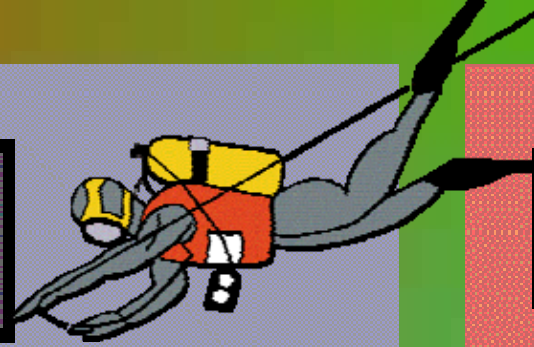




PSDiver Monthly

Volume Number 5



Issue Number 58

ISSUE 58

January 2009

**And now,
A Word from our
sponsors...**





Greetings,

At the 2003 DEMA, I pitched an idea for an Internet newsletter / magazine to a variety of vendors and exhibitors. Most of them I knew either personally or by reputation and knew they had a presence in the Public Safety Diving field. The idea was simple; I would generate a subscriber list, develop a monthly magazine devoted to water rescue and recovery and give it away for free. All they had to do was agree to help fund the project through advertising.

The response to the idea was beyond my expectations and almost every vendor I talked to signed up. It helped that the advertising cost I was quoting was ridiculously low. A little over a month later, Issue #1 of PSDiver Monthly went out to 235 or so subscribers. Within a few months, there were over 1,000 subscribers and the numbers were growing.

This month, our subscriber base exceeds 13,000 and is still growing. The magazine has changed over the years but the purpose has not. It is still free and the advertising cost is still ridiculously cheap. But the success of the magazine falls to those who helped get it started.

PSDiver Monthly is not a typical magazine and our advertisers are not typical either. Quite a while back I began referring to them as Sponsors because the reality is that they offer us the ability to publish PSDiver Monthly and offer it and the rest of what we do at no cost to you or your teams. Without them, we could not continue. As a subscriber to PSDiver Monthly, they are *your* Sponsor as well.

The economy is shot. Businesses are failing and friends and family are losing their jobs. Municipality budgets are stretched thin and money is tight. We see our sponsors tighten their belts and prepare for worsening times ahead. But for the most part, we see them working to preserve their support of PSDiver Monthly and your teams.

This month we have taken the opportunity to thank them for their continued support. I encourage you to click on their graphics and visit their web sites. If you contact them, mention that you saw them in the magazine.

Mark Phillips
Editor / Publisher

Take a look at the updates on www.PSDiver.com

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NEWS

Pendleton man falls in icy pond

http://www.theheraldbulletin.com/local/local_story_354231634.html

December 19, 2008 By Aleasha Sandley, Herald Bulletin Staff Writer

A Pendleton man was struggling for his life Friday after firefighters rescued him from a frozen pond. Randy Dillon was pulled out of the pond behind his house in the 1300 block of South Pendleton Avenue after he had fallen through the ice. Fire Chief Danny Gardner and Pendleton Police Chief Mark Farrer went into the water in an attempt to rescue Dillon while he still was conscious and bobbing on the surface.



Pendleton rescue workers put up a boat after making a rescue of a man in a pond at 1349 Pendleton Ave. Friday. Richard Sitler / The Herald Bulletin

http://images.cnhi.zope.net/images_sizedimage_355002605/lq

After Dillon, who police say is between 48 and 50 years old, went under water and didn't come back up, Cory Hall and Cory Moore of the Pendleton Fire Department pulled him out of the water. Medics were giving Dillon CPR in an attempt to revive him Friday before he was taken to the hospital. Scanner traffic indicated that Dillon was

transported to Saint John's Hospital and that a medical helicopter also had gone to Saint John's. Hospital spokeswoman Gay Powers said the hospital was working with an unidentified patient who had fallen in an icy pond.

Dillon's condition wasn't available at press time.

Gardner said Dillon had spikes on his shoes, an ice auger and a yellow rope when he fell through the ice, but it wasn't clear what he was doing on the pond. A neighbor who saw Dillon break through the ice called 911. Moore said the pond was about 10 feet deep where Dillon was rescued. Gardner said Friday was the first ice rescue his department had seen in years.

