

agweather connection

FARM FORECAST

AS FALL GRADUALLY TURNS TO WINTER, weather forecasts are reviewed, discussed and argued. Will it freeze or will it not freeze? Will it snow? Is a cold front coming? Is an ice storm imminent? The Agweather Web site offers numerous options for weather forecasts. Many of these forecasts are developed by the National Weather Service.

"There are four National Weather Service offices that produce forecasts for Oklahoma's 77 counties," said Rick Smith, Warning Coordination Meteorologist at the National Weather Service Norman Forecast Office. "There are about 10 forecasters for each office who work around the clock developing forecasts."

To create a forecast, meteorologists look at a large amount of information ranging from observations, weather balloons, radar, satellite and computer models, Smith said. They take this information and produce a forecast, which could be for 30 minutes into the future or up to 8 days. The Agweather Web site features the National Weather Service [Forecast at a Glance and Detailed Forecast](#) page, which presents a pictorial of the forecast as well as a detailed explanation. "This is a great one-stop shopping place to get you started," said Smith. "It gives you an overview of the weather in pictures and words."

Agweather also offers the National Weather Service [Hour-By-Hour Forecast](#) that can display up to nine variables including temperature, rain, relative humidity and wind. "This forecast is good for lots of different people. Anyone can use it," said Smith. "You can look at only what you are interested in and turn off all of the other stuff."

Another forecast option is the [National Weather Service Regional Outlook](#). This forecast gives you a picture of the most important weather story that is happening, said Smith. It could be severe weather, wild fires, winter weather or simply a cold or warm front. "This is a very popular forecast," said Smith. "People are able to get a lot more out of these maps and pictures than they can out of just words."

Agweather also presents [long-range outlooks](#) that offer an idea of the weather up to more than a year in the future. The outlooks are developed by the Climate Prediction Center, a branch of the National Weather Service. These outlooks are less precise than forecasts and denote whether temperatures and precipitation will be above normal, below normal or if there is an equal chance of being above or below normal, said Smith.

Because of the uncertainty of Oklahoma weather, forecasts offer a useful way to plan activities. The Agweather Web site takes a number of helpful, expert forecasts and packages them into one easy-to-use site.



Forecast at a Glance

- Start at <http://agweather.mesonet.org>
- Make sure you have selected your closest Mesonet tower in the "Current Weather at" section on the right
- Select "Forecast" from the horizontal menu
- The forecast is automatically displayed. It shows the Forecast at a Glance at the top and the Detailed Forecast below

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Home Weather Soil/Water Radar/Satellite **Forecast** Climate Livestock Crop Horticulture Range/Forest

NAT. WEATHER SERVICE
WATCHES AND WARNINGS
FORECAST TABLE
DISPERSION FORECAST
DROUGHT FORECAST
AVIATION FORECAST
LONG RANGE FORECASTS

Your National Weather Service forecast
Perkins OK

Enter Your "City, ST" or zip code

NWS Norman, OK
Point Forecast: Perkins OK
36.02°N 97.05°W
Forecast Valid: 9pm CDT Sep 30, 2009-6pm CDT Oct 7, 2009

Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday	Sunday Night
30% Chance Tstms Lo 58 °F	30% Severe Tstms Hi 80 °F	Partly Cloudy Lo 46 °F	Sunny Hi 75 °F	Clear Lo 47 °F	Sunny Hi 72 °F	20% Slight Chc Tstms Lo 51 °F	30% Chance Tstms Hi 77 °F	30% Chance Tstms Lo 61 °F

Detailed 7-day Forecast Current Conditions

Hazardous weather condition(s):
[Hazardous Weather Outlook](#)
[Short Term Forecast](#)

Stillwater Regional Airport
Lat: 36.16 Lon: -97.09 Elev: 1011
Last Update on Sep 30, 7:53 pm CDT

Hour-by-Hour Forecast

- Start at <http://agweather.mesonet.org>
- Make sure you have selected your closest Mesonet tower in the "Current Weather at" section on the right
- Select "Forecast" from the horizontal menu
- Choose "NAT. WEATHER SERVICE"
- Click "Hour-by-Hour Forecast" from the left menu
- This forecast allows you to check the items you are interested in looking or uncheck the items you do not wish to see

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Home Weather Soil/Water Radar/Satellite **Forecast** Climate Livestock Crop Horticulture Range/Forest

NAT. WEATHER SERVICE
Hour-by-Hour Forecast
NWS Regional Outlook
NWS FORECAST OFFICES
Amarillo (Panhandle)
Norman/OKC
Shreveport (McCurtain)
Tulsa

WATCHES AND WARNINGS
FORECAST TABLE
DISPERSION FORECAST
DROUGHT FORECAST
AVIATION FORECAST
LONG RANGE FORECASTS

National Weather Service Forecast Office
Norman, OK

Home News Organization Search for:

Point Forecast: Perkins OK
36.02°N 97.05°W
Last Update: 6:20 pm CDT Sep 30

Hourly Weather Forecast Graph

Temperature (°F) Surface Wind (mph) Thunder
 Dewpoint (°F) Sky Coverage Rain
 Heat Index (°F) Precipitation Potential Relative Humidity

48-Hour Period Starting: 9pm Wed, Sep 30

Temperature (°F) graph showing values from 40 to 80 over the 48-hour period.

