

Contents:

- **2010 vs. 2011 Snowfall**
- **Skyview Website**
- **Drought Monitor**
- **October Summary/Statistics**
- **November Preview**
- **Sunrise/Sunset**
- **Snowfall Totals**

2010 vs. 2011 Snowfall

The start to the 2011/2012 snow season has been much better than last year as many areas of the Front Range were still waiting for their first measureable snowfall at this time. There were some minor accumulations in the month of October in 2010 in the foothills but most areas did not even receive a trace of snow until the 9th of November. This year there was 2 measureable storms in the foothills during the month of October with 10-20" by the end of the month. The first storm generally produced rainfall for lower elevations with DIA reporting a single day precipitation record of 1.04" on the 8th. The snow line lowered to around 5,500' with some snow for the lower foothills and Palmer Divide including some Denver suburbs. The second storm would bring "branch breaking" snowfall to northern Colorado with 5-12" of snow heaviest in northern Boulder, Larimer and Weld Counties. This storm helped to push snowfall above normal for the month of October 2011 and kicked off the snow season much earlier than last year. The month of November has started off on the right foot with a good snow storm on the 1st through the 2nd which resulted in some school closures and blizzard like conditions for parts of the eastern plains. Most areas with this storm received between 5-10" of snow with higher amounts in the foothills. There is a little break in the weather now that we are almost half way through the second week of November but 2-3 more snow events are likely by month's end. November is usually the Denver Metro areas 2nd snowiest month of the year behind March. With a good start to the snow season hopefully the storm track can continue to be active keeping the snow pack up in the mountains while giving the plains needed moisture. Here are the year over year snow totals through the 9th of November for selected locations along the Front Range:

2011	2010		
Thru 11/9	Thru 11/9	Location	
13.0	1.0	Aurora Ctrl	
20.0	0.3	Boulder 1.6 S	
13.3	0.6	Brighton 1.7ESE	
19.6	3.1	Castle Rock - 3 NE	
17.5	1.7	Centennial	
12.1	TR	Cherry Hills North	
4.6	TR	Colo Springs Airport	
13.0	TR	Denver - DIA	
28.6	0.5	Estes Park*	
18.3	0.6	Evergreen 1S	
19.2	TR	Fort Collins CSU	
16.0	0.0	Golden	
18.0	TR	Greeley 4NW	
13.1	1.0	Greenwood Village	
17.9	0.5	Highlands Ranch East	
11.0	TR	Lakewood Cntrl	
15.0	TR	Lakewood Grn Mtn	
13.6	TR	Littleton	
19.0	TR	Longmont 2NE	
17.3	TR	Loveland	
22.1	3.5	Parker	
13.7	0.2	Thornton North	
16.6	0.3	Westminster	

Skyview Weather website

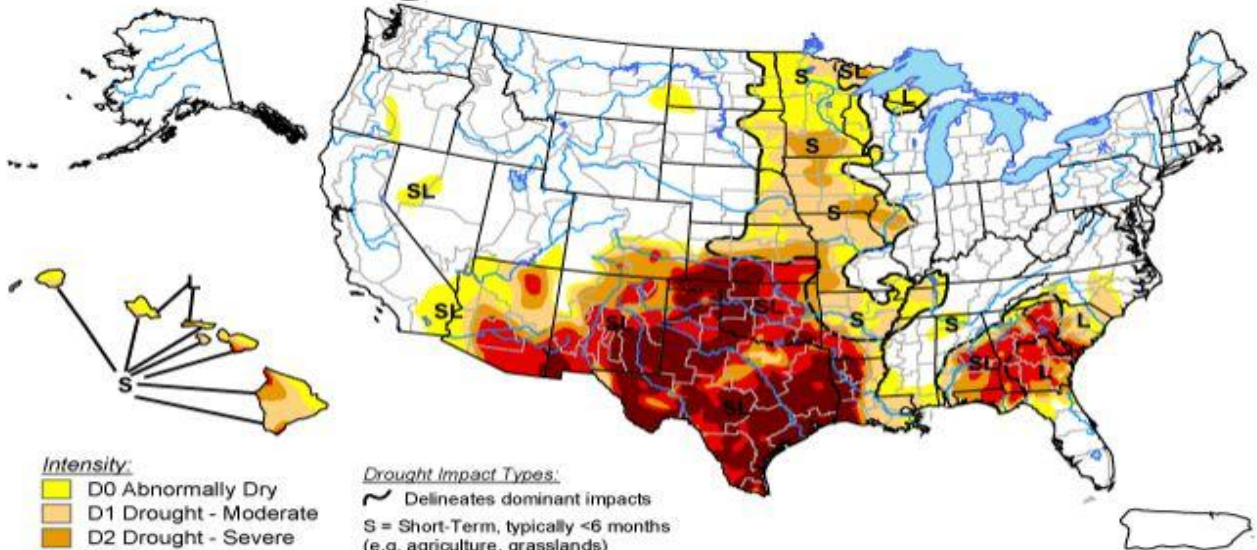
Skyview Weather's website has been up and operational for many months now and we continue to add content as we try to meet all of your weather needs. If you have not been to the Skyview Weather website at: www.SkyviewWeather.com, please explore the new site. The site contains a client only section containing our daily forecasts, local radar, and other links of interest to our clients. Updated forecast information is frequently added to the website as well. If do not have userid and password (available to Skyview Weather clients only) please send us an email so that we may set up your account. We appreciate any feedback as we continue to try and improve the new site.