Anderson Fire Department's dive team and the Indiana State Police were on standby in the incident.

What's good for the goose ... is a rescue from the ice

http://www.boston.com/news/local/breaking_news/2008/12/whats_good_for.html
December 23, 2008 By Globe Staff

Calls from concerned workers at an office park brought West Bridgewater firefighters to a nearly frozen pond today, where an injured goose was frozen in the ice.

When approached by Firefighter David Niklason wearing a cold water rescue suit, the bird scrambled away, eventually heading for the nearby woods.

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Fire Chief Leonard Hunt said the department attempted the rescue to keep well-meaning good Samaritans off the ice. "We look at it from the point of view of, if we don't go do it, then somebody, a civilian, will try to do it. And we'll end up with a civilian rescue," said Hunt. "We tell people all the time if you see something like that, call us."



(George Rizer/Globe Staff)

Niklason inched forward on the ice rescue sled, then raised his arms to scare off the bird.

Hunt said it's also good practice for ice rescue techniques. "It gives the guys a chance to do it after going the whole summer without having to do that kind of thing." Hunt said the goose had a broken wing that had become stuck in the ice.

Deer rescue caught on tape

<http://www.ksl.com/?nid=148&sid=5186648>

December 29th, 2008 By Nicole Gonzales

A man risked his life to save four deer. Rockport Reservoir starting icing over last Friday. Yesterday, two

deer fell into the ice and didn't make it. Today, four out of six were saved. Wildlife officials determined it was too dangerous to go after the remaining two.

Joe Donnell and his family thought they were going skiing today, but when work called they made a change of plans. And it was all caught on camera by Donnell's daughters.



Donnell with Utah State Parks and Recreation is trained for ice rescue, but this was his first real try. So he got in his waterproof ice suit, strapped into a 500 foot rope and walked out onto the lake. He said, "I'd grab it by its hind legs and yell pull, and those guys pulled me to shore with the deer. They were kicking at me. They were trying to ... They didn't like me being out there. They were screaming and yelling and kicking."

One by one, the group of nearly 10 pulled the deer onto shore. Two of the six deer had to be left in the middle of the lake. Donnell said, "The ice conditions are changing so bad right now. It's above freezing. The last trip I did, I probably could've fallen through at any time."



The Division of Wildlife Resources hopes the remaining deer will walk off the ice themselves tonight, but they're

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not counting on it. Bruce Johnson with the DWR said, "They try to walk out across. They eventually lose their traction and can't stand up anymore. Their legs go out from under them. They're left trying to gather their feet up from under them and the ice is too slick. They can't."

Still, everyone involved considered it a success. And Donnell's daughters certainly have a great story to tell to their friends. Rachelle Donnell said, "It's pretty cool because not many people get to do that every day, so we're pretty lucky."



If the deer are still on the lake tomorrow, the DWR and the Summit County Sheriff's Office will reconsider another rescue effort if it's safe enough. *E-mail: ngonzales@ksl.com*

A good fireman saves Charlie Brown the dog

<http://www.rockymountainnews.com/news/2008/dec/30/a-good-fireman-saves-charlie-brown-the-dog/>

December 30, 2008 By **Tillie Fong**, Rocky Mountain News **(Contact)**

For a Westminster firefighter, the early morning rescue of a poodle trapped in a melting pond was an opportunity to break the ice, so to speak, on ice rescues.

Westminster firefighter Ronnie Taylor's first ice rescue happened Monday as he pulled a standard poodle named Charlie Brown to safety from a pond after the dog had run out onto the ice to chase geese. "It was my responsibility to put on the equipment and go out and get the dog," Taylor said of the 3-year-old chocolate poodle. "The firemen were just wonderful," said Karen Diaz, 58, of Westminster, Charlie Brown's owner. "There was no way that I could rescue my dog. I'm so happy that they were willing to do it - they train for rescues like that."

At 7:45 a.m. Monday, Diaz, a special-education teacher with the Adams County School District 50, had left her house to go on her daily two-mile run with Charlie Brown near the Hyland Hills golf course.

