

The Drought Impact Reporter

National Drought Mitigation Center

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About the DIR Map Submit Help

Welcome, Drought Fan!

Impacts

First 1 2 3 4 5 Last

- Pecan Crop in Guadalupe County devastated by drought**
12/14/2009 • 12/20/2009
Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet quam egestas semper.
- Monte Vista Water District in stage two water restrictions**
12/20/2009 • 12/30/2009
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- Geese drawn to Lubbock lakes as area lakes dwindle**
12/15/2009 • 12/15/2009
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Raleigh, North Carolina

April 1, 2010

Tonya Bernadt

Research and Outreach Specialist

Are you familiar with the Drought Impact Reporter?

X A. Yes

X B. No

Why Record Drought Impacts?

NDMC mission:

To reduce vulnerability to drought before the next one happens

- Impacts point to vulnerability
- Mitigation and response

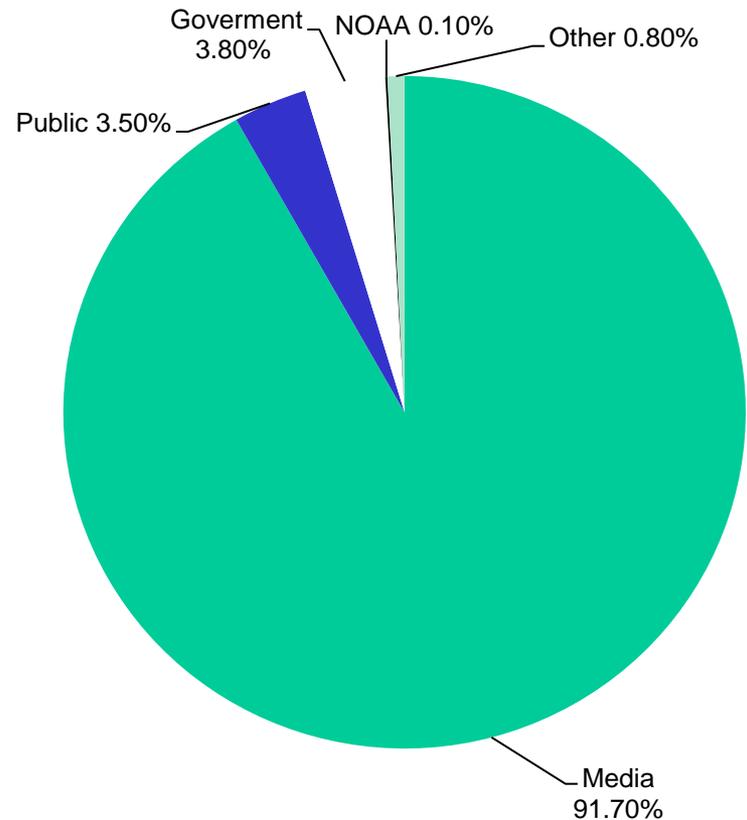
Drought Impact Reporter Statistics

- On-line since July 2005
- DIR 2.0 to be released in 2010
- 9,572 impacts since 2006
- 92% are from media reports

What's in the Current DIR?

Impact Categories:

- | | |
|--|--|
| <input checked="" type="checkbox"/>  Agriculture | <input checked="" type="checkbox"/>  Fire |
| <input checked="" type="checkbox"/>  Water/Energy | <input checked="" type="checkbox"/>  Social |
| <input checked="" type="checkbox"/>  Environment | <input checked="" type="checkbox"/>  Other |



What's in the Current DIR?

Impacts extracted from the Media

Drought Impact Event

The city manager stated that Raleigh's water rates must be increased by 17 % to compensate for lower revenues as people continue to conserve water. Revenue for Raleigh's water system is projected to fall 10 % below the budgeted amount for the fiscal year, which ends June 30. The rate increase has not yet been approved.

Categories: Water/Energy

Source: Media

Dates of Impact: 2008-07-01 to 2009-04-07

External URL:

<http://www.newsobserver.com/news/story/1475190.html>

Drought Impact Event

Red oaks in North Carolina have produced an exceptionally large number of acorns this year, partly in response to last year's drought.

Categories: Environment

Source: Media

Dates of Impact: 2009-10-19 to 2009-10-19

External URL:

<http://www.charlotteobserver.com/local/story/1008...>

Who Uses This Information?

