

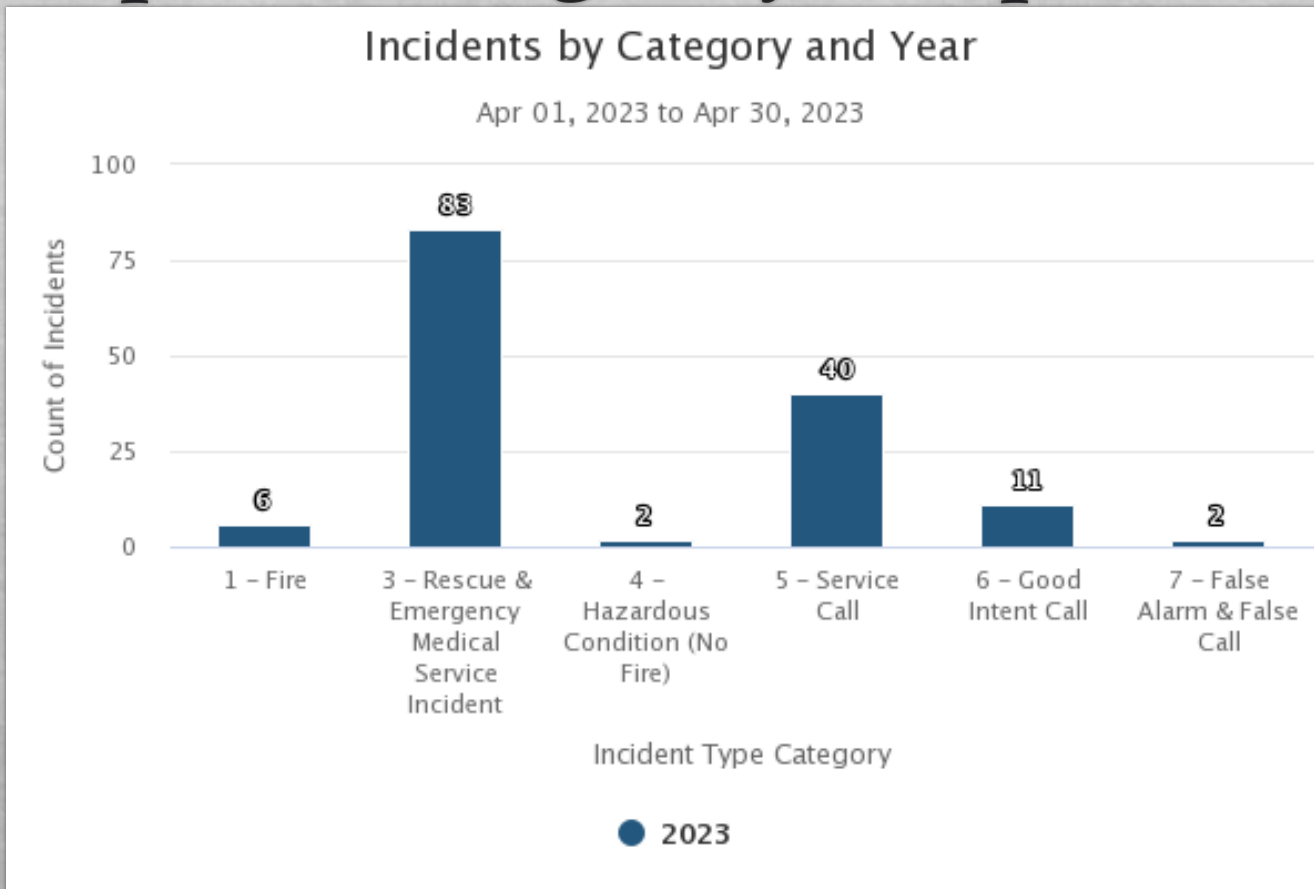


Staff Report
Tubac Fire Board
May 2023

Tubac Fire District is committed to the safety of our community through the delivery of fire suppression, medical services, and public education.

