

Colorado Flood Threat Bulletin: Overview and Updates

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CWCB Water Availability & Flood Task Force Meeting

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Hello Colorado friends!



- Life in Phoenix has kept me walking fast – did PHX Half Marathon 2/28/2015.
- My wife Karen's cancer is in complete remission.
- The Henz's are still Bronco Fans!!!
- All the best!



Outline

- Overview of Colorado Flood Threat Bulletin (FTB)
- 2014 season statistics
- 2015 improvements

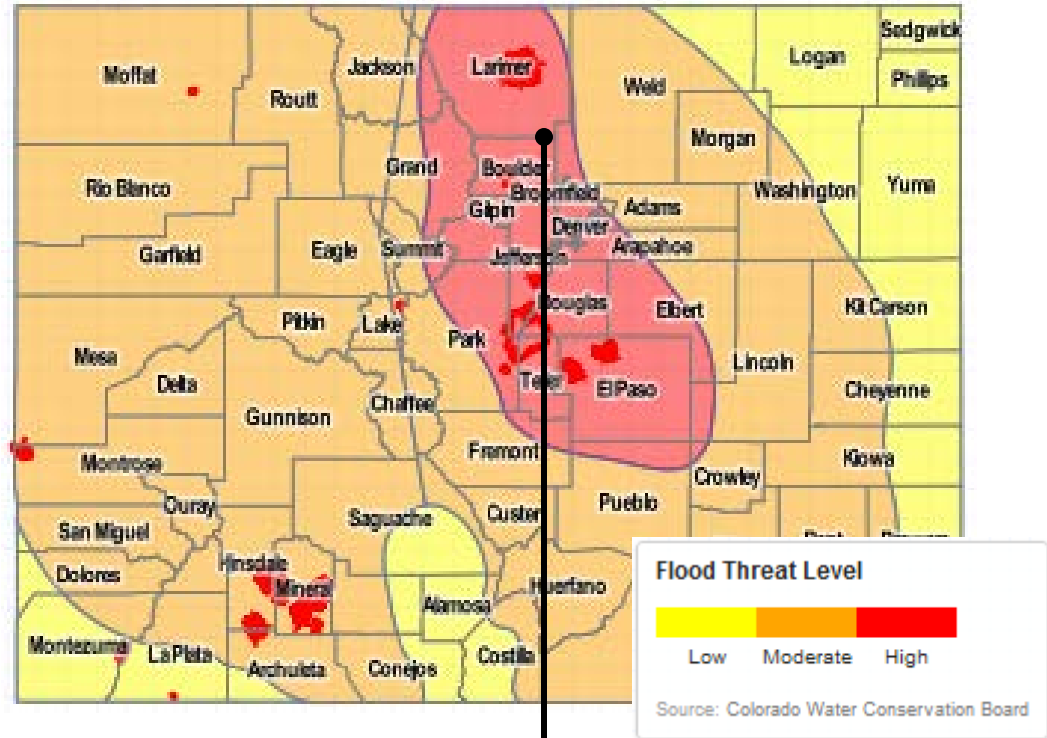
Colorado Flood Threat Bulletin



www.coloradofloodthreat.com

- Daily statewide forecasts of flood threat from May 1 – September 30
- Issued by 11AM
- Spatial threat identification
- “Prime time” for storms
- Threat of flooding occurrence

Forecast for July 29, 2014



Chance of Precip	Prime Time	Discussion
>90%	4PM – 11PM	HIGH flash flood threat. Up to 3-5 inches per 3 hours. Rain will produce serious flash flood threat. Review flood response plans. Mudslides likely and hail to 1 inch possible.

