

2010 Annual Report

Message from the Fire Chief

Our mission is to make Boulder a safer place to live and work for residents and visitors alike. This report highlights the activities and services provided by the men and women of Boulder Fire/Rescue in the fulfill-

Fire Chief Larry Donner



ment of this mission. Thanks to their efforts, we continue to provide quality service to the community. I am extremely proud of the work done by the members of Boulder Fire/Rescue.

The accomplishments outlined in this report not only represent hundreds of hours of work on the part of Fire Department employees while also representing extensive efforts by other city departments in ongoing cooperative partnerships. In 2010, the Department working with the City's Facility Assess Management team completed construction of the Boulder County Regional Fire Training Center. Only days after the ribbon cutting, the center was put to use as the incident command post for two large fires adjacent the City of Boulder. The use of the new Fire Training Center as a command post worked because this activity was anticipated. This new training facility was designed to function as a command post for large scale emergencies if needed. The Wildland Fire section of this report will talk

about the 2010 wildland fires in addition to other more routine activities.

This annual report details many other examples of our work to maintain and improve services to the community in these fiscally restrained times.

Boulder's \$2,553,197 fire loss for 2010 was lower than the five-year average of \$3,491,058. In 2010, this fire loss was below our 5-year average for the second consecutive year. It is also worth noting that, the City experienced no fire fatalities in 2010. We are working to complete a new fire master plan for Council review in late 2011 or early 2012. This plan will provide the direction and foundation necessary for continued success into the future.

Boulder Fire-Rescue Mourns the Loss of One of its Own



Firefighter, Engineer, father, husband, friend, that's how we at Boulder Fire knew Kent Kadlub. That was on the outside for all to see. On the inside he was intelligent, kind and loving, all you had to do was start a conversation about politics, religion, mechanics or one of many other subjects and you would soon realized how informed and well read he was. He was a family first kind of guy. He was a strong and faithful mate to his wife, Stacey, and a great help to his in-laws with their farm.

The Boulder Fire Rescue has lost a valuable asset and he will be missed by all who knew him.

City of Boulder Fire-Rescue

New Hire Firefighters

- > Ryan Boersma
- > Tyler Capron
- > Jeremy Felix
- > Manuel Garcia Jr.
- > Thomas Spannring
- > Jason Thomas
- > Matthew Watson
- > Joseph Vogel

Promotions

Lieutenant Margaret Edel



Lieutenant Joseph Savino



Administrative Services Division

2010 Accomplishments

- Assisted the City of Boulder with implementation of a paging system for emergency responses and call backs.
- Completed the new Boulder County Fire Training Center.
- Assisted the City of Boulder with implementation of a new phone system.
- Implemented a new personnel review system.
- Updated the current records management system.
- Compiled information for an Operations and Management Assessment.
- Eight new firefighters were hired and successfully completed the academy.

2011 Goals

- Assist the City of Boulder and Boulder County with the implementation of a new computer aided dispatch software.
- Revise and adopt a new master plan.
- Implement an automated call back system, Telestaff.
- Automatic vehicle location devices installed on all fire engines.
- Complete the Operations and Management Assessment.

Boulder County Fire Training Center Ribbon Cutting.



The Boulder County Fire Training Center's Ribbon Cutting was on July 26, 2010.



Classroom building at the Boulder County Fire Training Center.



Boulder County Fire Training Center being used as the command post for the Fourmile Fire. (September 6, 2010)

Fire Safety Division

2010 Accomplishments

- 5,327 preschoolers and school age children were taught by Boulder Fire-Rescue, which represents a 35% increase over 2009.
- More University of Colorado students received fire and life safety information than ever before.
- Seniors and at-risk adults were taught emergency and flash flood preparedness, in addition to fire safety training.
- Members of the Education Specialty team taught kindergarteners through third graders in the Firefighters in the Classroom program. This program involves parents working with their students to complete their own family fire safety homework. Principals and teachers welcome the firefighters to review the homework assignments and teach fire and life safety in the classrooms. This connection between parents, schools and fire safety education is an effective collaboration.
- 579 fire system plan reviews were conducted.
- 2,179 fire inspections were completed on commercial businesses.
- 393 re-inspections of commercial businesses were completed.
- 16 fires were investigated by the division in 2010.
- Participated in the task force completing inspections for the medical marijuana license process.

2011 Goals

- Continue to complete inspection cycles on businesses/facilities on schedule and with 100% compliance.
- Continue plan review in a timely fashion and maintain cooperative and communicative relationships with plan review applicants.
- Implement a pre-fire plan program.
- Provide continued training for engine company inspecting officers.
- Improve communication between all departments involved with licensing.



Education outreach at Oneida Street Neighborhood block party.

Over 5,300 children were taught by Boulder Fire-Rescue in 2010.

2010 CU Leadership Academy.



Operations Division

2010 Accomplishments

- Purchased a new pumper to replace the engine at station 2.
- Purchased a new 4-wheel drive type-3 tender (wildland truck) to replace a 1974 tender.
- Upgraded the hazardous materials vehicle with a supplied air system to support extended operations.
- Created a mentoring program.
- Participated in a Homeland Security table top exercise in Denver.
- Initiated a Designated Infectious Disease Control Officer program.
- Created an acting officer class curriculum.
- Promotion to 1st Class, FF. Muller, FF. Zavala, and FF. Stocker.
- Assisted with fire suppression and incident management operations on the 4 Mile fire and Dome fires.
- Completed a "Vision Statement" for the department.