Diaz was approaching a small hill near the eighth hole and was holding the leash loosely in her hand when Charlie Brown unexpectedly took off. "I proceeded down the hill and I thought he would come back and follow me," she said. "I called him a couple of times, but he didn't appear, so I went running back up the hill."

She looked for Charlie Brown, and was surprised to see where he was. "There was Charlie in the middle of the pond, and there were geese squawking at him all around him," she said. "I don't know if he slid in the water, but the middle wasn't frozen, and the geese were walking all around him."

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Diaz's first thought was: "What in the world am I going to do? I knew if I went away, he would be even more frantic," she said. But she remembered that she had run by a neighbor, Dave Wood, on the trail earlier, and he soon caught up with her. He went back to his house, which was nearby, and called 911.



Photo by Linda McConnell

Karen Diaz and her poodle, Charlie Brown, visit the Westminster Fire Department on Monday after firefighter Ronnie Taylor saved the pooch from an icy pond on the Hyland Hills Golf Course

When Ladder 2 truck responded, Taylor saw that Charlie Brown was mostly submerged in the water, with only his head and front paws clinging to the ice. "Animal control was already there, but the dog was too far out for them to get him out of the pond," Taylor said. "He had been in the water for about 20 minutes."

After putting on a Mustang suit, which insulates a person from the cold water, Taylor went out on the ice, with a rope attached to him. "I walked out as far as I could go,

got low and made it to the dog," he said. When he reached Charlie Brown, the dog was calm as the firefighter grabbed him by the scruff of his neck. "He seem to understand that I was there to help him," recalled Taylor, who held the dog as other firefighters pulled him back to shore.

Lt. David Varney said Charlie Brown may have been suffering from hypothermia when he was brought up. "When he got up on the ice, he couldn't stand," he said. "After we dragged him in, we threw a bunch of towels and blankets on him, we put him in the (fire) truck, and he warmed up."

Firefighters gave both Diaz and Charlie Brown a ride home. Varney had nothing but praise for Taylor's first ice rescue. "He did exceptionally well," he said. "It was textbook."

Diaz said once Charlie Brown was home, she used towels and a hair dryer to dry him off, and he seemed none the worse for wear. "Within a half hour or so of getting home, he went upstairs to eat," she said.

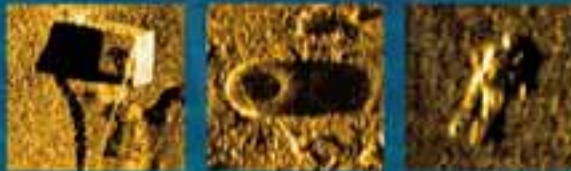
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Volunteers learn ice rescue County group benefits from State Parks training session

<http://www.postindependent.com/article/20090101/VALLEYNEWS/812319984/1083&ParentProfile=1074&title=Volunteers%20learn%20ice%20rescue>

12/18/2008 By **Pete Fowler**

GARFIELD COUNTY, Colorado — Tom Ice doesn't want anyone to fall through the ice.

But he could be one of the Garfield County Search and Rescue volunteers that might end up rescuing someone who does. Ice was one of the four search and rescue volunteers who attended a Colorado State Parks ice rescue training session Dec. 18.

There are around 50 total volunteers for county search and rescue. Many of them have received similar training before.

The training day included hours in the classroom followed by hands-on work at Harvey Gap. Rescuers practiced techniques to approach and rescue someone who's fallen through the ice into a body of water. "You've got to determine how you're going to get out there and get them," Ice said. "If they're in the water already, you know it's unstable, so what they taught us is techniques to get out to them without actually falling through."

The ideal situation would be to throw someone a rope and pull them out. Next best is to get close to the victim and

help them out. The last resort is to get in the water wearing an ice suit to stay warm and put a rescue ring on the victim to allow rescuers on shore to pull them out.

Ice said rescuers may roll or crawl out to a spot where someone has fallen through the ice. That way weight is distributed over a wider surface area and is less likely to cause additional cracking. Rescuers also may use a special "boat" that spreads out weight over a greater area.

The Dec. 18 training was the first time Ice, who works for a construction company, had ever put on an ice suit and jumped into the water.

