ARIZONA STATE CLIMATE OFFICE

# Arizona Climate Summary October 2014 Summary of conditions for September 2014 

## September 2014 Temperature and Precipitation Summary

September $1^{\text {st }}-14^{\text {th }}:$ September began with clear skies, dry conditions and high temperatures as we continued in a monsoon "break" period where dry westerly flow dominated the state. The break began August $28^{\text {th }}$. Temperatures around the state peaked at 111 in Bullhead City, 109 in the Phoenix area, 104 in Tucson and 80 in Flagstaff. On the $4^{\text {th }}$, southerly flow returned, bringing moisture into the state and generally light rainfall to the higher elevations, though Wickenburg reported $0.30^{\prime \prime}$ on the $4^{\text {th }}$. As Tropical Storm Norbert moved up the coast of Mexico and Baja California on the $5^{\text {th }}$ and $6^{\text {th }}$, southwesterly winds transported the moisture over Arizona, and widespread heavy rainfall was forecast for the $5^{\text {th }}$ through the $8^{\text {th }}$ in southern Arizona. At the same time, an upper level low pressure system was moving toward the state. A first wave of precipitation moved into southern Arizona on the $5^{\text {th }}$ and $6^{\text {th }}$, with Douglas reporting $1.10^{\prime \prime}$ on the $5^{\text {th }}$ and Coronado National Monument reporting 1.13 " on the $6^{\text {th }}$. On the $8^{\text {th }}$, the skies opened up over south central Arizona with 1.93 " at Davis-Monthan AFB, 1.86" at Tucson Airport, 1.99 " in north Phoenix, 3.30 " at Phoenix Airport, 2.49 " at Scottsdale Airport, 2.14" at Carefree, 4.26" in East Mesa, 1.23" at Eloy, 2.80" at Lost Dutchman State Park, 1.22 " at Wickenburg, and 2.63" at Youngtown. Interstates 10 and 17 through Phoenix were flooded and closed during morning rush hour, as were many other roadways in the Phoenix area. Many schools, particularly in south Phoenix and Laveen were closed. Most of the rain fell in less than 6 hours, and Sky Harbor airport set a new 24-hour rainfall record at 3.30 ". On the $9^{\text {th }}$, Yuma Red Bluff reported 1.95 " and Yuma Airport reported 1.44 ". The entire storm brought 0.76 " to Prescott and 0.67 " to Flagstaff. Conditions dried out slightly over the next few days, returning to typical monsoon activity with scattered showers around the state. Bisbee had $0.10^{\prime \prime}$ on the $12^{\text {th }}$ and on the $13^{\text {th }}$ Sonora Desert Museum had 0.31 " and Safford had 0.26 ", and on the $14^{\text {th }}$ Navajo National Monument had 0.01 ", with dry conditions elsewhere.

