



2020 END-OF-YEAR REVIEW + RESCUE REPORT



DEAR FRIENDS AND SUPPORTERS

We begin this Rescue Report with a humbled Thank You. Our team, through everything in 2020, has never felt more supported and cared for as they do right now. Our community means everything to us and your support keeps us going financially, physically and mentally. Thank you for every bit you've been able to do this past 12 months to keep us geared up, mentally fit, laughing, and trained to respond to community members in need.

The pandemic has certainly taken a toll on many people near and far. We feel incredibly fortunate and proud to be part of a first-responder team at this time. The volunteers' collective ability to be prepared during these challenging times can't be overstated all the while dealing with unknowns at work, stress of family life and worrying about loved ones at a distance. It's also been challenging to stay connected as a team when volunteer dinners, backyard BBQ's and team trainings have been dismantled or delayed. But this team continues to be there for its members, creating bonds that can transcend our new normal.

You'll see in this End-of-Year Review and Rescue Report that since June 1 we've received 45 calls for service, with 25 of those calls resulting in active rescues. More than half of those were handled by our new RZR and trusty wheeled litter, often hand in hand. It's great to see that at a time when technology and speed are often the go-to that rescuing still needs basic tools like wheels, litters and boots on the ground to get the job done efficiently.

Here's to a safe, healthy and hopefully adventurous winter season.

Matt Carr,
TCSO Sheriff, TCSAR Volunteer #22-1
and
Stephanie Thomas,
TCSARF Executive Director, TCSAR Volunteer #75

TCSO SAR ADVISORS AND STAFF

CODY LOCKHART, CHIEF ADVISOR
AJ WHEELER, M.D., MEDICAL ADVISOR
DOUG VAN HOUTEN, LOGISTICS ADVISOR
GALEN PARKE, PLANNING ADVISOR
KC BESS, MEMBERSHIP ADVISOR
ANTHONY STEVENS, TRAINING ADVISOR
JESSICA KING, TCSO SAR SUPERVISOR
MATT CARR, TCSO SHERIFF

FOUNDATION STAFF

STEPHANIE THOMAS, EXECUTIVE DIRECTOR
CASEY LEWIS, DONOR RELATIONS DIRECTOR
MATT HANSEN, COMMUNICATIONS DIRECTOR
LIZ KING, PREVENTATIVE SAR MANAGER
CARYN FLANAGAN, DIRECT SUPPORT COORDINATOR

FOUNDATION BOARD MEMBERS

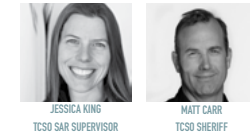
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JESSE STOVER, VICE PRESIDENT
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ROBERT KOPP
SCOTT GUENTHER, GTNP LIAISON
JESSICA KING, TCSO SAR LIAISON
CODY LOCKHART, TCSAR ADVISOR LIAISON

FROM
DECEMBER 1, 2019 - NOVEMBER 30, 2020
TCSAR VOLUNTEERS SPENT
8,129 HOURS
ON SAR-RELATED ACTIVITIES
RESCUES = 3,355 HOURS
TRAINING = 4,539 HOURS
COMMUNITY EVENTS = 235 HOURS

TCSAR VOLUNTEER TEAM MEMBERS

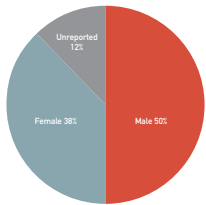


TCSAR EMPLOYEES

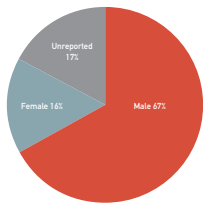


INCIDENTS BY GENDER

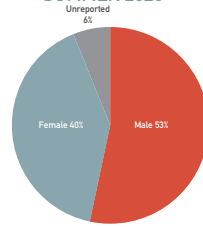
WINTER 2019/20



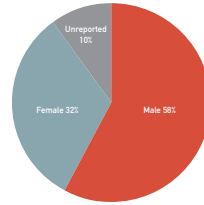
WINTER 10-YEAR AVG



SUMMER 2020

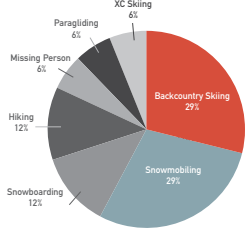


SUMMER 10-YEAR AVG

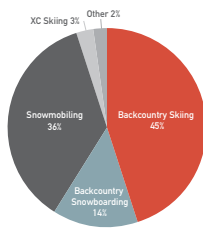


INCIDENTS BY ACTIVITY

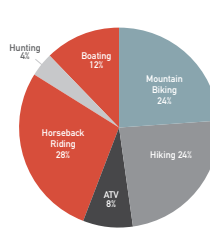
WINTER 2019/20



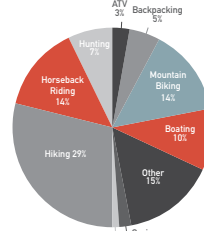
WINTER 10-YEAR AVG



SUMMER 2020



SUMMER 10-YEAR AVG



Summer 2020 RESCUE REVIEW

» JUNE

RESCUE Lost Hiker up Adams Canyon
DATE 6/12/2020
TIME 7:56 p.m.
DURATION 1 hour, 7 minutes
ATTENDEES 5 team members
PERSON HOURS 5.6

WHAT HAPPENED? A 63-year-old male hiker was late in returning home after a hike behind Snow King, prompting his partner to call emergency dispatch. As the TCSAR Board of Advisors was formulating a response, the man made it home safely and the team stood down.

