

Castle Rock Fire and Rescue Department



An internationally accredited Fire/Rescue agency 2012-2017

August 2015 Monthly Report

Vision – **To Be The Best** - at providing emergency and prevention services

Department News:

On August 10th three members were deployed to the River Complex fire in CA. The crew drove a brush truck out to CA and worked the fire until August 27th then did a swap out with another crew of 3. The first crew, consisting of Michael Moore, Gregg Gravitt, and Matt Osborn, flew back home after the swap out. They fought a lot of fire with sloping terrain. The second crew consisting of Tad Anderson, Geoff Polidoro and Shawn McWhorter did a lot of rehab for hand crews and a lot of clean up. The fire is only about 54% contained and is now in the wilderness that they are letting burn. Another deployment we had was for a single resource to a fire in Northern Idaho. Lt. Richardson was out on the fire for 2 weeks as a Division Supervisor. He worked 12-14 hours a day, he said it was a great experience.



Gregg Gravitt completing “holding” for a burn out operation

Michael Moore “containing” a spot fire





Burn out operations in Shasta Trinity, CA

Greg Gravitt and Michael Moore “attacking” fire front



Matt Osborn “completing” a burn out operation

Customer Service:

Measurable outcomes - Rating of 4 or better on customer survey cards 100% of the time **August 2015...100%**

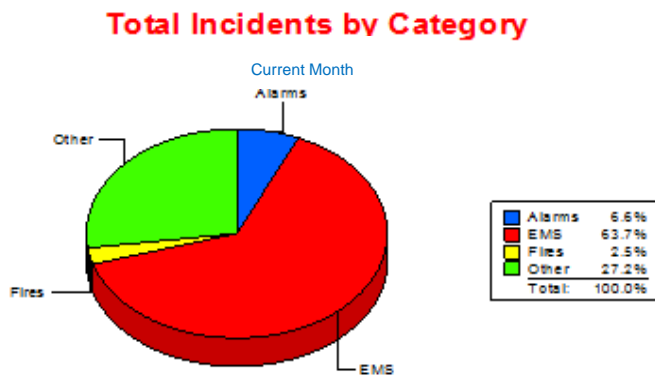
Of the 26 Customer Survey cards rating service in August, 24 were of the highest overall rating of 5 and 2 were rated 4. Some of the comments received read; *"The medics and team for cab #154 were excellent and friendly. They explained everything that they were going to do and asked my thoughts to my care! Thanks so much!"* Another read; *"They helped me feel cared for with my health issue and the pain. I'm very proud of them and the work they do. I've been in C.R. for years (1949) and it's wonderful to know we have these great people to care for us."*

Call Statistics:

For the month of August 2015 we responded to 515 calls for service. Last year at this time we responded to 416 calls. This places our year to date calls at 336 over last year, which is an increase of more than 11%.

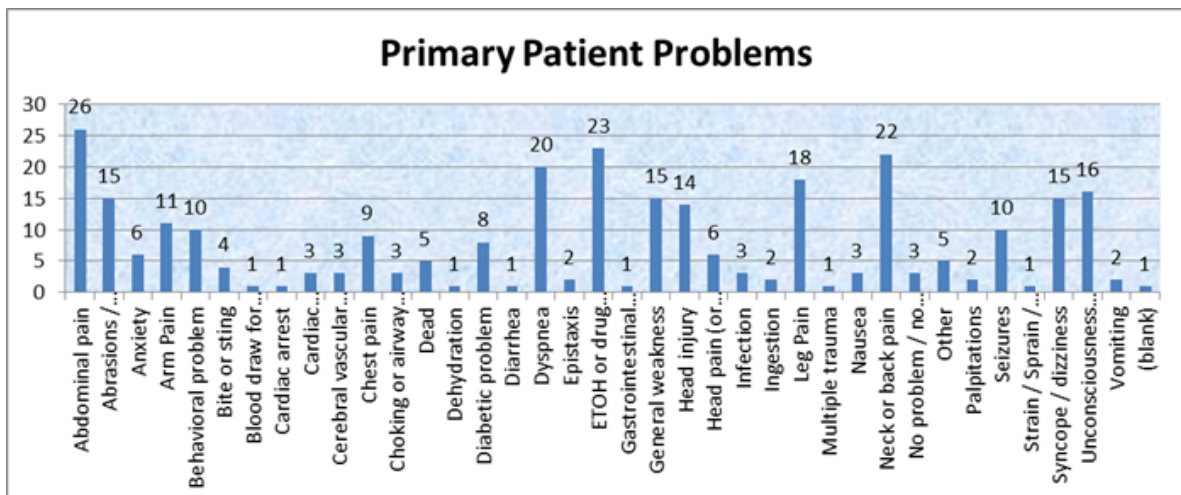
Of the 515 calls for service, 328 of the calls were for EMS. We had a total of 292 patient contacts and transported 223 patients. This time last year we had 191 transports.