September $15^{\text {th }}-30^{\text {th }}$ : The monsoon ramped back up on the $15^{\text {th }}$ with thunderstorm activity in northern and eastern Arizona. On the $15^{\text {th }}$, Williams had 0.58 ", Springerville had $0.62^{\prime \prime}$, Grand Canyon North Rim had 0.53 ", Window Rock had 0.29 ", and Organ Pipe Cactus NM in southern Arizona had 0.50 ". On the $16^{\text {th }}$, Safford had $0.41^{\prime \prime}$. By the $17^{\text {th }}$, moisture from Hurricane Odile was moving into the state as the hurricane had moved across Baja California and weakened into a tropical storm moving up the Gulf of California. Once again there was widespread flooding as torrential rainfall hit southern Arizona, with Coronado National Monument receiving 1.29", Bisbee had 1.25", Safford had 0.94", Nogales had 1.37", and Elgin had 0.91 " on the $17^{\text {th }}$. On the $18^{\text {th }}$, Bisbee-Douglas had 2.46", Elgin 1.89 ", Nogales 0.93 ", Bisbee 3.90", and Coronado National Monument had 3.10". Moisture remained for the next few days bringing continued thunderstorms to the southeastern counties through the $23^{\text {rd }}$. High pressure returned for the $24^{\text {th }}$ and $25^{\text {th }}$, with dry conditions. But a strong low pressure system moved into California on the $25^{\text {th }}$, pushing into Arizona by the $27^{\text {th }}$. Moisture from tropical storms Polo and Rachael interacted with the cold front and dumped another round of heavy rainfall on western, central and northern Arizona on the $27^{\text {th }}$. On the $27^{\text {th }}$ Pinnacle Peak had $1.15^{\prime \prime}$, Phantom Ranch in the Grand Canyon had $0.85^{\prime \prime}$, Valle had $0.88^{\prime \prime}$, Payson had 1.87 ", North Rim of Grand Canyon had 1.14", Bellemont had 1.12", Lost Dutchman State Park had 1.96", Scottsdale had 1.10", Prescott had 1.34", Phoenix had 1.66", Deer Valley in north Phoenix had 1.53", Youngtown had 1.30", Carefree had 1.89", Flagstaff had 1.27", and Petrified Forest had 1.09". The storm also brought widespread street flooding and downed trees and power lines. By the $29^{\text {th }}$, dry westerly flow returned and the monsoon season came to an end.
In This Issue: Overview of September, graphs of the September daily maximum and minimum temperatures, precipitation, mean daily dew points for Flagstaff, Phoenix, and Tucson; September climate statistics, maps of mean monthly maximum and minimum temperatures, precipitation, dew points, wind speeds for September; and graphs of the mean September temperature and precipitation for the period of record for Tucson, Phoenix, and Flagstaff, graphs of the cumulative precipitation for the calendar year for Flagstaff, Phoenix, and Tucson. Climate calendars for Flagstaff, Phoenix, Tucson, Prescott, Winslow and Yuma, including daily and monthly normals and extremes, for each month of the year, can be downloaded directly from the State Climate website. See p. 19 of this report for calendar abbreviations.

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Data are preliminary and are from the National Weather Service Forecast Offices in Flagstaff, Phoenix and Tucson. **Note: The discrepancy between the Statewide Temperature and Precipitation values for Phoenix, Flagstaff and Tucson and the daily values in their graphs are due to the reporting times. Statewide Temperature and Precipitation values are taken at 5pm, while official daily records at the airports are taken from Midnight to Midnight.
September 2014 Daily Temperature, Precipitation, \& Dew Point for Flagstaff, Phoenix, and Tucson



## FLAGSTAFF CLIMATE STATISTICS

This September was the $23^{\text {rd }}$ warmest and $27^{\text {th }}$ wettest on record.

| Avg Max Temp (F) | 73.5 | Normal | 72.9 |
| :--- | ---: | :---: | ---: |
| Avg Min Temp (F) | 45.5 | Normal | 42.0 |
| Avg Mean Temp (F) | 59.5 | Normal | 57.4 |
| Departure from Normal (F) | +2.1 |  |  |

Highest Monthly Avg Temp (F) 62.1 in 1947
Lowest Monthly Avg Temp (F) 52.3 in 1912
Highest Temp this month (F): 80 on $1^{\text {st }}, 2^{\text {nd }}, 10^{\text {th }}$
Lowest Temp this month (F): 32 on $29^{\text {th }}, 30^{\text {th }}$
Record High (F): $\quad 91$ on 09/01,02,03/1948
Record Low (F): $\quad 20$ on 09/22/1912
Temperature or precipitation records this month:
$27^{\text {th }}$ HiMin of 49 tied, first set in 1977
Flagstaff Number of Days of:
Minimum Temp $50^{\circ} \mathrm{F}$ or higher 5
Minimum Temp $40^{\circ} \mathrm{F}$ or lower 4

Maximum Temp $80^{\circ} \mathrm{F}$ or higher 3
Maximum Temp $70^{\circ} \mathrm{F}$ or lower 8
Heating Degree Days 158 Normal 229
Cooling Degree Days 0 Normal 3
Degree base $65^{\circ} \mathrm{F}$

| Total September Precipitation | $3.10 "$ |
| :--- | :---: |
| Normal September Precipitation | $2.38 "$ |
| Departure from normal | $0.72 "$ |
| Greatest 24-Hr Precipitation | $0.94 "$ |
| Total Precipitation Year-to-Date | $09 / 26-27$ |
| Departure from Normal | $15.94 "$ |
|  | $-0.63 "$ |


| Number of Days: |  |
| :--- | ---: |
| Clear | 20 |
| Partly Cloudy | 9 |
| Cloudy | 1 |