Flood Threat Outlook

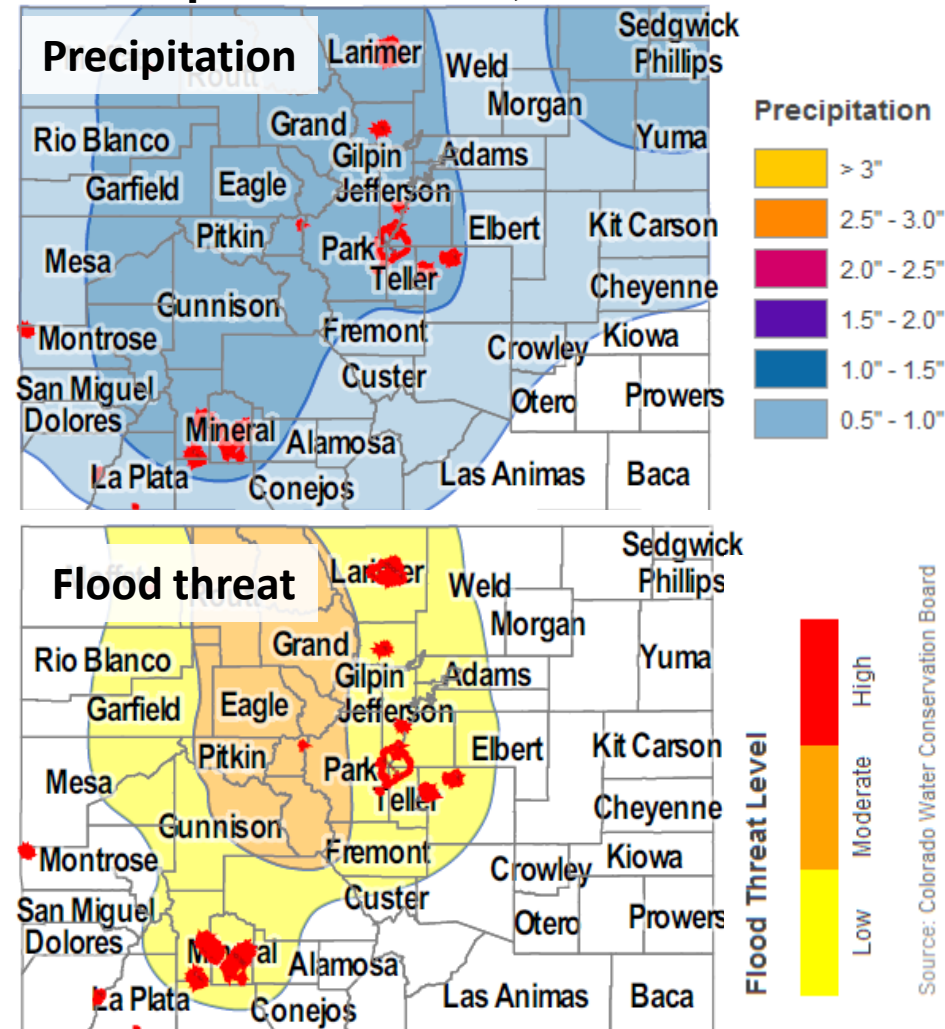


COLORADO
Colorado Water
Conservation Board
Department of Natural Resources

www.coloradofloodthreat.com

- Precipitation and flood threat outlook for the next 15 days
- Issued Monday & Thursday by 3pm
- Relevant for EMs, water planners, agricultural ops and recreation