The pie chart and graph below indicates calls for the month, not the overall year:

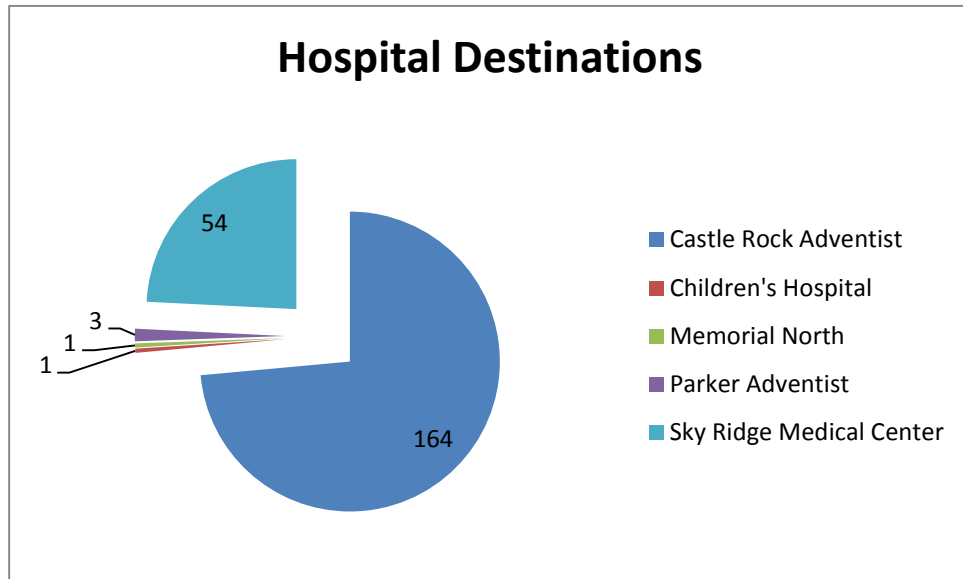


EMS Calls:

The most common EMS call in August was for abdominal pain with 26 patients. The second most common was for an alcohol or drug issue with 23 patients.



For the month of August, 164 patients were transported to Castle Rock Adventist, which is 73.5% of all patients transported. 54 patients were transported to Sky Ridge, which is 24.2% of all patients transported.



Measurable Outcomes:

Paramedic on scene of all EMS calls 99% of the time

August 2015...99.3% July 2015...99.2%

Correct medical procedures, as per QA/PI program, performed 90% of the time

August 2015...99.0% July 2015...98.9%

Fire Calls:

During the month of August we ran 13 fire calls compared to 9 last year. We had 34 alarm calls compared to 34 last year at this time.

Key Operational News:

Significant incidents are on each individual shift report. One unusual accident occurred in the southbound construction zone on I25 at Castle Rock Parkway. No one was injured, but where the vehicle ended up was quite impressive.