Greatest September Precipitation $6.75 "$ in 1983
Least September Precipitation T-1957. 1973, 1992
Average Wind Speed 4.4 mph
Highest Peak Gust $\quad 38 \mathrm{mph}$ from $200^{\circ}$ on $28^{\text {th }}$

## PHOENIX CLIMATE STATISTICS

September 2014

This September was the $18^{\text {th }}$ warmest and $2^{\text {nd }}$ wettest on record.

Avg Max Temp(F) 99.2 Normal 99.8
Avg Min Temp(F) $\quad 78.8$ Normal 76.9
Avg Mean Temp (F) 89.0 Normal 88.4
Departure from Normal (F) +0.6
Highest Monthly Avg Temp (F) 92.2 in 2001
Lowest Monthly Avg Temp (F) 78.9 in 1900
Highest Temp this month (F): 109 on $2^{\text {nd }}$
Lowest Temp this month (F): 66 on $30^{\text {th }}$
Record High (F): 113 on 09/05/1945
Record Low (F): 47 on 09/20-21/1965, 9/22/1895

Temperature or precipitation records this month:
$8^{\text {th }}$ Precip 3.30 " set, previous record 0.48 " in 1933
$15^{\text {th }}$ HiMin 87 tied, first set in 1969
$26^{\text {th }}$ HiMin 82 tied, first set in 2010
$27^{\text {th }}$ Precip 1.64 " set, previous record $0.50 "$ in 1977
Phoenix Number of Days of:
Minimum Temp $70^{\circ} \mathrm{F}$ or lower 3
Minimum Temp $80^{\circ} \mathrm{F}$ or higher 17
Maximum Temp $90^{\circ} \mathrm{F}$ or lower 4
Maximum Temp $105^{\circ} \mathrm{F}$ or higher 6

Heating Degree Days 0 Normal 0
Cooling Degree Days 728 Normal 700
Degree base $65^{\circ} \mathrm{F}$

| Total September Precipitation | $5.11 "$ |  |  |
| :--- | :---: | :--- | :--- |
| Normal September Precipitation | $0.64 "$ | Greatest September Precipitation | $5.41 "$ in 1939 |
| Departure from normal | $4.47 "$ | Least September Precipitation | $0.00 "$ in 1906, |
| Greatest 24-Hr Precipitation (Record) | $3.30 "$ on $9 / 08$ | 1973 , and 14 other years |  |
| Total Precipitation Year-to-Date | $7.33 "$ |  |  |
| Departure from Normal | $+1.41 "$ |  | Average Wind Speed 6.3 mph |
|  |  | Highest Peak Gust 66 mph from $260^{\circ}$ on $27^{\text {th }}$ |  |

Number of Days:
Clear 17
Partly Cloudy 11
Cloudy

## TUCSON CLIMATE STATISTICS

September 2014

This September was the $20^{\text {th }}$ warmest and $16^{\text {th }}$ wettest.

Avg Max Temp(F) 93.4 Normal 94.5
Avg Min Temp(F) 72.2 Normal 68.6
Avg Mean Temp(F) 82.8 Normal 81.6
Departure from Normal (F) +1.2
Highest Monthly Avg Temp (F) 84.8 in 2000
Lowest Monthly Avg Temp (F) 76.3 in 1964
Highest Temp this month (F): 104 on $2^{\text {nd }}$
Lowest Temp this month (F): 59 on $30^{\text {th }}$
Record High (F): 107 on 09/10,11/1990, 9/14/2000
Record Low (F): 43 on 09/26/1913
Temperature or precipitation records this month:
$8^{\text {th }}$ Precip 1.84" set, previous record 0.94 " in 1919
$15^{\text {th }}$ HiMin 79 tied, first set in 2000
Tucson Number of Days of:
Minimum Temp $70^{\circ} \mathrm{F}$ or lower 7
Minimum Temp $75^{\circ} \mathrm{F}$ or higher 5
Maximum Temp $90^{\circ} \mathrm{F}$ or lower 8
Maximum Temp $100^{\circ} \mathrm{F}$ or higher 4
Heating Degree Days
Cooling Degree Days
0 Normal 0
Degree base $65^{\circ} \mathrm{F}$