RESCUE Overdue Kayakers on the Gros Ventre River
DATE 6/5/2020
TIME 3:09 p.m.
DURATION 1 hour, 51 minutes
ATTENDEES 17 team members
PERSON HOURS 31.5

WHAT HAPPENED? Four kayakers, all men in their late 20s and early 30s, were overdue from a float down the Gros Ventre River. They had launched from the bridge below Lower Slide Lake at 1 p.m. and planned a half-hour float to the take-out by Jumping Rock. When they didn't show up 1.5 hours later, the wife of one of the kayakers called 911. With the Class IV stretch of water running high due to snow melt, TCSAR initiated a swiftwater response by sending two team members in kayaks down the river, another team to search the banks, and another to run communications. Just before the teams departed the hangar, a sheriff deputy spotted the four kayakers floating down the river safely, and the team stood down at 4:30 p.m.

RESCUE Injured Mountain Biker on Fuzzy Bunny
DATE 6/15/2020
TIME 6:25 p.m.
DURATION 1 hour, 5 minutes
ATTENDEES 18 team members

PERSON HOURS 19.5

WHAT HAPPENED? The Board of Advisors was paged after a mountain biker had suffered a spinal injury after crashing his mountain bike on the Fuzzy Bunny trail near Teton Pass. Two TCSAR volunteers and EMS medics carried the man on a backboard from the accident site to a waiting ambulance. No further TCSAR resources were necessary.

RESCUE Injured Mountain Biker in Wilson Canyon
DATE 6/22/2020
TIME 8:38 a.m.
DURATION 32 minutes
ATTENDEES 10 team members
PERSON HOURS 11.2

WHAT HAPPENED? The Board of Advisors was alerted to an injured mountain biker up Wilson Canyon. Two team members responded directly to the trailhead and located the man about a half hour after the initial page. The patient was able to walk down the trail with assistance from the two team members and did not require an ambulance.

RESCUE Injured Mountain Biker on Teton Pass
DATE 6/27/2020
TIME 8 p.m.
DURATION 2 hours, 25 minutes
ATTENDEES 14 team members
PERSON HOURS 33.8

WHAT HAPPENED? A woman suffered possible head, leg and hip injuries after crashing her mountain bike on the Candy Land trail above Crater Lake. TCSAR responded with the RZR side-by-side, e-bike, and a truck. The patient was located 47 minutes after the initial page. She was packaged and transported to an ambulance near Crater Lake, and the teams returned to the hangar.

RESCUE Overdue Hikers in Alaska Basin
DATE 6/28/2020
TIME 8:30 a.m.
DURATION 2 hours, 42 minutes
ATTENDEES 15 team members
PERSON HOURS 43.2

WHAT HAPPENED? Dispatch received a call regarding two hikers

who were overdue after attempting to hike from Jenny Lake to Teton Canyon in one day. The call initially went to Grand Teton National Park, but was transferred to TCSAR after it became apparent that the hikers had left the park boundary. With freezing temperatures and snow falling at 9,000 feet, there was a concern that the hikers were not prepared to spend the night in the backcountry. As the team was getting ready to depart the hangar, the subjects had made it out of Teton Canyon, and the team stood down.



» JULY

RESCUE Knee Injury on Sheep Mountain
DATE 7/4/2020
TIME 1:40 p.m.
DURATION 3 hours, 20 minutes
ATTENDEES 16 team members
PERSON HOURS 13.3

WHAT HAPPENED? The Board of Advisors was notified that a 63-year-old man had a knee injury on Sheep Mountain and was unable to walk. Due to the distance from the trailhead, the team decided to extract the man with the helicopter. With the ship being under contract with the U.S. Forest Service and Grand Teton National Park during the summer and due to Covid-19 precautions, the park would be requested to handle this and all future helicopter rescues in Teton County until the ship was transferred back to TCSAR in October. Jenny Lake



Rangers accepted this mission and flew to the patient. After the man was picked up by the helicopter, his female partner and dog walked out of the backcountry on their own.

RESCUE Overdue Paddleboarder on Snake River
DATE 7/4/2020
TIME 6:48 p.m.
DURATION 27 minutes
ATTENDEES 13 team members
PERSON HOURS 5.9

WHAT HAPPENED? TCSAR was notified of an overdue paddleboarder on the Snake River near the Astoria boat ramp. The paddler was reported to not be wearing a lift jacket and that he had lost his cell phone in the river. At 7:10 p.m., the man was found safe by his family and the team stood down.

RESCUE Man Stuck Near the Snake River
DATE 7/4/2020
TIME 5:04 p.m.
DURATION 23 minutes
ATTENDEES 8 team members
PERSON HOURS 3.1

WHAT HAPPENED? The Board of Advisors received a call about a man who was stuck on a steep bank of the Snake River near Von Gontard's Landing. The team decided to respond with jet boats, but by the time they were departing the hangar, the man had climbed out on his own. The team stood down.

RESCUE Pacific Creek Flotsam
DATE 7/11/2020
TIME 6:59 p.m.
DURATION 2 hours, 7 minutes
ATTENDEES 6 team members
PERSON HOURS 12.7

WHAT HAPPENED? A pack rafting party on Pacific Creek came across a pile of personal effects, including a backpack, fly rod case, and bear spray. The fly rod case was empty, and the backpack contained an empty can of beer and used energy drink. The bear spray was floating in an eddy with its safety tab removed. There were otherwise no signs of disturbance or confrontation. In trying to decide whether to initiate a search, team members tested the float capabilities of a full bear spray

can versus an empty one, and whether a discharged can would leave lingering colors or odors. The results did not support that an attack had occurred. After checking multiple other sources, the decision was made to not initiate a response.

RESCUE Overdue Hikers in Darby Canyon
DATE 7/11/2020
TIME 9:57 p.m.
DURATION 1 hour, 4 minutes
ATTENDEES 8 team members
PERSON HOURS 8.5

WHAT HAPPENED? Three experienced cavers were reported overdue in Darby Canyon. Given the group's experience level, the Board of Advisors decided to create a plan and wait until the following morning to see if the cavers had not turned up. At 11 p.m., the cavers were reported to be safe.