The Public

As a voice in the policy process

Decision makers / resource managers

Drought Monitor

Early indicator of drought conditions

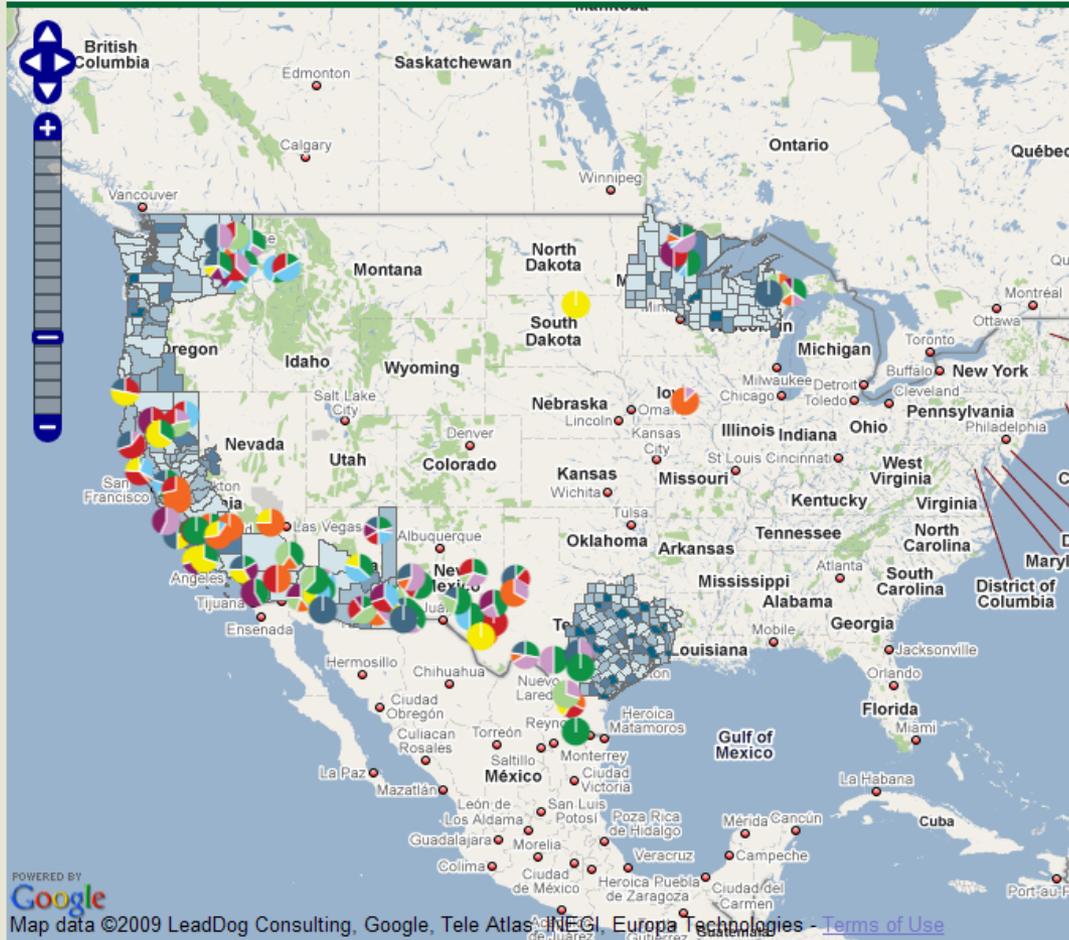
Ground truthing the Drought Monitor

DIR 2.0 Enhancements

More user-friendly design

Improved searching and mapping

Welcome, Drought Fan!



Impacts

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Pecan Crop in Guadalupe County devastated by drought

12/14/2009 • 12/20/2009

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Monte Vista Water District in stage two water restrictions

12/20/2009 • 12/30/2009

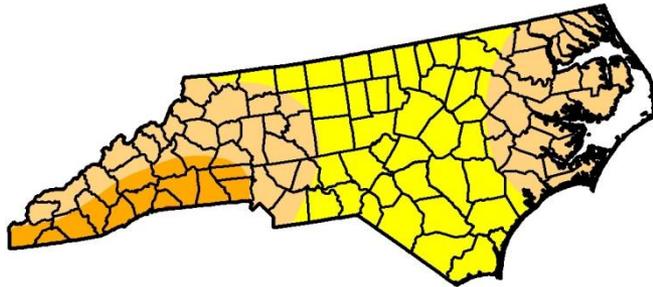
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Geese drawn to Lubbock lakes as area lakes dwindle

