

OUT OF THE DARKNESS

AN ECLIPSE AND A POWER OUTAGE

Or.....



HOW ZAC BROWN AND A COSMIC EVENT SAVED TETON COUNTY

COLORADO ASSOCIATION OF SKI TOWNS CONFERENCE

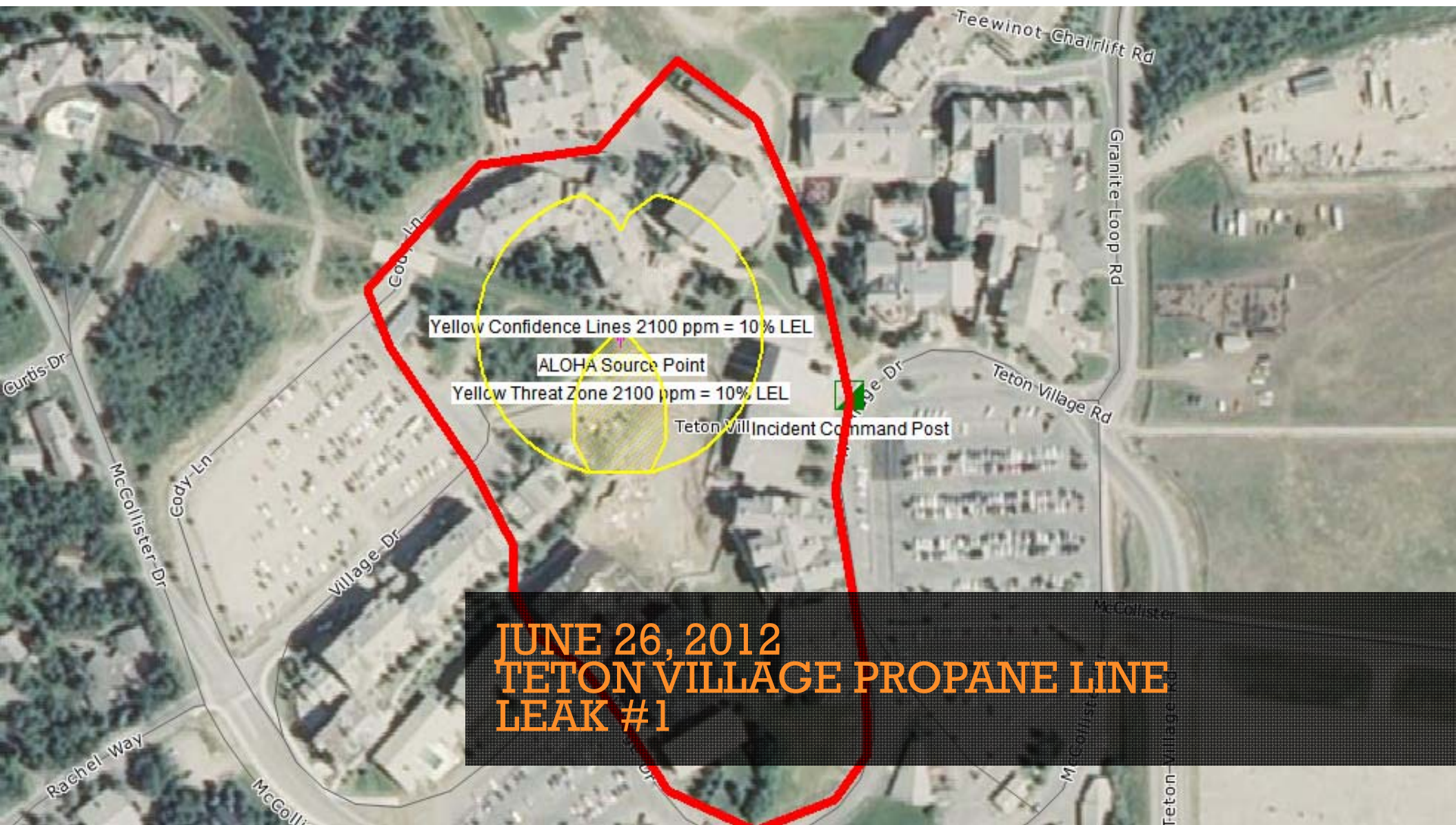
TETON VILLAGE, WY

JANUARY 17, 2019



“No one can whistle a symphony. It takes a whole orchestra to play it.”

