



Colorado Flood Threat Bulletin: Overview and Updates

Dmitry Smirnov, Brad Workman, Stu Geiger, Graham Emde

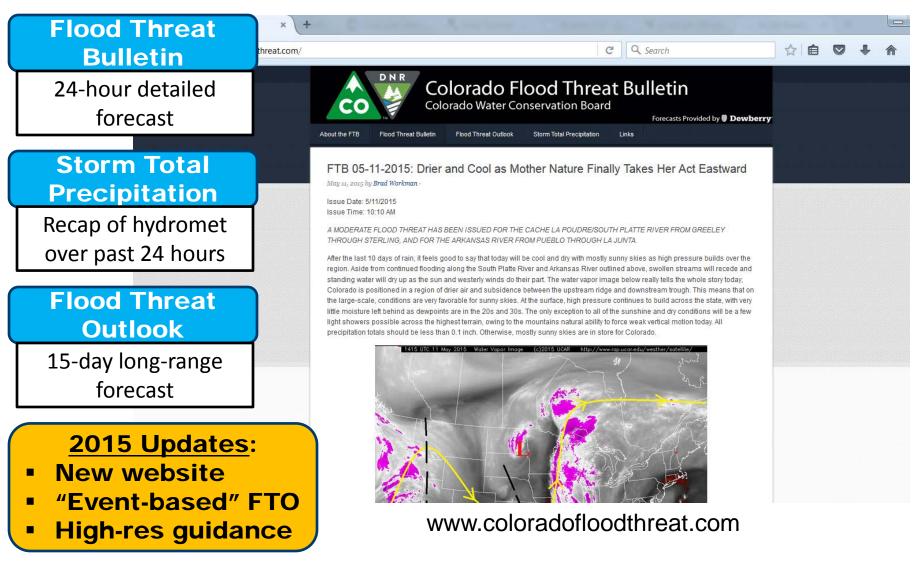
CWCB Water Availability & Flood Task Force Meeting March 24, 2016



- Overview of Colorado Flood Threat Bulletin (FTB)
- 2015 season statistics
- Improvements for 2016



Colorado Flood Threat Bulletin





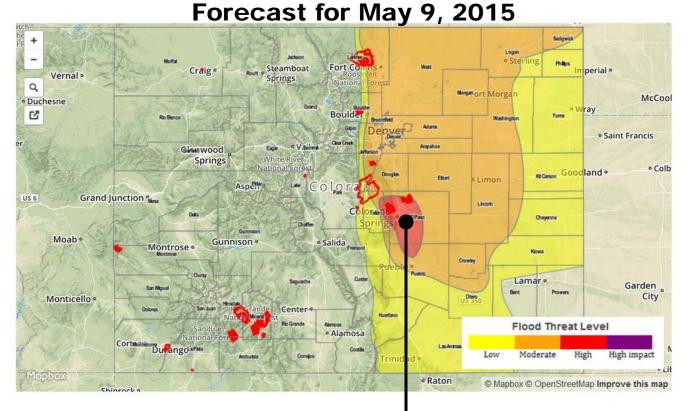
Flood Threat Bulletin

• Specifies:

- Location
- Timing
- Intensity
- Confidence
- Includes:
 - Riverine flooding
 - Flash flooding (esp. urban)
 - Snow-melt
 - Drought

• Tools:

- Processed high-res model guidance
- Hydromet
 experience



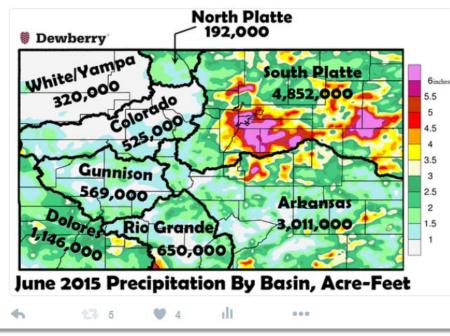
Chance of Precip	Prime Time	Discussion
>90%	11AM – 1AM	HIGH flash flood threat: High antecedent rainfall along with 2-3 inches of additional rainfall will cause widespread street and stream flooding.



