

Drought Impact Reporter Overview

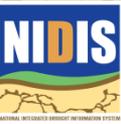


From Washington County, Georgia: what is left of an 11-acre pond that has been there for 50+ years. The brown grass in the photos is typically under water during normal times. Photos are taken by Pete Golden.

Kelly Helm Smith

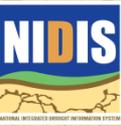
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U.S. Drought Monitor Forum
April 16-18, 2013
West Palm Beach, Florida



Drought Impact:

An observable loss or change that occurred at a specific place and time because of drought.



Examples of Impacts

- ▶ Loss of agricultural production
- ▶ Layoffs, i.e., plant closure in Plainview, Texas
- ▶ Loss to landscaping businesses & carwashes
- ▶ Losses due to wildfire
- ▶ Losses to seafood and fisheries affected by salinity
- ▶ Loss of wildlife habitat
- ▶ Loss of ecosystem services



What's an impact? Depends! Who's asking?

- USDM author: real-time indicator
- Drought mitigator (i.e., someone rewriting the Farm Bill): realized losses for a growing season
- Various time-scales for various decisions



Reports

Media

User

CoCoRaHS

Agency

NWS DIS

Burn bans

Water restrictions

Hawaii

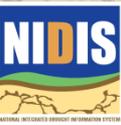
Impacts

- Map w/ stats
- Advanced search w/ stats
- CSV export

Input

aggregation

output

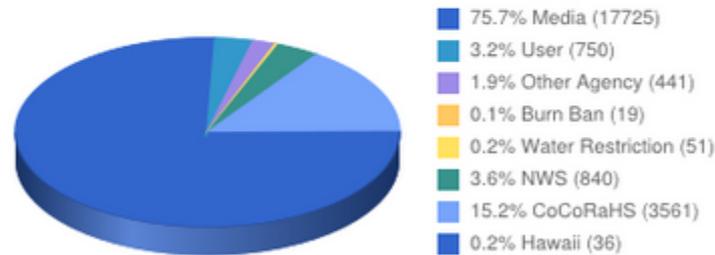


What's in the DIR

Welcome to the Drought Impact Reporter!