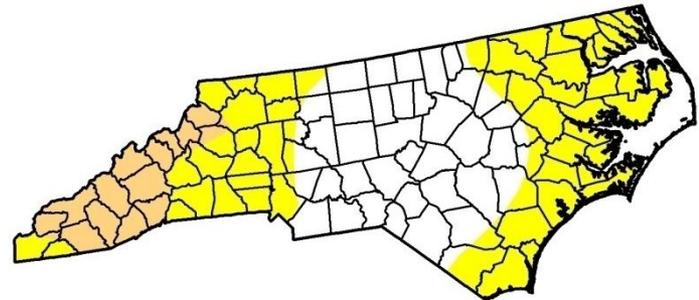
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How the DIR is Incorporated into the Drought Monitor

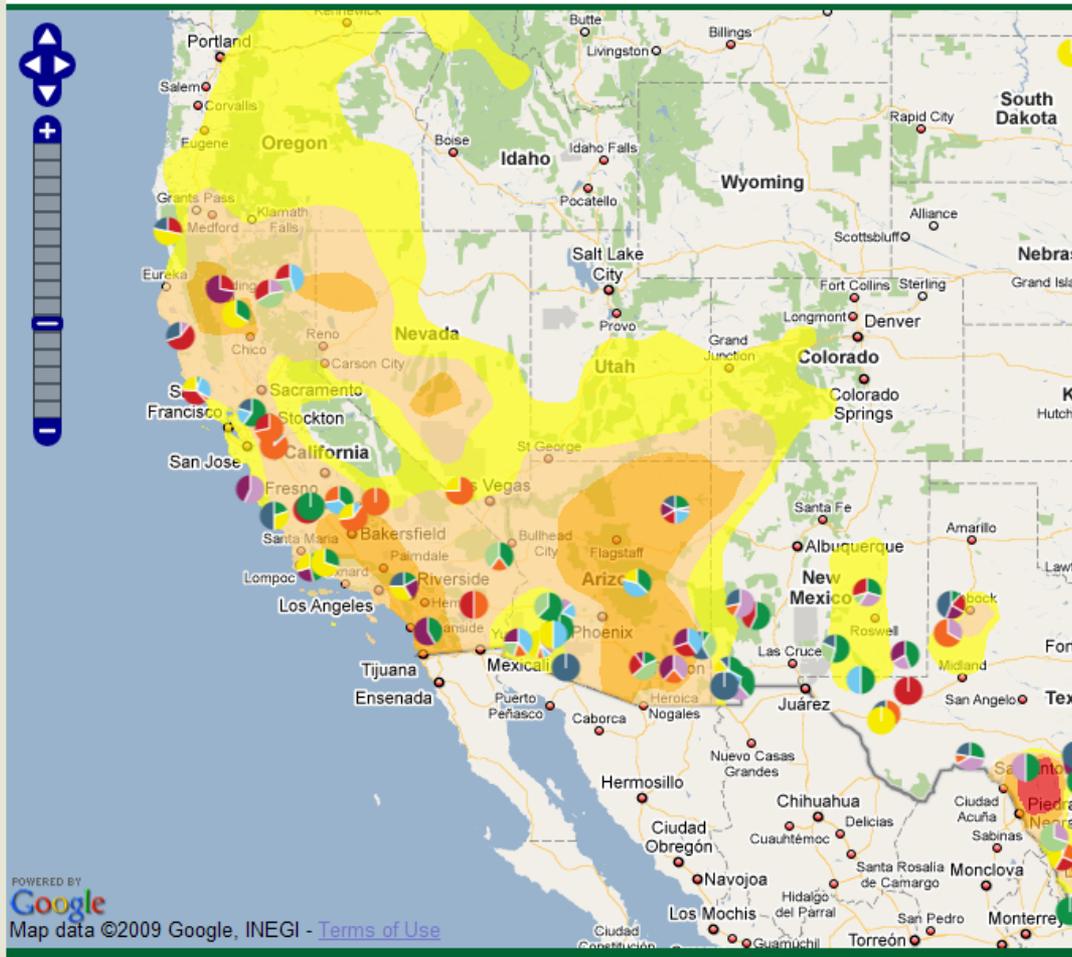


February 24, 2009



April 28, 2009

Welcome, Drought Fan!