| Total September Precipitation | $2.76 "$ |
| :--- | ---: |
| Normal September Precipitation | $1.29 "$ |
| Departure from normal | $+1.47 "$ |
| Greatest 24-Hr Precipitation | $1.86 "$ on $09 / 7-8$ |
| Total Precipitation Year-to-Date | $6.69 "$ |
| Departure from Normal | $-2.51 "$ |

Greatest September Precipitation 5.60 " in 2011 Least September Precipitation 0.00 " in 1898, 1953 and 4 other years

## Number of Days:

| Clear | 22 |
| :--- | ---: |
| Partly Cloudy | 3 |
| Cloudy | 1 |

Average Wind Speed 7.2 mph
Highest Peak Gust $\quad 40 \mathrm{mph}$ from $120^{\circ}$ on $13^{\text {th }}$
Data are from the National Weather Service and the
National Climatic Data Center and are preliminary.

| Wind Speeds: |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Day <br> (mph) | Phoenix |  | Flagstaff |  | Tucson |  |
|  | Avg | Max | Avg | Max | Avg | Max |
| 1 | 6.4 | 16 | 5.2 | 25 | 6.6 | 20 |
| 2 | 5.3 | 17 | 4.7 | 23 | 6.1 | 20 |
| 3 | 5.4 | 14 | 6.7 | 32 | 6.8 | 27 |
| 4 | 7.9 | 32 | 4.1 | 20 | 8.2 | 37 |
| 5 | 5.7 | 17 | 3.2 | 22 | 5.6 | 16 |
| 6 | 9.5 | 38 | 2.5 | 20 | 5.4 | 32 |
| 7 | 7.9 | 27 | 3.6 | 22 | 9.5 | 27 |
| 8 | 8.1 | 37 | 6.5 | 20 | 4.6 | 15 |
| 9 | 5.9 | 24 | 11 | 30 | 5 | 18 |
| 10 | 3.8 | 14 | 2.5 | 19 | 5.6 | 15 |
| 11 | 5.5 | 17 | 2.7 | 18 | 6.2 | 19 |
| 12 | 6.4 | 22 | 2.3 | 16 | 5 | 36 |
| 13 | 9.6 | 28 | 2.3 | 16 | 16.2 | 40 |
| 14 | 6.1 | 20 | 3.3 | 19 | 10.9 | 34 |
| 15 | 6.9 | 21 | 3.1 | 19 | 9.9 | 27 |
| 16 | 10.4 | 28 | 3.2 | 23 | 8.4 | 27 |
| 17 | 8.1 | 23 | 3.6 | 23 | 8.9 | 25 |
| 18 | 4.8 | 16 | 3.2 | 17 | 3.8 | 14 |
| 19 | 4.7 | 17 | 2.8 | 14 | 3.7 | 18 |
| 20 | 5.4 | 20 | 3.3 | 23 | 5.6 | 19 |
| 21 | 5 | 18 | 5.7 | 24 | 6.2 | 25 |
| 22 | 5.5 | 19 | 3.7 | 25 | 6.6 | 19 |
| 23 | 4.5 | 21 | 2.9 | 21 | 6.8 | 22 |
| 24 | 3.6 | 17 | 1.8 | 15 | 6.8 | 21 |
| 25 | 5.6 | 15 | 4.9 | 24 | 9 | 23 |
| 26 | 6 | 27 | 5.8 | 25 | 7.6 | 22 |
| 27 | 10.8 | 66 | 7.6 | 33 | 11.9 | 31 |
| 28 | 5.8 | 21 | 9.6 | 38 | 8.5 | 27 |
| 29 | 4.2 | 12 | 4.5 | 25 | 4.6 | 23 |
| 30 | 4.6 | 16 | 4.7 | 21 | 5.6 | 20 |