Significant Incidents for August:

- **A Shift:** No significant incidents
- **B shift:** No significant incidents
- **C Shift:** On August 8th, Engine and Medic 154, along with Battalion 151 responded to The Pines apartments on a possible DOA. On arrival, it was determined there was one deceased person from an apparent suicide.

On August 26th, Battalion 151, Brush 153 and 154, Medic 151, and Division Chief 151 responded with Larkspur Fire and several other agencies on a 300 acre brush fire. Crews assisted in containment, mop up, command, and staging without incident.

Below are the response time tables for July. As a reminder, these are one month behind due to the way we collect and calculate data.

July Metro/Urban/Suburban

Distribution Matrix			Castle Rock Fire and Rescue Dept.	07/01/15 - 07/31/15
Department Distribution by Performance Type			All Incident Types	
Call Processing @ 01:09	Turnout @ 01:52	Travel @ 04:29	Call to Arrival @ 07:30	
82.9%	94.4%	71.5%	87.6%	
Compared to Dept % All Incidents	Compared to Dept % All Incidents	Compared to Dept % All Incidents	Compared to Dept % All Incidents	
0.0%	0.0%	0.0%	0.0%	
01:40	01:44	05:40	07:41	
for 90% compliance	for 90% compliance	for 90% compliance	for 90% compliance	
160 / 33	168 / 10	133 / 53	170 / 24	
Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	
% Compliance Time of Day	% Compliance Time of Day	% Compliance Time of Day	% Compliance Time of Day	
94 / 86 / 81 / 78	72 / 97 / 98 / 94	72 / 72 / 76 / 65	84 / 93 / 91 / 80	
AM1 / AM2 / PM1 / PM2	AM1 / AM2 / PM1 / PM2	AM1 / AM2 / PM1 / PM2	AM1 / AM2 / PM1 / PM2	

July Rural

Distribution Matrix			Castle Rock Fire and Rescue Dept.	07/01/15 - 07/31/15
Department Distribution by Performance Type			All Incident Types	
Call Processing @ 01:09	Turnout @ 01:52	Travel @ 05:19	Call to Arrival @ 08:20	
78.2%	91.8%	65.3%	77.2%	
Compared to Dept % All Incidents	Compared to Dept % All Incidents	Compared to Dept % All Incidents	Compared to Dept % All Incidents	
0.0%	0.0%	0.0%	0.0%	
01:27	01:45	07:30	10:27	
for 90% compliance	for 90% compliance	for 90% compliance	for 90% compliance	
61 / 17	67 / 6	49 / 26	61 / 18	
Pass / Fail	Pass / Fail	Pass / Fail	Pass / Fail	
% Compliance Time of Day	% Compliance Time of Day	% Compliance Time of Day	% Compliance Time of Day	
100 / 76 / 78 / 73	60 / 88 / 96 / 94	50 / 65 / 69 / 61	80 / 85 / 73 / 73	
AM1 / AM2 / PM1 / PM2	AM1 / AM2 / PM1 / PM2	AM1 / AM2 / PM1 / PM2	AM1 / AM2 / PM1 / PM2	

Deputy Chief Commentary:

Battalion Chief Martin was elected as the Chair of the State Emergency Medical and Trauma Services Advisory Council (SEMTAC). This is a Governor appointed position to the SEMTAC, and then the SEMTAC members elect the Chair. Rich has previously served as the vice-chair, and will now serve as the Chair for the next year. Congratulations Rich!



Brush 155 deployed to the Shasta Trinity National Forest in northern California. While on the incident, the crew, FF/PM Mike Moore, FF/PM Matt Osborn, and FF/PM Greg Gravitt, encountered a vehicle that had gone off a road, rolled down an embankment of approx. 70 feet, and into a river. They immediately went to render aid and continued to do so until additional resources arrived. For their efforts, they received a Certificate of Appreciation from Chris Ourada, the United States Forest Service Incident Commander of the Great Basin National Incident

Management Team #2, "in appreciation of your life saving response in the rescue of the Trinity River accident victims." Great job Moore, Osborn, and Gravitt!