Water main break.



**More than 70
Boulder
Firefighters
participated in
efforts to
extinguish the
Fourmile and
Dome fires.**

2011 Goals

- Complete Request for Proposal for a 2012 ambulance contract.
- Acquire a new pumper to replace station 7's aging pumper.
- Revise our Continuity of Operations Plan, Standard Operations Guidelines/Standard Operations Policies, and "Playbook".
- Develop emergency operations plan for Boulder Valley School District.



**Mutual Aid Response to a house fire
in Boulder Rural Fire Protection
District's jurisdiction.**

Training Division

2010 Accomplishments

- In order to enhance the overall capabilities of the Department, the year started with position changes. Chief David Gelderloos, previously the Training Chief moved to Shift Battalion Chief, while Chief Mark Johnson moved from Shift Battalion Chief to Training Chief.
- The Training Division moved into the Boulder County Fire Training Center. The move offered the department completely new facilities, offices, larger training space, a 5 story tower, larger classrooms, and a modern burn building for live fire exercises.
- Conducted a Fire Engineer test in May. This examination demonstrated the ability to drive fire apparatus, use proper tools, and deliver water for fire suppression.
- In October, candidates for Captain and Lieutenant were assessed on their ability to mitigate and solve personnel problems, fight simulated structure fires, present a "command presence" and demonstrate leadership skills
- Crews spent nearly 2,000 hours on company based training. Over a 36 month period, 13 State of Colorado Firefighter Job Performance Requirements were covered.
- Trainings were conducted with live fire in the burn building, stand pipe and rescue in the new 5 level tower. The paved areas are used to train on engine placement. The new classrooms were utilized for both classroom lecture and hands-on training.
- Firefighters spent more than 10,000 hours of preparation, education and guidance. New and updated CPR protocols were taught and certified; various hose evolutions, air bottle awareness as well as maintained quick donning of gear.
- Eight new firefighters entered a fifteen week spring fire academy hosted by the Front Range Fire Consortium. Division Training Captain Carol Brown instructed as the co-academy lead coordinator. Captain Brown also instructed a second academy in the fall.
- Maintained certifications for Hazardous Materials Operations, Hazardous Material Technician, Firefighter I and II, Driver Operator, and Fire Instructor I. As well as, as recertification of Emergency Medical Technician and CPR.

2011 Goals

- Continuing the paramount theme of safety.
- Adding some multifaceted training while maintaining our basic skills.
- Involving more Company Officers as instructors.
- Create more training opportunities with surrounding agencies.



Hazardous Materials training.

Fire crews spent over 10,000 hours training in 2010.

Live fire training.



Wildland Division

2010 Accomplishments

Pine beetle mitigation work.



The City of Boulder responded to 15 incidents within Colorado 10 of which were local incidents. Including the Boswell, Devils Thumb, Nugget Hill, Cow Creek, Round Mountain, Fourmile, Reservoir Road, Peewink, Dome and Churches Park Fires.

- Fuels Management Supervisor named to the core development team of a County wide Community Wildfire Protection Plan, and a County-wide Community Wildfire Protection Plan. The Fire Management Coordinator named to Wildland cooperators and Boulder County Chiefs Communications plan committee.
- Assisted in 60+ acres of prescribed fire on County owned lands adjacent to City property, burned slash piles from hazard reduction projects, burned 7+ miles of agricultural ditch and assisted with 100 acres of hazard fuel reduction/ecosystem restoration on the Open Space Mountain Parks system.
- Responded to 12 confirmed wildland fires and numerous smoke reports on or threatening City Property.
- Developed and presented BCI34 Introduction to Ignition course, and co-developed BCI70 Introduction to Air operations course with Boulder County.
- Provided instructors and management staff for three nationally recognized Wildfire and Incident Management Academies, a National All Hazards Incident Management Conference, the Boulder County Basic Wildfire course, the Boulder County Basic Wildfire course, a Basic Firefighter Refresher course for the Wildland team and Line Firefighters, developed, coordinated and delivered annual shift wildland refresher training and assisted instructing a regional Confined Space Rescue course.
- Developed Boulder County extended attack communications plan.
- Completed for 5 acres of mitigation for bark beetle infected trees on the City's watershed property and removed hazard trees for the utility corridor to the Betasso Treatment plant after the Dome Fire.
- The City of Boulder Responded to 21 National Incidents in the states of AK, AZ, CO, KY, NM, TN, UT and WY (All costs reimbursed by the Federal Government.).

