



# NEVADA CLIMATE SUMMARY

Quarterly Summary  
October \* November \* December  
Volume 28, Number 1

**\*Public review for the proposed Nevada State Drought Plan ([www.climate@unr.edu](http://www.climate@unr.edu)) is open through Monday, March 26, 2012, at 5pm. Please email your comments to the proposed plan to: [climate@unr.edu](mailto:climate@unr.edu) or [kberry@unr.edu](mailto:kberry@unr.edu)**

## October-December 2011 CONDITIONS

By Jeff Thompson

### *Western Nevada*

**October 2011** started on a cool, wet note, as storms swung down out of the Gulf of Alaska and delivered showery weather. All measureable October precipitation in western Nevada came in the first 10 October days. Following this progressive pattern, high pressure blocked further storm activity and delivered mild, dry weather for the remainder of the month. Overall, October ended up warmer and drier than average for the region. Most of the Reno total of 0.24" at the airport came on the 5<sup>th</sup>, with periods of light to moderate morning rain. Sierra snow was modest, with high snow levels. No measureable snowfall accumulation was noted with the early month storms at South Lake Tahoe.

**November 2011** was a windy, mainly dry month in western Nevada. Two strong storm systems struck the region, one early in the month and the second on the 18<sup>th</sup>. While most of the monthly precipitation, 0.04" came with the first storm; it was the second front that will forever be remembered in Reno. A 12-hour period of downslope pre-frontal wind with

gusts as high as 80 mph, struck the Sierra Front. This event sparked and drove the devastating Caughlin Fire through 2000 acres of southwest Reno. Finally with the arrival of the colder air and snow showers, the fire was contained. While precipitation was measureable, it was not considered enough, according to fire forecasters, to end the wildfire season. Between and following these storms, high pressure built over the region and brought warm, dry conditions.

**December 2011** was one of the driest Decembers in western Nevada in recorded history. A strong ridge of high pressure along the west coast blocked Pacific storms north into Alaska and left the region under a dry, northerly flow. Dry cold fronts dropped down from the North and reinforced chilly temperatures early in the month, and again just before Christmas. By New Year's Eve, milder weather pushed into the area, but only brought clouds. At Reno-Tahoe International Airport, no precipitation was recorded. The last time there was not even a trace measured in December in Reno was back in 1883, 128 years previous.

## *Eastern Nevada*

**October 2011** was warmer and much drier than average for central and eastern Nevada, drier than average in Winnemucca and Elko, and wetter than average in Ely. Warm air advection started the month on a toasty, pleasant note, before a sharp change arrived. A strong cold front produced valley rain, and up to a foot of mountain snow in Humboldt, Elko, and White Pine Counties. Mild conditions returned following unsettled first ten days of October. While a few weak low pressure systems clipped the region and stirred the wind, the rest of the month was fairly quiet weather-wise. Colder air dropped into central and eastern Nevada for the final week of October. While highs stayed mild, overnight low temperatures fell into the teens and twenties.

**November 2011** was drier than average at all major reporting stations across central and eastern Nevada. It was also cooler than average for most areas north of Highway 50. The month started on a stormy note, as a cold front spread rain and snow across the Elko County, then south into White Pine County, where lightning strikes were reported. Several systems followed through the first week of November. This kept early November unsettled. Following a brief return to mild, dry weather, the storm that delivered wind and showers to western Nevada on the 18<sup>th</sup>, did the same for central and eastern Nevada. Winnemucca recorded 0.21" of precipitation, along with 3.6" of snow following the front. The remainder of the month was mild and dry for most of the region. Ely was one of the wetter spots, but the reported 0.36" of precipitation was only 51% of average for November. Most of that total came in the 24-hour period of the 4<sup>th</sup>, when the 0.29" set a new daily maximum precipitation record.

**December 2011** was extremely dry across central and eastern Nevada, as a blocking ridge of high pressure kept significant storms from impacting the region. Mainly dry cold fronts dominated the month. December 2011 was the driest on record in Elko (trace), and the second driest on record in Winnemucca (0.01"). The wettest weather came early in the month in White Pine County, where 0.45" was recorded at Great Basin National Park, and 0.22" was measured at Ely. Temperatures were

colder than average for most of the region, running some 1-5 degrees below normal.