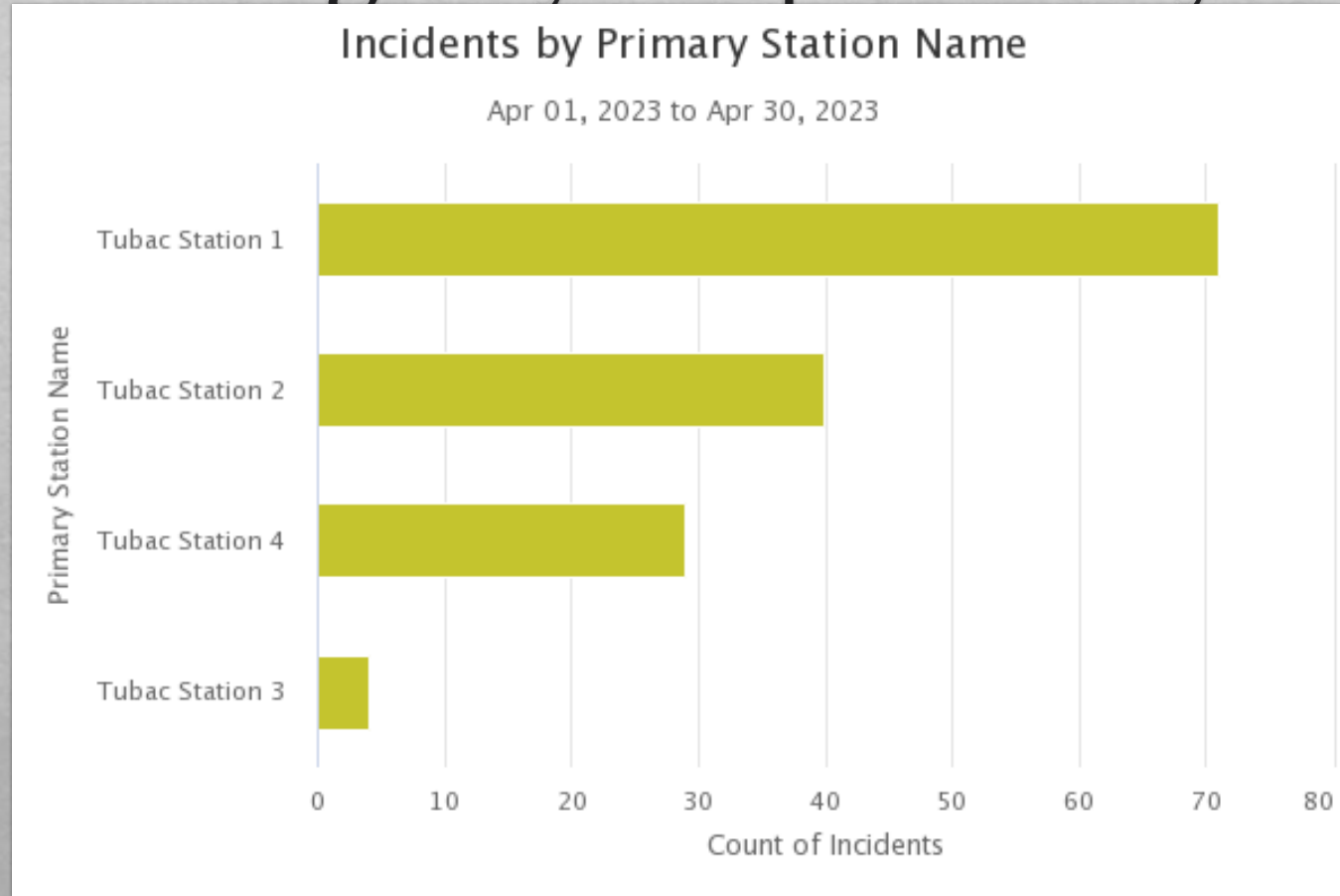


April Emergency Responses



- **EMS 83** (48 transports 2 transfer of care to another EMS agency)
- **Fire 11**
- **Public Assist 51**
- **Total Calls 145**