September 25-29, 2014

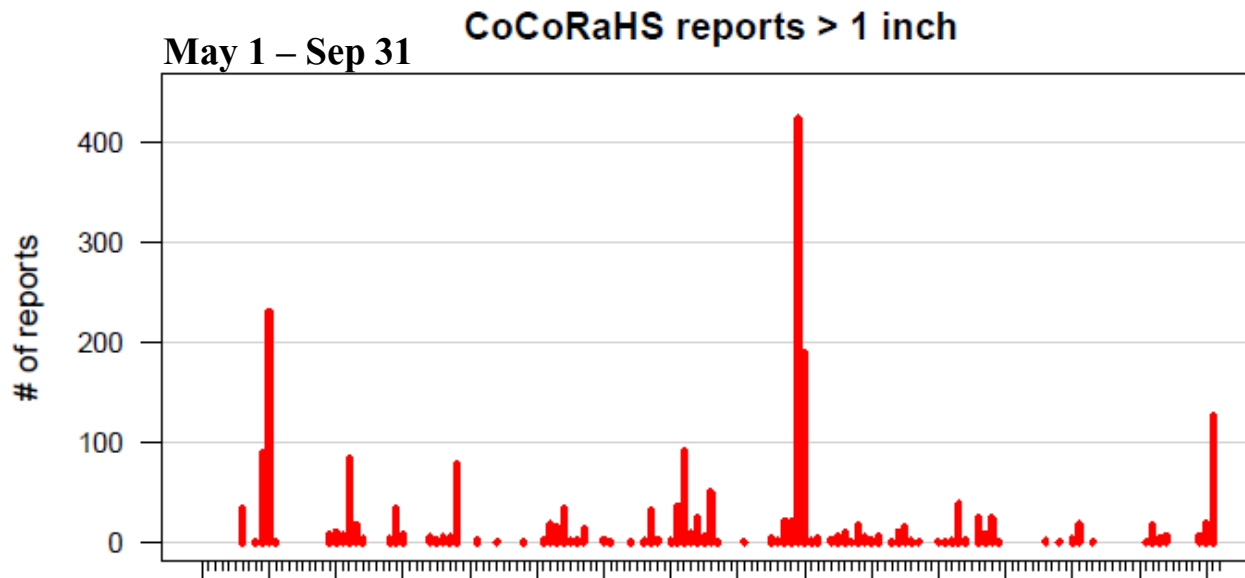




Outline

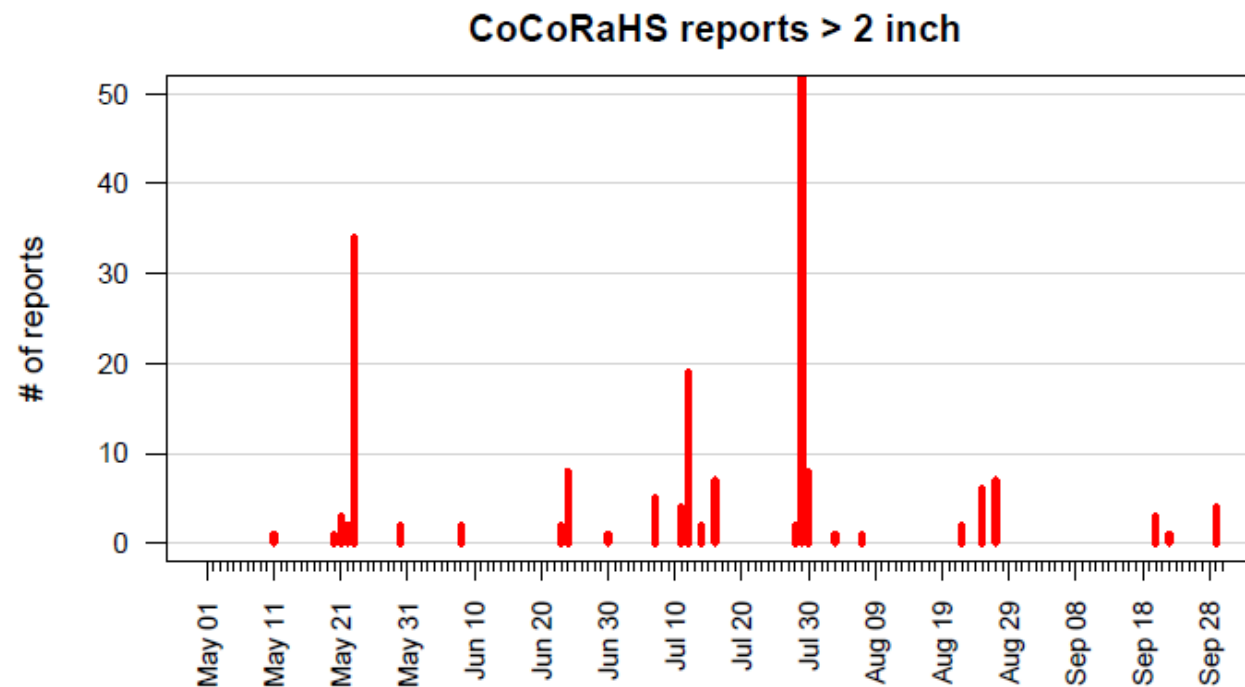
Recap of 2014

Active season!



Days with 1" +

- 86/153 (56%) days with 1 inch report
- 69/153 (45%) days with 1 inch report at more than 1 station



Days with 2" +

- 26/153 (17%) days with 2 inch report
- 20/153 (13%) days with 2 inches reported at more than 1 station

How did we do?

