



The Weather Wire

February 2011

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Contents:

- **Skyview Weather Introduces a NEW Website!**
- **Drought Monitor**
- **January Summary/Statistics**
- **February Preview**
- **Sunrise/Sunset**
- **Snow Totals**

Skyview Weather launches NEW website!

Skyview Weather is happy to announce our new website (including the simpler to remember url), with a improved design and functionality, expanded information on client pages, new blog, and more!

This new website design gives Skyview Weather the ability to blog, which we will typically do on a daily basis. The blog is not intended in any way to replace or become our primary forecast product, but does give us the ability to discuss regional weather, weather events of national interest, answer interesting questions that may be emailed to us, highlight submitted images, or perhaps discuss interesting weather trivia. In short, the blog will provide Skyview Weather a forum to discuss any weather related subject, including user inquiries. We encourage readers of the blog, both clients and non clients alike, to respond to blog postings as well as ask questions, with Skyview Weather responding as time allows. A complete blog archive will be maintained online as well.

We have also added some interesting graphical products, such as national radar and satellite, and the latest national surface chart. These products enlarge when clicked upon. Skyview Weather will continue to add additional products of interest. Besides the graphical products, links of interest have been included.

Information about Skyview Weather and its products and services is included, along with our newsletter page which includes newsletters dating back to March 2004. Local climatology for the Colorado Front Range has again been included on the website.

A gallery section has been included, and will include interesting weather imagery in this section. At this point only a few images have been included, but we encourage you to send interesting images to Skyview Weather for possibly use in this site. This is an excellent area to share images of local storms (winter storm photos would be great), interesting clouds or weather phenomena, or storm damage. We will also add

images taken by Tim or Brad of general interest to this section. **Submissions from all are encouraged!**

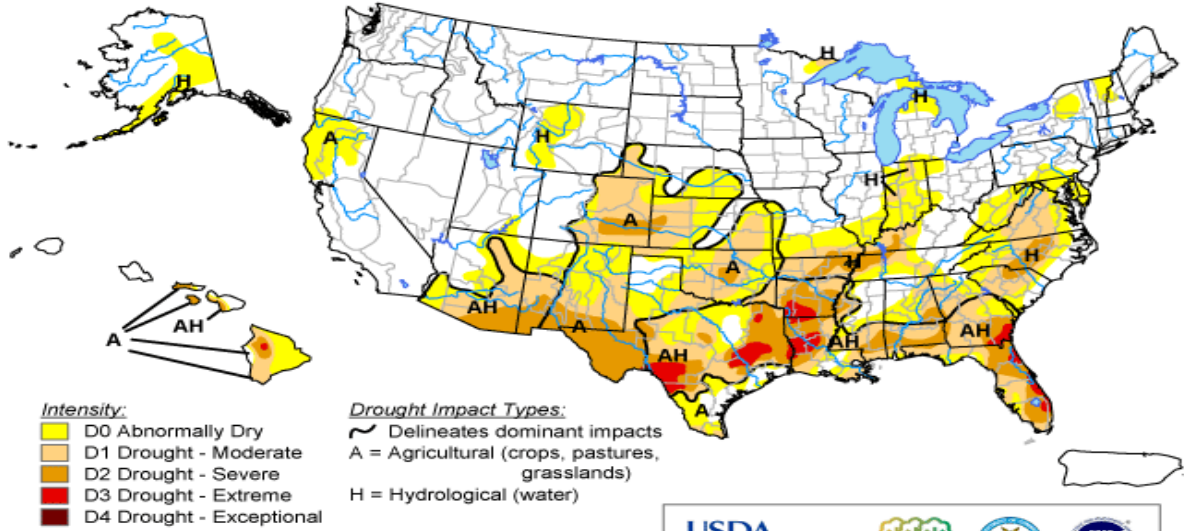
Finally, we are also changing and expanding the client section, where client forecasts will be provided, as well as weather graphics of local interest (local radar, "Today's Weather Story" graphic from the NWS, regional conditions, and local webcams for your area, and other graphical or image items that we find of interest). This section should be up and running within a few days to a week. **If you are interested in utilizing this feature, which includes seeing the daily forecast online) please send us an email with your name and company/organization so that we may set up an account for you. Unfortunately, we cannot transfer online users from the old web site, so we do need a new email from you indicating interest in this service (no additional charge for our clients).**

Drought Monitor

Dry conditions since mid August have brought drought conditions to eastern Colorado which is growing more severe each month.