April Emergency Responses By Station

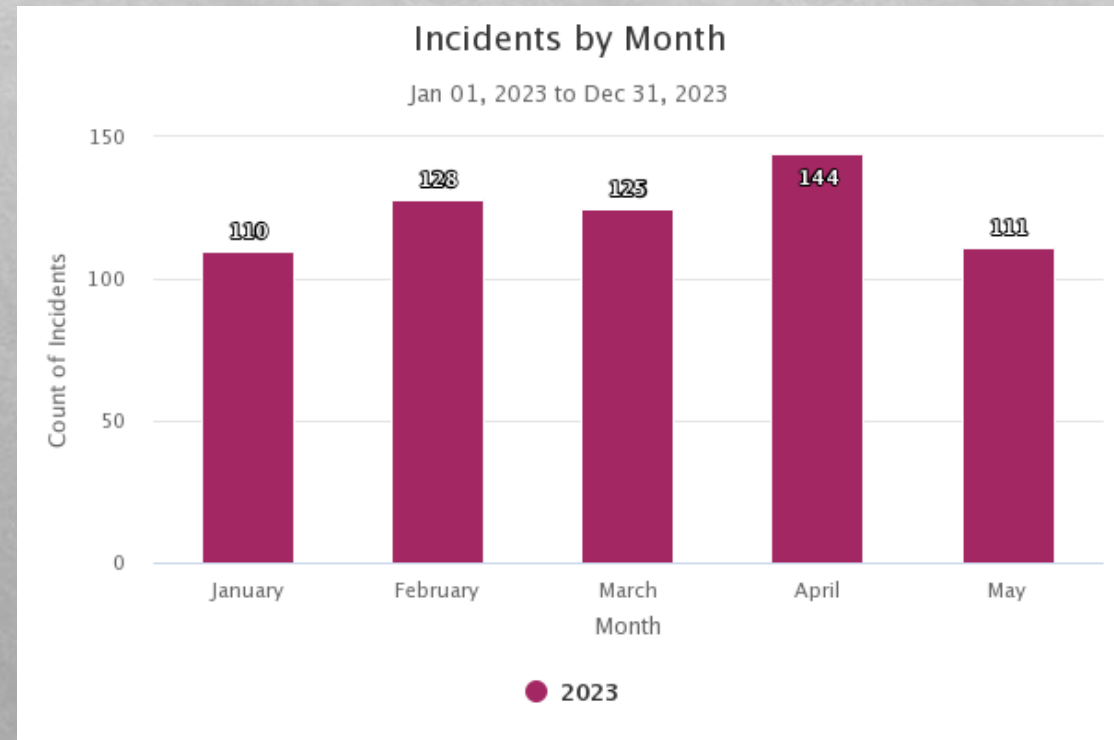


- Station 1 71
- Station 2 40
- Station 3 4
- Station 4 29

Annual Emergency Responses

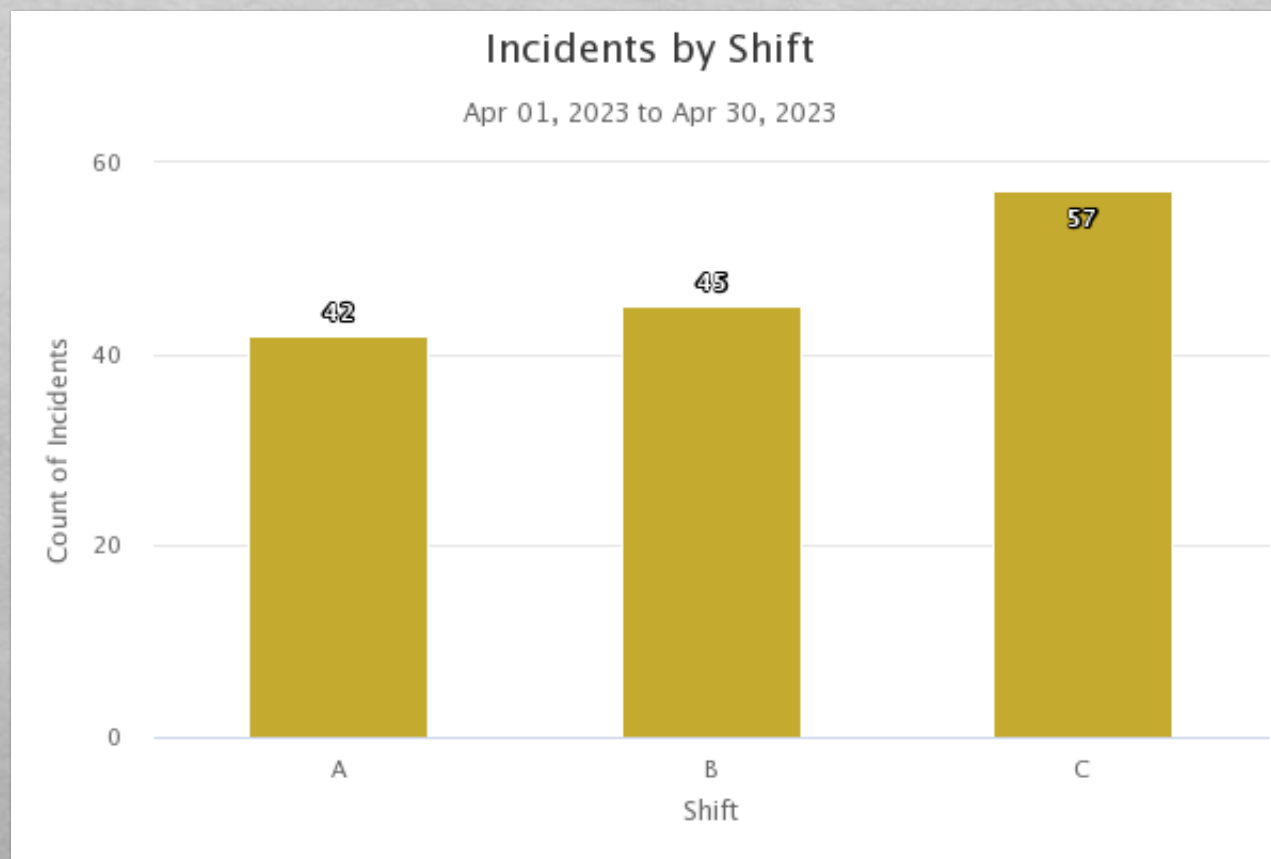


	Calls by Month			
	2020	2021	2022	2023
January	113	126	116	110
February	117	113	115	128
March	101	132	124	125
April	96	114	131	145
May	117	137	160	
June	133	155	142	
July	144	125	141	
August	174	129	133	
September	141	151	138	
October	125	106	132	
November	129	141	101	
December	108	126	100	
Total	1498	1555	1533	





Incidents by shift



A Shift 42

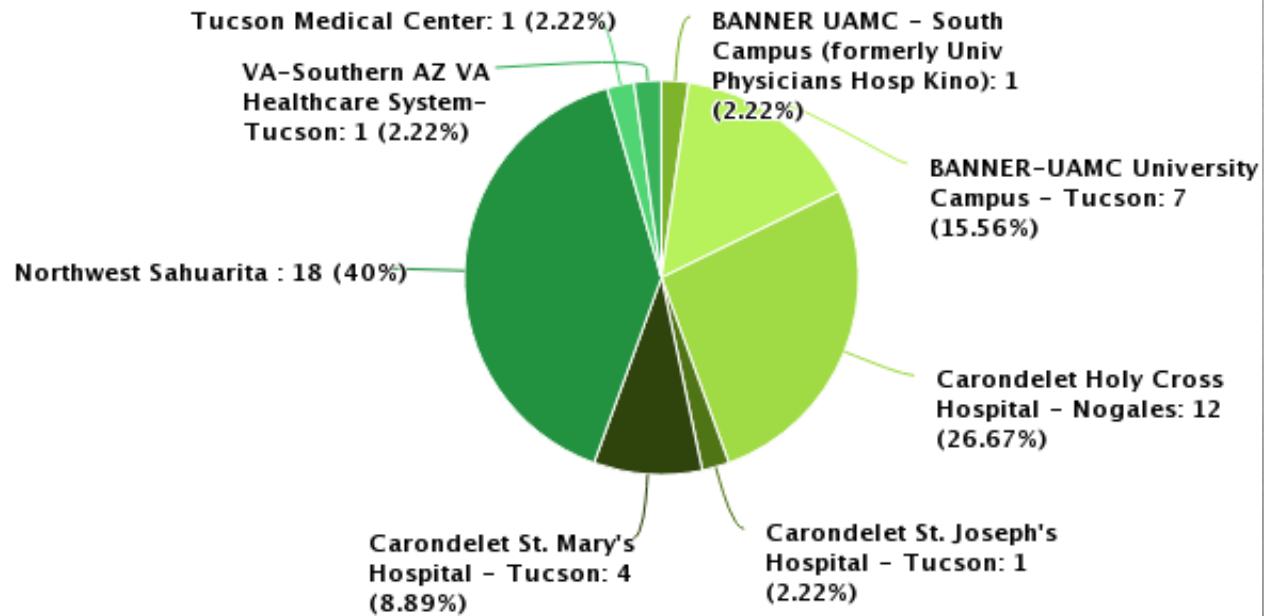
B Shift 45

C shift 57

Transports by Destination

Transports by Destination

Apr 01, 2023 to Apr 30, 2023



- Holy Cross 12
- Northwest Sahuarita 18
- Banner Main 7
- St Mary's 4
- Tucson Medical 1
- Banner South 1
- VA 1
- Northwest Medical Center Oro Valley 0



Turn around times based on location of transport

Destination Name	Transports	Average Transport Time	90th Percentile Transport Time	Average Patient Arrival to Transfer of Care Time	90th Percentile Patient Arrival to Transfer of Care Time	Average Patient Arrival to Unit Back in Service Time	90th Percentile Patient Arrival to Unit Back in Service Time
BANNER UAMC - South Campus (formerly Univ Physicians Hosp Kino)	1	00:59:58	00:59:58	00:09:34	00:09:34	02:07:25	02:07:25
BANNER-UAMC University Campus - Tucson	7	00:48:58	00:56:01	00:09:43	00:21:57	00:55:13	01:43:40
Carondelet Holy Cross Hospital - Nogales	12	00:18:56	00:25:28	00:04:25	00:08:19	00:27:25	00:46:58
Carondelet St. Joseph's Hospital - Tucson	1	01:13:28	01:13:28	00:22:27	00:22:27	01:52:25	01:52:25
Carondelet St. Mary's Hospital - Tucson	4	00:53:52	01:01:06	00:18:36	00:33:17	00:40:59	01:07:48
Northwest Sahuarita	18	00:31:31	00:37:28	01:28:12	00:24:15	00:36:11	01:00:55
Tucson Medical Center	1	01:00:34	01:00:34	00:17:21	00:17:21	01:32:21	01:32:21
VA-Southern AZ VA Healthcare System-Tucson	1	00:43:04	00:43:04	00:00:01	00:00:01	00:48:34	00:48:34