Search and rescue volunteers took turns being the victim and rescuing the victim. Other members have gone through similar training before, Ice said, but

search and rescue plans to continue ice rescue training as part of its ongoing training programs each year. Ice has volunteered for county search and rescue for about five years.



ENLARGE

Garfield County Search and Rescue volunteers participated in an ice rescue training session at Harvey Gap on Thursday, Dec. 18. Shown from left are David Pruett, Tom Ice and Jerry Rusch.

Photo by Bill Hiort



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There haven't been any calls of anyone falling through the ice yet that Garfield County Search and Rescue has been called out to this winter, Ice said. He estimated it happens at least two or three times in Colorado each year. Two snowmobilers were just rescued early Monday morning after crashing through the ice on Grand Lake.

Ice said people should always keep track of their kids and avoid letting them play on possibly unstable ice. He recommends also avoiding going out on the ice alone, and keeping about 10 yards of distance from the nearest person. People are also encouraged to ask state parks personnel about the conditions before going out on ice.

Tragedy Leads to Lifesaving Tool

http://www.wcax.com/Global/story.asp?S=9593669&nav=menu183_5_2_4
December 30, 2008 [Darren Perron](#) - WCAX News

[Tragedy Leads to Lifesaving Tool](#)

St. Albans, Vermont - Jay Sweeny checks the water rescue equipment packed onto a truck at the St. Albans Town Fire Department. He heads up the water rescue team.

And now, the team has a new tool to help locate potential victims who have fallen through the ice. It's called the EnHanced Ice



Rescue Sonar. A sonar camera attached to a tripod straddles a hole cut in the ice. The camera is lowered into the water and can give a 360-degree view for



up to 400 feet or so. Other underwater cameras used in the past could only see a short distance. "I don't think we could see more than five or six feet," Sweeny said.

That made it difficult for rescue teams desperately searching for a missing ice fisherman last February. 80-year-old Jim Hance drove his truck onto Lapan's Bay on Lake



Champlain. A pressure crack opened up-- Hance and his vehicle disappeared-- trapped under the ice for more than three days until his body and the truck were discovered. "In that situation, this piece of equipment would have cut that time down considerably," Sweeny said.



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And from that tragedy comes this new tool.

The victim's son, Tom Hance, an engineer in California, designed the EnHanced Ice Rescue Sonar and raised money to build it through a website in his dad's honor. He gave the unit to the St. Albans Town Fire Department which says it will aid in future rescues and make recoveries faster and less risky for the water rescue team. "Members of the team spent three days on the ice in varying conditions and sometimes went through the ice," Sweeny said. "If we can prevent that with this equipment, it's worth its weight in gold."

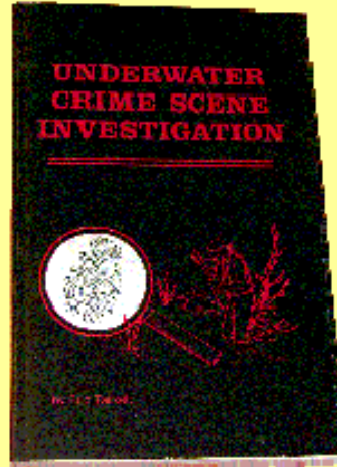
The EnHanced Ice Rescue Sonar is not limited to water rescues during the winter. The fire department outfitted its boat with the system to help with rescue during warmer weather months, too.

The fire department hopes they never have to use it; that another tragedy like this will be avoided. But if needed, the system could save lives on the lake no matter the season.

The EnHanced Ice Rescue Sonar cost about \$4,000 to build.

[Click here for more on the Jim Hance Lake Champlain Rescue Memorial Fund.](#)

**"Underwater Crime Scene Investigation"
By Eric Tackett**



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Police team dives for clues

http://www.timeswv.com/westvirginia/local_story_002004017.html

1/02/2009 By Kathryn Gregory The Charleston Gazette

CHARLESTON — Criminals who have used the Kanawha and Elk rivers as a 'safe' location to dump their weapons will need to find a different hiding place.