RESCUE Injured Mountain Biker on Fuzzy Bunny
DATE 7/12/2020
TIME 2:12 p.m.
DURATION 2 hours, 8 minutes
ATTENDEES 14 team members
PERSON HOURS 29.9

WHAT HAPPENED? A young man injured his ankle after crashing his mountain bike while descending the Fuzzy Bunny trail. TCSAR sent teams in the RZR side-by-side and a truck up the Old Pass Road. They found the patient, packaged the lower leg injury, and transported him down the Old Pass Road to an ambulance.

RESCUE Injured Hiker in Darby Canyon
DATE 7/13/2020
TIME 3:03 p.m.
DURATION 1 hour, 57 minutes
ATTENDEES 13 team members
PERSON HOURS 25.4

WHAT HAPPENED? A man lost control of his motorized wheelchair and went off trail, causing him to get stuck. TCSAR sent three team members up the trail with the wheeled litter. Before they could arrive on scene, sheriff deputies were able to bring the man safely back onto the trail.

RESCUE Injured Hiker in Mill Creek
DATE 7/13/2020
TIME 4:24 p.m.
DURATION 38 minutes
ATTENDEES 3 team members
PERSON HOURS 1.9

WHAT HAPPENED? A woman fell while hiking the Mill Creek trail about a mile from the Grand Targhee Resort boundary. She was in extreme pain with a suspected shoulder injury. The BOA relayed the call to Grand Targhee patrol, which was able to locate the patient and bring her back to the aid station.

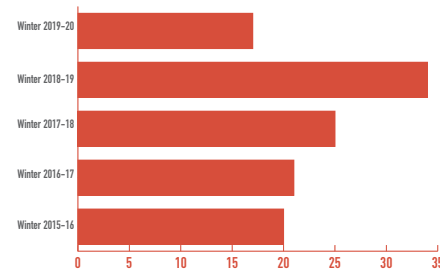
RESCUE Unconscious Hiker on Snow King
DATE 7/14/2020
TIME 8:47 a.m.
DURATION 1 hour, 13 minutes
ATTENDEES 18 team members
PERSON HOURS 21.9

WHAT HAPPENED? While hiking up Snow King, a TCSAR team member encountered a man who was losing consciousness after falling down. Soon after, a RZR team responded up Snow King to provide care for the patient. He was then loaded into the RZR for transport down the mountain to an ambulance.

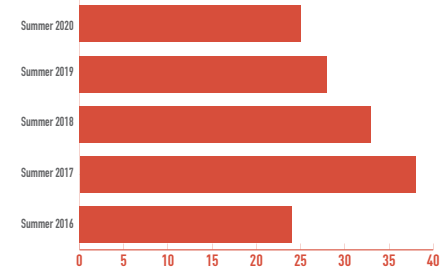
RESCUE Injured Hiker in Alaska Basin
DATE 7/14/2020
TIME 8:47 a.m.
DURATION 13 minutes
ATTENDEES 3 team members
PERSON HOURS 0.7

WHAT HAPPENED? A hiker in Alaska Basin called to say that his friend had a cut on his lower leg. They controlled the bleeding and had exited Teton Canyon, but didn't have a car there. Because the hikers were at a trailhead and not in the backcountry, TCSAR advised the hikers to call a cab or find a ride some other way.

ACTIVE SAR INCIDENTS PER WINTER

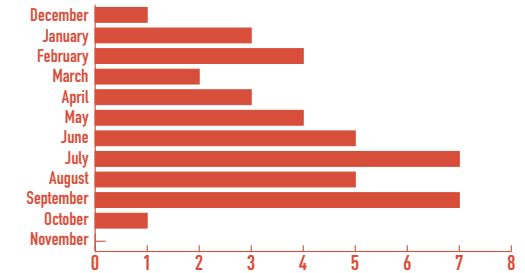


ACTIVE SAR INCIDENTS PER SUMMER

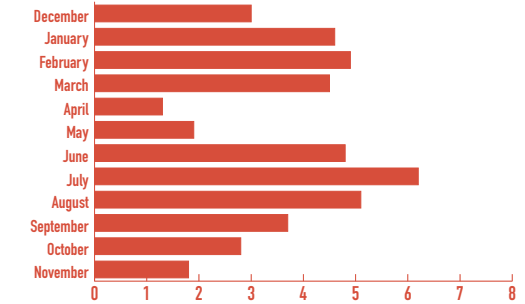


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INCIDENTS BY MONTH 2019/2020



10-YEAR AVERAGE BY MONTH



TCSAR RESCUE REPORT - 7

SEARCH AND RESCUE LOCATIONS – DECEMBER 1, 2019 – NOVEMBER 30, 2020



Map Courtesy of Skinny Skis

RESCUE Injured Hiker in Alaska Basin
DATE 7/15/2020
TIME 9:34 a.m.
DURATION 7 minutes
ATTENDEES 6 team members
PERSON HOURS 0.7

WHAT HAPPENED? The Board of Advisors was notified of a man who was unable to hike himself out of Alaska Basin after injuring his leg. GTRP handled the extraction with the interagency helicopter.

RESCUE Injured Hiker near Old Pass Road
DATE 7/15/2020
TIME 6:54 p.m.
DURATION 2 hours, 6 minutes
ATTENDEES 8 team members
PERSON HOURS 16.8

WHAT HAPPENED? TCSAR responded to a call for help from a woman who fell and injured her hip while hiking on a trail near the Old Pass Road. A team headed out in a RZR side-by-side, and dispatched a ground crew to assess the patient. They decided to transport the woman out of the backcountry via wheeled litter, and got her to the parking lot by 8:30 p.m. A friend took her home and the team returned to the hangar.

RESCUE Missing Person on Fall Creek
DATE 7/16/2020
TIME 8:55 a.m.
DURATION 1 hour, 35 minutes
ATTENDEES 6 team members
PERSON HOURS 9.5

WHAT HAPPENED? TCSAR was notified of a potential search mission after a vehicle was found flipped upside down and empty on Fall Creek Road. It was surmised that the owner had possibly decided to walk over Mungler Mountain to his home. The weather was warm and dry, and the Board of Advisors decided to wait before sending out a team. The subject was located safe at 10:30 p.m., and the team stood down.