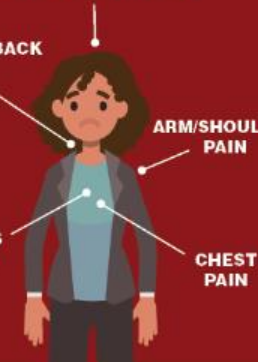





April Trends

- Chest Pain (Cardiac related calls)
- Brush Fires
- Snake Removals
- Falls



Division for Disease Control and Prevention
MMWR | **RECOGNIZE A HEART ATTACK; SAVE A LIFE!**

HEART ATTACK FACTS	ONLY ~50% KNEW ALL 5 MAJOR SYMPTOMS	TAKE ACTION
<p>HEART ATTACKS HAPPEN EVERY 40 SECONDS</p>  <p>OCUR WHEN THE HEART MUSCLE DOESN'T GET ENOUGH BLOOD</p>	<p>LIGHTEADED OR WEAK</p> <p>JAW/NECK/BACK PAIN</p> <p>ARM/SHOULDER PAIN</p> <p>SHORTNESS OF BREATH</p> <p>CHEST PAIN</p> 	<p> KNOW THE SYMPTOMS</p> <p> CALL 9-1-1 IMMEDIATELY</p> <p> ACT FAST, DELAYS CAN LEAD TO FURTHER HEART DAMAGE OR DEATH</p>

from the National Health Interview Survey (NHIS) among U.S. adults in 2008, 2014, and 2017 as published in Fang et al. MMWR 2019. © 2019 CDC

WWW.CDC.GOV

FALLS PREVENTION IS A TEAM EFFORT #FPAD2019

FAMILY & FRIENDS

Ask family and friends to help check and rid your home of falls hazards.



ncoa
National Council on Aging



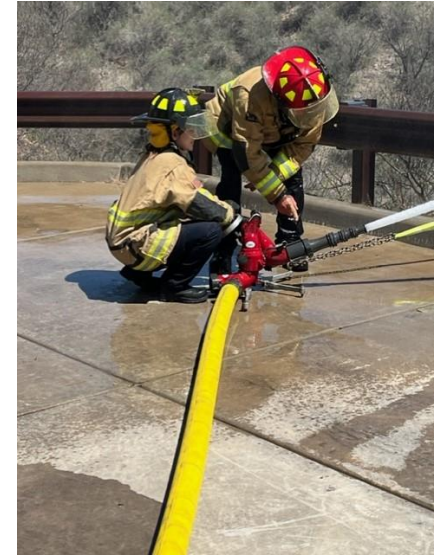
Significant Calls

- ❖ Rattlesnake Bite, Patient transported by ground to Holy Cross. Holy Cross was contacted prior to transport to confirm antivenom availability. Cost per vial of Antivenom is between \$11,000 - \$14,000
- ❖ Self inflicted gun shot wound to the chest; patient was flown to Banner University in critical condition.
- ❖ Semi roll over, patient flown to Banner university with suspicion of a spinal injury and closed head injury.

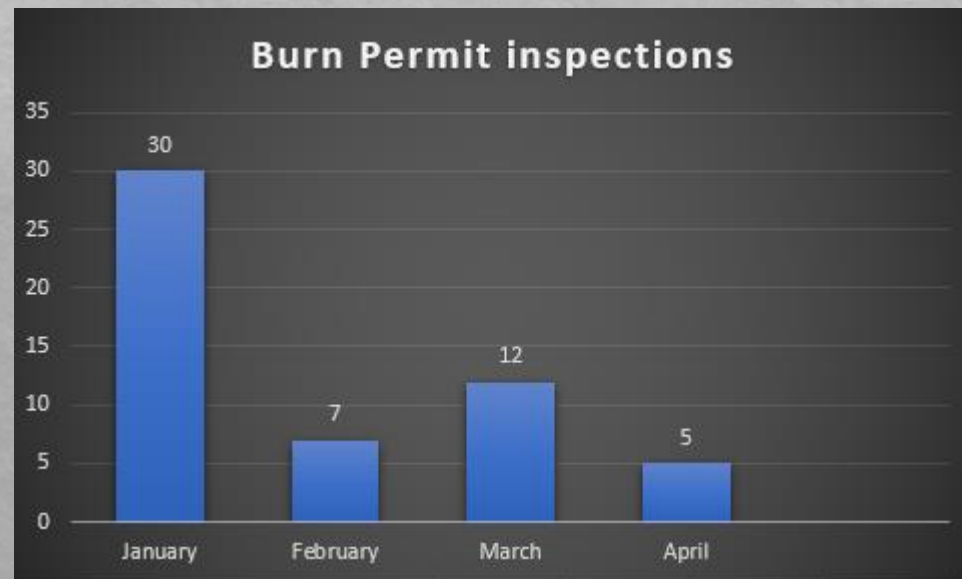
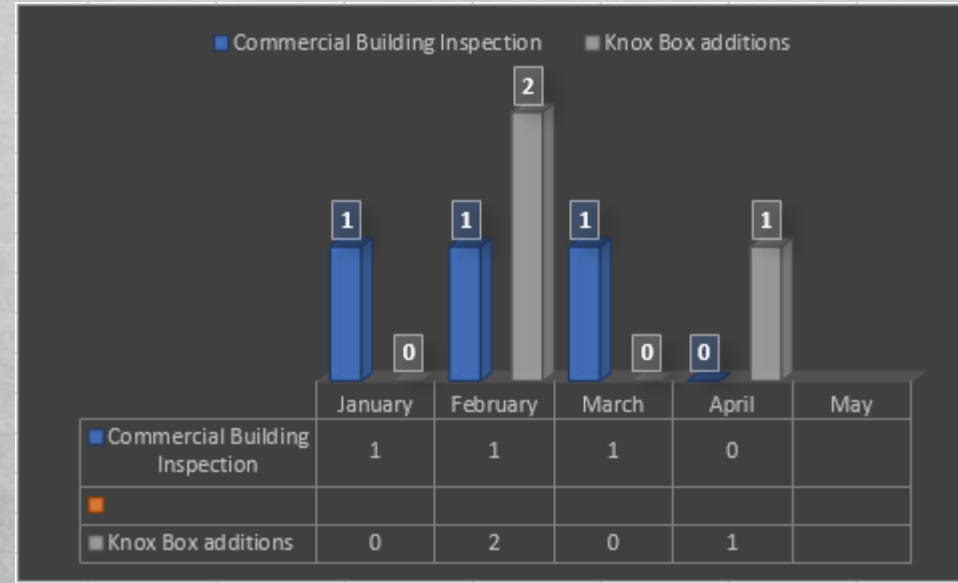
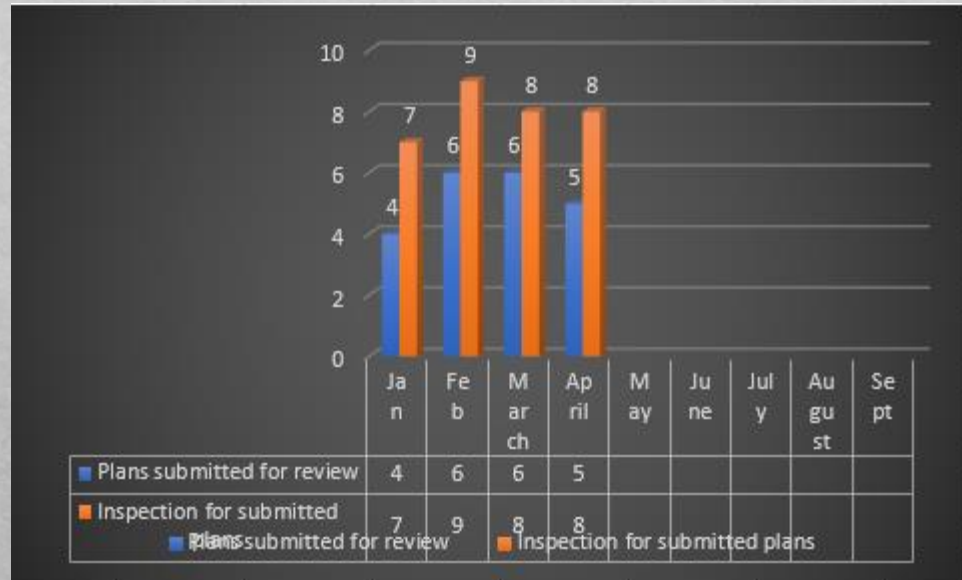