Drought Update

Drought conditions persist in parts of southern and southeastern Colorado but have improved slightly over the past month. Eastern New Mexico and Texas continue to suffer from exceptional drought conditions. Western, northern and northeastern parts of Colorado are drought free at the moment.

U.S. Drought Monitor

November 1, 2011
Valid 8 a.m. EDT



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

- Drought Impact Types:**
- Delineates dominant impacts
 - S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
 - L = Long-Term, typically >6 months (e.g. hydrology, ecology)

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

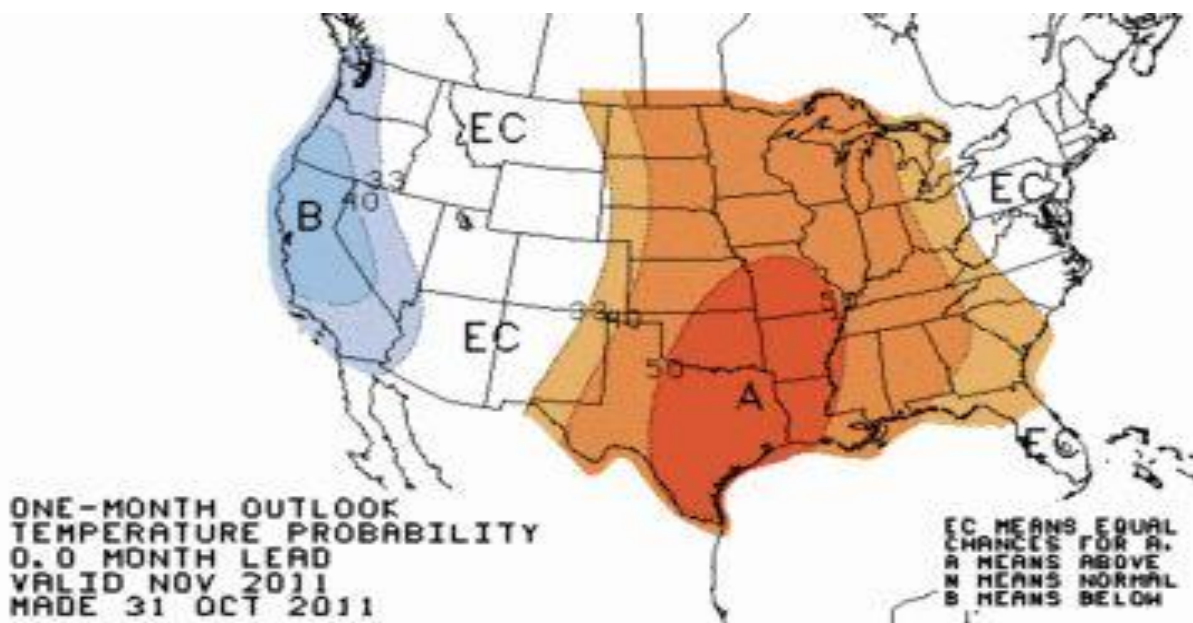


Released Thursday, November 3, 2011

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<http://droughtmonitor.unl.edu/>