Social Media

@COFloodUpdates

CO Flood Updates @COFloodUpdates - 9 Jul 2015 South Platte basin wins June 2015 precipitation sweepstakes, but other basins fared well too. #COflood #COwx



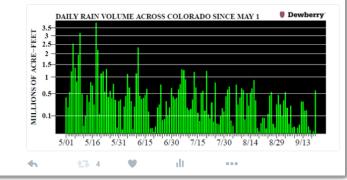
CO Flood Updates @COFloodUpdates · 20 Jul 2015

-

#FTB Low-to-Moderate #COFlood Threat as Subtropical Moisture Remains. Details: coloradofloodthreat.com #COwx

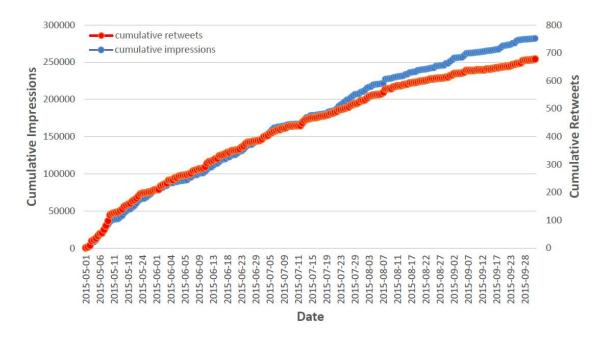


co Flood Updates @COFloodUpdates 24 Sep 2015 Interesting to see gradual decrease in daily rainfall across Colorado since May 1st. #COwx #COflood





Website Usage



□ 759 Twitter followers (up ~100 from last year)