– H.E. Luccock



**JUNE 26, 2012
TETON VILLAGE PROPANE LINE
LEAK #1**



JUNE 28, 2012
TETON VILLAGE PROPANE LINE
LEAK #2



INCIDENT COMMAND SYSTEM TRAINING

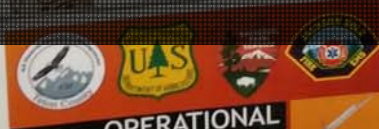
- JH Mountain Resort had employees take online Incident Command System training to the ICS-200 level
- JHMR had Teton County Emergency Management conduct an ICS overview course
- JHMR supports employees that participate on volunteer fire and SAR, which strengthens ICS skills

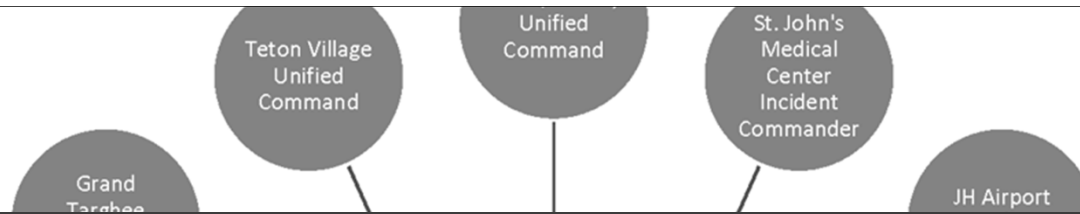


JULY 1, 2014
OPERATION BUCKING HORSE TTX



MARCH 20, 2015
OPERATION BROKEN SWORD TTX





form of information, deconfliction, and resource allocation.

- Incident Commanders are responsible for

JULY 10, 2015 - FIRST TOTAL SOLAR ECLIPSE PLANNING MEETING

- Over 45 planning sessions
- 32 public outreach events
- 3 exercises conducted
- 2 eclipse-specific trainings



MARCH 17, 2016
RENDEZVOUS FEST



APRIL 8, 2016
OPERATION BLACKOUT TTX



JANUARY 5, 2017 GRAND TARGHEE POWER OUTAGE

- Issue with buried power line
- Outage impacted 22 Fall River Electric customers, including Grand Targhee Resort
- Attempts to use secondary line failed
- Cell tower and public safety radios impacted
- Targhee remained open with limited operations
- TCEM worked with Teton Idaho Emergency Management to provide generators to Fall River Electric
- Power restored on January 7, 2017
- Rough estimate of losses of \$1 million in business per day



FEBRUARY 6, 2017
SEARS ROOF COLLAPSE



FEBRUARY 7, 2017 09:06
TETON EOC ACTIVATION - MONITORING

FEBRUARY 7, 2017 18:05 TRANSMISSION LINE COLLAPSE

- 17 steel transmission poles buckle under high winds
- 1,800 customers lose power, including all of Teton Village, JH Airport, and six other rural subdivisions
- No casualties, but vehicles and occupants are trapped in between and under fallen power lines
- Teton Village Fire Department institutes Incident Command System and Chief assumes role of Incident Commander





**FEBRUARY 7, 2017 19:00
TETON EOC - PARTIAL ACTIVATION**

POWER LOSS IMPACTS

- Businesses forced to close due to lack of power
- Cell towers down
- Fire Department radio repeater down
- Very dark
- Evacuations never ordered; most people vacated on their own



A photograph of a snowy landscape. In the foreground, a road is covered in a thick layer of snow, with some tire tracks visible. To the left of the road, there are power lines and poles. In the background, there are snow-covered mountains under a cloudy sky. The overall scene depicts a winter storm impact on a rural or mountainous area.

WINTER STORM IMPACTS

- Multiple routes closed into valley at various times during the storm
 - Challenge to obtaining resources to restore power
 - Challenge for visitors trying to leave
 - Challenge for employees to get to/from work
- Avalanche danger remained high throughout storm
- Damage to facilities due to roof snow-loading and flooding



**FEBRUARY 10, 2017
TETON COUNTY DISASTER DECLARATION**



**FEBRUARY 11, 2017 18:00
POWER RESTORED TO ALL CUSTOMERS**

ESTIMATED ECONOMIC LOSSES



- \$5,539,000 for businesses in Teton Village for 4 days of power loss
- ~\$950k for emergency repair
- ~\$8 million to restore the power system



**MARCH 18, 2017
RENDEZVOUS FEST**



AUGUST 21, 2017
TOTAL SOLAR ECLIPSE

AN EVENT TO REMEMBER

- Busiest August on record for Yellowstone NP
- 600% increase in illegal camping calls in Grand Teton NP
- Jackson PD manually directed traffic for over 4 hours
- 30k to 40k people estimated to have been on Bridger-Teton NF
- JH Airport saw a 70% gain in activity on Eclipse day
- Pathways saw a 228% increase in usage
- Over 800 ticketed tram riders and hundreds of guests atop Bridger Gondola and Sweetwater lifts experienced the eclipse





AD VALUE EQUIVALENCY
FOR JACKSON HOLE
FROM MEDIA EXPOSURE
DUE TO THE 2017 TOTAL
SOLAR ECLIPSE

\$21,455,713



Relationship building doesn't happen overnight



SUCCESS DEPENDS UPON STRONG RELATIONSHIPS BUILT *BEFORE* THE INCIDENT

- Lower Valley Energy's relationship and agreements with other utilities and local emergency services
- JH Mountain Resort's relationships with local emergency services and officials
- Teton Village's relationships with the resort and local emergency services

Cooperation and planning for events like Zac Brown Band Concert and the Total Solar Eclipse helps to build these vital relationships

QUESTIONS



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