

Estes Park Flood September 2013

Presented by: Frank Lancaster, Town Administrator Town of Estes Park

The Event - September 12, 2013



- Six inches of rain by 1:00 am on Thursday the 12th
 - Town began emergency operations by 3 a.m.

Fall River reaches twice the 100 year event by 4:30 am



Three Drainages converge in Downtown Estes Park: Black Canyon Creek, Big Thompson and Fall River

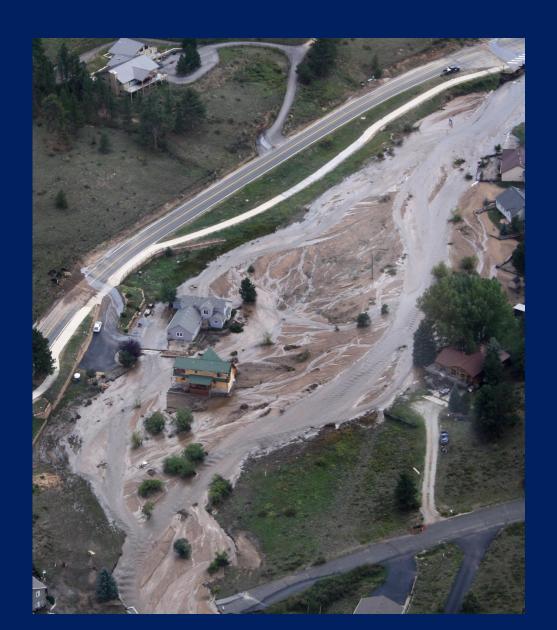


At 5:30 am predictions made for larger basins that extend up to the continental divide as Fall River continues to grow in volume (begin sand bagging operations).





By 5:30 am the Emergency **Operations** Center is in full operation and we began evacuating all low lying drainages.



Key staff and police personnel disperse around the community to watch bridge approaches and key weakness areas.



Utilities Fail — All cell phones and land lines are out. 911 system fails



Staff mobilizes equipment on both sides of the river in case river cuts Town into isolated areas.

EOC fully engaged by noon and all highways into town are impassable with the exception of Trail Ridge Road to the West



Predictions become reality as flooding expands in all basins by noon.



Fall River by early afternoon. Overtopping of roadways and dams begin to create mass infrastructure losses.



Evacuation efforts are accelerated to get residents out before roadways and bridges are lost.



By evening water levels continue to climb and critical infrastructure is being lost. State highways are closed and the Town becomes an island. Resources are now only what was present within the community.





Making it through the night!

- Staff is at full tilt with equipment and resources dumping boulders and dirt in areas where main highways are being lost by four raging rivers converging in downtown.
- Set priorities for life safety and welfare.





Major infrastructure lost including utilities and raw sewage in the streets.



Crisis Realized

- Public concern and confusion about basic life needs begin to become real food, water, etc.
- Unprecedented disaster and challenges.





There is a run on the grocery store and gas stations

- No Cell Phones
- No Landlines
- •All roads cut off except for Trail Ridge Road
- •911 out of service for two days
- Run on the Grocery Store and for gas
- •ONLY communication was via the internet



• Over 2,500 homes had no sewer and were in a no-flush zone for several months









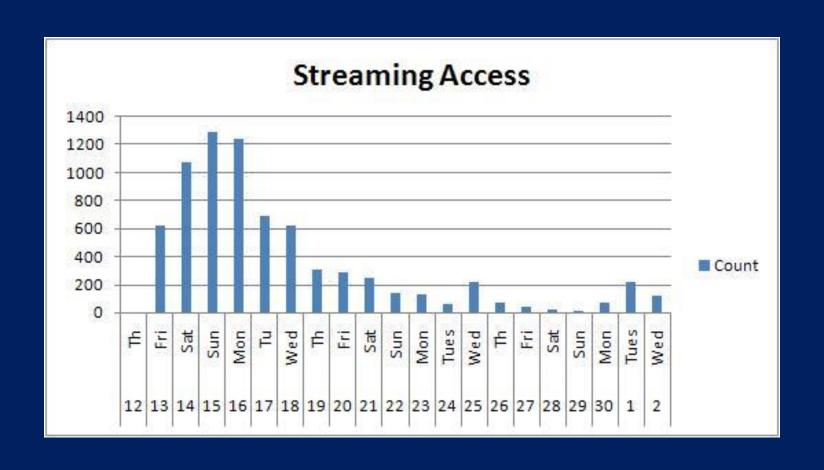




Daily Public Meetings, streamed on Cable and the Internet



Importance of Internet Access



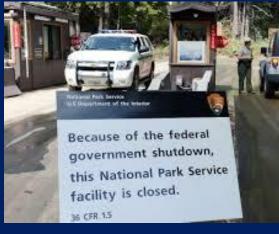
Emergency Operations Center

 Use of social media was extensive, Twitter and Facebook, to get out timely information





3 weeks later, we're kicked while we're down!!!