U.S. Drought Monitor

February 8, 2011
Valid 7 a.m. EST



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

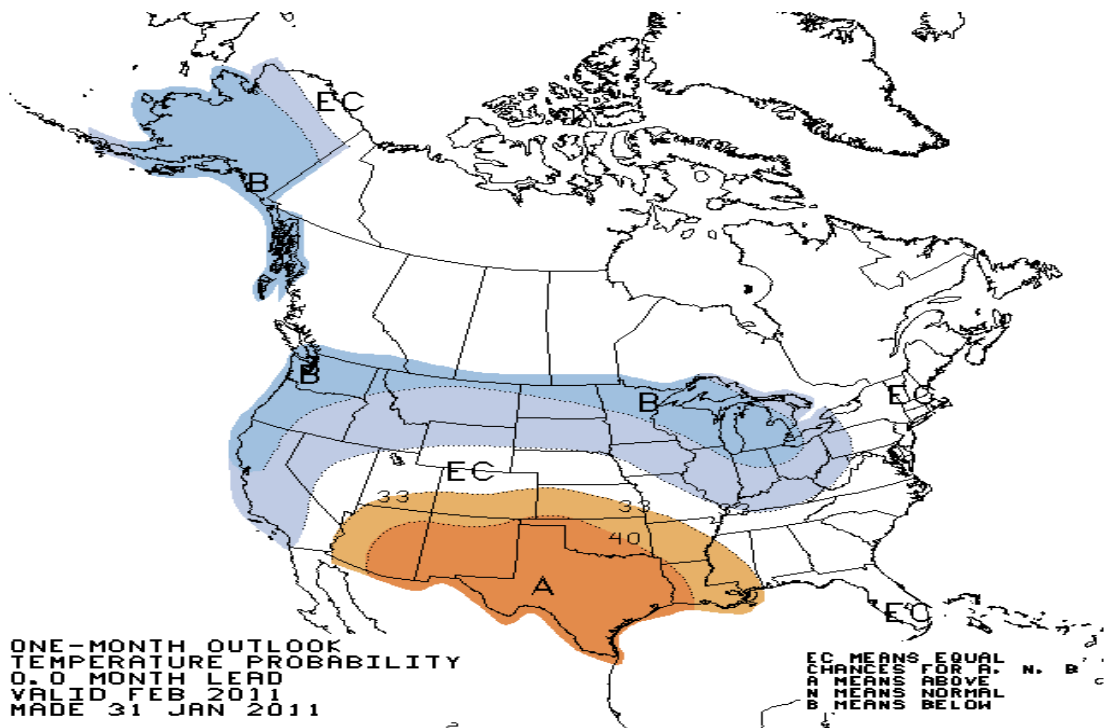
<http://drought.unl.edu/dm>



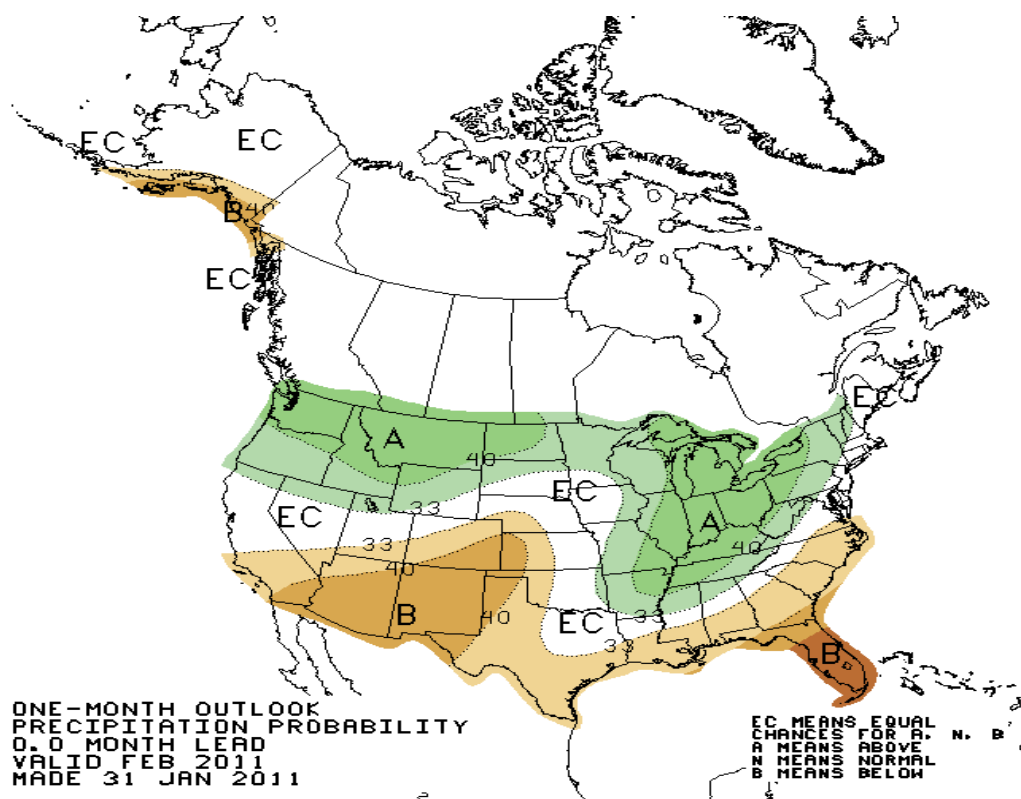
Released Thursday, February 10, 2011

