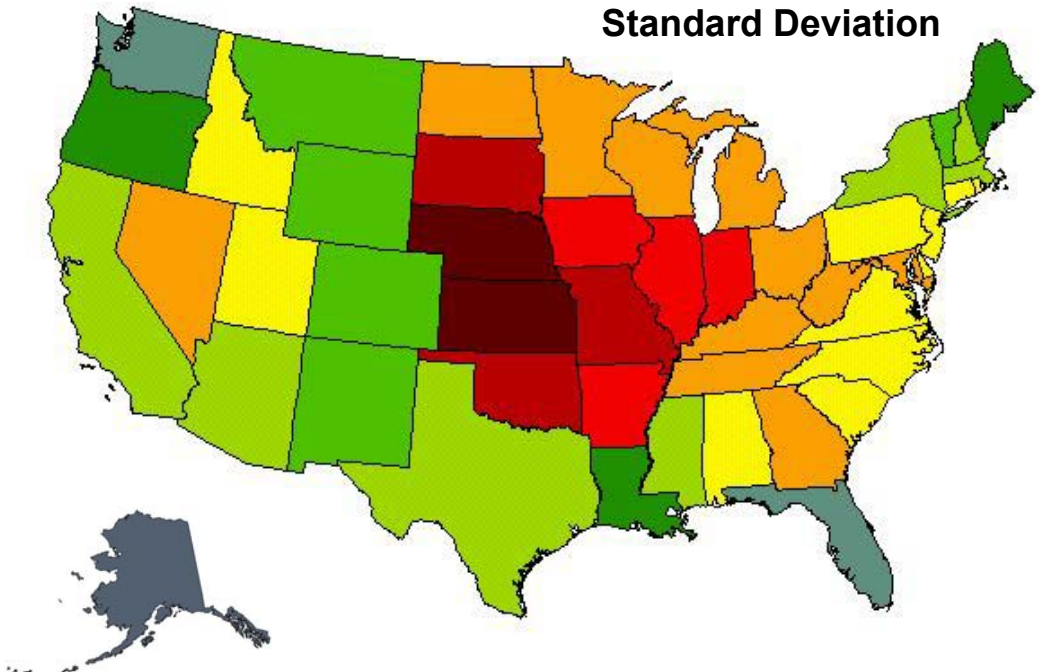
### Mean Value



### Legend



### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: July  
Period: 1931-2000  
Element: CDD

Map/Legend in Color

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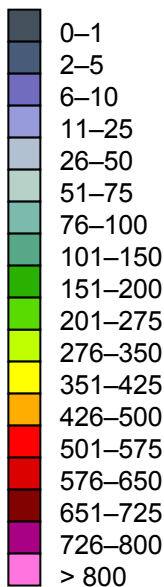


# State Normals Maps

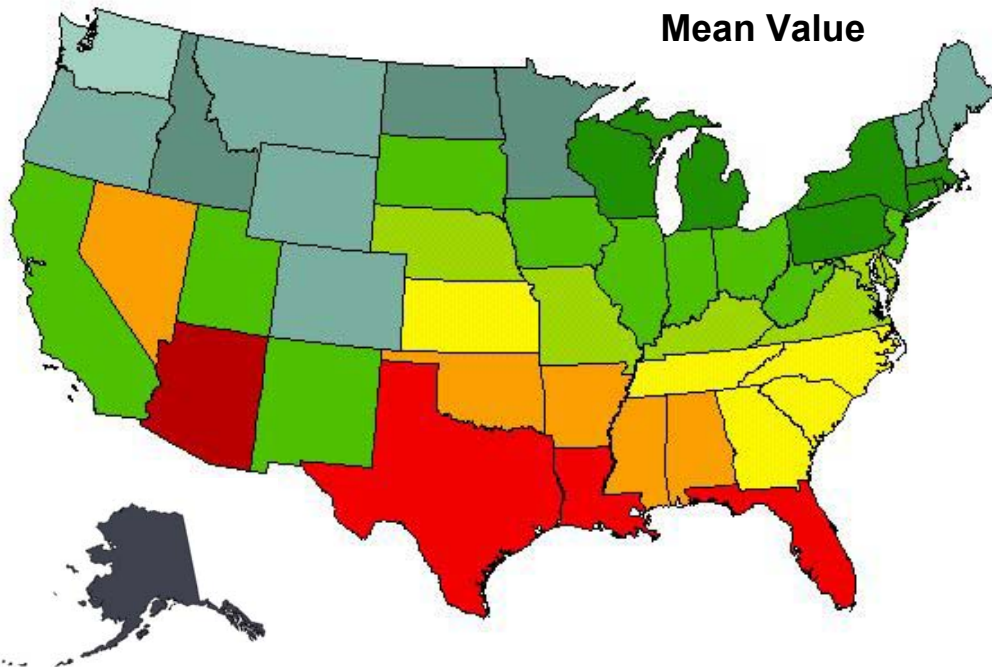
## HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