Dew Points for September:
Daily Average Dew Point ( ${ }^{0} \mathrm{~F}$ ):

| Day | Phx | Tuc | Flg |
| :--- | :--- | :--- | :--- |
| 1 | 44 | 47 | 38 |


| 2 | 46 | 49 | 36 |
| :--- | :--- | :--- | :--- |


| 3 | 51 | 50 | 44 |
| :--- | :--- | :--- | :--- |
| 4 | 57 | 59 | 46 |


| 5 | 61 | 65 | 48 |
| :--- | :--- | :--- | :--- |


| 6 | 61 | 61 | 51 |
| :--- | :--- | :--- | :--- |


| 7 | 68 | 69 | 54 |
| :--- | :--- | :--- | :--- |


| 8 | 68 | 65 | 54 |
| :--- | :--- | :--- | :--- |


| 9 | 69 | 61 | 48 |
| :--- | :--- | :--- | :--- |


| 10 | 63 | 57 | 42 |
| :--- | :--- | :--- | :--- |


| 11 | 58 | 56 | 37 |
| :--- | :--- | :--- | :--- |

$12 \quad 58 \quad 57 \quad 41$

| 13 | 57 | 56 | 43 |
| :--- | :--- | :--- | :--- |

$14 \quad 58 \quad 56 \quad 46$

| 15 | 64 | 62 | 49 |
| :--- | :--- | :--- | :--- |

$16 \quad 64 \quad 66 \quad 53$

| 17 | 64 | 66 | 51 |
| :--- | :--- | :--- | :--- |


| 18 | 67 | 67 | 54 |
| :--- | :--- | :--- | :--- |


| 19 | 64 | 67 | 51 |
| :--- | :--- | :--- | :--- |

$20 \quad 59 \quad 64 \quad 52$
$21 \quad 58 \quad 62 \quad 47$

| 22 | 53 | 61 | 43 |
| :--- | :--- | :--- | :--- |

$23 \quad 48 \quad 57 \quad 41$
$24 \quad 54 \quad 58 \quad 43$
$25 \quad 59 \quad 59 \quad 45$
$26 \quad 62 \quad 58 \quad 50$

| 27 | 63 | 60 | 45 |
| :--- | :--- | :--- | :--- |


| 28 | 57 | 58 | 37 |
| :--- | :--- | :--- | :--- |


| 29 | 48 | 44 | 33 |
| :--- | :--- | :--- | :--- |

$30 \quad 46 \quad 36 \quad 32$



The lowest minimum temperature was $20^{\circ} \mathrm{F}$ at Fort Valley, and the highest minimum was $75^{\circ} \mathrm{F}$ at Ehrenberg. The lowest maximum temperature of $68^{\circ} \mathrm{F}$ was recorded at Snowslide Canyon, while the highest maximum temperature of $114^{\circ} \mathrm{F}$ was reported at Yuma. The lowest rainfall amount was 0.00 " at several stations in Arizona and the highest was $10.45^{\prime \prime}$ at Bisbee. The lowest dew point was $43^{\circ} \mathrm{F}$ at Flagstaff and the highest was $67^{\circ} \mathrm{F}$ at Parker. The highest peak wind gust was 50 mph at Mohave.


September 2014
The highest average minimum temperature was $81^{\circ} \mathrm{F}$ at Yuma and the lowest average minimum temperature was $40^{\circ} \mathrm{F}$ at Sunrise Mountain. The highest average maximum temperature was $108^{\circ} \mathrm{F}$ at Ehrenberg and lowest average maximum temperature was $60^{\circ} \mathrm{F}$ at Snowslide Canyon.