Author: Matthew Rosencrans, NOAA/NWS/NCEP/CPC

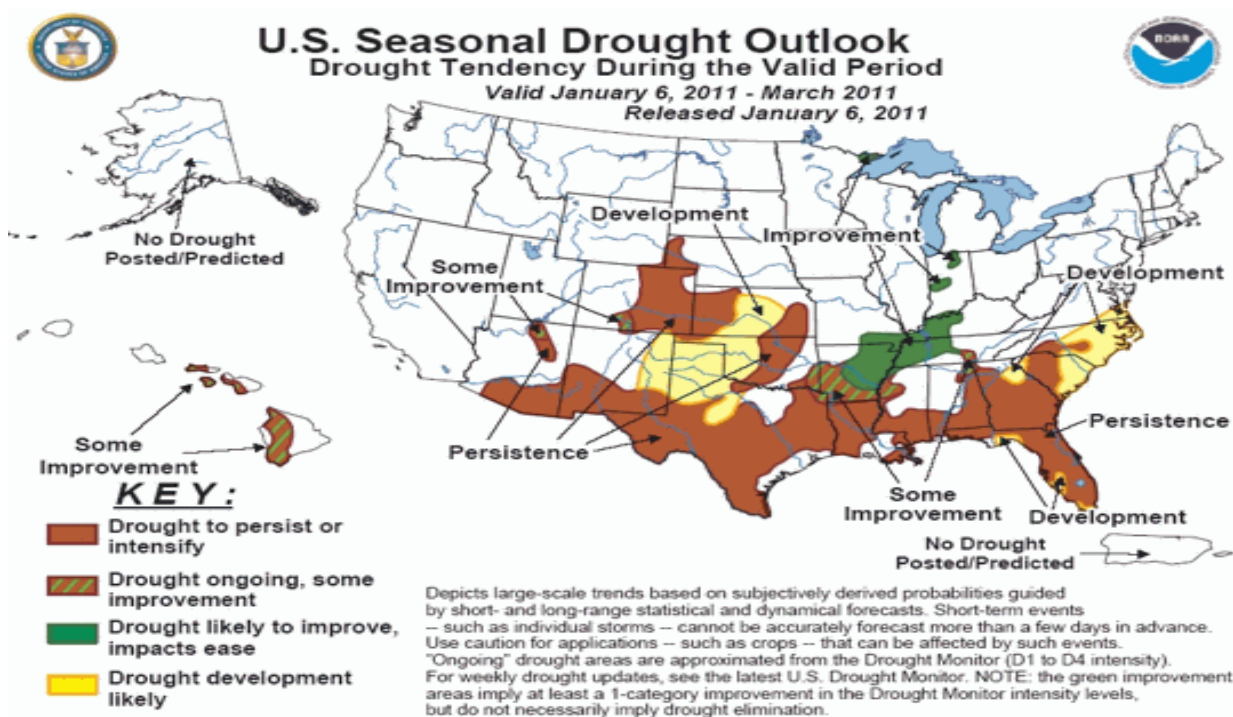
The map below shows forecasted temperature deviances for February 2011. As can be seen, normal temperatures are expected northern Colorado for the month, with above normal temperatures in southern Colorado.