Rel. Humidity (%) graph showing values from 100% to 200% over the 48-hour period.

Regional Outlook

- Start at <http://agweather.mesonet.org>
- Make sure you have selected your closest Mesonet tower in the "Current Weather at" section on the right
- Select "Forecast" from the horizontal menu
- Choose "NAT. WEATHER SERVICE"
- Click "NWS Regional Outlook" from the left menu
- This forecast gives you a picture of the most important weather story that is happening

National Weather Service Forecast Office
Norman, OK

Local News Home Organization Search

Local forecast by "City, St" or zipcode

Original Main Page
What's Happening
Weather Reports
Weather Overview
Oklahoma Mesonet
West Texas Mesonet
Weather Monitor
Quick Weather
Watch/Warning Maps
Rivers/Lakes AHPs
Satellite Images
Radar Images
- Central Oklahoma
- SW OK/NW TX
- Northern Oklahoma
- Northeast
Oklahoma
- Southern Plains
Road Conditions
- Oklahoma
- Texas
- Nationwide
What's Expected
7-day Hazards Outlook
Your Forecast

Participate in a Hall Observation Project Be a CoCoRaHS Observer! NWS Norman Web Site Survey

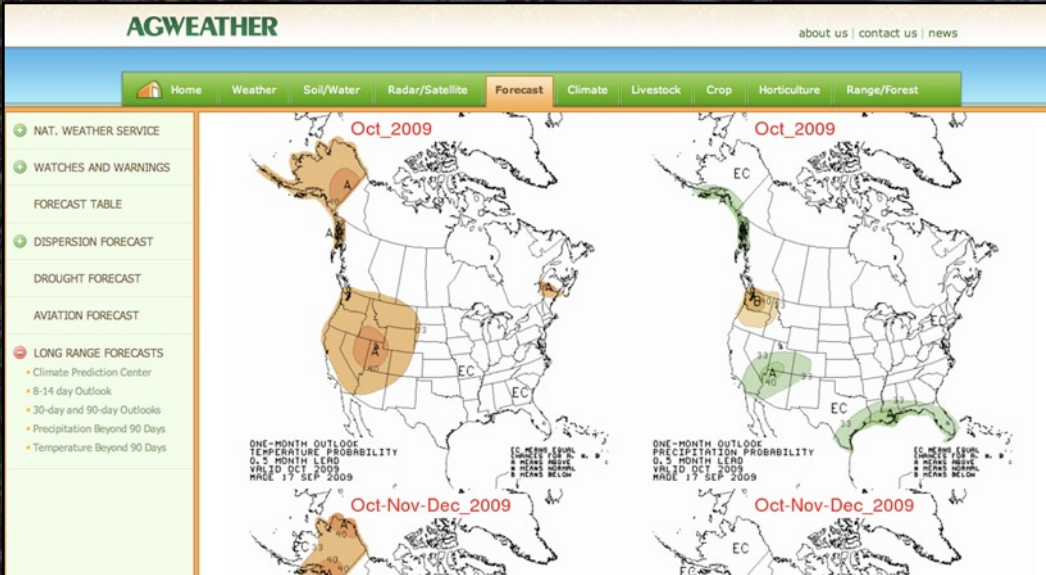
...CHANCE OF SHOWERS AND THUNDERSTORMS THROUGH THURSDAY...

Short Term Forecast **until 9 pm today**
isolated thunderstorms moving from panhandles gusty winds to 60 mph large hail possible

Short Term Forecast **Tonight**
isolated showers and thunderstorms the latest of these showers and large hail before 11 pm