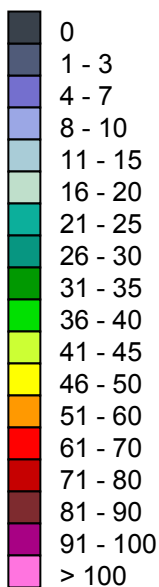
### Legend



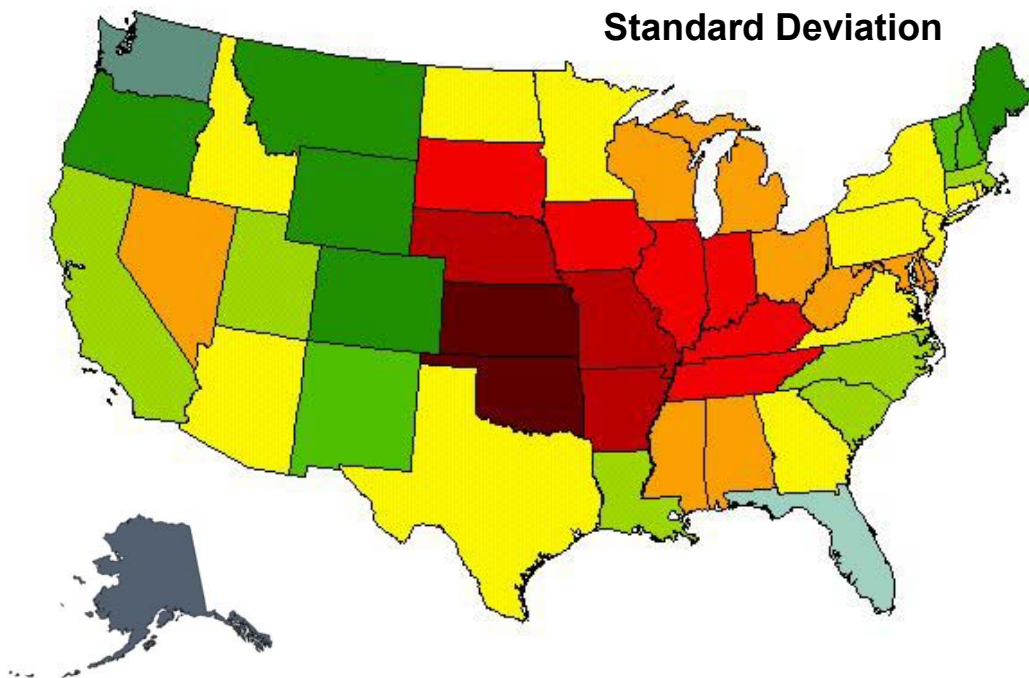
### Mean Value



### Legend



### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: **August**  
Period: 1931-2000  
Element: CDD

Map/Legend in Color

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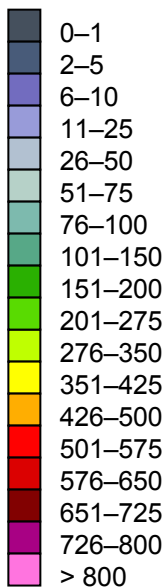