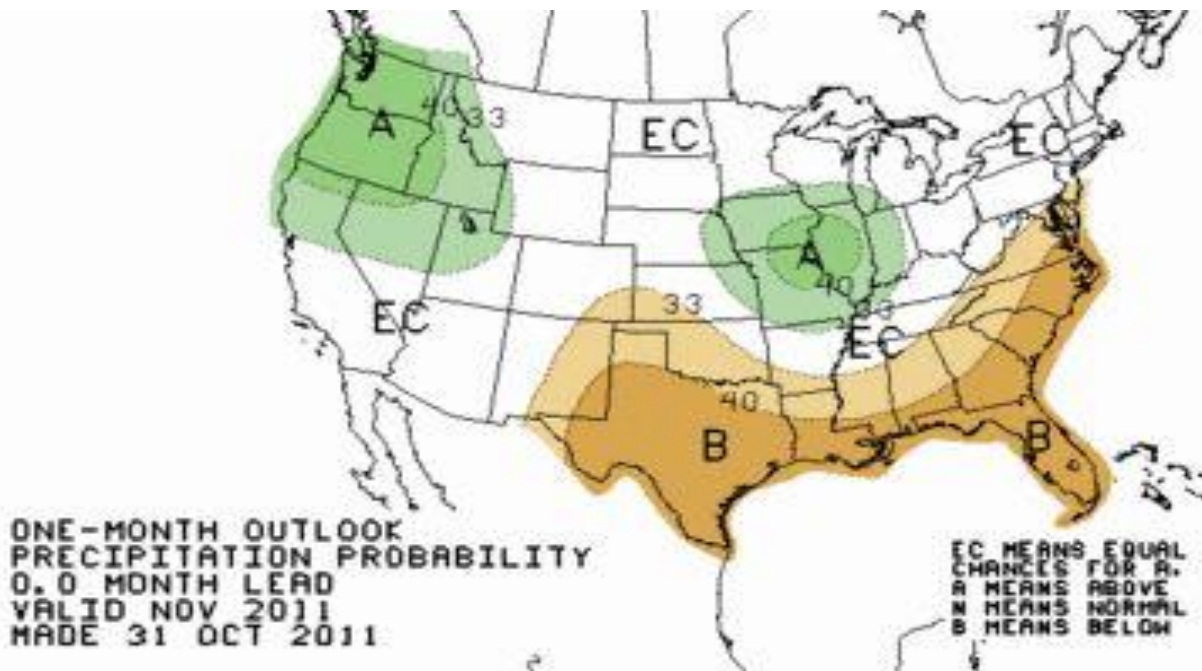
The map below shows forecasted temperature deviances for November 2011. Near normal temperatures are expected over Colorado this month with slightly above normal temperatures along the CO/KS border.