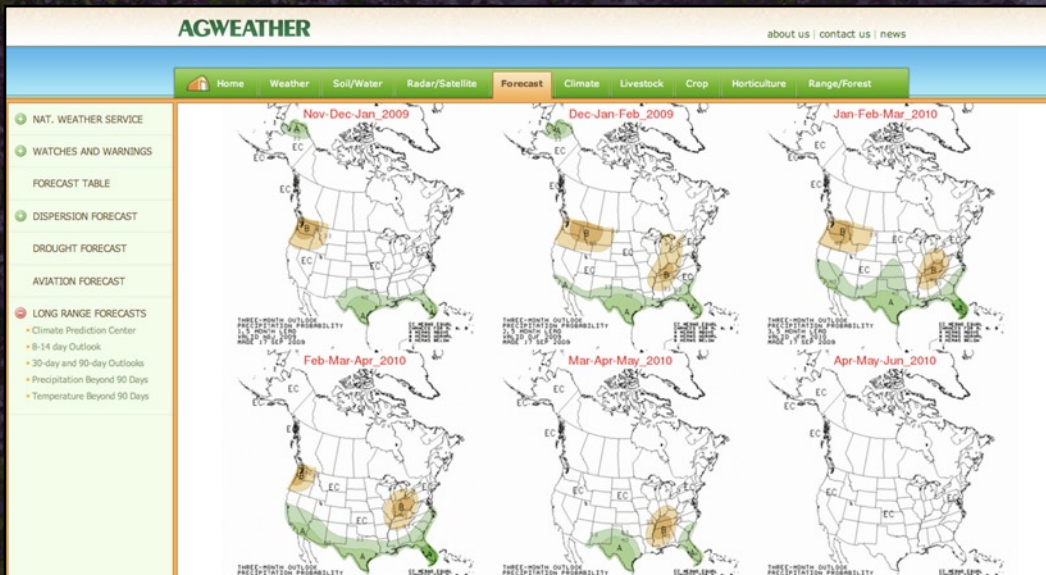
Short Term Forecast **Thursday**
thursday

Graphiccast Wed Sep 30 7:07PM CDT
Norman Forecast Office



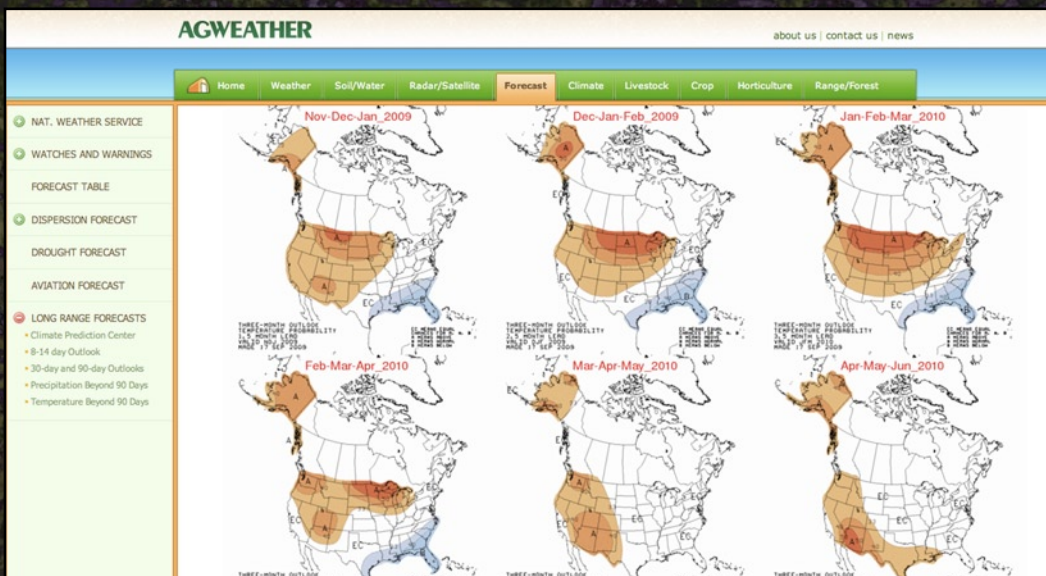
30- and 90-day Outlooks

- Start at <http://agweather.mesonet.org>
- Make sure you have selected your closest Mesonet tower in the "Current Weather at" section on the right
- Select "Forecast" from the horizontal menu
- Choose "LONG RANGE FORECASTS"
- Click "30-day and 90-day Outlooks"
- This outlook shows Temperature and Precipitation for 30 days and the next 90 days in the future



Precipitation Beyond 90 Days

- Start at <http://agweather.mesonet.org>
- Make sure you have selected your closest Mesonet tower in the "Current Weather at" section on the right
- Select "Forecast" from the horizontal menu
- Choose "LONG RANGE FORECASTS"
- Click "Precipitation Beyond 90 Days"
- This outlook shows precipitation for over a year into the future



Temperature Beyond 90 Days

- Start at <http://agweather.mesonet.org>
- Make sure you have selected your closest Mesonet tower in the "Current Weather at" section on the right
- Select "Forecast" from the horizontal menu
- Choose "LONG RANGE FORECASTS"
- Click "Temperature Beyond 90 Days"
- This outlook shows temperature for over a year into the future

thumbs up?



thumbs down?

How are we doing? Do you like the Agweather Connection newsletter? Do you like the Agweather Web site? How could we make them better?
Click here to take a quick 10-question survey.