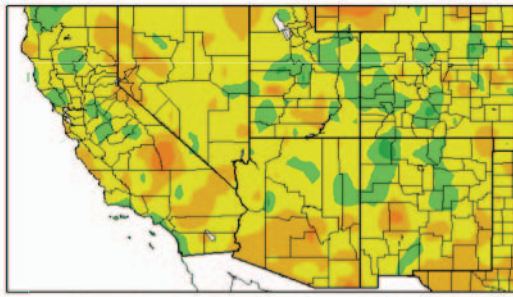
## *Southern Nevada*

**October 2011** swung from cold and showery early to mild and dry by mid-month. Most precipitation and the coldest weather came with two systems early in the month. One of the wettest Octobers on record was observed in Lincoln County, northeast Clark County, and the Spring Mountains. Measureable precipitation was noted at McCarran International Airport from the 3<sup>rd</sup> through the 6<sup>th</sup>. Snow accumulated on Mt. Charleston and in the southern Sierra on the 5<sup>th</sup> and 6<sup>th</sup> of the month. A total of 8" fell at the Las Vegas Ski and Snowboard Resort, allowing for a brief short-term October opening of the slopes. Most of the rest of October was mild and dry in Clark County.

**November 2011** was below average temperature-wise and unsettled in southern Nevada. A deep trough of low pressure controlled the pattern through most of the month. Several storms brought windy periods and drops in temperature to Las Vegas. Only five days of the month reached 70°F, the lowest number since 2004. The storm that brought wind to northern Nevada on the 18<sup>th</sup> also struck Clark County, although most damage occurred in California. The strong cold front that moved across the Las Vegas Valley during the evening hours of the 30<sup>th</sup> produced some of the greatest impacts, including downed trees, a power loss to 5000 customers due to downed lines, and poor visibility due to blowing dust and sand. Roof damage and downed trees and power lines were also reported in Pahrump and Amargosa Valley.

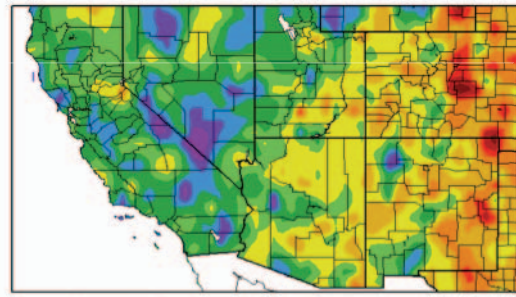
**December 2011** was a chilly month in southern Nevada due to a deep dip in the jet stream. Gusty wind, rain and snow came early in the month, with light accumulations reported in the Summerlin and Anthem areas. A cold front reinforced the cold trend just before Christmas. Fifteen days of the month saw a minimum temperature of 35°F or colder at McCarran Airport, the most since 2001. Rare fog even formed in parts of the Las Vegas Valley in the cold, still air on the morning of the 13<sup>th</sup>. Milder temperatures finally came to Las Vegas in the closing days of the year as high pressure built over the region.

Departure from Normal Temperature (F)  
10/1/2011 – 10/31/2011



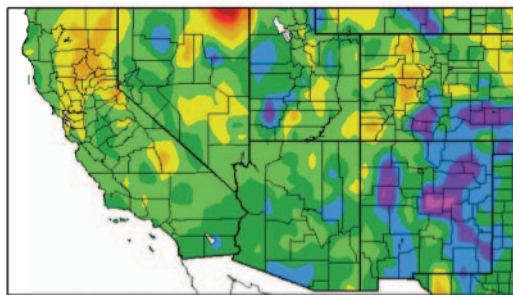
Generated 11/11/2011 at HPRCC using provisional data. Regional Climate Centers

Departure from Normal Temperature (F)  
11/1/2011 – 11/30/2011



Generated 12/11/2011 at HPRCC using provisional data. Regional Climate Centers

Departure from Normal Temperature (F)  
12/1/2011 – 12/31/2011



Generated 1/11/2012 at HPRCC using provisional data. Regional Climate Centers

**TEMPERATURES** across the Silver State were above average in **October** statewide, with well above average mean temperatures in western Nevada and Elko County.

In **November**, parts of Nevada, including Humboldt and Nye Counties, averaged well below normal temperature-wise, with much of the rest of the state below average.

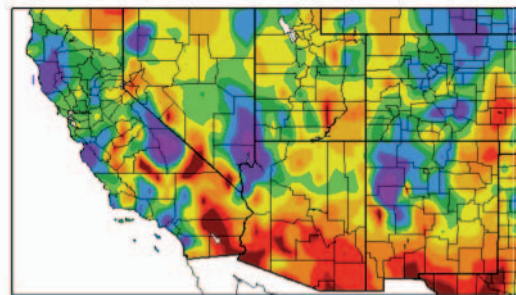
**December** mean temperatures were close to average for much of the state. Exceptions included well below average temperatures in parts of Humboldt, Pershing, and southern Elko Counties. Well above average mean temperatures for December occurred in northern Elko County.