Training

- ◆ Technical Rescue Training
- ◆ Academy training setting up master streams
- ◆ Two firefighter attack
- ◆ Vehicle Extrication



Plans Review & Inspections

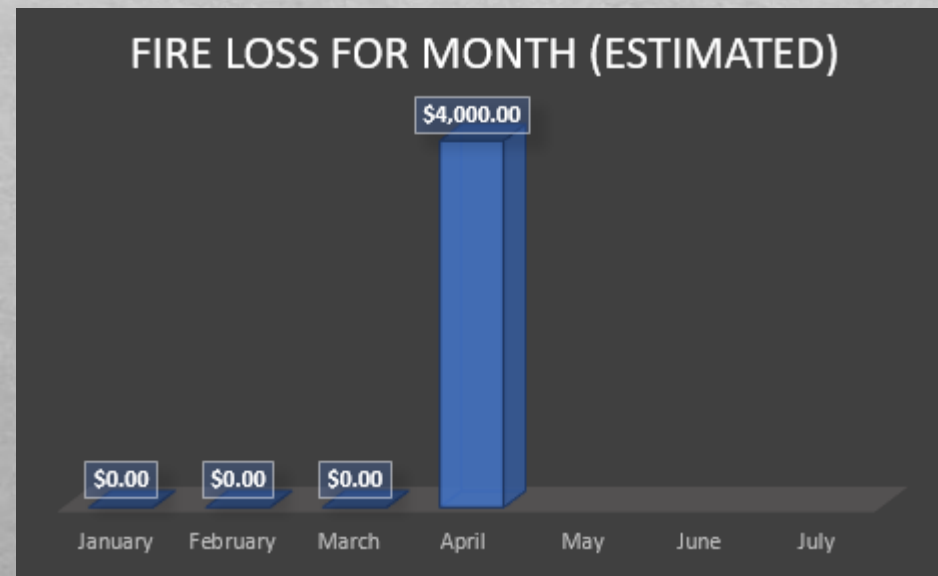




Maintenance Requests

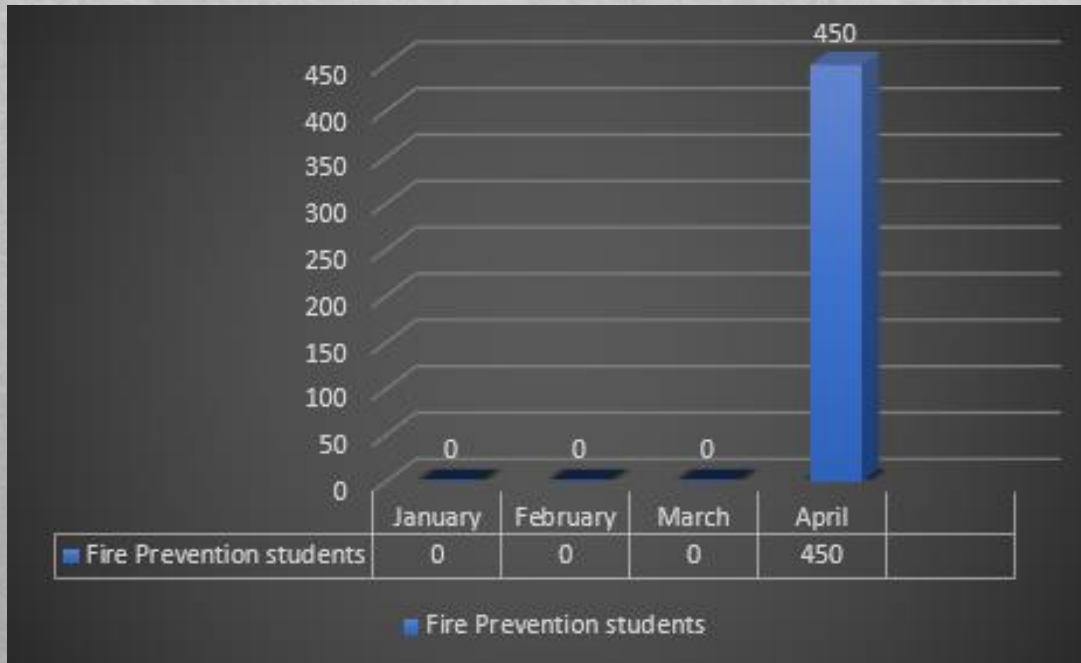


Fire Loss Due To Incident





Fire Prevention and CPR Classes





Fire Chief's Weekly Update – April 7, 2023

Activities and significant events:

- ❖ Chief Guerrero met with DC Rivera and Acting DC Guerrero on Monday morning as part of a weekly ops meeting.
 - ❖ Chief Guerrero and DC Rivera met with AT&T to continue the contractual agreements between Tubac Fire, AT&T, and Simply Bits.
 - ❖ Chief Guerrero met with labor representatives on Tuesday. Main topic of discussion was a memorandum of understanding. A follow-up meeting is scheduled for next Monday at 0900hrs.
 - ❖ Chief Guerrero met with Board Chair Dahl to discuss the upcoming special meeting agenda and tower project contracts.
 - ❖ Chief Guerrero met with Gabe to discuss the fiscal year 2023-2024 budget and capital improvement plan.
 - ❖ Chief Guerrero assisted with Blue Card incident command training Wednesday through Friday. We had participants from Nogales, Rio Rico, Tubac, and Pascua Fire.
 - ❖ Chief Guerrero and Chief Rivera picked up our new staff vehicle last week.
- ❖ **Station 1 project update:**
- ❖ The preliminary architectural feasibility report is underway. Surveyors will be on site to take measurements of station 1 property. We have not received a date as of today.
 - ❖ John Price from WSM has been in contact with us and continues to work through the feasibility report.
- ❖ Tubac Fire board and staff will meet for a workshop/study session to continue the station specifications, design, and potential phases on Friday, April 14, 2023.
- ❖ Nothing else has been requested from USDA.
- ❖ **Tower project update**
- ❖ Chief Guerrero and DC Rivera met with the tower representatives to continue contract negotiations.
 - ❖ An AT&T representative will be at our April board meeting to give a board presentation and answer questions. This has been confirmed.



- ❖ DC Rivera met with Simply Bits to discuss the move from the existing tower to the potentially new tablet.

❖ **Update from Acting DC Guerrero:**

- The new Hire process has been scheduled for the 20th of this month; we have 4 candidates. Captain Rodriguez and Firefighter Mario Bernal will be assisting with the interviews and PAT.
- Acting Deputy Chief Guerrero was part of the recertification process for Blue Card Wednesday through Friday.

A shift

- No notable calls but most of the calls have been minor MVC's.
- A shift trained in Gurney Operations with and without power.
- Overviewed Pain management administrative guidelines, Pearls of wisdom of a crashing patient, and BLS thresholds.
- Trained in deploying the spiral load for rapid deployment in scenarios with limited space to deploy a traditional pre connected houseline.



C Shift

- C Shift had 12 total 911 dispatches. 9 EMS 3 Fire
- C Shift had a vehicle rollover early Sunday morning. An infant and its mother were transported by M-731 to a Tucson Hospital.
- C Shift trained on how to assemble and use the 2 new patient litter baskets and wheel. Proper patient packaging was included in the training.
- C Shift trained on how to properly don Fire Turnouts which included donning the SCBA. Tools to carry in our turnouts were also discussed.
- C Shift trained on extinguishing a car fire using the high-rise pack. The training was held at night and during the day so the difference between conducting the procedure in the dark can be seen. Proper scene lighting was also completed.
 - C Shift trained with Firefighter Ruiz in the basics of engineering.
 - Captain Alvarez worked with Image trend to begin to transition our EPCR over to NEMSIS 3.5



Chief Rivera's weekly update

- Conference call with AT&T about tower

- Conference call with Simply Bits about tower.
- Met with AEP about lights and radios on new truck.
- Unit 1054 ready for pickup at Ford.
- Engine pump testing was scheduled.

Fire prevention/Pub Ed Captain Alvarez

- Captain Alvarez was asked to be a judge for the San Cayetano talent show this past Thursday. The top 3 students then moved on to the district competition.
- Captain Alvarez held a BLS CPR renewal class this past Monday.
- Captain Alvarez is coordinating various events with the local Girl Scouts troop. This would include a day at the fire station and allowing them to use our stations for their monthly meetings.

Update from Captain J. Conger – SCC EMT/FF Recruit Academy

- The Academy is moving along.
- The recruits are getting more hands-on training that coincides with their lectures.
- This past week they learned ventilation and fire hose.

“It isn't the mountains ahead that wear you down. It's the pebble in your shoe.”

- Muhammad Ali

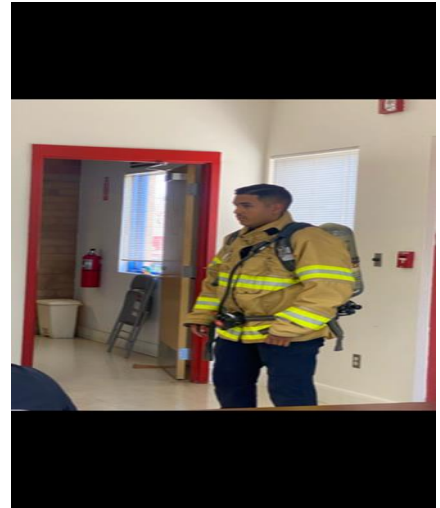




Fire Chief's Weekly Update – April 14, 2023

Activities and significant events:

- ❖ Chief Guerrero met with Acting DC Guerrero and Bianca as part of our weekly meeting.
- ❖ Chief Guerrero and Acting DC Guerrero met with Vector Solutions to finalize the training for our evaluation's module on Target Solutions. Acting DC Guerrero is in the process of building out Task Books within the module.
- ❖ Chief Guerrero met with labor representatives Captain Alvarez and Firefighter Caschera.
- ❖ Chief Guerrero attended the Regional Chief's meeting on Wednesday. As part of the meeting, we toured the South32 Hermosa mine located just behind Patagonia.
- ❖ Chief Guerrero and Acting DC Guerrero attended the COVID update conference call on Thursday. There was a significant increase in COVID positive cases due to a school outbreak. This is expected to taper off.
- ❖ Chief Guerrero and Senior staff attended a special board meeting on Friday to continue to discuss the Station 1 project.
- ❖ Chief Guerrero is scheduled to meet with all shifts next week.



❖ Station 1 project update:

- ❖ We continue to progress through the preliminary architectural feasibility report. Our special board meeting proved beneficial for the completion of this step.
- ❖ We are looking at submitting a Categorical Exclusion to satisfy the environmental phase I report required by USDA.