# State Normals Maps

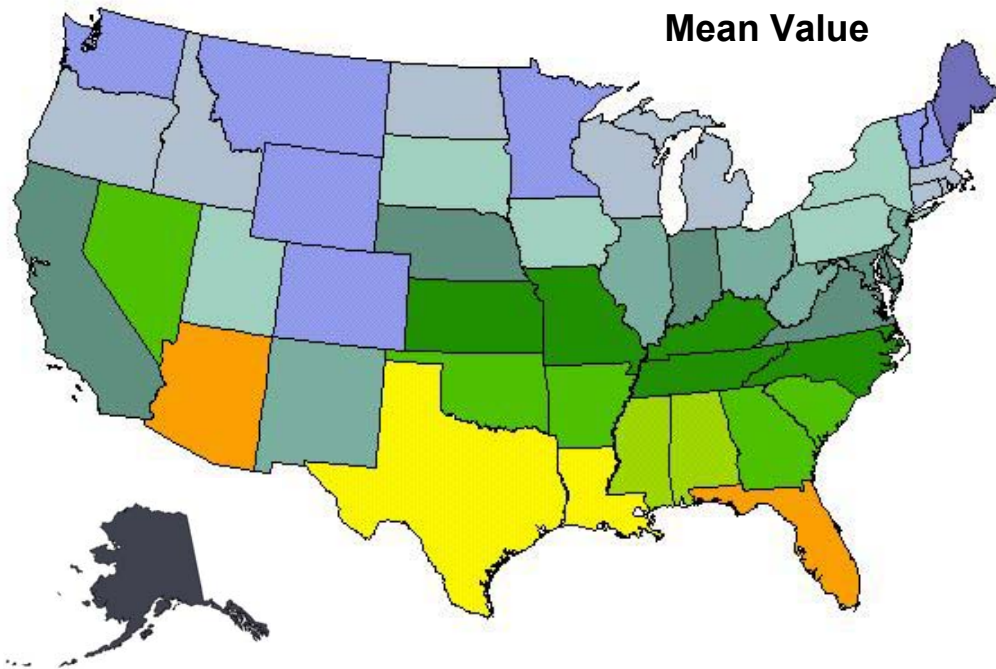
## HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

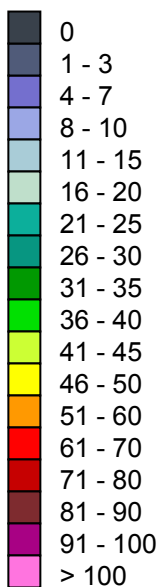
### Legend



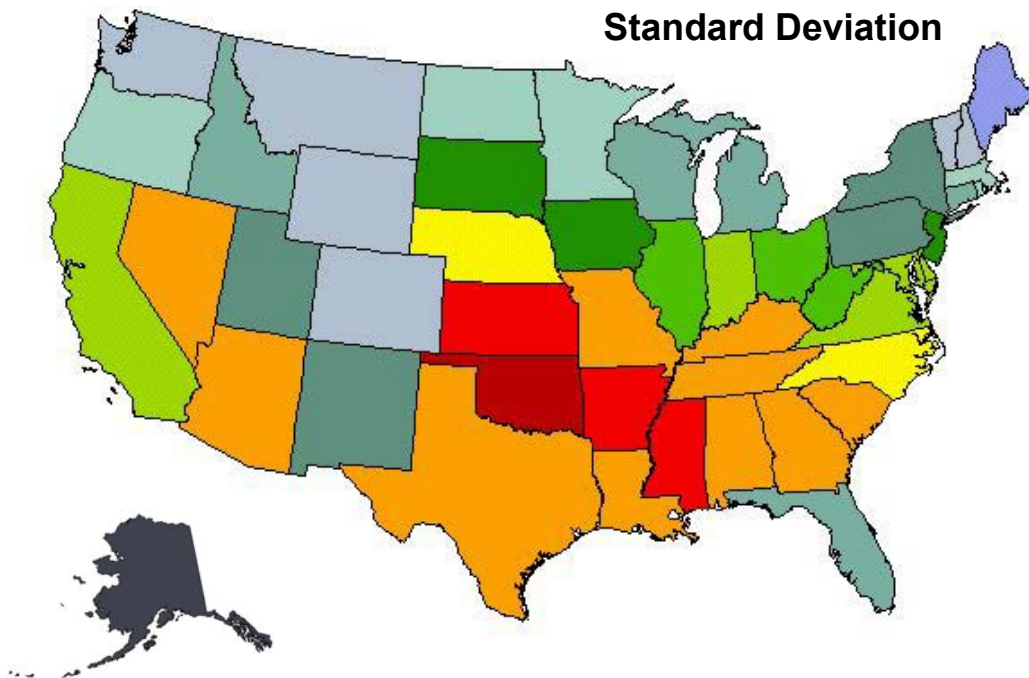
### Mean Value



### Legend



### Standard Deviation

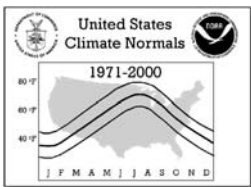


National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: **September**  
Period: 1931-2000  
Element: CDD