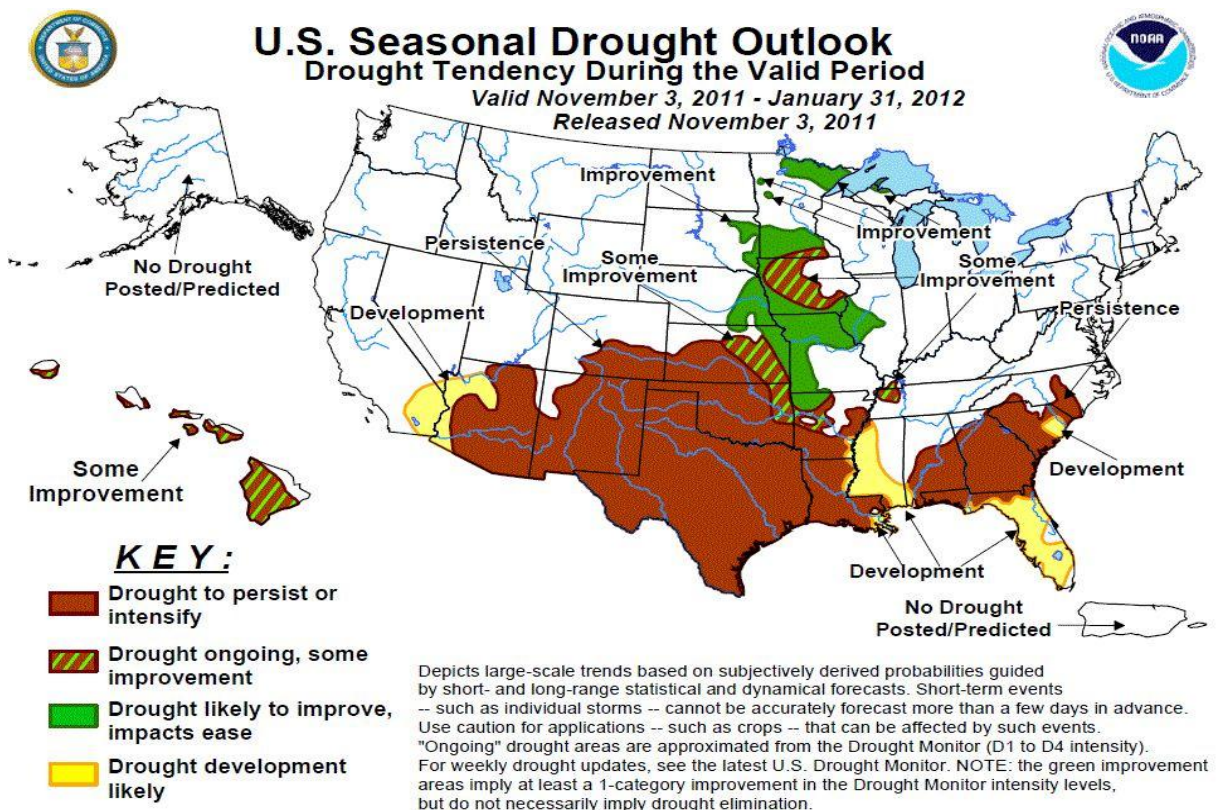
ONE-MONTH OUTLOOK
TEMPERATURE PROBABILITY
0.0 MONTH LEAD
VALID NOV 2011
MADE 31 OCT 2011

EC MEANS EQUAL
CHANCES FOR A,
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW

The map below shows forecasted precipitation deviances for November 2011. Near normal precipitation amounts are expected across the state of Colorado. Some southern parts of the state may experience below normal precipitation but a good storm has already moved through southeastern Colorado during the 7-8th of this month which may result in more normal precipitation.



Overall drought conditions look to persist through the winter months in southeastern Colorado due to a weak La Nina pattern currently in place. With near normal precipitation expected over NE Colorado drought conditions look to be kept at bay. W and especially NW Colorado will likely experience above normal snow and precipitation this winter.



October Summary

October of 2011 provided a bit of everything for the weather enthusiast with record high temperatures, rain, thunderstorms as well as the season's first major snow storm for many cities in northeastern Colorado. Precipitation for the month was 0.82" above normal at 1.79". Over 1" of the precipitation was reported on the 8th and fell mostly as rain in the Denver area but the foothills received some heavy "wet" snow. Lower elevations would get a significant snow later in the month on the 25th through 26th. 8.5" of snow was reported at DIA from this storm alone. Areas of northern Colorado received even more snow with a branch breaking event leaving lots of northern CO residents without power. Temperatures were above normal despite the snows with a monthly mean temperature 1.7 degrees above normal at 52.6 degrees.