The map below shows forecasted precipitation deviances for February 2011. Normal precipitation amounts are expected across northwest Colorado, with much of the remainder of the state seeing less than above normal precipitation.



More widespread areas of drought are expected to persist or intensify across eastern Colorado.



January Summary

2011 has started out on the right foot with above normal precipitation and snowfall reported for the month of January. However, 2010 left quite a hole to fill with snowfall totals at DIA still 20.5" below normal as of the first of the month. Total snowfall reported was 8.0" at DIA with 7.7" on average, resulting in 0.3" above normal. Not much above normal, but a move in the right direction if we hope to come anywhere close to seasonal averages by May. Total precipitation was 0.61" which was 0.10" above normal. There were 4 meaningful storms during the month and 5 days with measureable precipitation. Temperatures were about where they should be with high temperatures colder than normal but overnight lows were above normal producing a monthly mean temperature which was only 0.8 degrees above normal. There were more sunny days than cloudy days with 6 compared to 3 and the other 22 days were considered partly cloudy.

January Stats

TEMPERATURE (IN DEGREES F)

AVERAGE MAX	42.2	NORMAL 43.2	DEPARTURE -1.0
AVERAGE MIN	17.7	NORMAL 15.2	DEPARTURE 2.5
MONTHLY MEAN	30.0	NORMAL 29.2	DEPARTURE 0.8
HIGHEST	67 on the 28th		
LOWEST	-5 on the 12th		

DAYS WITH MAX 90 OR ABOVE	0	NORMAL	0
DAYS WITH MAX 32 OR BELOW	6	NORMAL	6.5
DAYS WITH MIN 32 OR BELOW	30	NORMAL	29.8
DAYS WITH MIN ZERO OR BELOW	4	NORMAL	3.8

TEMPERATURE RECORDS

No temperature records tied or broken.

HEATING DEGREE DAYS

MONTHLY TOTAL	1080	NORMAL 1111	DEPARTURE -31
SEASONAL TOTAL	3152	NORMAL 3579	DEPARTURE -445

COOLING DEGREE DAYS

MONTHLY TOTAL	0	NORMAL 0	DEPARTURE 0
YEARLY TOTAL	0	NORMAL 0	DEPARTURE 0

PRECIPITATION (IN INCHES)

MONTHLY TOTAL	0.61	NORMAL	0.51	DEPARTURE	0.10
YEARLY TOTAL	0.60	NORMAL	0.51	DEPARTURE	0.10
GREATEST IN 24 HOURS	0.45" from 1/9/2011-1/10/2011				
DAYS WITH MEASURABLE PRECIP.					5

SNOWFALL (IN INCHES)