Map/Legend in Color

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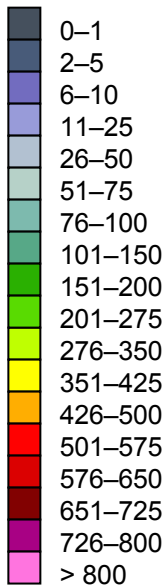


# State Normals Maps

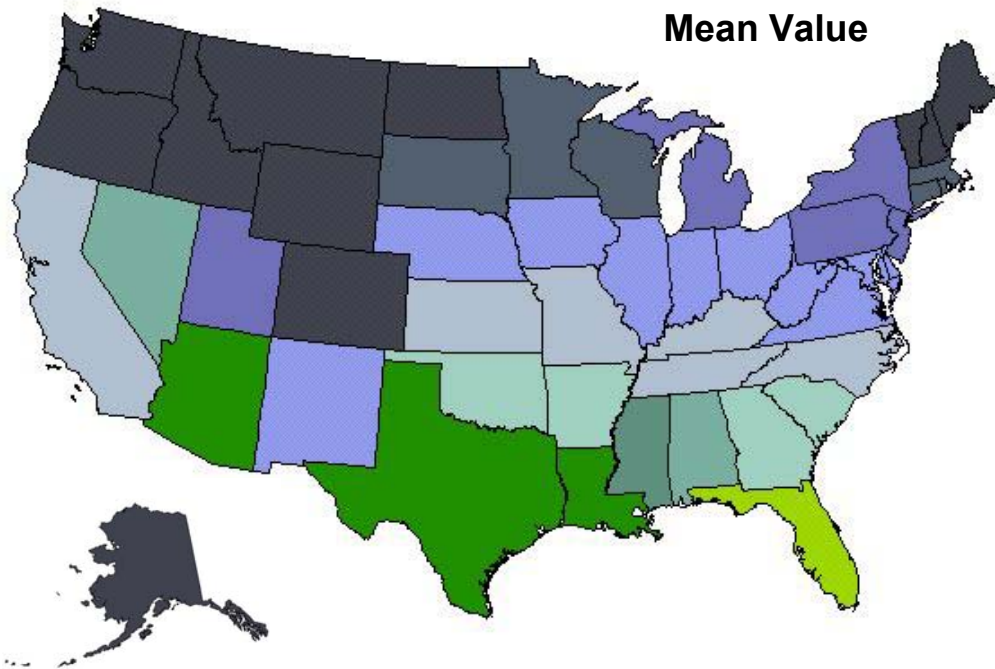
HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