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Table of Contents

- Impacts
- Reports
 - Agriculture
 - Business & Industry
 - Relief, Response & Restrictions
 - Energy
 - Fire
 - General Awareness
 - Plants & Wildlife
 - Society & Public Health
 - Tourism & Recreation
 - Water Supply & Quality
- Burn Bans
- Water Restrictions
- CoCoRaHS Reports
- NWS Drought Statements
- Drought Monitor
 - D0 - Abnormally Dry
 - D1 - Moderate Drought
 - D2 - Severe Drought
 - D3 - Extreme Drought

DIR 2.0 Enhancements

- More user-friendly design
 - Improved searching and mapping
- Change in category names

Impact Categories

Current

Impact Categories:

- | | |
|--|--|
| <input checked="" type="checkbox"/>  Agriculture | <input checked="" type="checkbox"/>  Fire |
| <input checked="" type="checkbox"/>  Water/Energy | <input checked="" type="checkbox"/>  Social |
| <input checked="" type="checkbox"/>  Environment | <input checked="" type="checkbox"/>  Other |

Planned

Report Categories

-  Agriculture
-  Business & Industry
-  Energy
-  Fire
-  Plants & Wildlife
-  Relief, Response, & Restrictions
-  Society & Public Health
-  Tourism & Recreation
-  Water Supply & Quality

DIR 2.0 Enhancements

- More user-friendly design
 - More efficient use of screen space
 - Improved searching and mapping
- Change in category names
- Distinguishes between reports and impacts

Reports vs. Impacts

Report: News article that might not have specific impact details

Impact: Discusses a specific drought impact (i.e. specific result of drought; example mandatory water restrictions)

DIR 2.0 Enhancements

- More user-friendly design
 - More efficient use of screen space
 - Improved searching and mapping
- Change in category names
- Distinguishes between reports and impacts
- **New “submit a report” form**
 - Ability to add photos

Who should enter impacts into the Drought Impact Reporter?

X

A. General Public (i.e. individual ag producers, business owners and citizens)

X

B. County FSA and / or Extension representatives

X

C. Ag producer organizations

X

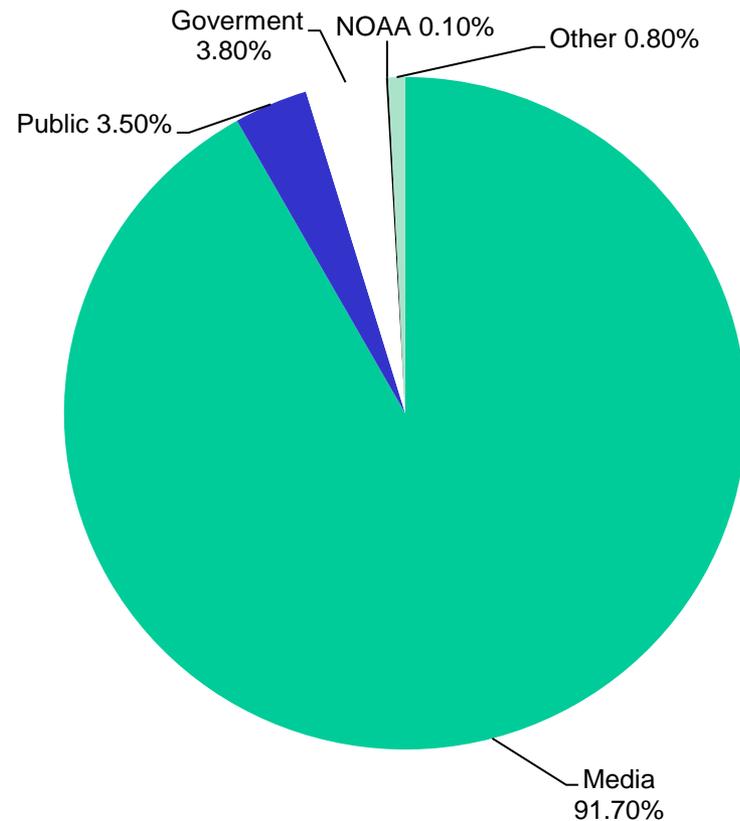
D. All of the above

X

E. Other

Anyone Can Submit On The Drought Impact Reporter

We would like to increase non-media reports



Submit a Report

** indicates required field*

Description

What effects of drought are you experiencing?*

Related Link

Submit a Report

Report Categories

Please check any and all categories that apply to the report you are submitting. For more information on categories of drought impacts and reports, please click on the blue help icon.