This crew completed their two week assignment, and then changed out with Lt. Tad Anderson, FF/EMT Geoff Polidoro, and FF/EMT Shawn McWhorter, who will serve an additional two weeks on this fire.

Lieutenant Patrick Richardson initially deployed as a Division/Group Supervisor (Trainee) to a wildland fire in Idaho, but was re-assigned prior to arrival to a different fire in Washington State. Resources are thin, so he has been functioning as a Division/Group Supervisor under the direction of the incident commander. He will complete his two week assignment in early September.



Blue Card training continues for the remaining officers and acting officers, and we should be finishing up soon. Blue Card is a command training and certification system that trains Company and Command Officers how to standardize local incident operations across their organization. To ensure all personnel understood Blue Card, an orientation program was disseminated to all companies. Once all personnel have completed the program, we will look at the best way to officially implement these changes, which we anticipate will occur in the 3rd quarter.

The Douglas County Fair and Rodeo was held last month with minimal issues. Units participated in the Parade, and we performed several ambulance standbys at the arena for the rodeo events.

Life Safety Division:

Plan Reviews –

We have seen a sharp increase in the amount of plan reviews that we have received for August. There was a total of 117 plan reviews completed, with an average time of almost $\frac{3}{4}$ of an hour per plan review. These range from simple solar plan reviews to complex multiple page documents that require many hours of reading and research to complete.

Understand that some of these are plan reviews for special events and require looking to ensure that the use of the structure that the special event is going into can facilitate that event as well as contacting the event coordinator and setting the time for the inspection.



Hazardous Materials –

We have found that there are several businesses within our fire protection district that are not in the Arapahoe/Douglas County Database. With this being said, inspections are being scheduled to inspect these occupancies and hopefully bring them into compliance. With the number that we have found, this will become a long term program that will consistently require to be oversight to ensure compliance by the business owners.

Existing Business (occupancy) Inspections –



During the month of August we completed a total of 44 primary inspections and 140 follow up inspections. There were a total of 83 inspections completed this month with the expectation that we will complete another primary inspection next year. This works out to be around 9.2 hours per closed inspection. Closed inspections are inspections that have been inspected once and either closed due to no violations or the violation list being provided to the business owner for repair, replacement, or correction of the violation. If a follow up inspection is required, another inspection is completed and then hopefully closure of the inspection. Some of the inspections may require several follow up inspections due to the overall complexity of the violation or the intensity of the violation. Some follow up violations can take up to several months when we are looking at costly repairs for the business. Short term concessions are made with the business owner to continue to operate while the violations are addressed.

We are also adding approximately 8.6 new occupancies each month to our database. Currently we have 1473 businesses (occupancies) that occupy space either stand alone or within a building (core/shell). The building itself requires an inspection to ensure that it is safe to house the businesses that operate out of it. This number has increased by 2 businesses a month for the past three months due to economic growth within the Town.

Public Education –

During the month of August, the department met with 1320 contacts in a total of 28 hours in 20 public education events. The majority was performed in a block party setting logging more than 13 hours and contacting close to 300 people. These events are fun for parties involved.

Investigations –

During the month of August the Bureau conducted four fire investigations and assisted the line staff with several other issues.