**PRECIPITATION** was well below average for parts of western and north-central Nevada in **October**, including Douglas, Storey, Lyon, and western Elko Counties. Above average precipitation fell in Lincoln, White Pine, and parts of Washoe, Humboldt, and Pershing Counties.

**November** was well below to below average for almost all of Nevada. Driest areas were western and central Nevada. The only exception came in Esmeralda County.

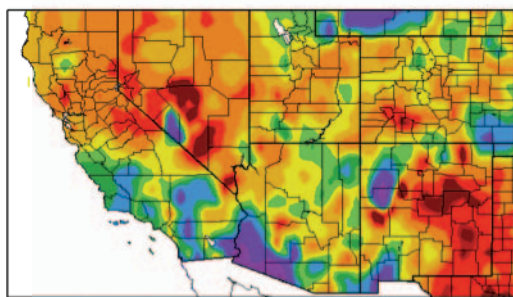
**December** 2011 was the driest or one of the driest Decembers on record statewide. Little precipitation fell, mainly only in Clark, Lincoln, and White Pine Counties.

Percent of Normal Precipitation (%)  
10/1/2011 – 10/31/2011



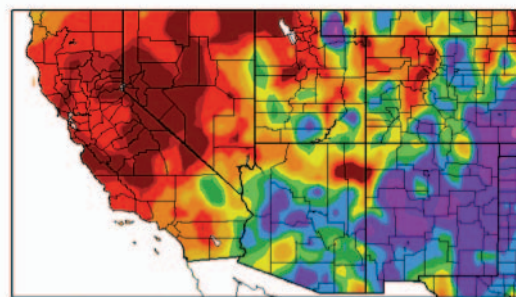
Generated 11/11/2011 at HPRCC using provisional data. Regional Climate Centers

Percent of Normal Precipitation (%)  
11/1/2011 – 11/30/2011



Generated 12/11/2011 at HPRCC using provisional data. Regional Climate Centers

Percent of Normal Precipitation (%)  
12/1/2011 – 12/31/2011



Generated 1/11/2012 at HPRCC using provisional data. Regional Climate Centers



# U.S. Drought Monitor

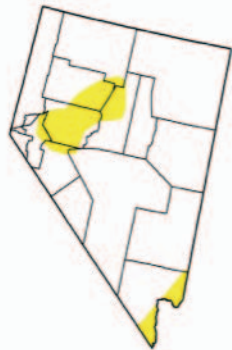
November 1, 2011  
Valid 7 a.m. EST

## Nevada

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	89.62	10.38	0.00	0.00	0.00	0.00
Last Week (10/25/2011 <small>MSG</small> )	89.61	10.39	0.00	0.00	0.00	0.00
3 Months Ago (08/02/2011 <small>MSG</small> )	97.87	2.13	0.00	0.00	0.00	0.00
Start of Calendar Year (12/29/2010 <small>MSG</small> )	79.80	20.20	0.00	0.00	0.00	0.00
Start of Water Year (09/27/2011 <small>MSG</small> )	89.32	10.06	0.00	0.00	0.00	0.00
One Year Ago (10/28/2010 <small>MSG</small> )	24.23	75.77	8.91	0.00	0.00	0.00

**Intensify:**

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://droughtmonitor.unl.edu>



Released Thursday, November 3, 2011  
Brian Fuchs, National Drought Mitigation Center

# U.S. Drought Monitor

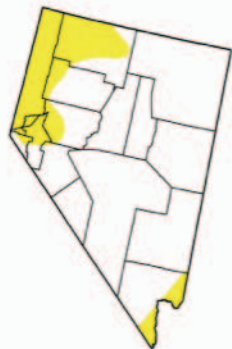
December 6, 2011  
Valid 7 a.m. EST

## Nevada

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	81.96	18.04	0.00	0.00	0.00	0.00
Last Week (11/29/2011 <small>MSG</small> )	81.98	8.02	0.00	0.00	0.00	0.00
3 Months Ago (09/06/2011 <small>MSG</small> )	65.39	34.61	0.00	0.00	0.00	0.00
Start of Calendar Year (12/29/2010 <small>MSG</small> )	79.80	20.20	0.00	0.00	0.00	0.00
Start of Water Year (09/27/2011 <small>MSG</small> )	89.32	10.06	0.00	0.00	0.00	0.00
One Year Ago (11/30/2010 <small>MSG</small> )	51.64	48.36	8.91	0.00	0.00	0.00

**Intensify:**

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://droughtmonitor.unl.edu>



Released Thursday, December 8, 2011  
David Miskus, NOAA/NWS/NCEP/Climate Prediction Center