RESCUE Exhausted Hiker on Devil's Staircase
DATE 7/18/2020
TIME 10:06 p.m.

DURATION 44 minutes
ATTENDEES 14 team members
PERSON HOURS 10.3

WHAT HAPPENED? A 23-year-old male tried to hike from the Wyoming side of the Tetons to Idaho. With two to three miles left, he was experiencing extreme fatigue, nausea and vomiting, and decided he couldn't continue. After a companion hiked out to make an emergency phone call, the hiker was able to proceed on his own, and TCSAR stood down.

RESCUE Paraglider Crash on Snow King
DATE 7/20/2020
TIME 8:48 a.m.
DURATION 1 hour, 8 minutes
ATTENDEES 5 team members
PERSON HOURS 5.7

WHAT HAPPENED? The Board of Advisors was notified of a possible paraglider who had been witnessed by a third party crashing into a tree on Snow King. Snow King employees and a sheriff deputy went to investigate but didn't find anything.

RESCUE Overdue Hikers in Coal Creek
DATE 7/22/2020
TIME 5:21 p.m.
DURATION 19 minutes
ATTENDEES 5 team members
PERSON HOURS 1.6

WHAT HAPPENED? Four boys ages 17 to 23 were reported overdue after going on a hike up Coal Creek. The caller was very upset and concerned about their wellbeing. Given the warm weather, sufficient daylight and that they were only 45 minutes late, TCSAR waited to deploy a team. Two sheriff deputies were en route to the trailhead to meet the caller to get more information. The hikers soon turned up and the mission stood down.

RESCUE Injured Hiker on Table Mountain
DATE 7/25/2020
TIME 1:24 p.m.
DURATION 36 minutes
ATTENDEES 13 team members
PERSON HOURS 7.9

WHAT HAPPENED? The Board of Advisors received a call regarding an injured female hiker on Table Mountain. As the team assembled, the hiker and her party were able to walk down 1,000 feet and reported the patient was feeling better. The team stood down.

> AUGUST

RESCUE Ill Hiker at Soda Fork
DATE 8/2/2020
TIME 1:40 p.m.
DURATION 3 hours, 20 minutes
ATTENDEES 6 team members
PERSON HOURS 20

WHAT HAPPENED? The Board of Advisors received a page about an older man in the Soda Fork area experiencing multiple symptoms similar to altitude sickness. Due to Covid-19 precautions and the distance in the backcountry, TCSAR requested that GTRP or USFS use the interagency helicopter to respond, with Jenny Lake Rangers accepting the mission. The patient was picked up by the ship and flown to an ambulance.

RESCUE Injured Mountain Biker on Ferrins Trail
DATE 8/4/2020
TIME 5:58 p.m.
DURATION 1 hour, 57 minutes
ATTENDEES 20 team members
PERSON HOURS 39

WHAT HAPPENED? TCSAR received a call regarding an injured mountain biker between the Ferrins trail and Snow King. The patient was riding his bike when he hit a rock and took a hard fall. He reported to dispatch that he believed he hit his head and was rather confident he broke his collarbone. A team immediately responded with the RZR side-by-side up the Snow King access road. Other ground teams approached via the Hagen and Ferrins trails on bikes and foot.

The RZR team arrived at the top of Snow King approximately 20 minutes after the page. Just before 7 p.m., the patient was packaged and loaded into the back of the UTV and transported down Snow King to his waiting family at the base of the mountain.



RESCUE Injured Hiker on Table Mountain
DATE 8/8/2020
TIME 4:06 p.m.
DURATION 3 hours, 24 minutes
ATTENDEES 6 team members
PERSON HOURS 20.4



WHAT HAPPENED? The Board of Advisors received a page about a woman with a possible broken ankle about 3.5 miles up the Table Mountain trail in Teton Canyon. With a suitable LZ nearby, the BOA requested an interagency heli- evac through GTNP, which accepted the mission. Due to the crowded scene of campers at the base of the trailhead, the response team decided to fly the patient to the Lupine Meadows trailhead. Upon landing, the patient was transferred to an ambulance for further treatment.

RESCUE Hiker in Respiratory Distress at Turpin Meadows
DATE 8/16/2020
TIME 12:12 p.m.
DURATION 4 hours, 48 minutes
ATTENDEES 5 team members
PERSON HOURS 24

WHAT HAPPENED? The Board of Advisors received a call about a hiker in extreme respiratory distress in the Turpin Meadows area. The board decided to call in Life Flight, which accepted the mission and picked up the patient for transport to a hospital.

RESCUE ATV Accident on Shadow Mountain
DATE 8/23/2020
TIME 2:54 p.m.
DURATION 4 hours, 21 minutes
ATTENDEES 13 team members
PERSON HOURS 56.6

WHAT HAPPENED? TCSAR responded to a call about a man who had been injured in an ATV accident on Shadow Mountain. The man was driving his ATV on a guided trip when he hit a terrain feature, causing the machine to flip and land on top of him. Two people nearby helped lift the ATV off him, and TCSAR went into a hasty response. The first team approached via a RZR side-by-side and made contact after about 90 minutes. They assessed the man's injuries, packaged him up, and transported him to an ambulance at the bottom of the mountain.

RESCUE Fall from Horse at Willow Creek
DATE 8/24/2020
TIME 1:26 p.m.
DURATION 3 hours, 34 minutes
ATTENDEES 11 team members
PERSON HOURS 39.2

WHAT HAPPENED? The Board of Advisors received a page to help a man who'd fallen off his horse on a guided trip in the Willow Creek area. Two teams responded, one with a RZR side-by-side and another ground team. The man, who reported feeling significant pain in one of his arms, was able to walk across steep terrain to get to the RZR, which then transported him off the mountain.