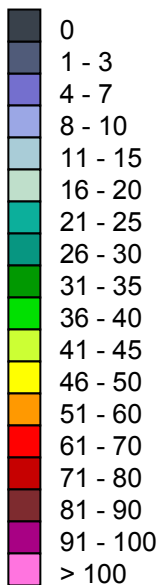
## Legend



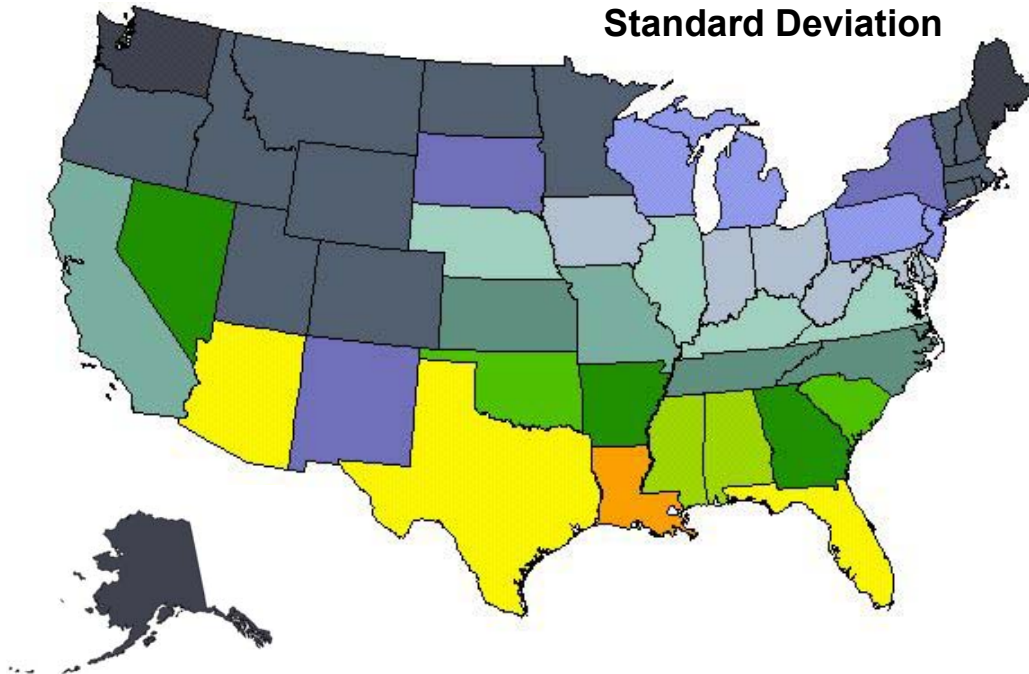
## Mean Value



## Legend



## Standard Deviation



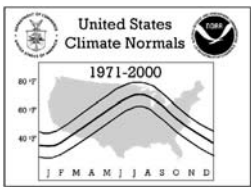
National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: **October**  
Period: 1931-2000  
Element: CDD

Map/Legend in Color

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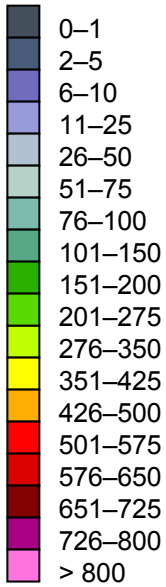


## State Normals Maps

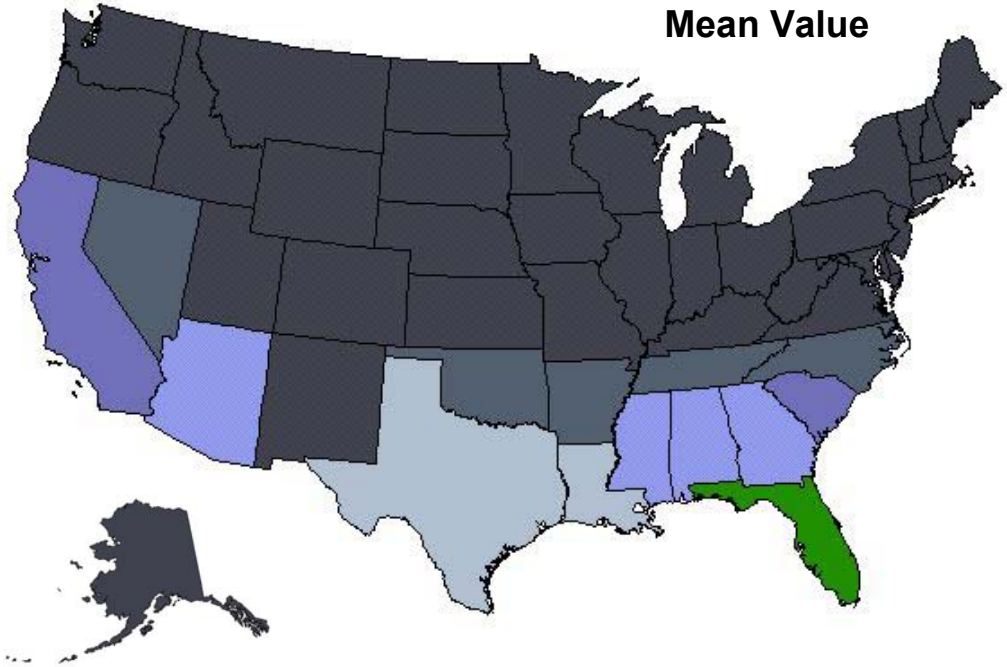
### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