MONTHLY TOTAL	8.0	NORMAL	7.7	DEPARTURE	0.3
SEASONAL TOTAL	12.8	NORMAL	33.3	DEPARTURE	-20.5
GREATEST IN 24 HOURS	6.8" on the 9th through 10th				
GREATEST DEPTH	NA				

WIND (IN MILES PER HOUR)

AVERAGE SPEED	9.2 mph
PEAK WIND GUST	44 mph from the N

MISCELLANEOUS WEATHER

NUMBER OF DAYS WITH THUNDERSTORM	0	NORMAL	0
NUMBER OF DAYS WITH HEAVY FOG	4	NORMAL	1
NUMBER OF DAYS WITH HAIL	0		
NUMBER OF SUNNY DAYS	6		
NUMBER OF PARTLY CLOUDY DAYS	22		
NUNMER OF CLOUDY DAYS	3		
AVERAGE RELATIVE HUMIDITY	56%		

February Preview

February is typically has relatively quiet weather with the lowest total monthly precipitation of any calendar month with only 0.49" on average. Snowfall also typically comes in on the light side with 6.3". As of the 11th of the month 0.42" of precipitation has already accumulated along with 5.3" of snowfall. Looks like we need just one more significant storm during the month to make it to normal or above in both categories. Unfortunately, the weather pattern for the middle of the month looks to be warm and dry as high pressure settles in with a chance for a storm or two late in the month as we begin to transition into a spring like pattern. Temperatures in February begin to warm with average highs 4 degrees warmer than January at 47.2 degrees. Average lows are also right around 4 degrees warmer with 19.1. This month will likely be near normal even with such a cold start to the month as the warmer weather anticipated to develop will offset the below normal temperatures early. The length of day becomes more noticeable in February as some days during the month can add up to 3 minutes of daylight. The sun now sets around 5:30pm and rises before 7:00am.

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

TEMPERATURE

AVERAGE HIGH	47.2
AVERAGE LOW	19.1
MONTHLY MEAN	33.2
DAYS WITH HIGH 90 OR ABOVE	0
DAYS WITH HIGH 32 OR BELOW	4
DAYS WITH LOW 32 OR BELOW	26
DAYS WITH LOWS ZERO OR BELOW	2

PRECIPITATION

MONTHLY MEAN	0.49"
DAYS WITH MEASURABLE PRECIPITATION	6
AVERAGE SNOWFALL IN INCHES	6.3"
DAYS WITH 1.0 INCH OF SNOW OR MORE	2

MISCELLANEOUS AVERAGES

HEATING DEGREE DAYS	892
COOLING DEGREE DAYS	0
WIND SPEED (MPH)	8.8 mph
WIND DIRECTION	South
DAYS WITH THUNDERSTORMS	Less than 1
DAYS WITH DENSE FOG	1
PERCENT OF SUNSHINE POSSIBLE	70%

EXTREMES

RECORD HIGH	77 on 2/28/2006 and 2/4/1890
RECORD LOW	-25 on 2/1/1951 and 2/8/1936
WARMEST	43.7 in 1954
COLDEST	17.6 in 1899

WETTEST
 DRIEST
 SNOWIEST
 LEAST SNOWIEST

2.01" in 1934
 0.01" in 1970
 22.1" in 1912
 Trace in 2009

Sunrise/Sunset (Jan - June Denver area)