RESCUE Fall from Horse at Pacific Creek
DATE 8/25/2020
TIME 4:41 p.m.
DURATION 3 hours, 19 minutes
ATTENDEES 24 team members
PERSON HOURS 79.6

WHAT HAPPENED? A man on a guided trip in the Pacific Creek area fell from his horse and injured his back. TCSAR responded with four teams utilizing the SAR truck, RZR side-by-side, and two ground units with the wheeled litter. After locating the patient, the team packaged him up and placed him in the

wheeled litter. As severe weather approached, the volunteers wheeled the man about three quarters of a mile, including a shallow river crossing, to a waiting ambulance.

RESCUE Fall from Horse at Pacific Creek
DATE 8/30/2020
TIME 12:23 p.m.
DURATION 5 hours, 37 minutes
ATTENDEES 14 team members
PERSON HOURS 78.6

WHAT HAPPENED? TCSAR volunteers responded to help a woman who'd fallen from her horse in the Pacific Creek area, very near to the site of a similar accident on August 25. The volunteers responded with two ground teams and the wheeled litter, as the woman was unable to ride or walk on her own. The teams reached the patient just before 2 p.m. They assessed her condition, packaged her up and placed her in the wheeled litter for transport to a waiting ambulance.

» SEPTEMBER

RESCUE Injured Mountain Biker at Phillips Canyon
DATE 9/5/2020
TIME 8:31 p.m.
DURATION 3 hours, 44 minutes
ATTENDEES 13 team members
PERSON HOURS 48.5

WHAT HAPPENED? The Board of Advisors was alerted to an injured mountain biker who'd crashed into a creek on the Phillips Canyon trail. The female patient was experiencing severe pain, unable to walk, and possibly hypothermic. One TCSAR member was dispatched immediately and began running up the trail in the dark. Meanwhile, two strike teams set out from the TCSAR hangar utilizing e- mountain bikes, medical gear, transport gear, and the wheeled litter. At 9:50 p.m., the first TCSAR team member made contact with the injured cyclist and immediately began trying to warm her up with dry clothes, heat packs and a sleeping bag. The other two teams arrived shortly after and began packaging the patient for transport in the wheeled litter. Using headlamps, the team then wheeled the patient for about two miles down the trail to a waiting ambulance. Everyone headed home at 12:15 a.m.

RESCUE Stranded Campers on Static Peak
DATE 9/7/2020
TIME 11:23 p.m.
DURATION 20 hours, 25 minutes
ATTENDEES 8 team members
PERSON HOURS 163.3



WHAT HAPPENED? The Board of Advisors was alerted to a group of seven backpackers who'd been pinned down in the Static Peak area by the season's first winter storm. The group was huddled in one tent, with the caller saying they wouldn't be able to survive the night. The board discussed the situation with GTNP, which was already busy coordinating other rescues in the park. With the call originating from outside the park, it would be a TCSAR matter. Given the late hour, severe weather and distance from the trailhead, the BOA told the caller that resources would not be sent and that they'd have to make it through the night on their own. At 6 a.m., the BOA reconvened and determined that the backpackers would be hiking out via GTNP and that no rescue was necessary. One TCSAR team member stayed in contact with the party as they hiked out to monitor their progress.



RESCUE Double Horse Accident at Flat Creek Ranch
DATE 9/12/2020
TIME 2:32 p.m.
DURATION 4 hours, 13 minutes
ATTENDEES 19 team members
PERSON HOURS 80.1

WHAT HAPPENED? After a morning of extensive physical training for Old Bill's Fun Run, TCSAR volunteers got a call-out to assist two women who'd fallen off their horses at the end of Flat Creek Road. One patient had a suspected broken clavicle, the other a presumed lower leg fracture. TCSAR responded with two RZR side-by-sides. It took just under an hour for the first team to arrive on the scene. The medical team treated the patients and packaged them for transport in the UTV's down the road to a waiting ambulance.

RESCUE Welfare Check on East Gros Ventre Butte
DATE 9/14/2020
TIME 7:24 p.m.
DURATION 1 hour, 4 minutes
ATTENDEES 2 team members
PERSON HOURS 2.1

WHAT HAPPENED? TCSAR was contacted by the Sheriff's Office to assist on a welfare check for a man on East Gros Ventre Butte. Two team members responded with an aerial drone. They were not able to locate the subject and they stood down.

RESCUE Fall from Horse at Cub Creek
DATE 9/22/2020
TIME 11:55 a.m.
DURATION 4 hours, 5 minutes
ATTENDEES 17 team members
PERSON HOURS 69.4

WHAT HAPPENED? The Board of Advisors received a page that a man in his 60's had fallen from his horse in the Cub Creek area of the Buffalo Fork. His injuries included suspected broken ribs and possibly a punctured lung. Based on the medical report and location, the BOA requested an interagency helicopter response from the USFS or GTNP. As the flight coordination took place, TCSAR assembled a ground team as backup. When the helicopter mission was complete and the patient transferred to an ambulance, TCSAR stood down.

RESCUE Lost Hunter on Togwotee
DATE 9/27/2020
TIME 12:07 p.m.
DURATION 5 hours, 53 minutes
ATTENDEES 10 team members
PERSON HOURS 58.8

WHAT HAPPENED? The Board of Advisors received a page to assist a lost hunter in the Togwotee area. The hunter had cell reception but got turned around and couldn't find her way back through the rugged terrain. A team of four TCSAR members responded in the RZR side-by-side. They carried bear spray, Covid-19 protection, and 24-hour packs in case they had to spend the night outdoors. After driving the RZR as far as they could, they hiked in about a mile to the hunter. After assessing her condition, the team walked with her back to safety and they returned to the hangar.