October Stats

TEMPERATURE (IN DEGREES F)

AVERAGE MAX	67.3	NORMAL 65.3	DEPARTURE 2.0
AVERAGE MIN	37.9	NORMAL 36.6	DEPARTURE 1.3
MONTHLY MEAN	52.6	NORMAL 50.9	DEPARTURE 1.7
HIGHEST	87 on the 1 st		
LOWEST	14 on the 26 th and 27 th		

DAYS WITH MAX 90 OR ABOVE	0	NORMAL	0
DAYS WITH MAX 32 OR BELOW	1	NORMAL	0.4
DAYS WITH MIN 32 OR BELOW	9	NORMAL	8.5
DAYS WITH MIN ZERO OR BELOW	0	NORMAL	0.0

TEMPERATURE RECORDS

Tied record high of 82 on the 15th

New record high of 80 on the 24th

HEATING DEGREE DAYS

MONTHLY TOTAL	400	NORMAL 438	DEPARTURE -38
SEASONAL TOTAL	495	NORMAL 576	DEPARTURE -81

COOLING DEGREE DAYS

MONTHLY TOTAL	23	NORMAL 5	DEPARTURE 18
YEARLY TOTAL	964	NORMAL 769	DEPARTURE 195

PRECIPITATION (IN INCHES)

MONTHLY TOTAL	1.79	NORMAL	0.97	DEPARTURE	0.82
YEARLY TOTAL	15.93	NORMAL	13.77	DEPARTURE	2.16
GREATEST IN 24 HOURS	1.04" on the 8 th				
DAYS WITH MEASURABLE PRECIP.	4				

SNOWFALL (IN INCHES)

MONTHLY TOTAL	8.5	NORMAL	4.2	DEPARTURE	4.3
SEASONAL TOTAL	8.5	NORMAL	5.3	DEPARTURE	3.2
GREATEST IN 24 HOURS	8.5" On the 25 th – 26 th				
GREATEST DEPTH	NA				

WIND (IN MILES PER HOUR)

AVERAGE SPEED	9.8mph
PEAK WIND GUST	63mph from the SSW

MISCELLANEOUS WEATHER

NUMBER OF DAYS WITH THUNDERSTORM	1	NORMAL	4
NUMBER OF DAYS WITH HEAVY FOG	1	NORMAL	1
NUMBER OF DAYS WITH HAIL	0		
NUMBER OF SUNNY DAYS	13		
NUMBER OF PARTLY CLOUDY DAYS	15		
NUMBER OF CLOUDY DAYS	3		
AVERAGE RELATIVE HUMIDITY	44%		

November Preview

November is on average the 2nd snowiest month of the year behind March and usually has less sunshine than any other month. Temperatures really begin to cool down in November with average lows in the mid 20s. Average highs are typically in the lower 50s but there are usually about 3 days where the high temperatures do not even reach 32. Overnight lows can dip below zero towards the end of the month and say goodbye to those 80 degree days as the all time record high for November is 80. Normal November precipitation is under 1" at 0.82" with an average snowfall of 8.7". There are typically 3 days in the month where greater than 1" of snow occurs. Last year at this time we were still waiting for the season's first snow and it eventually came at the very end of the month. This year the weather pattern looks to remain active with multiple storms moving through producing snow with near normal snowfall and precipitation expected at this time.

ENVER'S NOVEMBER CLIMATOLOGICALLY NORMAL (NORMAL PERIOD 1971-2000)

TEMPERATURE

AVERAGE HIGH	52.3
AVERAGE LOW	24.9
MONTHLY MEAN	38.6
DAYS WITH HIGH 90 OR ABOVE	0
DAYS WITH HIGH 32 OR BELOW	2.6
DAYS WITH LOW 32 OR BELOW	23.3
DAYS WITH LOWS ZERO OR BELOW	0.4

PRECIPITATION

MONTHLY MEAN	0.82"
DAYS WITH MEASURABLE PRECIPITATION	6
AVERAGE SNOWFALL IN INCHES	8.7"
DAYS WITH 1.0 INCH OF SNOW OR MORE	3

MISCELLANEOUS AVERAGES

HEATING DEGREE DAYS	792
COOLING DEGREE DAYS	<1
WIND SPEED (MPH)	8.2mph
WIND DIRECTION	South
DAYS WITH THUNDERSTORMS	<1
DAYS WITH DENSE FOG	1
PERCENT OF SUNSHINE POSSIBLE	64%

EXTREMES

RECORD HIGH	80 on 11/8/2006
RECORD LOW	-18 on 11/29/1877

WARMEST
COLDEST
WETTEST
DRIEST
SNOWIEST
LEAST SNOWIEST

50.9 in 1949
22.0 in 1880
3.21" in 1946
Trace in 149, 1901, 1899
42.6" in 1946
0.0" in 1949