Submit baseline reports when you're not experiencing drought so we can compare your drought reports with them. Please select at least one category along with baseline report.

If an amount of money is associated with the impact, please consider providing that information in the box to the right of the category. Including a dollar amount means you agree to allow it to be used as a summary statistic.

- Baseline Report
-  Agriculture
-  Business & Industry
-  Energy
-  Fire
-  Plants & Wildlife
-  Relief, Response & Restrictions
-  Society & Public Health
-  Tourism & Recreation
-  Water Supply & Quality

If you included a dollar amount, may we publish it along with the rest of your report?

Yes No

Submit a Report

Affected Places

Choose the affected places

State

County

Clear Selection

City

Clear Selection

Add Location

Places Chosen

Clear selected locations

Clear all locations

Submit a Report

Duration

Drought is a gradual, slow-moving phenomenon. The start date is an approximation. End dates are not required.

Start Date*

  MM/dd/yyyy

End Date

  MM/dd/yyyy

Images

Attach image/photo(s) for the report

Images

Attach image/photo(s) for the report

Attach up to 5 gif/jpg/jpeg/png image files.

Browse to attach photo.*

1) Who took the photo?* (Enter "Anonymous" if the photographer does not wish to be identified.)

2) When was the photo taken?*

  MM/dd/yyyy

3) Where was the photo taken?*

4) What effect of drought does it show?*

5) What else should we know about why this is important? For example, how would this scene look different in a non-drought year?

6) Additional caption information?

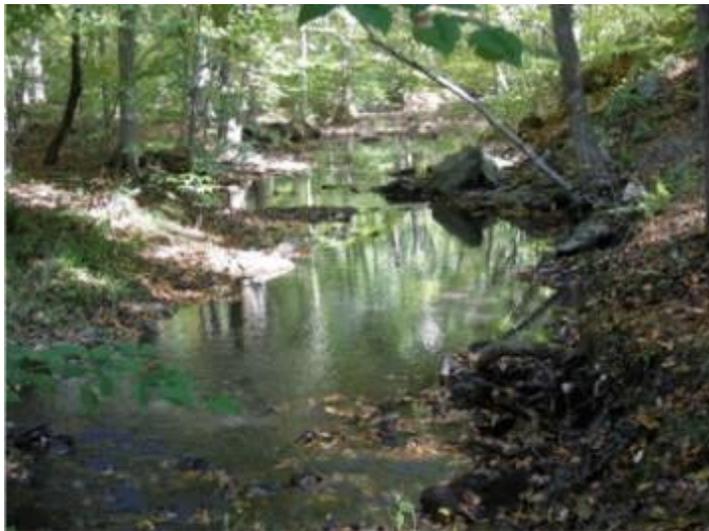
By submitting this image, you agree that we may publish it in the Drought Impact Reporter, and that it will be displayed along with other information pertinent to drought impacts. We'll be sure to give you credit unless you prefer to remain anonymous.

In addition, may we use the photo elsewhere on the website of the National Drought Mitigation Center, such as the photo gallery? Please note that drought.gov links to our photo gallery.

Yes No

Add Drought Impact Photos

- Photographer
- Date
- Place
- What does it show? How would it look in a non-drought year?
- Permission to use?
- Allows up to 5 photos per submission



October 2006



October 2007

Photos of Morgan Creek, North Carolina, from Jody Seim Timmins

Contact Information

Full Name*

What type of observer are you?*

Organization

Address Line 1

Address Line 2

Town/City* (select a state below to get Town/City list)

State*

Zip Code

Phone

Email Address*

Along with your report, may we publish your name?

Yes No

Along with your report, may we publish your organization?

Yes No

The NDMC will not release your contact information to any third party without first getting in touch with you for permission. If you answer yes to both of the questions above, your name, organization, city and state will appear. If you answer no, your report will be identified only by city and state.



Enter the code shown:

Welcome, Drought Fan!