# U.S. Drought Monitor

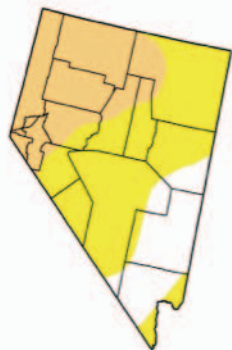
January 3, 2012  
Valid 7 a.m. EST

## Nevada

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	18.18	81.82	32.97	0.00	0.00	0.00
Last Week (12/27/2011 <small>MSG</small> )	25.74	74.26	4.90	0.00	0.00	0.00
3 Months Ago (10/04/2011 <small>MSG</small> )	69.99	10.01	0.00	0.00	0.00	0.00
Start of Calendar Year (12/27/2011 <small>MSG</small> )	25.74	74.26	4.90	0.00	0.00	0.00
Start of Water Year (09/27/2011 <small>MSG</small> )	89.32	10.06	0.00	0.00	0.00	0.00
One Year Ago (12/28/2010 <small>MSG</small> )	79.80	20.20	0.00	0.00	0.00	0.00

**Intensify:**

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://droughtmonitor.unl.edu>



Released Thursday, January 5, 2012  
Brad Rippey, U.S. Department of Agriculture

The fourth quarter of 2011 saw slow expansion of abnormally dry conditions (D0) in western Nevada and persistence in Clark County until a bone-dry December. Moderate drought (D1) conditions were reintroduced to western and central Nevada by the end of the year.

## OCTOBER

West-central Nevada saw introduction of D0 conditions due to below average precipitation. Areas included Churchill, Pershing, and W. Lander Counties. D0 conditions in parts of Clark County persisted.

## NOVEMBER

D0 conditions expanded across Western Nevada with below average monthly precipitation. D0 conditions persisted in Clark County.

## DECEMBER

Many locations across the western half of the state received little or no precipitation during this typically wet month, and little if any snowfall accumulated in the Sierra. These deficits pushed much of Nevada back into drought conditions (D1) by the end of 2011.

# 2011

## TOP Weather Headlines

Jeff Thompson



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### Ferocious Fall Fires

Due to the wet and cool spring around most of the state, the Nevada wildfire season was slow to arrive. Once it did, it was explosive due to the both the abundance of growth early in the season, and above average temperatures and below average precipitation during late summer and fall. Humboldt County saw several large wildfires erupt following thunderstorm and associated lightning activity at the end of September. These blazes burned more than 80,000 acres north and east of Winnemucca, from Eden Valley to Paradise Valley. Later in the fall, the Reno metro area experienced the worst urban wildfire in recorded state history, when a pre-frontal wind event arced power lines with broken tree limbs. This sparked an extremely rare November blaze that quickly spread in the 80+ mph winds and scorched more than 2,000 acres and 29 structures in southwest Reno.

### Dry-cember

A dominant ridge of high pressure along the west coast kept most of the state under a dry, northerly flow. While cold fronts brought reinforcing shots of cold air throughout the month, very little measureable precipitation occurred statewide. Reno recorded 0.00" for the month (not even a trace). This marked the driest December officially recorded for Reno since 1883. Other locations that recorded 0.00" included Battle Mountain, Eureka, Tonopah, and most cooperative observers in the western half of the state. Only a trace of precipitation came as snow on the 4<sup>th</sup> in Elko, marking the driest December on record there. Winnemucca recorded only 0.01" for the month, marking the 2<sup>nd</sup> driest December ever recorded. The Dry-cember reintroduced moderate drought conditions to western and north-central parts of Nevada. These areas were not even considered to be abnormally dry in late November.

### Wet Winnemucca Spring

Late winter and spring were abnormally wet in northern Nevada, marking some of the wettest weather on the books for Winnemucca. February was the fourth snowiest on record, totaling 14.3" of snow. March 2011 was the fourth wettest March ever observed, as 0.91" of liquid was measured, along with 2.7" of snow. April showers continued the trend, making April 2011 the sixth wettest April on record. A whopping 0.63" of precipitation was totaled, along with 5.8" of spring snow. And while May was not a record setter, it was abnormally wet. The total precipitation of 1.45" measured at the airport was 137% of average. All of this rain and snow, along with below-average temperatures, swelled waterways and produced moderate flooding from small creeks to the mighty Humboldt River through June.

## Pipes, Pools, and Painful Payments

Two hard and damaging freezes hit the Las Vegas Valley for the first few days of January and February. The mercury fell to the annual low of 26°F on February 2<sup>nd</sup> and 3<sup>rd</sup>, and a bitter low of 27°F early on New Year's Day. Residential plumbing damage totaled 3.5 million dollars from these two events.