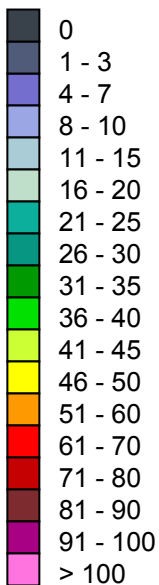
#### Legend



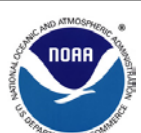
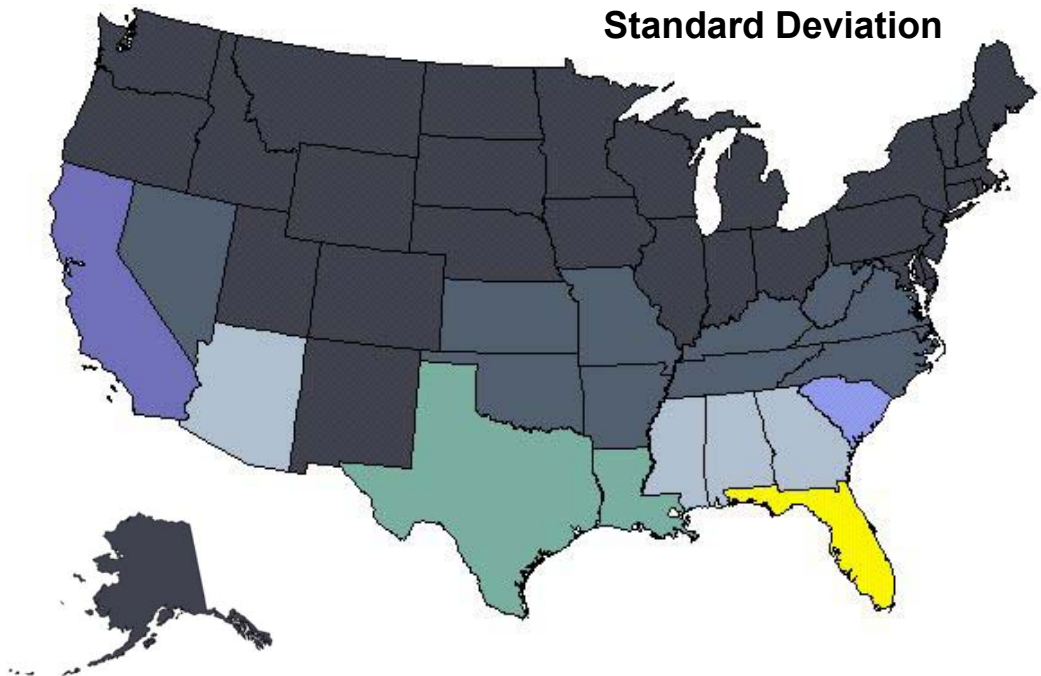
#### Mean Value



#### Legend



#### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: **November**  
Period: 1931-2000  
Element: CDD

Map/Legend in Color

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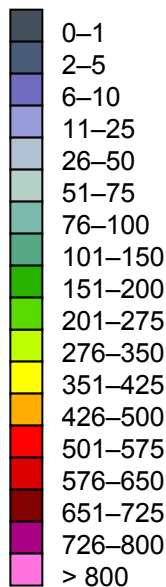


## State Normals Maps

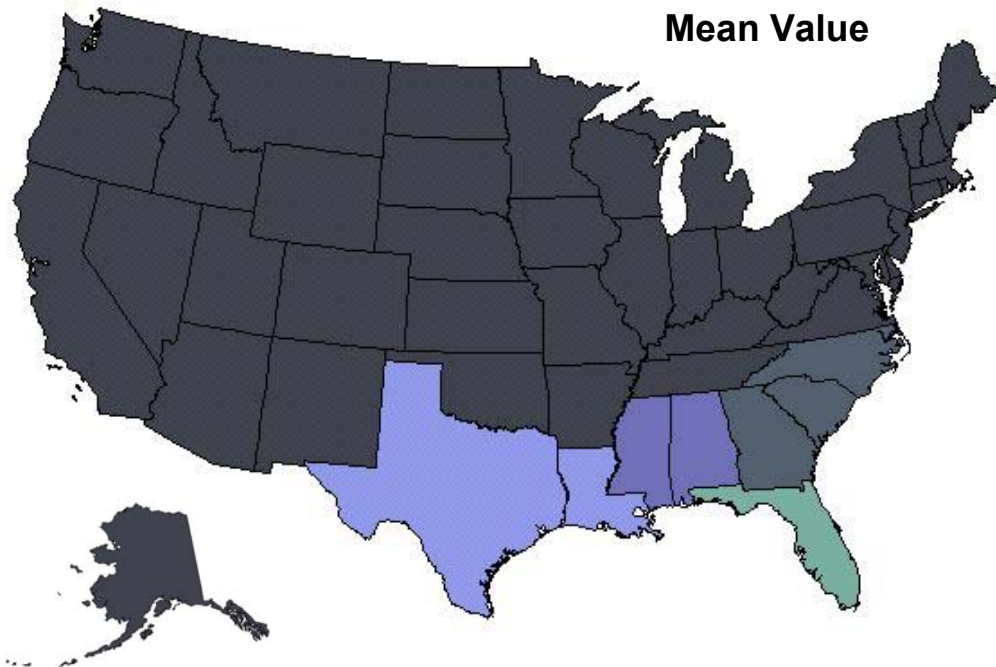
### HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