RESCUE Fall from Horse on Fall Creek
DATE 9/28/2020
TIME 5:11 p.m.
DURATION 4 hours, 57 minutes
ATTENDEES 20 team members
PERSON HOURS 99

WHAT HAPPENED? The BOA was alerted to an injured woman who'd fallen off her horse in the south Fall Creek Road area. Her companion had to ride out to the road to flag down a passerby, who was then able to contact her family to put in a distress call. TCSAR volunteers responded with the RZR side-by-side and the wheeled litter. After reaching the patient, they packaged her in the wheeled litter and transported her about two miles down the trail to a waiting ambulance.

RESCUE Missing Hiker near Pacific Creek
DATE 9/29/2020
TIME 10:36 a.m.
DURATION 14 minutes
ATTENDEES 8 team members
PERSON HOURS 1.9

WHAT HAPPENED? A day hiker was dropped off at Pacific Creek Campground on Monday, September 28, intending to hike to Sheffield Campground in the John D. Rockefeller Jr. Memorial Parkway to meet up with another group. The man



on foot from the Lost Creek Ranch trailhead. The RZR team soon reached the patient to begin assessing her condition. Given the seriousness of her injuries and distance from the road, TCSAR decided the best option would be to evacuate the patient with a helicopter.

With the interagency helicopter being used by the Forest Service to fight a fire in Lincoln County, the team called Air Idaho. That air team accepted the mission and arrived on scene at 4:35 p.m. TCSAR volunteers used the wheeled litter to transport the patient about a half mile to the LZ, where she was loaded into the helicopter and lifted to further medical treatment.

RESCUE Broken Leg at Sheffield Creek
DATE 9/30/2020
TIME 2:36 p.m.
DURATION 4 hours, 54 minutes
ATTENDEES 13 team members
PERSON HOURS 63.7

WHAT HAPPENED? A 60-year-old female on a hunting trip in the Sheffield Creek area sustained a broken leg after getting kicked by a horse. TCSAR responded by driving to the trailhead near Flagg Ranch and hiking in with the wheeled litter. After assessing and packaging the patient, the volunteers put her in the wheeled litter and transported her about a mile down the trail to a waiting ambulance.

» OCTOBER

RESCUE Overdue Hiker on Table Mountain
DATE 10/4/2020
TIME 6:05 p.m.
DURATION 27 minutes
ATTENDEES 8 team members
PERSON HOURS 3.6

WHAT HAPPENED? A hiker on Table Mountain was reported to be about two hours late to his scheduled arrival time at the trailhead. His last contact said the hiker had been lightheaded and vomiting. As the Board of Advisors decided what to do, the hiker was reached via cell phone and determined to be safe at his car.

started hiking around 12:30 p.m. with basic equipment and no overnight gear. When he didn't show, his party called emergency dispatch. As the Board of Advisors was determining how to respond, the man was located.

RESCUE ATV Crash on Shadow Mountain
DATE 9/29/2020
TIME 1:07 p.m.
DURATION 6 hours, 21 minutes
ATTENDEES 17 team members
PERSON HOURS 108

WHAT HAPPENED? The Board of Advisors received a call to help a woman who'd crashed her ATV during a guided trip on Shadow Mountain. Two teams responded with the RZR side-by-side, SAR truck, wheeled litter, and medical gear. The RZR team headed up the dirt road while a ground team approached

RESCUE Stranded Boaters on the Snake River
DATE 10/18/2020
TIME 4:40 p.m.
DURATION 38 minutes
ATTENDEES 17 team members
PERSON HOURS 10.8

WHAT HAPPENED? The Board of Advisors was paged to initiate a swift water rescue for a group of boaters stuck in the river near Astoria Hot Springs. The people were OK but had lost an oar. As the team assembled, a sheriff deputy called to say the boaters had been spotted safely on shore and that no response was required.

RESCUE Possible Assist for Overdue Hunters
DATE 10/22/2020
TIME 6:14 p.m.
DURATION 0 minutes
ATTENDEES 8 team members
PERSON HOURS 0

WHAT HAPPENED? The Board of Advisors received a call from Bonneville Search & Rescue in southeast Idaho about two hunters who'd been reported overdue and had possibly crossed over into Teton County, Wyoming. The hunters had reportedly shot an elk and rolled a horse off a steep ridge, but that they were OK, as per communication with their families. The hunters were located and no TCSAR response was required.

RESCUE Overdue Hikers on Phillips Ridge
DATE 10/23/2020
TIME 5:49 p.m.
DURATION 41 minutes
ATTENDEES 9 team members
PERSON HOURS 6.2

WHAT HAPPENED? Two hikers had become separated from each other in the Ski Lake area of Phillips Canyon. One hiker had returned to their vehicle at the trailhead, and after an hour of waiting became concerned about falling darkness. The team was paged to gather e-mountain bikes and headlamps for a response. By that time, the hiker had returned to the vehicle and the team stood down.

WHEELS, LITTERS AND BOOTS ON THE GROUND

Whether used alone or in tandem, the RZR and wheeled litter make for a reliable one-two TCSAR punch

Since June 1, 2020, Teton County Search and Rescue has fielded 45 calls for help, resulting in 25 active responses. More than half of those were handled by a RZR side-by-side and the wheeled litter, with some rescues using both tools together in tandem. This type of response is reflected by the increased number of call-outs for horse and bike accidents over the past six months.

The wheeled litter has been a mainstay of TCSAR's response plan since the mid-1990s. That first litter was designed by Jenny Lake climbing rangers; it was big and bulky and weighed about 40 pounds. The team's current design came onboard about five years ago. Called the Terra Tamer, it weighs just over 15 pounds and includes a titanium frame and fork system, disc brakes, and a 4.25-inch fatty bike tire. The system can be transported as a single unit, in different pieces, or stowed in the back of the RZR.

TCSAR acquired its first RZR (a UTV from the brand Polaris) in the summer of 2019. Though they are built for handling rough dirt roads and trails, TCSAR can drive the RZR directly from the hangar on Hwy 22 to an accident site in close proximity to Jackson.