Av. Mir. Temperature dep from Ave (deg. F)


Generated $10 / 01 / 2014$ at wRCC using provisional data.
NOAA Regional Climate Centers

Av. Max. Temperature dep from Ave (deg F)


|  |  | 10 | -8 | -6 | -4 | -2 | 0 | 1 | 1 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Generated 10/01/2014 at wRCC using provisional data.
NOAA Reqional Climate Centers

Percent of Average Precipitation (\%)
9/1/2014-9/30/2014

 NOAA Reqional Climate Centers

September minimum temperatures were $0-4^{\circ} \mathrm{F}$ warmer than normal statewide with cooler than average temperatures near the Gila, Pinal, Graham county borders. Daytime temperatures were $0-6^{\circ} \mathrm{F}$ cooler than normal in southern Arizona, and $0-4^{\circ} \mathrm{F}$ warmer than normal in northern and western Arizona.
September precipitation was much higher than normal across most of the state. Exceptions were in Graham County, southern Pima, eastern Yuma and Coconino, and northern Navajo counties.


| 25 | 30 | 35 | 40 | 45 | 1 | 1 | 1 | 1 |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | Generated 10/01/2014 ot wRCC using provisional data. NOAA Regional Climate Centers



| 60 | 1 | 65 | 70 | 75 | 80 | 1 | 1 | 1 | 1 | 1 | 1 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | Generated 10/01/2014 ot WRCC using provisional data. NOAA Reqional Climate Centers

Total Precipitation (in.) 1/1/2014-9/30/2014


| 0.1 | 0.75 | 1.5 | 3 | 6 | 9 | 1 | 1 | 15 | 18 |  | 21 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 10 |  |  |  |  |  |  |  |  |  |  |  | Generated $10 / 01 / 2014$ at wRCC using provisional data. NOAA Reqional Clímate Centers

Av. Min. Temperature dep from Ave (deg. F)


Generated $10 / 01 / 2014$ ot wrCC using provisional data. NOLA Regional Climate Centers

Av. Max. Temperature dep from Ave (deg F)

 NOAA Reqional Clímate Centers

 NOKA Reqional Climate Centers

Calendar Year 2014
Calendar year minimum temperatures were within $2^{\circ} \mathrm{F}$ of normal statewide with the coolest temperatures in Apache County and the warmest in Gila County. Daytime highs have been 0 to $3^{\circ} \mathrm{F}$ warmer than normal statewide, though western Pinal County has been slightly cooler than normal. Precipitation so far this year has been less than $90 \%$ of normal in eastern Arizona, and greater than $100 \%$ of normal in west central Arizona. Mohave County has seen both wetter than normal and drier than normal conditions.


| 25 | 30 | 35 | 40 | 45 | 50 | 1 | 1 | 1 |  | 750 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | GOA4 Red 10/01/2014 ot wRCC using provisional data.

NOAA Regional Climate Centers

Av. Max. Temperature (deg. F)


| 60 | 65 | 70 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 80 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | Generated 10/01/2014 at WRCC using provisional data.

Total Precipitation (in.)
$10 / 1 / 2013-9 / 30 / 2014$


|  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 0.1 | 0.75 | 1.5 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | Generated 10/01/2014 at wRCC using provisional data. NOAA Reqional Climate Centers



## 2014 Water Year

Minimum temperatures statewide have been within $2^{\circ} \mathrm{F}$ of normal. The cooler temperatures were on the eastern Colorado Plateau and western Coconino County. Daytime temperatures have also been within $2^{\circ} \mathrm{F}$ of normal across most of the state, with the northeastern corner and western Pinal County 0 to $3^{\circ} \mathrm{F}$ cooler than normal. Many areas of the state ended the water year at less than $80 \%$ of normal precipitation, particularly the Mogollon Rim and much of Coconino County. Wetter than normal conditions, due to a wet monsoon season, exist in southwestern Arizona and east central Mohave County.



## 2014 Cumulative Precipitation Graphs - Flagstaff, Phoenix and Tucson:

Flagstaff is now near average while Phoenix is much wetter than average and Tucson is 2.5 " below average.





The downloadable normals and extremes calendars use the following abbreviations:
NORM = 30 year (1971-2000) average value (degrees Fahrenheit (F))
OBS = The temperature observation for that day this year
AVG = Average daily temperature
HI MAX = Highest maximum temperature for that day (F)
LO MAX = Lowest maximum temperature for that day ( F )
LO MIN = Lowest minimum temperature for that day (F)
HI MIN = Highest minimum temperature for that day (F)
Mx PCP = Maximum precipitation for that day (inches)
Mx SNO = Maximum snowfall for that day (inches)