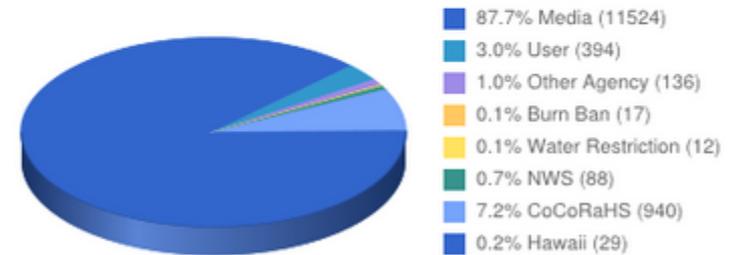
Report Composition

23,423 reports

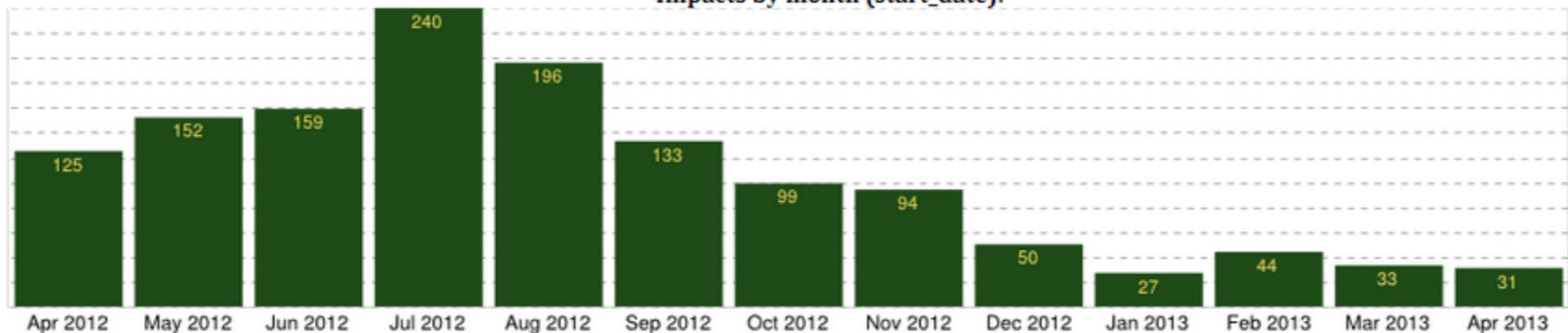


Impact Composition

16,206 impacts

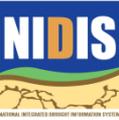
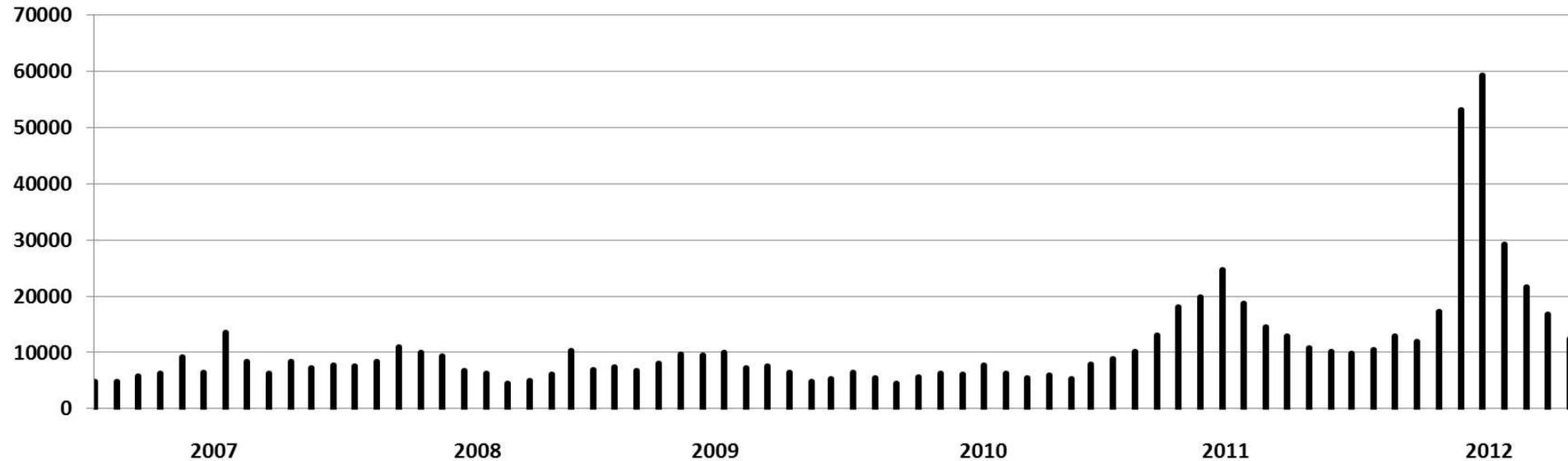


Impacts by month (start_date):