The RZR works so well that medical providers are able to administer critical care during transport across bumpy terrain.

The team has since added a second RZR and retrofitted both vehicles for SAR-specific missions.

Modifications have been made to allow the litter (after the wheel is removed) to be loaded directly inside the RZR. It works so well that medical providers are able to administer critical care during transport across bumpy terrain. Previously, the team loaded patients into trucks, but the suspension on the RZR is vastly superior while allowing a patient to be secured in the litter. Together, the wheeled litter and RZR make

for a reliable pair of tools during rescues, and helps further the top priority: responding with the utmost professionalism and patient care in the back-country.

This summer, TCSAR volunteer Lizzie Watson, a paramedic with Jackson Hole Fire/EMS, administered medical care to a patient with a lower leg fracture while positioned securely in the litter inside the RZR. They were deep in the back-country, but the machine made the response much smoother and faster, she said. Response times would have been two to three times slower in a truck.

"It's better than a truck," Watson says. "But we're still learning how to use it. Like anything, we have to train and learn how to do it better."

This winter, the team is outfitting one of its RZR's with a windscreen, heater and snow tracks for use on snowy roads and trails. The wheeled litter, meanwhile, will be stashed in the hangar until the trails dry out for summer.



LATEST RECCO TECHNOLOGY BOOSTS YEAR-ROUND SAR EFFORTS

TCSAR is just one of four organizations in the U.S. to operate the heli-based search system

Teton County Search and Rescue recently got a boost in its search technology by obtaining the RECCO SAR Helicopter Detector. TCSAR is now one of only four organizations in the U.S. to be equipped with the new technology, which allows a helicopter to swiftly search a large area for a RECCO reflector on someone's person or even pick up incidental electronics.

Many backcountry users are familiar with RECCO, a Swedish company founded in 1983 that makes small passive reflectors that are found by a hand-held or helicopter RECCO detector. Over the years, more than 120 outdoor brands—such as Arc'teryx, Patagonia, Salomon, and Atomic—have integrated these small reflectors into their products. Many are now including the tabs in their summer and fall products to allow for year-round searchability.

It's important to note that the reflectors do not take the place of an operating avalanche beacon. The reflectors are

passive, so there is no reciprocal search function or other use by the owner. It simply allows someone to be found with a corresponding RECCO detector. Most commonly, ski patrols across the world use hand-held detectors to conduct searches.

Where TCSAR gets a lift with the SAR Helicopter Detector is in how much ground it can cover in a short amount of time during a search. The detector, an aerodynamic drum, weighs 174 pounds and hangs 10 meters (about 33 feet) below the helicopter. Flying at 60 mph, this allows the detector to search 30 football fields per minute.

“One of the ideal applications would be during an inbounds avalanche with multiple burials where it's assumed that not everyone is wearing an avalanche beacon,” says TCSAR Chief Advisor Cody Lockhart. Because the drum can pick up incidental electronics, it can also be used to search large wilderness areas.

“It operates like a grid pattern, essentially searching an entire football field at a time, till we get that signal hit,” says TCSAR pilot Steve Wilson. “Then you do a fine grid search. It's extremely accurate.”

The SAR Helicopter Detector is one of three helicopter-mounted search mechanisms used by TCSAR. The team also uses a heli beacon, which can pick up avalanche transceivers and is often used to search debris piles after a slide in the backcountry, and there's Lifeseeker, an aerial cellular transmitter that can locate mobile phone signals even when there's no cell service.

The particulars of the incident on the ground will determine which tool the team uses. But it helps the team and community to have so many search options available. Thanks to RECCO for supplying the system and for the partnership.



TCSAR Foundation raises money to support SAR volunteers with equipment, personal support and advanced training. For a detailed list of these items, visit www.TetonCountySAR.org/wishlist.

2020/2021 WISH LIST

INDIVIDUAL INVESTMENTS

Swiftwater Gear \$2,500

Accessing the river quickly is essential to saving lives. With the purchase of additional swiftwater equipment our team will be able to train and rescue more efficiently.

Lifeseeker Training \$3,000

Lifeseeker is a state of the art technology that helps our team locate missing people in the wilderness. It requires helicopter training time for volunteers to be successful in using it.

Electric Mountain Bikes \$6,000

We continue to depend on individuals to supply their own mountain bikes for most rescues. Adding e-mountain bikes to our quiver allows a small team of first responders to swiftly get up the trail with lifesaving gear.

Partnership Training \$10,000

Working with partners throughout the valley is important to creating a team that is safe, efficient and ready to rescue. Partners include Jackson Hole Mountain Resort, Togwotee Mountain Lodge, Snow King, Grand Teton National Park, Grand Targhee, and others.

Short-haul Program \$25,000

Short-haul operations require precision and time, something our unique set of volunteers must work on often. Sponsoring this program guarantees flight time for their training.

www.tetoncountysar.org

Personal Safety Gear \$50,000

Keeping volunteers safe is our number one priority (physically and mentally) so funding the actual clothes, gear and equipment our volunteers use is key to their success.

Volunteer Wellness \$50,000

We are dedicated to keeping our volunteers physically ready and mentally sound. This fund helps pay for SAR meals, wellness reimbursements, trauma therapy, volunteer spouse support, and more.

Volunteer Readiness Remodel \$60,000

In the past eight years, our volunteers have transitioned from responding out of their personal vehicles to basing operations out of the TCSAR hangar. This fund will help remodel a portion of our building to allow for more personal safety equipment to be stored for our team to aid them during call-outs.

BUSINESS INVESTMENTS

Backcountry Zero Business Sponsor \$250 - \$5,000

Take your business employees and customers to the next level with a Backcountry Zero business sponsorship. Many opportunities are available to help make a positive influence on backcountry culture and safety in Jackson Hole.