❖ Tower project update

- ❖ An AT&T representative will be at our April board meeting to give a board presentation and answer questions. This has been confirmed.
- ❖ We are currently awaiting a rebuttal on contractual agreements from AT&T

❖ Update from Acting DC Guerrero:

- Attended a meeting with members of Arizona workforce to discuss further support for future firefighter recruit academies.
- ADC Guerreo attended the Regional SAEMS provider meeting in Vail, discussed current challenges we are being faced with including hospital wait times, Hospital wait times for interfacility transfers that are tied to staffing problems across the region.
- Captain Rodriguez will be attending a Hazmat conference in Salt Lake City next week.

A shift

- This week A shift ran 9 calls with 2 transports and one handoff to LifeNet 6. Of those calls they had a possible heart attack and a dumpster/house fire.
- Firefighter Sanchez and Firefighter Villegas participated in the live car fire training with the academy at RRMFD station 2.
- Crews inventoried and trained with newly acquired technical rescue equipment.

B Shift

- B shift responded to a motor vehicle rollover that ended with a patient being transported to Banner University Medical center by ground.
- B shift trained with the academy on ground monitors and setting up master streams.



C Shift

- C Shift had a total of 9 Calls, 6 Medical and 3 Fire/ Public Assists.
- Responded to a rattle snake bite patient was transported to Holy Cross Hospital as antivenom was available.
- Responded to a patient involved in an MVC on I-19 KM 22. The patient was transported in stable condition to Tucson Medical Center.
- C Shift trained on 2-person fire attacks with search and rescue.
- Firefighters Fontes, Gonzalez and Bernal alternated being the incident commander, as they are in the process of completing the Acting Captain Task Book.

- C Shift attended a presentation with representatives from Innotex Rescue Gear.

Chief Rivera's weekly update

- Unit 1053 in for repair and maintenance
- Attended fire Chief meeting.
- Held Apparatus meeting for a Type 1/3 engine.
- Schedule Pump testing.
- Finished Hazard Mitigation Plan to report to county.



Fire prevention/Pub Ed Captain Alvarez

- Captain Alvarez is coordinating multiple station tours for various groups in the upcoming weeks.
- Captain Alvarez will be holding 2 Heart saver CPR classes next week. One will be for the Santa Cruz County Courts employees and the other is for a Santa Cruz County business.

Update from Captain J. Conger – SCC EMT/FF Recruit Academy

- All recruits were fit tested for masks.
- Recruits conducted their first major live fire training as they worked on attacking vehicle fires this week.
- The recruits trained with master streams and hose line management techniques at our station 4.



“You cannot escape the responsibility of tomorrow by evading it today.”

~Abraham Lincoln~



Fire Chief's Weekly Update – April 21, 2023

Activities and significant events:

- ❖ Chief Guerrero met with Acting DC Guerrero and DC Rivera on Monday as part of our weekly administrative meeting.
- ❖ Chief Guerrero met with all Crews this week on Monday, Wednesday, and Thursday. This was a very pleasant experience for me, and I appreciate all the input and hard work.
- ❖ Chief Guerrero and Bianca met with Crest Insurance Group to discuss Medical Benefits, vision, and dental plans and rates.
- ❖ Acting DC Guerrero conducted full-time and reserve testing on Thursday. We have extended job offers to two Firefighters. They have both accepted and have begun the onboarding process.

Congratulations to Firefighter/Paramedic Larry Marchbanks, and Firefighter/EMT Alfonso Cortinas.



- ❖ Chief Guerrero attended the SEAMS council meeting on Wednesday.
- ❖ **Station 1 project update:**
- ❖ Surveyors were on site at our station to continue to progress through the PAR. They were present on Thursday and completed early afternoon Friday.
- ❖ Coffman Associates will be completing the process of a CATEX in coordination with staff and WSM Associate John Price.

❖ Tower project update

- ❖ An AT&T representative will be at our April board meeting to give a board presentation and answer questions. This has been confirmed.
- ❖ We are currently awaiting a rebuttal on contractual agreements from AT&T

❖ Update from Acting DC Guerrero:

- Acting Deputy Chief Guerrero met with AZDHS to discuss replenishment of our Naloxone supply for our safe station and leave behind program. We will be receiving 120 doses of Narcan from AZDHS and an additional 50-80 doses for the leave behind program from AZDHS EMS and Trauma Systems.

- Paramedic Fontes and Bernal assisted ADC Guerrero with interviews and testing full time. We interviewed three candidates; notifications have been made.

A shift

- A shift crews responded to a gunshot wound to the chest, the patient was flown to Banner university in critical condition.

B Shift

- B This week we had pump testing for the engines and tenders Tuesday through Thursday.
- Tuesday had an accident with a construction truck, and a patient was flown out to BANNER Main.
- Thursday B-Shift had the crew meeting with the Chief.
- participated in vehicle extrication with the fire academy, helped with new hire CPAT testing.
- Paramedic Zamora conducted refresher training for B shift.
- Captain Rodriguez attended Hazmat training in Salt Lake City Utah.



C Shift

- C Shift was asked to respond with a type 6 to Arivaca for a brush fire. B-724 was cancelled while enroute.
- On Friday 4/14, a patient who experienced chest pain while traveling on I-19 was flown to a local Tucson Hospital
- On Friday 4/14, the Fire Academy came to Station 4 to continue to continue to practice hose deployments and hose racking.
- Future training was planned in conjunction with FF Fontes to allow him to obtain footage to upload to our Target Solutions training platform.
- Captain Alvarez and Tapia met with shift members approaching the end of their probationary period.

Chief Rivera's weekly update

- Unit Unit 1053 out for repairs.
- Unit 1042 had pump problems/primer during pump testing. O.O.S.
- Attended crew meeting with Chief.
- Following up with a couple of fires we had recently.
- Pump testing completed.

Fire prevention/Pub Ed Captain Alvarez

- Captain Alvarez, FF Zamora and FF Mohinea went to the Santa Cruz County Courthouse to help the last group of employees obtain CPR certification.
- FF Zamora will be an official CPR Instructor, bringing us to a total of 7 CPR Instructors.
- A career day at Mountain View School is planned for 4/28 from 0800-1000

Update from Captain J. Conger – SCC EMT/FF Recruit Academy

- Monday and Tuesday this week we trained on overhaul, and salvage covers.
- Wednesday and Thursday we worked on technical rescue support and vehicle extrication. No injuries to any of our personnel.