Training Division:

Subject	Current Month	2015 YTD	2014 YTD
EMS-Department Wide	243	1526	2146.25
Fire-Department Wide	607.75	7573.6	8014.15
Department Operations	23	512.25	934.4
Total	873.75	9611.85	11094.8
A-Shift Training Hours	228	3063	3213.3
B-Shift Training Hours	296.5	3500.25	3909.4
C-Shift Training Hours	299.25	2604.75	3119
Staff / Fire Prevention Bureau	50	443.85	853.1

Major Topics Covered

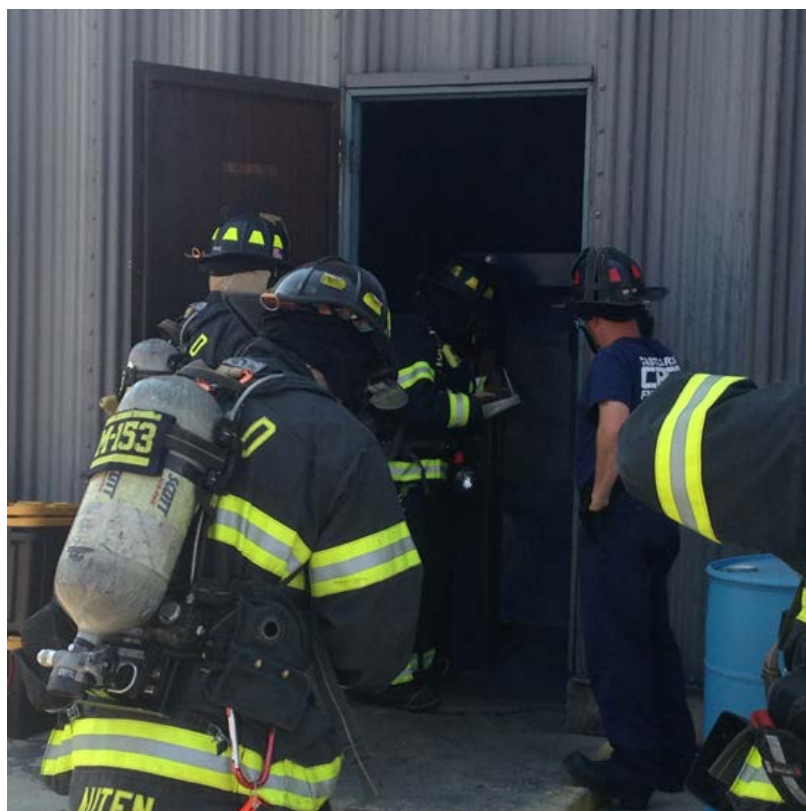
Fire Training

- Company level Assessments (NFPA 1410)
- Trench Rescue Field Day
- Driver Operator Utility Cones Course

EMS Training

- ACLS Refresher
- Protocol and Skills Review

In the month of August, the department conducted Company Level Firefighting Skill Assessments in compliance with NFPA 1410.



Members were assessed in forcing doors

Ladder skill
assessment
in progress



Search and Rescue Assessment in
progress

Accreditation Monthly Status: August 2015

- Poudre Fire Authority expressed their gratitude for CRFD's participation in the mock site visit earlier this year. They further stated, they felt the visit was a key aspect in their preparation and eventual unanimous approval by CFAI as an accredited agency.
- 2015 Risk Assessment (*primary focus*)
 - Occupancy Vulnerability Assessment Profile scores and needed fire flow have been completed on all occupancies in RMS
 - Homeland Security Assessment Profile score completed for all critical infrastructure
 - Working with GIS on mapping risks for each service category
 - Working with the Life Safety Division, Acting Fire Marshal Dimock, on updating the HAZMAT risk assessment
- Attended multiple conference calls for the Model (FESSAM 9th edition) Re-imagination document review
 - Final draft of the FESSAM and interpretation guide was presented to CFAI board at FRI in Atlanta
 - Still no indication of when/how the standards of cover manual will change
- StatsFD:
 - Attended 2 web-based training sessions
 - Update still pending to resolve a couple of reference errors identified
- Data analysis:
 - Continuing to work with New World to ensure StatsFD data is correct and accurate given the recent data issue found between New World and High Plains
- Strategic Planning:
 - Time has been shifted to complete the 2015 Risk Assessment
 - Working with the Town communications department to ensure the Department messages are consistent with town guidelines