Thinking outside of the box

- Procurement of crusher for Lake Estes.
- Procurement of contractors to run operation in Lake Estes.
- 250 thousand yards of material estimated to be lost during the event.
- 12,500 semi loads of material needed to replace the lost material = \$13.75 million of material.
- 120 thousand yards needed just to restore emergency access.





Crusher hauled over Trail Ridge Road with help of the NPS

The largest item every taken over Trail Ridge.



Lake operation - Cooperation with the Bureau of Reclamation and Governor & Vice President

- 110,000 cubic yards CDOT Class 5 material produced for \$17/cy and used by CDOT, Larimer County, RMNP, Recreation District, Town of Estes Park
- Total savings of \$8.7 million to the tax payers





The 5000 foot "Extension Cord"



Operations went beyond Town limits to the whole Estes Area, Particularly for utilities



Local Media Coverage











International Media Coverage













Post-Flood Economic Recovery

- Situation: Flood damage & resulting road closures
 - Tourism is Estes Park's #1 industry & key economic driver
 - Almost all businesses experienced significant loss of business
 - Many also incurred flood repairs & restoration expenses
 - Deep economic injury, even after physical damage repaired
 - National & international coverage of devastation, not recovery
- Solution: Integrated, multi-phased marketing campaign
 - Immediate Crisis Response
 - Short-term campaign to return revenue streams
 - Long-term strategies to mitigate effect of losses, retain market share and capitalize on national & international exposure









Mark Udall @MarkUdall

Resilience of #EstesPark a testament to #CO spirit of strength & independence. Proud to help lead #COflood recovery.