Definition of “Flood Day”: 1.50 inches over flat terrain and 1.00 inch over hilly terrain

Dry Day forecasted AND observed

Dry Day forecasted, Flood Day Observed

FORECASTED	OBSERVED	
	DRY DAY	FLOOD DAY
DRY	28%	15%
FLOOD	9%	48%

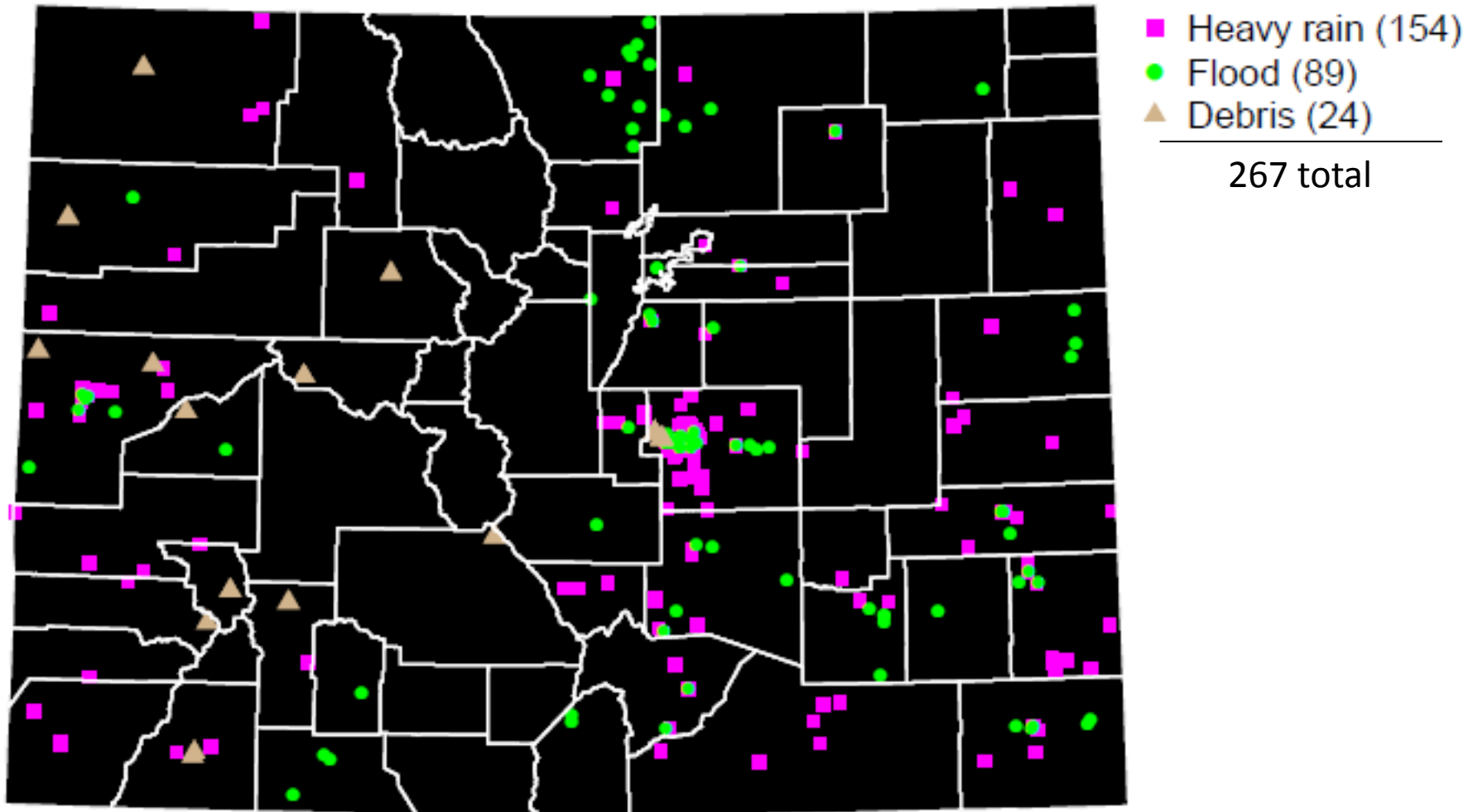
“Hit” rate