## Slow Summer Start

Much of the state saw a delay to summertime heat in 2011. Reno started off abnormally wet, with a June 5<sup>th</sup> precipitation total of 1.03". This contributed to a monthly mark of 1.35", making June 2011 the sixth wettest June on record. All of the precipitation and cool temperatures delayed melting of the ample snowpack until well into June. This made rivers and streams too dangerous to enter until July. When the heat did arrive, it was significant. While Reno only recorded one 100°F high for the year on July 29<sup>th</sup>, the "Biggest Little City in the World" experienced the 4<sup>th</sup> warmest August on record and the warmest September on the books dating all the way back to 1888. Elko saw its sixth warmest August on record followed by the fifth warmest September on the books.

## Not as Hot

In contrast to a string of record-setting recent years, 2011 was not as hot in the Las Vegas Valley, and the hottest temperatures occurred later than average at McCarran International Airport. It was the first year since 2004 that the highest temperature of the year was recorded in August, rather than July. In addition, while there were five heat-related deaths reported, this was the lowest number since 1997.

2011 Maximum Temperatures	
Reno	100 (Jul 29 <sup>th</sup> )
Winnemucca	100 (Jul 29 <sup>th</sup> )
Elko	98 (Jul 3 <sup>rd</sup> )
Ely	96 (Jul 2 <sup>nd</sup> )
Eureka	99 (Jul 3 <sup>rd</sup> )
Tonopah	99 (Jul 3 <sup>rd</sup> )
Las Vegas	112 (Aug 24 <sup>th</sup> )

2011 Minimum Temperatures	
Reno	10 (Dec 24 <sup>th</sup> )
Winnemucca	-9 (Dec 22 <sup>nd</sup> )
Elko	-3 (Jan 1 <sup>st</sup> )
Ely	-20 (Jan 1 <sup>st</sup> )
Eureka	-7 (Jan 1 <sup>st</sup> )
Tonopah	-4 (Jan 5 <sup>th</sup> )
Las Vegas	26 (Feb 2 <sup>nd</sup> )

2011 Precipitation (Average)	
Reno	4.92" (7.48")
Winnemucca	9.19" (8.28")
Elko	7.37" (9.91")
Ely	12.00" (9.76")
Eureka	7.95" (9.14")
Tonopah	3.15" (5.84")
Las Vegas	2.34" (4.19")



## October-December 2011 Climate Notes

### Did you know...?

1. A cold, early October storm dropped 8 inches of snow at the Las Vegas Ski and Snowboard Resort on the 5<sup>th</sup> and 6<sup>th</sup>, briefly opening the resort.
2. There were four thunderstorm days in October in Elko.
3. The wind-driven Caughlin Fire destroyed 29 structures and charred 2,000 acres in the early morning hours of November 18<sup>th</sup> in southwest Reno. Flames spread at a rate of 30 mph according to fire officials.
4. On November 18<sup>th</sup>, Winnemucca received 3.6" of snow. This total set a new daily maximum snowfall record.
5. Las Vegas high temperatures only reached 70°F on five November days.
6. No precipitation (not even a trace) was recorded at Reno-Tahoe International Airport for December. The last completely dry December recorded in Reno was in 1883.
7. A powerful storm struck southern Nevada on December 1<sup>st</sup>. Downslope wind gusts off of the Spring Mountains reached 94 mph in the Pahrump area and caused widespread fence, tree, and roof damage.
8. Every December night in Ely, the temperature fell below freezing.

### References:

Climate Prediction Center:

[www.cpc.ncep.noaa.gov](http://www.cpc.ncep.noaa.gov)

US Drought Monitor:

[www.drought.unl.edu/dm/monitor.html](http://www.drought.unl.edu/dm/monitor.html)

National Weather Service:

<http://www.wrh.noaa.gov>

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STATISTICS FOR THE MONTH OF OCTOBER 2011									
	Extreme High	Day	Extreme Low	Day	Average High	Average Low	Average Monthly Temp	Precip	Snowfall
<b>Climate Division 1 (NW)</b>									
Reno ASOS	85	14 <sup>th</sup>	29	27 <sup>th</sup>	71.4	41.3	56.4	0.24	0
<b>Climate Division 2 (NE)</b>									
Elko ASOS	83	1 <sup>st</sup>	15	26 <sup>th</sup>	66.2	31.5	48.9	0.59	0.3
Ely ASOS	78	14 <sup>th</sup>	14	27 <sup>th</sup>	64.3	30.1	47.2	1.16	2.6
<b>Climate Division 3 (Central)</b>									
Eureka AWOS	81	2 <sup>nd</sup>	8	26 <sup>th</sup>	66.6	32.0	49.3	0.85	*
Tonopah ASOS	81	13 <sup>th</sup>	26	27 <sup>th</sup>	69.8	39.0	54.4	0.49	*
Winnemucca ASOS	85	1 <sup>st</sup>	12	26 <sup>th</sup>	68.5	30.5	49.5	0.66	0
<b>Climate Division 4 (S)</b>									
Las Vegas ASOS	92	2 <sup>nd</sup>	49	7 <sup>th</sup>	81.8	59.2	70.5	0.21	0