	JAN	FEB	MAR	APR	MAY	JUN	
	sr - ss	sr - ss	sr - ss	sr - ss	sr - ss	sr - ss	
01	0721-0446	0707-0518	0633-0550	0644-0722	0600-0753	0534-0821	01
02	0721-0447	0707-0519	0631-0551	0642-0723	0559-0754	0533-0821	02
03	0721-0447	0706-0520	0630-0552	0641-0724	0558-0755	0533-0822	03
04	0721-0448	0705-0521	0628-0553	0639-0725	0557-0756	0533-0823	04
05	0721-0449	0704-0522	0627-0555	0638-0726	0556-0757	0532-0823	05
06	0721-0450	0703-0524	0625-0556	0636-0727	0554-0758	0532-0824	06
07	0721-0451	0701-0525	0624-0557	0635-0728	0553-0759	0532-0825	07
08	0721-0452	0700-0526	0622-0558	0633-0729	0552-0800	0532-0825	08
09	0720-0453	0659-0527	0621-0559	0631-0730	0551-0801	0531-0826	09
10	0720-0454	0658-0528	0619-0600	0630-0731	0550-0801	0531-0826	10
11	0720-0455	0657-0530	0618-0601	0628-0732	0549-0802	0531-0827	11
12	0720-0456	0656-0531	0616-0602	0627-0733	0548-0803	0531-0827	12
13	0719-0457	0655-0532	0714-0703	0625-0734	0547-0804	0531-0828	13
14	0719-0458	0653-0533	0713-0704	0624-0735	0546-0805	0531-0828	14
15	0719-0459	0652-0534	0711-0705	0622-0736	0545-0806	0531-0829	15
16	0718-0500	0651-0535	0710-0706	0621-0737	0544-0807	0531-0829	16
17	0718-0500	0650-0537	0708-0707	0619-0738	0543-0808	0531-0830	17
18	0717-0501	0648-0538	0706-0708	0618-0739	0543-0809	0531-0830	18
19	0717-0503	0647-0539	0705-0709	0617-0741	0542-0810	0531-0830	19
20	0716-0504	0646-0540	0703-0710	0615-0742	0541-0811	0532-0830	20
21	0716-0505	0644-0541	0702-0711	0614-0743	0540-0812	0532-0831	21
22	0715-0506	0643-0542	0700-0712	0612-0744	0539-0813	0532-0831	22
23	0715-0507	0641-0543	0658-0713	0611-0745	0539-0814	0532-0831	23
24	0714-0508	0640-0545	0657-0714	0610-0746	0538-0814	0532-0831	24
25	0713-0509	0639-0546	0655-0715	0608-0747	0537-0815	0533-0831	25
26	0712-0511	0637-0547	0654-0716	0607-0748	0537-0816	0533-0831	26
27	0712-0512	0636-0548	0652-0717	0605-0749	0536-0817	0533-0832	27
28	0711-0513	0634-0549	0650-0718	0604-0750	0536-0818	0534-0832	28
29	0710-0514		0649-0719	0603-0751	0535-0818	0534-0832	29
30	0709-0515		0647-0720	0602-0752	0535-0819	0535-0832	30
31	0708-0517		0646-0721		0534-0820		31

Snowfall

Sept 2010 to May 2011

City	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
Aurora (Central)	0.0	0.0	3.3	3.0	8.8					15.1
Brighton	0.0	0.0	0.7	4.0	6.6					11.3
Broomfield	0.0	0.0	1.6	4.1	8.9					14.6
Castle Rock 4 NE	0.0	0.0	4.4	4.0	8.1					16.5
Colo Sprgs Airport	0.0	0.0	0.2	4.0	1.5					5.7
Denver DIA	0.0	0.0	1.5	3.3	8.0					12.8
Denver Downtown	0.0	0.0	3.1	4.2	11.0					18.3
Golden	0.0	0.0	1.7	8.1	13.8					23.6
Fort Collins	TR	0.0	5.0	4.3	6.0					15.3
Highlands Ranch	0.0	0.0	1.5	5.8	11.6					18.9
Lakewood	0.0	0.0	1.1	3.5	8.7					13.3
Littleton	0.0	0.0	0.2	5.5	10.5					16.2
Parker	0.0	0.0	4.9	2.5	9.6					17.0
Sedalia - Hwy 67	0.0	0.0	5.0	4.0	9.3					18.3
Thornton	0.0	0.0	0.6	4.7	8.1					13.4
Westminster	0.0	0.0	2.0	4.6	10.9					17.5
Wheatridge	0.0	0.0	1.5	5.7	11.4					18.6



Jan 10, 2011 Founders Village, Castle Rock, CO



Jan 10, 2011 Castle Oaks, Castle Rock, CO

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