$$28\% + 48\% = 76\%$$

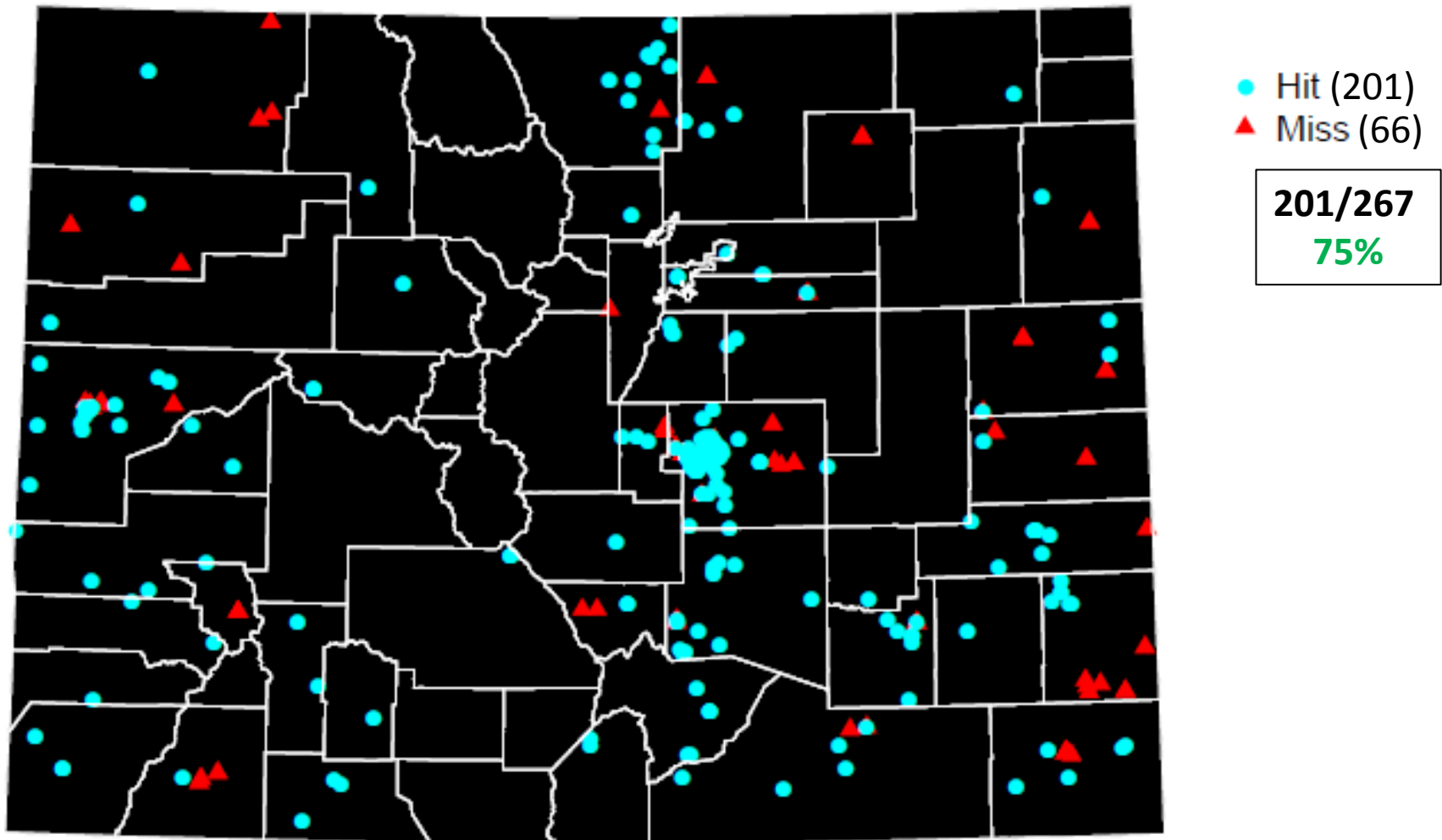
Flood Day forecasted, Dry Day Observed

Flood Day forecasted AND observed

2014 Flood-Related Reports (May 1 – Sep 30)



How did we do?



Improvements for 2015

Today's precipitation probability

HIGH RESOLUTION

LOW RESOLUTION