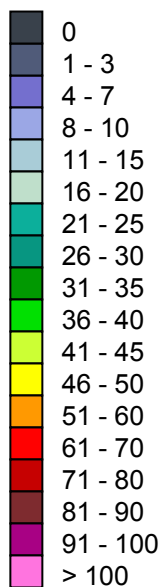
#### Legend



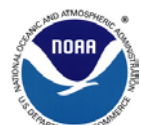
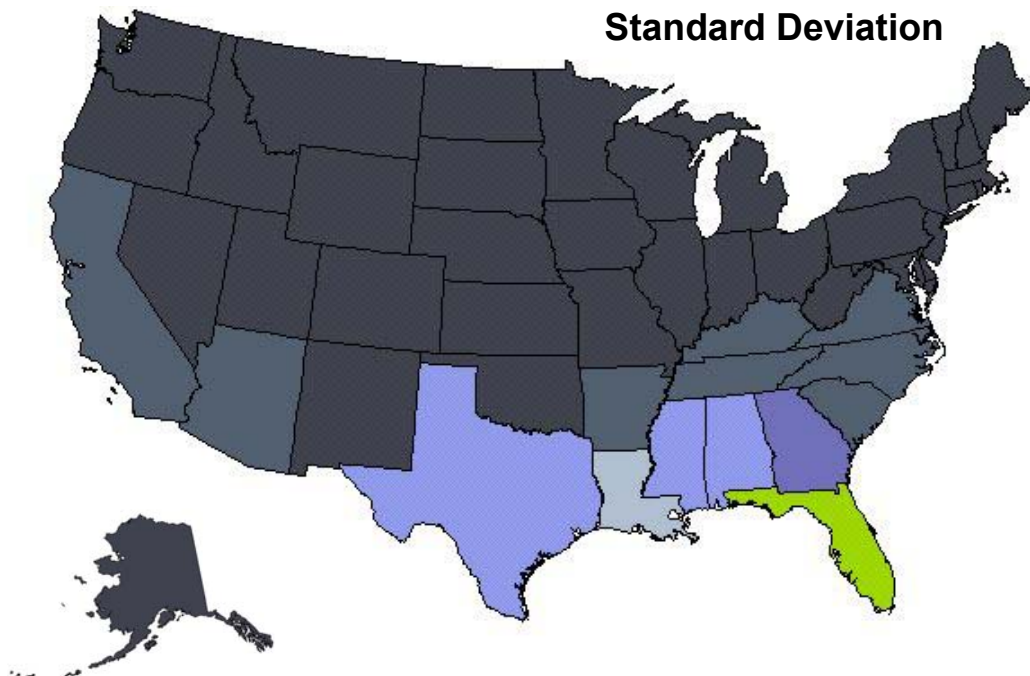
#### Mean Value



#### Legend



#### Standard Deviation

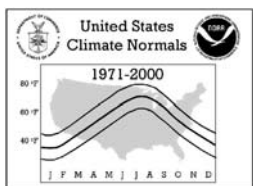


National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: **December**  
Period: 1931-2000  
Element: CDD

Map/Legend in Color

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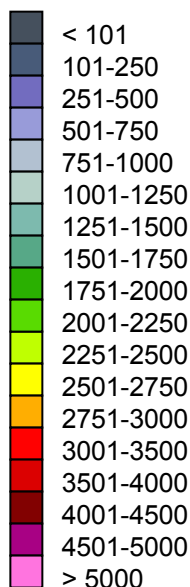