Sunrise/Sunset (July - December Denver area)

	JUL	AUG	SEP	OCT	NOV	DEC	
	sr - ss	sr - ss	sr - ss	sr - ss	sr - ss	sr - ss	
01	0535-0831	0558-0814	0627-0732	0655-0644	0728-0558	0701-0436	01
02	0536-0831	0559-0813	0628-0731	0656-0642	0729-0557	0702-0435	02
03	0536-0831	0600-0812	0629-0729	0657-0641	0730-0556	0703-0435	03
04	0537-0831	0601-0811	0630-0728	0658-0639	0731-0554	0704-0435	04
05	0537-0831	0602-0809	0631-0726	0659-0637	0733-0553	0705-0435	05
06	0538-0831	0603-0808	0632-0725	0700-0636	0634-0452	0706-0435	06
07	0538-0830	0604-0807	0633-0723	0701-0634	0635-0451	0707-0435	07
08	0539-0830	0605-0806	0634-0721	0702-0633	0636-0450	0708-0435	08
09	0540-0830	0606-0805	0635-0720	0703-0631	0637-0449	0709-0435	09
10	0540-0829	0607-0804	0636-0718	0704-0630	0638-0448	0709-0435	10
11	0541-0829	0608-0802	0637-0717	0705-0628	0639-0447	0710-0435	11
12	0542-0829	0608-0801	0637-0715	0706-0627	0641-0447	0711-0435	12
13	0542-0828	0609-0800	0638-0713	0707-0625	0642-0446	0712-0436	13
14	0543-0828	0610-0758	0639-0712	0709-0624	0643-0445	0713-0436	14
15	0544-0827	0611-0757	0640-0710	0710-0622	0644-0444	0713-0436	15
16	0545-0827	0612-0756	0641-0708	0711-0621	0645-0443	0714-0436	16
17	0545-0826	0613-0754	0642-0707	0712-0619	0646-0443	0715-0437	17
18	0546-0825	0614-0753	0643-0705	0713-0618	0647-0442	0715-0437	18
19	0547-0825	0615-0752	0644-0703	0714-0616	0648-0441	0716-0437	19
20	0548-0824	0616-0750	0645-0702	0715-0615	0650-0441	0716-0438	20
21	0549-0823	0617-0749	0646-0700	0716-0613	0651-0440	0717-0438	21
22	0549-0823	0618-0747	0647-0659	0717-0612	0652-0439	0717-0439	22
23	0550-0822	0619-0746	0648-0657	0718-0611	0653-0439	0718-0439	23
24	0551-0821	0620-0745	0649-0655	0719-0609	0654-0438	0718-0440	24
25	0552-0820	0621-0743	0650-0654	0720-0608	0655-0438	0719-0440	25
26	0553-0819	0622-0742	0651-0652	0721-0607	0656-0437	0719-0441	26
27	0554-0818	0623-0740	0652-0650	0722-0605	0657-0437	0719-0442	27
28	0555-0818	0624-0739	0653-0649	0724-0604	0658-0437	0720-0442	28
29	0556-0817	0624-0737	0654-0647	0725-0603	0659-0436	0720-0443	29
30	0556-0816	0625-0736	0655-0645	0726-0601	0700-0436	0720-0444	30
31	0557-0815	0626-0734		0727-0559		0720-0445	31

Snowfall

Oct 2011 to April 2012

City	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Total
Aurora (Central)	6.0							6.0
Brighton	5.8							5.8
Broomfield	9.7							9.7
Castle Rock	10.1							10.1
Colo Sprgs Airport	3.6							3.6
Denver DIA	8.5							8.5
Denver Downtown	7.9							7.9
Golden	8.9							8.9
Fort Collins	9.7							9.7
Highlands Ranch	7.4							7.4
Lakewood	7.8							7.8
Littleton	6.0							6.0
Parker	12.1							12.1
Sedalia - Hwy 67	6.5							6.5
Thornton	6.6							6.6
Westminster	8.8							8.8
Wheatridge	7.6							7.6

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