If you are interested in funding one of our “Wish List” items for 2020/2021, please contact us.

www.TetonCountySAR.org/Donate — info@tetoncountysar.org — (307) 413-0604

Volunteer Meal Sponsor \$500 or in-kind donations

Do you love supporting volunteers at the ground level? Donating meals to our volunteers is a great opportunity to say thanks to the volunteers on the most personal of levels.

What's In Your Pack Sponsor \$500 per class

WIYP classes teach seasonally relevant topics, including Bear Awareness, First Aid, Hypothermia Aid, Avalanche Beacon Practice, and more. This sponsorship aligns your business with a popular, intimate learning experience.

Podcast Sponsors \$2,500 - \$10,000 levels

Sponsorship deck available. With over 5,000 listeners per episode, The Fine Line podcast is produced monthly and includes stories of rescues, preparedness, and lessons learned from all over the Tetons. Sponsorships can be tailored to your needs and budget, and is one of the most effective ways to reach your customers in an engaging way.

Virtual Education \$10,000

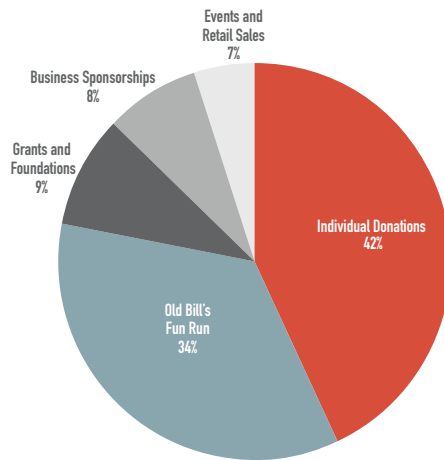
We are working to transition essential awareness curriculum onto an online learning platform. Sponsoring this program would support the online learning management system and associated curriculum development.

Our volunteers respond to calls 24/7/365.

THANK YOU TO THESE LOCAL EMPLOYERS FOR THEIR FLEXIBILITY AND SUPPORT OF OUR VOLUNTEERS!

- | | |
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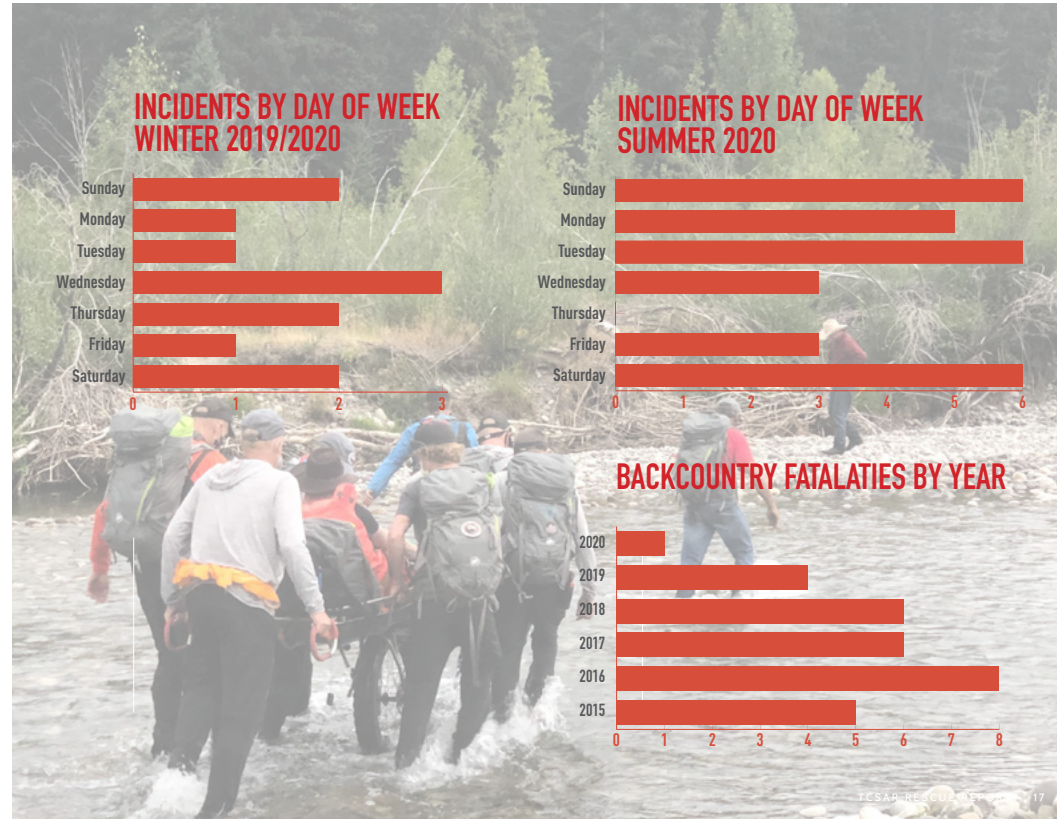
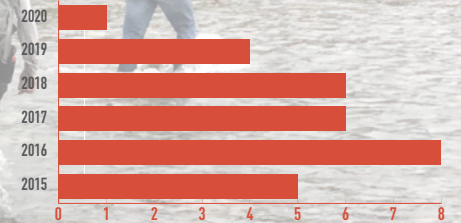
INCIDENTS BY DAY OF WEEK WINTER 2019/2020



INCIDENTS BY DAY OF WEEK SUMMER 2020



BACKCOUNTRY FATALITIES BY YEAR



SHRIVER SOCIETY

The Shriver Society is a group of dedicated supporters of Teton County Search and Rescue who make a long term, significant contribution to the volunteer team.

RAY SHRIVER served on the Teton County Search and Rescue team from its inception in 1993 until his death in 2012. Ray died on February 15, 2012, in a helicopter crash while on a search and rescue mission. The Shriver Society was created in his honor. Your three-year gift augments training, equipment and other ancillary support, directly impacting our mission.

For more information please visit tetoncountysar.org/shriversociety or call us at (307) 413-0604.



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