## State Normals Maps

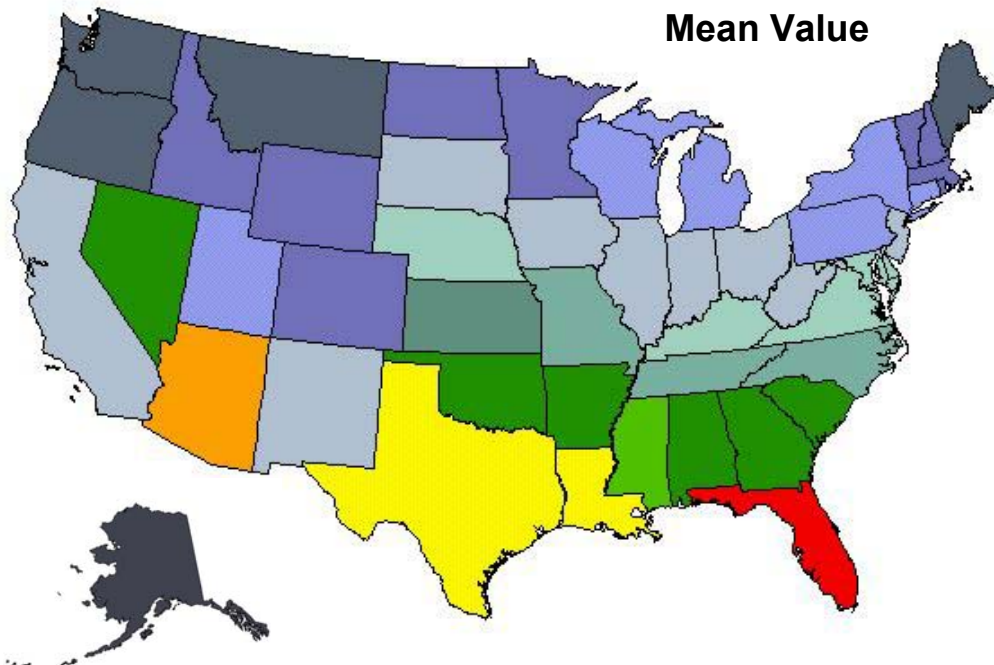
HISTORICAL CLIMATOGRAPHY SERIES 4-1/2; 5-1/2

Temperature (°F), Precipitation (inches), and Heating and Cooling Degree Days

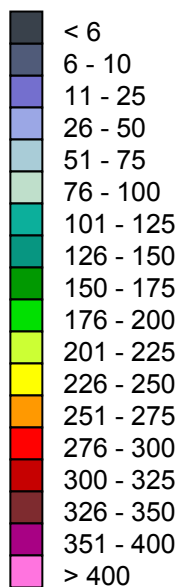
### Legend



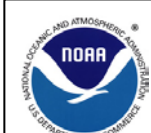
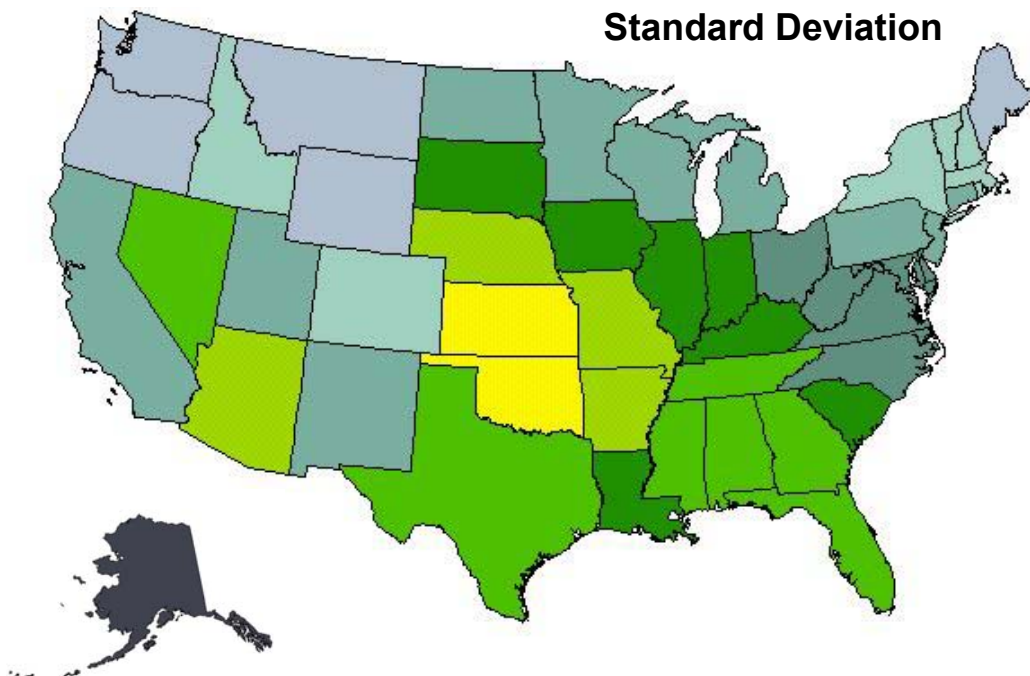
### Mean Value



### Legend



### Standard Deviation



National Climatic Data Center  
NESDIS/NOAA  
Asheville, North Carolina

Month: Annual  
Period: 1931-2000  
Element: CDD

Map/Legend in Color

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