2011 Goals

- Foster a safe working environment to all fire personnel within the realms of wildfire management.
- Continue to train division and line personnel to meet the ever changing and demanding job skills that are necessary to insure the safety of our firefighters and the public.
- Respond to and suppress all wildland fires on or threatening city property, with a goal of keeping 90% of these fires less than one acre in size.
- Complete priority hazard fuel reduction and prescribed fire projects as agreed upon by BFD, OSMP, and Public Works staff.
- Create opportunities within the Wildland Division that would allow members to use current qualifications in other programs within the department's "All Risk" programs.
- Provide fire personnel, equipment and individual expertise on large national "All Risk" emergencies.



Mutual Aid Response to the Four-mile Fire in September 2010.

Above and Beyond

Boulder Fire-Rescue personnel do more than just help people when they are on duty. Many members help out the communities they live in or contribute their free time to advance the fire service.

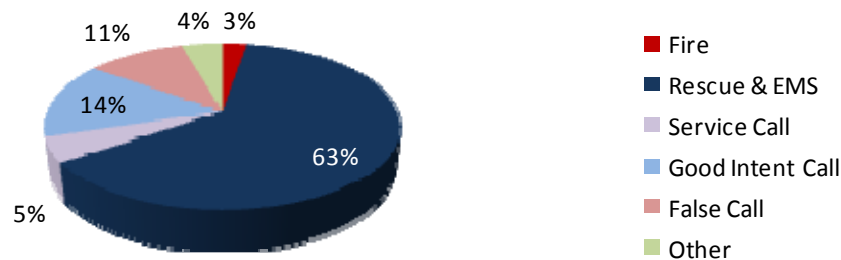
- The Wildland Division provides instructors for the Colorado and New York Wildfire academies and provides wildfire training to Boulder County. (All costs reimbursed by the Federal Government.)
- Assistant Fire Marshal Mike Rangel is a member of the Mountain View Fire Protection District's board.
- Engineer Tom Albert helps with a 9 News sponsored health fair in Lakewood teaching fire safety, basic first aid and teen choices to pre-kindergarten through 8th graders.
- Eight members of the Fire Department are a part of the Boulder County Type-3 Incident Management Team. These personnel include wildland division members, administrative staff and chiefs.
- Firefighter Jared Ginsberg founded FirePoint Ministries and has volunteered his time providing support to individuals in the Fire Service. Jared teaches building resiliency, teaching understanding crisis, providing group and individual spiritual care during crisis and building relationships among Firefighter and Fire Service employees from different departments. Jared is also a volunteer Chaplain for the Bill Graham Rapid Response Team and a member of the Mayflower Critical Incident Stress Management Team.
- Firefighter Kim Sadar puts in over 1,000 hours each year working with the Search and Rescue Dogs of the United States, Mile High Search Dogs. She also fosters and rehabilitates dogs for the Golden Retriever Rescue of the Rockies.
- Chief Fire Marshal David Lowrey is a member of two voluntary committees of The National Fire Protection Association. David has been a member of the Technical Committee on Notification Appliances for Fire Alarm Systems of NFPA 72 since 1998. He is also a member of the new NFPA 3, Recommended Practice on Commissioning and Integrated Testing of Fire Protection and Life Safety Systems. Each of these codes and standards are revised every three years through regular committee meetings. David attends on a volunteer basis and supported in his effort by Boulder Fire Rescue.
- Sherry Kenyon, Fire Safety Coordinator, is an instructor with the Center for Campus Fire Safety and one of the organization's three founding members. The curriculum she developed in partnership with the University of Colorado at Boulder is nationally known as "Firewise Campus". This curriculum has been adopted and put into practice by many fire departments and colleges across the country.
- The Boulder Fire Department's IAFF Local 900 union donates money to help purchase gifts for children served by the The City of Boulder Parks and Recreation Department's Youth Services Initiative program who are living at Boulder's low-income housing sites (managed by Boulder Housing Partners). The firefighters say this is a way to give back to kids in their very own community.
- Firefighter Reggie Finley organizes The Finley Firefighter Charity Hockey Tournament every year. Local Firefighters, Police, and EMS Personnel play hockey together to support "Alive @ 25"

2010 Incident Statistics

Structure Fires	72	Fire Service Injuries	53
Vehicle Fires	16	Non-Fire Service Injuries	0
Vegetation Fires	46	Fire Service Deaths	0
Refuse/Rubbish Fires	60	Non-Fire Service Deaths	0
Outdoor Furniture Fires	31	Incidents with Exposures	0
Other Fires	30		
Total Fires	255		
Hazardous Conditions	396	Estimated Fire Dollar Loss	\$2,553,197
Service Calls	459	Property	\$1,442,850
Good Intent Calls	1,386	Contents	\$ 1,117,351
Malicious False Alarms	25	Mutual Aid Given	55
Other False Alarms	993	Mutual Aid Received	18
Other Calls	30		
Total Non-Fire	3,289	Responses in less than 6 minutes:	77%
Rescue & EMS Incidents	5,917	Overall Average Response Time:	4min 51 sec

The Boulder Fire Department strives to make Boulder a safe place to live and work. We reduce the human suffering caused by fires, accidents, sudden illness, hazardous material releases, or other disasters.

2010 Incident Responses



2010 Department Statistics

Total Number of Training Hours—10,130

2010 Total Budget—\$14,214,376

Total Number of Inspection Hours—1,581

Annual Responses 2000-2010