Wildland Update

- B-shift assisted with Tinaja Fire which lasted for 5 days. Crews assisted with a Type 6 engine on the first day. After that, crews were ordered as the medical team with UTV for the remainder of the fire.
- B-Shift responded with a crew of 2 on a Type 6 engine to assist with a fire in the Arivaca area.
- A-Shift with a crew of 3 responded this week but were canceled before arriving.
- B-Shift completed their wildland refresher training which included practicing fire shelters. DC Rivera is also assisting with the setup of the new Chevrolet truck. Tasks include installing emergency lighting, BK radio mounts, and a camper shell. Decals are also being added to the truck.

““We cannot solve our problems with the same thinking we used when we created them.”

~ Albert Einstein



Fire Chief's Weekly Update – April 28, 2023

Activities and significant events:

- ❖ Chief Guerrero met with Admin staff on pending projects and weekly activities.
- ❖ Admin Staff and Captain Alvarez attended the board meeting on Wednesday.
 - Board Resolution 2023-0001 was approved by the board appointing Chief B. Guerrero and Captain H. Guerrero as applicant and alternate applicant representatives with Arizona Department of Emergency & Military Affairs.
 - The board approved the proposed Medical Benefits packet.
 - The board approved the purchase of a new Ambulance.
- ❖ Chief Guerrero attended the Regional Fire Academy live burn on Friday.



❖ Station 1 project update:

- ❖ The board gave WSM direction at our board meeting on conceptual station plan containing an admin space, fire house, and bays.
- ❖ WSM will be updating the conceptual drawing as part of the preliminary architectural feasibility report (PAR). We are looking at the PAR to be completed by the end of next week.
- ❖ Coffman Associates are currently working on our Categorical Exclusion (CATEX) in lieu of an environmental phase I report.
- ❖ Once we complete the PAR and CATEX to USDA satisfaction we will be closer to the release of funds.

❖ Tower project update

- ❖ William Daley was present at the board meeting and answered questions.
 - ❖ We will continue to work with William and AT&T.
 - ❖ We are currently awaiting a rebuttal on contractual agreements from AT&T



❖ Update from Acting DC Guerrero:

- Weekly meeting with the Chief's to Discuss the plan for the Week.
- Attended Several meetings this week: Corona Virus update, met with healthcare department heads to discuss Covid-19 any trends in infection rates.

- Met with a representative from Circles of Peace to install a Naloxbox at station 2 with plans of adding another box at station 1.
- Meeting with Vector Solutions Finalize training on Vector Solutions evaluations module.
- Meeting with SOSA ((Santa Cruz County Overcoming Substance Addiction)
- Assisted the recruit academy Live fire drill at Rio Rico Station 2.



A shift

- This tour for A-shift we had a total of 13 calls, 6 transports and 1 flown out ranging from scalding water burns, chest pain, back pain and a possible heart attack.
- A shift completed the Wildland refresher put on by Firefighter Zamora
- FF Uriel and Confair Completed the pack test and are ready for wildland season.

B Shift

- No Significant calls
- B shift will be training on search and rescue this tour
- The Valdez family welcomed a new baby this week. ***Congratulations Henry!***

C Shift

- C Friday night, C Shift responded to a cow stuck in a cattle guard at the entrance of Santa Gertrudis and East Frontage Rd. C Shift, members of the Santa Cruz County Sheriff's Deputies and ranch hands worked together and were able to free the cattle and relocate it back to its range. The cattle had minor injuries.
- C Shift responded to Madera Canyon along Old Baldy Trail in reference to a hiker with a laceration to his thumb.
- C Shift was dispatched mutual aid to Sahuarita by Green Valley in reference to a sick person. While enroute, M-734 was cancelled and rerouted to Green Valley Fire Station 153 for coverage due to a shortage of ambulances. M-734 cleared after 2 hours of standby coverage.
- C Shift responded to an MVC. A vehicle was traveling west on Camino Josephina and missed the turn onto Pendleton Drive and the vehicle came to a stop on a hill.
- C Shift trained on various techniques to properly deploy both cross lays (Hose Lines) and how to properly rack both cross lays.



Chief Rivera's weekly update

- Unit 1043 In for repairs
- Attended Historical society meeting for the tower to discuss phase 1 of the zoning process.
- 1053 Back in service
- 1042 failed pump test scheduled for repairs.
- Attended the Board Meeting

Fire prevention/Pub Ed Captain Alvarez

- Captain Alvarez held a CPR class on Saturday morning at Station 4.
- C Shift attended Career Day at Mountain View School. This event is in coordination with various agencies to help guide students into various careers.
- CEP Zamora helped teach a Heart Saver Class for the Santa Cruz County Courthouse employees this past Friday.

Update from Captain J. Conger – SCC EMT/FF Recruit Academy

- All This week the academy has been working on extinguishing liquid fires, first aid, and NIMS. On Friday, the cadets will be fighting the Propane Dragon in the afternoon.
- All cadets are doing well in class.



Wildland Update-Wildland Coordinator Tim Z

- A shift completed the wildland refresher with fire shelters practice. It is crucial that we are all up to date with our training to ensure the safety of ourselves and others.
- Tender 1045 responded to the Solana Fire near three points. The team did an excellent job and returned safely the same day. Thank you to those who responded and for your hard work in keeping our community safe.
- Engine 1048 has been set up as the AI response Engine, with 3 fire shelters with pack and IRPG inside. Please ensure you are familiar with the equipment and its location. The Redbook is in the driver side compartment, and the CTR and Equipment shift tickets are in the glove book.
- Stay safe out there, and let's continue to work together to

achieve our goals.

“You need to surround yourself with quality human beings that are intelligent and have a vision.”

~Vince McMahon~



FUTURE FIREFIGHTERS IN TRAINING

TUBAC FIRE DEPARTMENT IN COLLABORATION WITH SANTA CRUZ COUNTY SUPERINTENDENT ALFREDO VELASQUEZ

Are you between the ages of 10 and 15? Learn how to be a firefighter! Train with them and receive your CPR and First Aid certification!

Join the 2-week program at the Tubac Fire station on June 12th to the 16th and 19th to the 23rd from 10AM-12 PM at 1360 W Frontage Rd
To enroll, email bguerrero@tubacfire.org