STATISTICS FOR THE MONTH OF NOVEMBER 2011									
	Extreme High	Day	Extreme Low	Day	Average High	Average Low	Average Monthly Temp	Precip	Snowfall
<b>Climate Division 1 (NW)</b>									
Reno ASOS	67	23 <sup>rd</sup>	20	5 <sup>th</sup>	54.6	29.5	42.1	0.06	T
<b>Climate Division 2 (NE)</b>									
Elko ASOS	58	17 <sup>th</sup>	12	9 <sup>th</sup>	47.4	19.9	33.6	0.39	2.7
Ely ASOS	63	27 <sup>th</sup>	0	5 <sup>th</sup>	48.9	18.4	33.7	0.36	6.0
<b>Climate Division 3 (Central)</b>									
Eureka AWOS	60	17 <sup>th</sup>	7	5 <sup>th</sup>	49.8	17.1	33.5	0.22	*
Tonopah ASOS	60	29 <sup>th</sup>	13	5 <sup>th</sup>	50.1	23.5	36.8	0.12	*
Winnemucca ASOS	61	3 <sup>rd</sup>	1	5 <sup>th</sup>	48.9	19.7	34.3	0.50	6.5
<b>Climate Division 4 (S)</b>									
Las Vegas ASOS	79	1 <sup>st</sup>	38	9 <sup>th</sup>	64.4	44.9	54.8	0.11	0

STATISTICS FOR THE MONTH OF DECEMBER 2011									
	Extreme High	Day	Extreme Low	Day	Average High	Average Low	Average Monthly Temp	Precip	Snowfall
<b>Climate Division 1 (NW)</b>									
Reno ASOS	63	28 <sup>th</sup>	10	24 <sup>th</sup>	47.4	19.8	33.6	0.00	0
<b>Climate Division 2 (NE)</b>									
Elko ASOS	59	30 <sup>th</sup>	-1	23 <sup>rd</sup>	42.5	8.0	25.3	T	T
Ely ASOS	57	28 <sup>th</sup>	-8	5 <sup>th</sup>	42.1	9.1	25.6	0.22	3.3
<b>Climate Division 3 (Central)</b>									
Eureka AWOS	62	30 <sup>th</sup>	-5	22 <sup>nd</sup>	44.0	7.7	25.9	0.00	*
Tonopah ASOS	60	28 <sup>th</sup>	10	6 <sup>th</sup>	47.2	18.1	32.6	0.00	*
Winnemucca ASOS	62	28 <sup>th</sup>	-9	22 <sup>nd</sup>	43.8	6.6	25.2	0.01	0.1
<b>Climate Division 4 (S)</b>									
Las Vegas ASOS	65	31 <sup>st</sup>	28	6 <sup>th</sup>	55.7	36.6	46.2	0.14	0