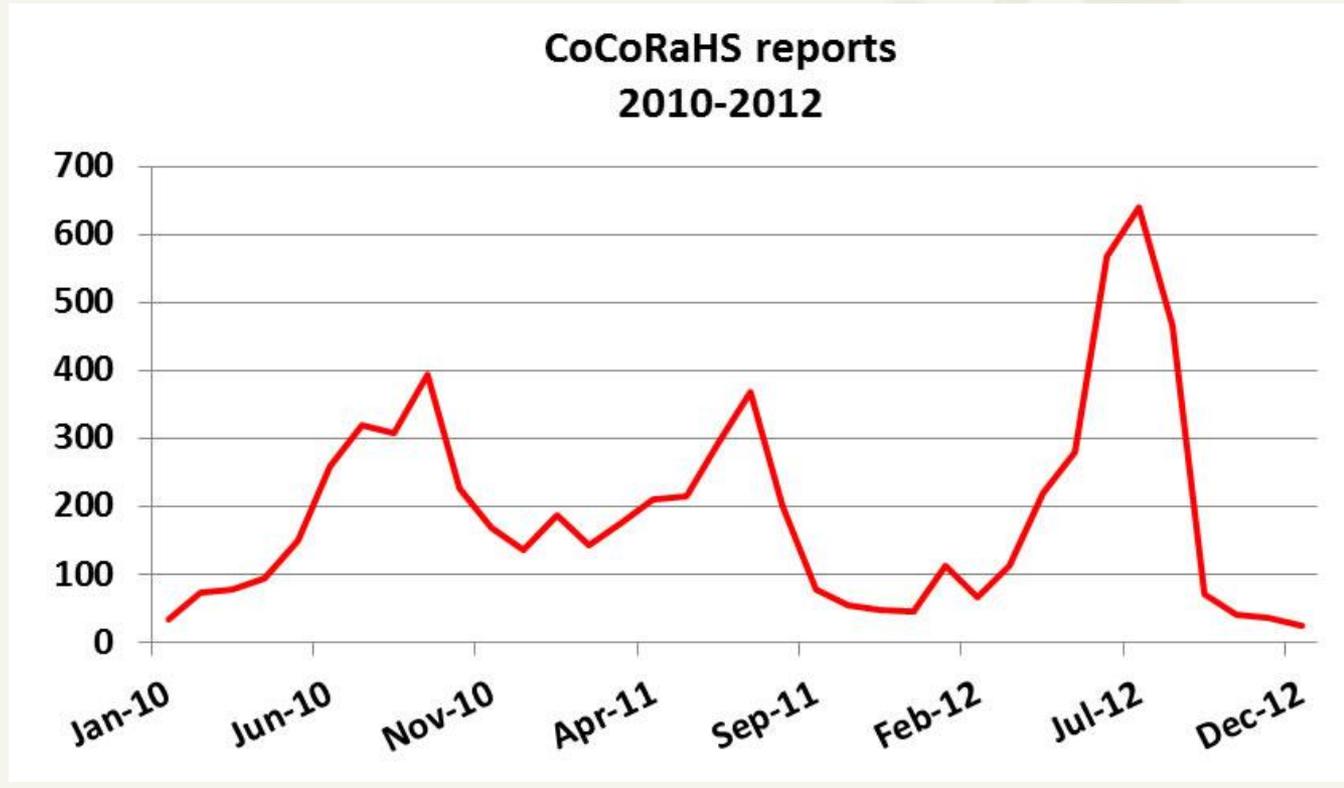


Total Media Reports Found

Articles per month 2007 - 2012

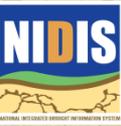
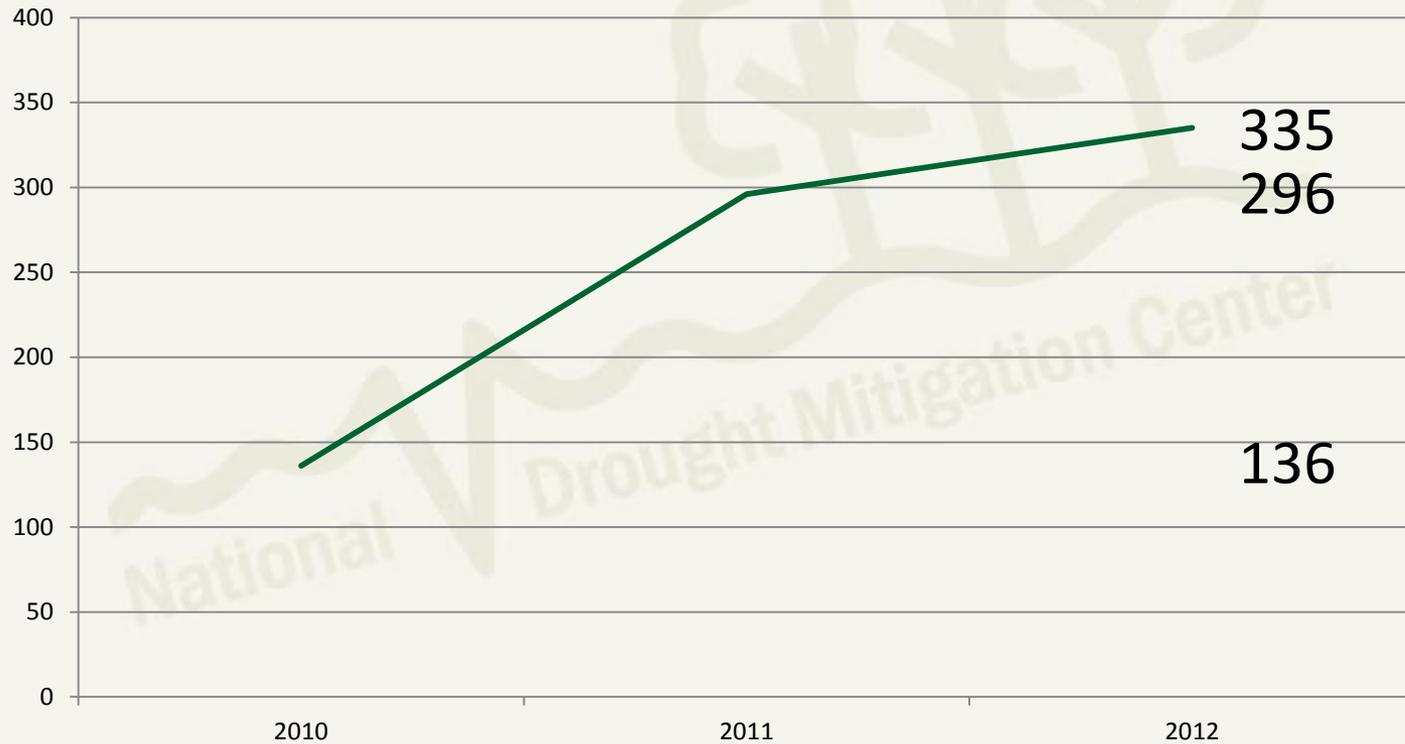


CoCoRaHS Drought Reports



User Reports, 2010-2012

User Reports



Questions, comments, ideas?

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