Of note: CO Emergency Mgmt., Red Cross Denver, CASFM, 3 news stations

 \Box 5,068 site visits Jun 1 – Sep 1

□ 15% increase in website new users

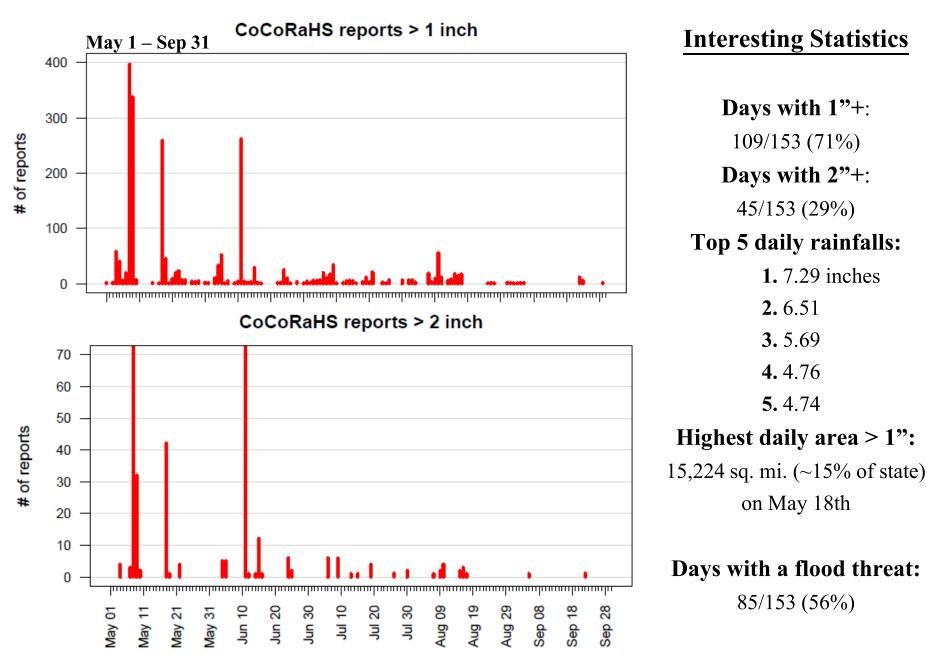




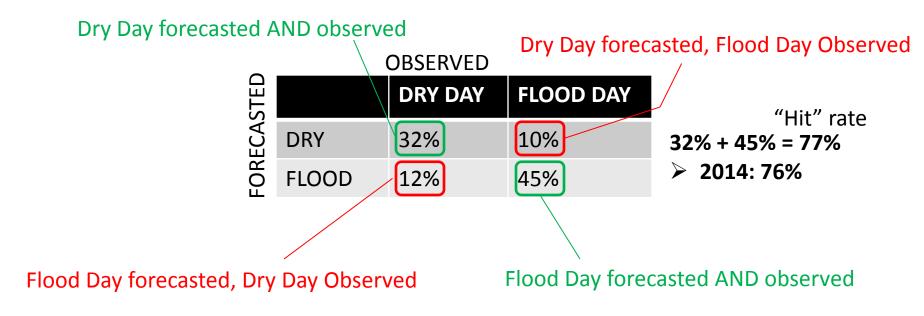
Recap of 2015



2015: Another active season!



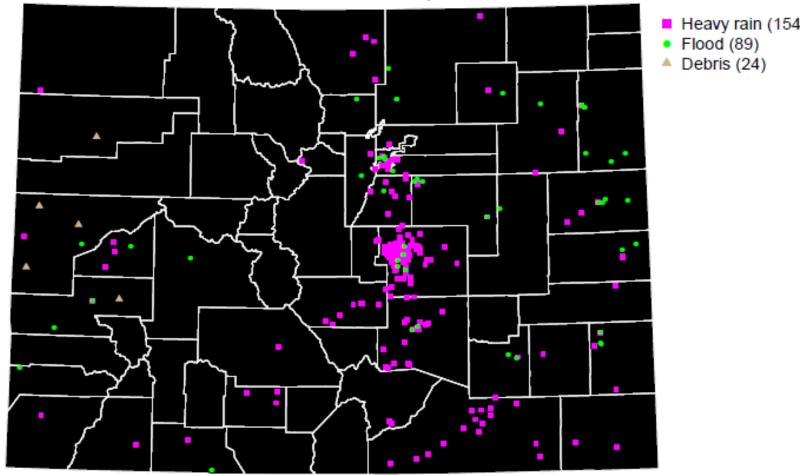
How did we do?





2015 Flood-Related Reports (May 1 – Sep 30)

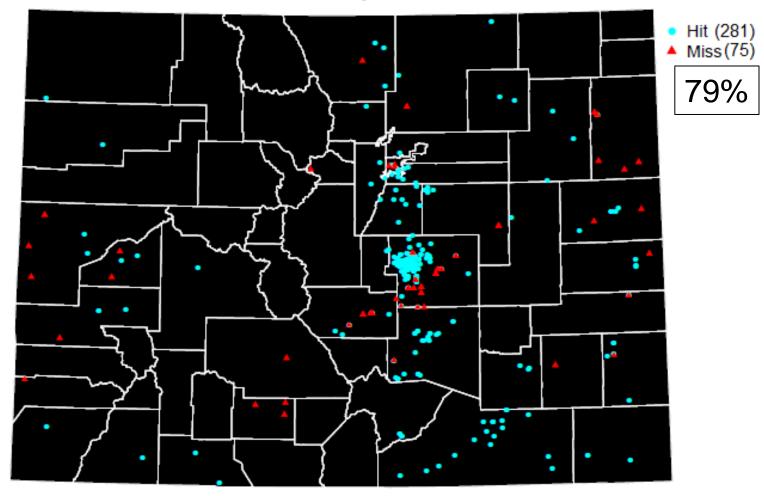
a) All Flood related Reports







b) Flood-Related Report Verification





Improvements for 2016

QPF Viewer