**STATISTICS FOR THE MONTH OF OCTOBER 2011**

	<b>Extreme High</b>	<b>Day</b>	<b>Extreme Low</b>	<b>Day</b>	<b>Average High</b>	<b>Average Low</b>	<b>Average Monthly Temp</b>	<b>Precip</b>	<b>Snowfall</b>
<b>Climate Division 1 (NW)</b>									
Carson City	83	*	21	*	68.3	35.7	51.0	0.25	0
Cold Springs	81	14 <sup>th</sup>	23	29 <sup>th</sup>	67.5	33.1	50.3	0.68	0.4
Davis Creek	85	1 <sup>st</sup>	18	26 <sup>th</sup>	70.1	32.7	51.4	1.17	T
Fernley	m	m	m	m	m	m	m	m	m
Gardnerville	87	14 <sup>th</sup>	22	29 <sup>th</sup>	74.0	35.7	54.9	0.39	0
Hay Creek*	87	1 <sup>st</sup>	26	27 <sup>th</sup>	68.0	39.7	53.9	0.28	0
Jacks Valley	83	21 <sup>st</sup>	21	27 <sup>th</sup>	67.5	40.1	54.2	*	*
Lahontan Nat'l Fish Hatchery	84	14 <sup>th</sup>	25	26 <sup>th</sup>	72.2	39.8	56.0	0.39	*
Minden	87	*	18	*	72.6	33.5	52.4	0.25	0
Mogul	81	15 <sup>th</sup>	23	26 <sup>th</sup>	67.8	40.4	54.1	0.79	*
NSCO (UNR Campus)	*	*	*	*	*	*	*	*	*
Reno, N. Virginia	81	14 <sup>th</sup>	26	27 <sup>th</sup>	67.3	40.1	53.7	0.38	0
Sheridan Acres	82	14 <sup>th</sup>	23	27 <sup>th</sup>	68.1	38.4	53.3	1.22	0
Stillwater (Precip. only)								m	m
Truckee-Tahoe	m	m	m	m	m	m	m	m	m
Wellington	85	14 <sup>th</sup>	25	29 <sup>th</sup>	71.3	38.6	54.9	0.35	0
Verdi	m	m	m	m	m	m	m	m	m
<b>Climate Division 2 (NE)</b>									
Jarbidge	88	1 <sup>st</sup>	15	25 <sup>th</sup>	62.7	33.6	48.2	1.81	2.0
Reese River	m	m	m	m	m	m	m	m	m
<b>Climate Division 3 (Central)</b>									
Gabbs	m	m	m	m	m	m	m	m	m
Pioche - Lister Ranch	81	2 <sup>nd</sup>	18	29 <sup>th</sup>	68.0	29.3	48.7	1.62	0
Tonopah	86	15 <sup>th</sup>	23	26 <sup>th</sup>	68.0	38.6	53.3	0.52	T
<b>Climate Division 4 (S)</b>									
Amargosa Farms	95	*	37	*	82.7	48.8	65.8	0.00	0
N. Las Vegas	97	*	47	*	84.3	57.5	70.9	0.83	0
Overton	103	1 <sup>st</sup>	39	27 <sup>th</sup>	82.6	53.8	68.2	1.46	0
Sandy Valley (precip. only)								0.20	0
<b>California (Sierra)</b>									
Central Sierra Snow Lab	69	12 <sup>th</sup>	24	7 <sup>th</sup>	58.1	33.0	43.5	4.73	19.5
Tuolumne Meadows	68	17 <sup>th</sup>	13	7 <sup>th</sup>	56.8	26.5	41.7	1.67	18.0

\* - Incomplete data    m - Missing data  
nr - Not Recorded

STATISTICS FOR THE MONTH OF NOVEMBER 2011									
	Extreme High	Day	Extreme Low	Day	Average High	Average Low	Average Monthly Temp	Precip	Snowfall
<b>Climate Division 1 (NW)</b>									
Carson City	67	*	14	*	53.6	25.2	39.7	0.20	2.0
Cold Springs	67	27 <sup>th</sup>	12	8 <sup>th</sup>	50.9	23.3	37.1	0.21	2.1
Davis Creek	70	1 <sup>st</sup>	11	5 <sup>th</sup>	53.8	21.6	37.7	0.24	4.0
Fernley	m	m	m	m	m	m	m	m	m
Gardnerville	74	28 <sup>th</sup>	11	8 <sup>th</sup>	57.3	22.3	39.8	0.06	0.3
Hay Creek*	67	1 <sup>st</sup>	16	5 <sup>th</sup>	48.9	26.3	37.6	0.33	3.5
Jacks Valley	67	23 <sup>rd</sup>	14	5 <sup>th</sup>	53.5	27.5	40.5	0.35	*
Lahontan Nat'l Fish Hatchery	74	1 <sup>st</sup>	18	2 <sup>nd</sup>	60.0	26.9	43.5	0.08	*
Minden	70	*	12	*	57.6	21.8	39.6	0.06	0.3
Mogul	63	23 <sup>rd</sup>	19	5 <sup>th</sup>	52.2	29.1	40.7	0.09	*
NSCO (UNR Campus)	65	23 <sup>rd</sup>	21	5 <sup>th</sup>	51.6	32.5	42.1	0.10	T
Reno, N. Virginia	65	23 <sup>rd</sup>	18	5 <sup>th</sup>	51.7	29.7	40.4	0.08	0.3
Sheridan Acres	66	28 <sup>th</sup>	18	2 <sup>nd</sup>	52.6	27.9	40.3	0.14	0.8
Stillwater (Precip. only)								m	m
Truckee-Tahoe	m	m	m	m	m	m	m	m	m
Wellington	68	23 <sup>rd</sup>	13	21 <sup>st</sup>	54.6	22.6	38.6	.03	0
Verdi	m	m	m	m	m	m	m	m	m
<b>Climate Division 2 (NE)</b>									
Jarbidge	62	27 <sup>th</sup>	9	18 <sup>th</sup>	45.3	23.9	34.6	1.00	15.8
Reese River	m	m	m	m	m	m	m	m	m
<b>Climate Division 3 (Central)</b>									
Gabbs	m	m	m	m	m	m	m	m	m
Pioche - Lister Ranch	71	1 <sup>st</sup>	10	7 <sup>th</sup>	51.6	18.9	35.3	0.45	1.7
Tonopah	64	20 <sup>th</sup>	15	5 <sup>th</sup>	51.4	23.6	37.5	0.14	1.0
<b>Climate Division 4 (S)</b>									
Amargosa Farms	80	*	27	*	63.9	32.7	48.3	0.00	0
N. Las Vegas	81	*	38	*	66.3	42.9	54.7	0.02	0
Overton	83	1 <sup>st</sup>	31	30 <sup>th</sup>	67.2	36.3	51.8	0.49	0
Sandy Valley (precip. only)								0.40	0
<b>California (Sierra)</b>									
Central Sierra Snow Lab	60	26 <sup>th</sup>	10	5 <sup>th</sup>	43.5	23.2	31.5	3.59	29.3
Tuolumne Meadows	58	27 <sup>th</sup>	-2	7 <sup>th</sup>	42.6	15.2	28.9	0.81	19.5