pic.twitter.com/65VzlblHs9

■ View photo



VisitEstesPark

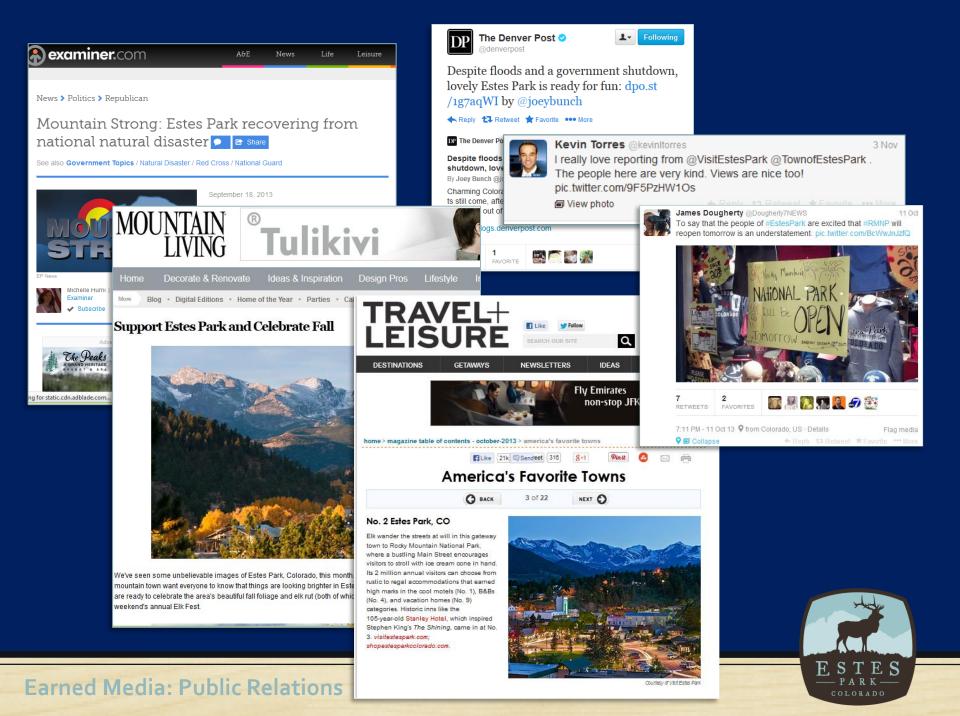
Oct 27, 7:05pm via HootSuite

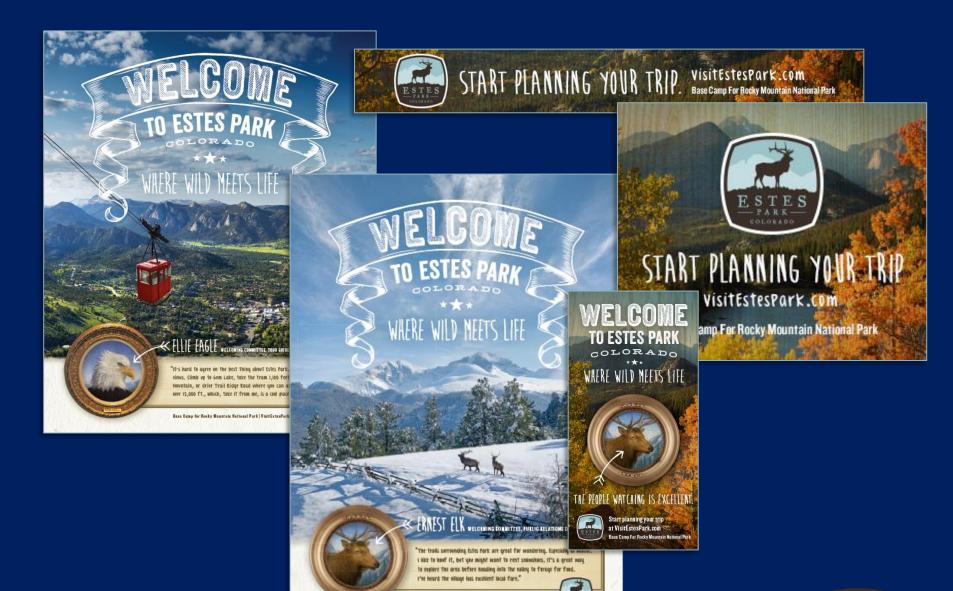
Estes Park is currently ranked 3rd! Let's get to #1! Keep voting for Estes Park, to be named The Coolest Small Town! ow.ly/gaTKn



10 retweets







Rano Camp for Horky Monorara Narranni Park | VeneErresPark.com



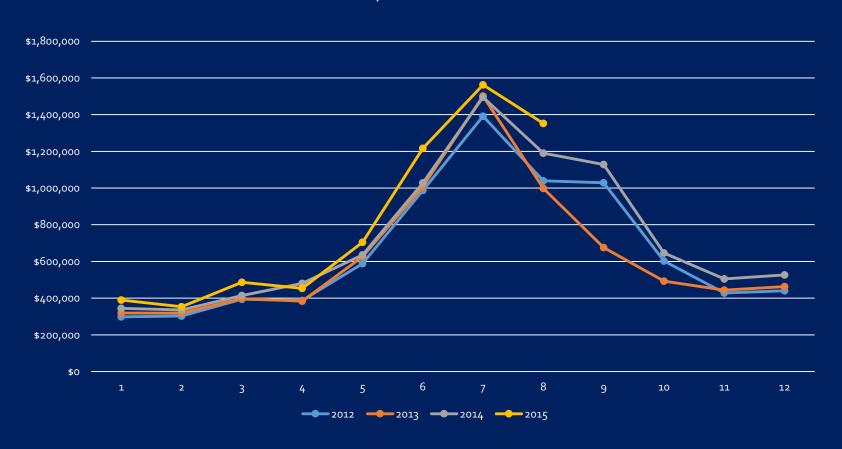
Post-Flood Economic Recovery

State forgave sales tax deadlines
August Sales Tax Fell 4% - State allowed deferred payment
September Down 34%
October Down 18%
November UP 4%
December UP 5% *

*partially due to flood recovery expenditures

Post-Flood Economic Recovery

Monthly Sales Tax Revenue

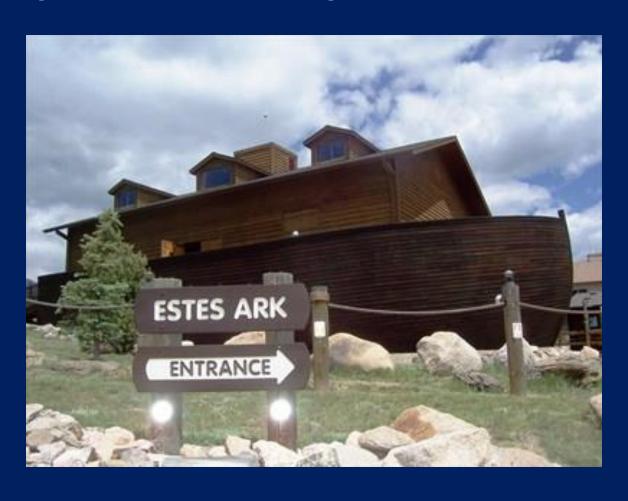


WE ARE BACK!

In the end, it's about the people and the community pulling together to put this behind us and move forward stronger than ever.....



We're the most prepared of any community in Colorado!



And we're open for business.