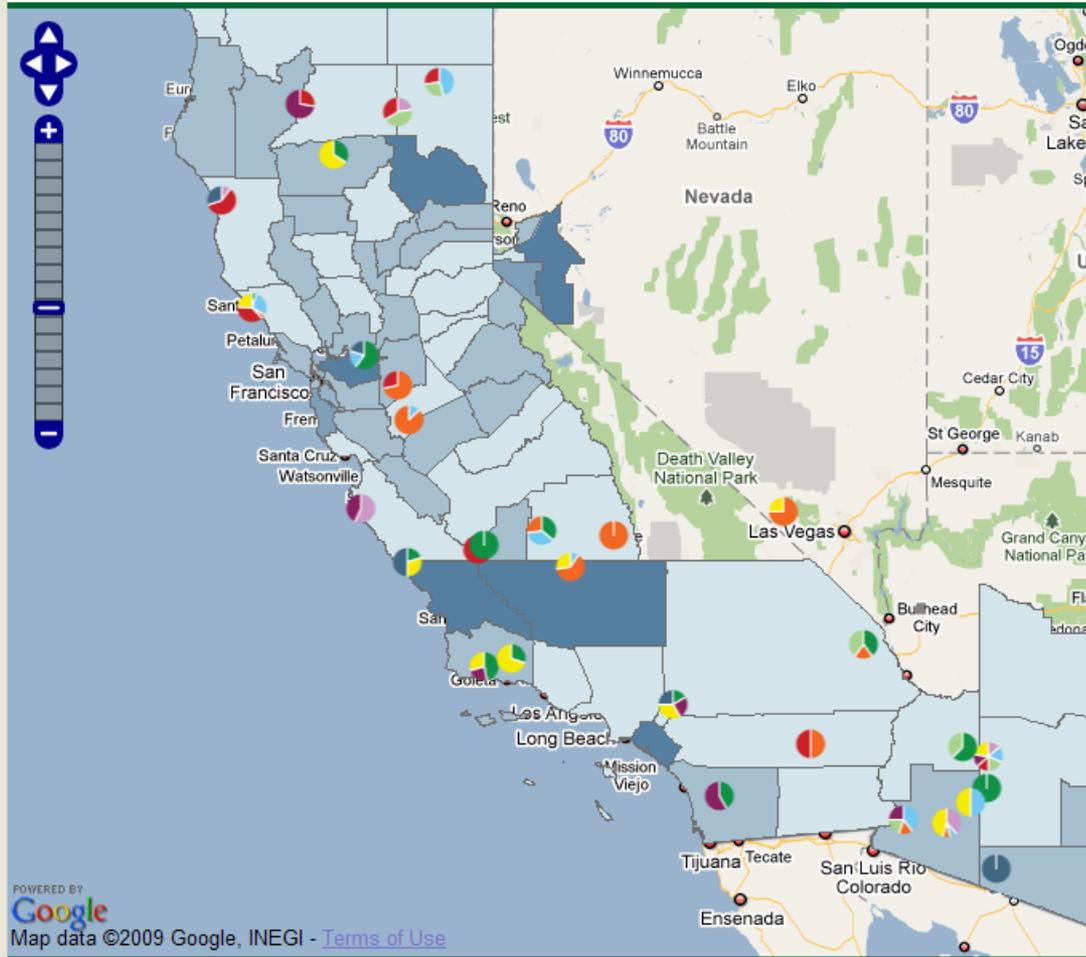


Table of Contents

- Impacts
 - No Impacts
 - 1-5 Impacts
 - 6-10 Impacts
 - 11-20 Impacts
 - 20-50 Impacts
 - 50+ Impacts
- Reports
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 - CoCoRaHS Reports
 - NWS Drought Statements
 - Drought Monitor
 - HUC 2
 - HUC 4
 - HUC 6
 - HUC 8
 - Climate Divisions
 - County Warning Areas

Potential Networks to Add

- NWS Drought Reports
- CoCoRaHS
- State reports: water systems, wildfire, burn bans
- Extension Agents
- State agencies, organizations, researchers
- Any others?

What might motivate people to submit information to the Drought Impact Reporter?

- A. Employment related or part of job duties
- B. Organization related (i.e. family business or church)
- C. Personal (i.e. a need to communicate or another reason)
- D. All of the above
- E. Other

Thank you!
Tonya Bernadt
tbernadt5@unl.edu

DIR URL:
<http://droughtreporter.unl.edu/>