\* - Incomplete data m - Missing data  
nr -- Not Recorded

STATISTICS FOR THE MONTH OF DECEMBER 2011									
	Extreme High	Day	Extreme Low	Day	Average High	Average Low	Average Monthly Temp	Precip	Snowfall
<b>Climate Division 1 (NW)</b>									
Carson City	63	*	2	*	46.9	14.4	30.8	0.00	0
Cold Springs	60	28 <sup>th</sup>	2	22 <sup>nd</sup>	46.1	12.7	29.4	0.00	0
Davis Creek	63	29 <sup>th</sup>	5	22 <sup>nd</sup>	47.8	15.4	31.6	0.00	0
Gardnerville	67	30 <sup>th</sup>	1	22 <sup>nd</sup>	48.9	12.1	30.5	0.00	0
Hay Creek*	54	29 <sup>th</sup>	9	22 <sup>nd</sup>	43.5	19.8	31.7	0.00	0
Jacks Valley	60	29 <sup>th</sup>	12	21 <sup>st</sup>	44.1	21.1	32.6	0.00	*
Lahontan Nat'l Fish Hatchery	67	28 <sup>th</sup>	8	23 <sup>rd</sup>	51.3	18.9	35.1	0.00	*
Minden	67	*	1	*	49.4	11.7	30.5	0.00	0
Mogul	65	28 <sup>th</sup>	9	22 <sup>nd</sup>	42.9	17.4	30.1	0.00	*
NSCO (UNR Campus)	61	28 <sup>th</sup>	13	23 <sup>rd</sup>	44.9	24.3	34.6	0.00	0
Reno, N. Virginia	61	28 <sup>th</sup>	9	24 <sup>th</sup>	44.9	19.4	32.1	0.00	0
Sheridan Acres	65	28 <sup>th</sup>	6	22 <sup>nd</sup>	44.8	17.5	31.2	0.00	0
Stillwater (Precip. only)								m	m
Truckee-Tahoe	m	m	m	m	m	m	m	m	m
Wellington	66	30 <sup>th</sup>	-2	23 <sup>rd</sup>	46.4	12.9	29.7	.01	0
Verdi	m	m	m	m	m	m	m	m	m
<b>Climate Division 2 (NE)</b>									
Jarbidge	61	31 <sup>st</sup>	1	4 <sup>th</sup>	43.3	16.2	29.7	0.29	7.0
Reese River	m	m	m	m	m	m	m	m	m
<b>Climate Division 3 (Central)</b>									
Gabbs	m	m	m	m	m	m	m	m	m
Pioche - Lister Ranch	62	31 <sup>st</sup>	1	6 <sup>th</sup>	44.5	10.1	27.3	0.21	3.0
Tonopah	61	29 <sup>th</sup>	9	22 <sup>nd</sup>	44.2	20.3	32.3	0.00	0
<b>Climate Division 4 (S)</b>									
Amargosa Farms	70	*	20	*	58.4	28.2	43.3	0.00	0
N. Las Vegas	67	*	27	*	57.9	34.5	46.2	0.24	0
Overton	68	1 <sup>st</sup>	21	7 <sup>th</sup>	58.8	28.5	43.6	0.32	0
Sandy Valley (precip. only)								m	m
<b>California (Sierra)</b>									
Central Sierra Snow Lab	53	9 <sup>th</sup>	14	13 <sup>th</sup>	43.3	21.8	30.3	0.29	*
Tuolumne Meadows	51	27 <sup>th</sup>	0	14 <sup>th</sup>	41.0	12.7	26.4	0.10	2.0

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