The Charleston Police Department has formed an evidence recovery dive team, which will enable detectives to search underwater to recover evidence. "There's a lot of water around here, and the team was definitely needed," said Cpl. Dana Rowsey. He and Cpl. Herb Doss were responsible for starting up and heading the dive team. "We have about 12 miles of the Kanawha River and about two miles of the Elk River in our jurisdiction along with boat ramps for recreational boating, commercial barges and vessels traveling on the river and several bridges."

Officers have received several tips that evidence was discarded in rivers, lakes and ponds. They haven't been able to search for this evidence, until now. "Dive teams from other jurisdictions have had to be called to make searches. Now we can be called on to perform these services," Rowsey said.

The advertisement features a background image of a helicopter in flight over the ocean, with a person in the water below. In the foreground, a piece of black SAR gear, including a buoy and harness, is suspended by a metal hook. The Zeagle logo is prominently displayed in the top left corner.

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The team, composed of five Charleston Police Department officers, was started in late October. So far, the divers have worked only a few cases, including one in Rand, but they are eager for more. "We are hoping to be instrumental all over the state. We are willing to go anywhere on a dive," Doss said.

Most of the public — and even some Charleston police officers — aren't aware of when the dive team is in the rivers looking for evidence, since the divers are usually out of sight.

Only Doss and Rowsey can go on the actual dives now, but the team's other members, Patrolmen Jamey Noland, Tyke Hunt and Jason Webb, are going to dive school in the spring to become fully certified.

All three were selected for the team in part because of their previous "water" experience, including being former lifeguards. "I'm already a certified diver. I have been around the water all my life," said Noland. "I felt being a part of this team would make me a large asset to the department."

Each dive requires three divers. The primary diver, or worker, searches for the evidence and the secondary diver, or safety, makes sure nothing happens to the primary.

The third diver remains on the surface and is called the topside. He records where evidence is found and communicates with the other divers using a "comm box"

throughout the dive. "Our team members are all qualified to perform these tasks, but for now, myself or Cpl. Rowsey have to go on the dives with them," Doss said. "We really have a good group of guys here. They are really responsible."

The divers have learned that patience is a virtue when it comes to underwater evidence recovery. Sometimes it can take a long time to find something, so the divers learn different sweeping techniques to use when they search for evidence. "We have certain patterns to go by in order to thoroughly search an area," Rowsey said. "We use the different sweeps depending on what the bottom is like, the visibility of the water and the size of the evidence."

One pattern is the "Jack Stay" sweep, where divers run a line along the bottom of the water surface with weights on either end of the rope. Divers will search along the rope, then move the weight on the end forward when they reach it. Then they search back along the rope and move the weight on that end, Rowsey said. "They move the weight back and forth so they are actually searching the area twice. It's very thorough," he said.

When evidence is found, the divers are taught how to measure the exact location. The secondary diver will run a tape measure from one end of the evidence to a stationary point near the water area. "We use supports of bridges, trees, anything that is stationary that we'll be able to use again," Doss said.

A diver in full gear, including a mask, regulator, and BCD, is shown on a boat. The diver is holding a large, black, cylindrical acoustic camera device. The background is a clear blue sky and a calm sea. The text "DIDSON:" is written in large, orange, outlined letters at the top right. Below it, the text "An Acoustic Camera that lets you see right through turbid water." is written in black. At the bottom, the text "View images on our website: www.soundmetrics.com" is written, with the website address in orange.

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The divers then tell the topside the distance between the evidence and the stationary object.

The underwater divers then repeat the process and measure the evidence from the other end to a different stationary object. "It gives us a triangle and then we can say 'OK, that evidence was found at exactly 13 feet 6 inches from this area,'" Doss said. "We have the men measure the evidence in the water the same way that they would in a regular crime scene. We treat the different crime scenes the same," Rowsey said.

The evidence is then put into a watertight container and brought back to the criminal investigation lab for minor forensics analysis. "When we are recovering evidence from the water, we have to keep the object in the water it was found in because oxygen can taint and alter evidence," Rowsey said. For major crime work, such as the recovery of DNA, the evidence is sent to State Police.

The Charleston Fire Department also has a dive team, but the two departments use their equipment differently. "The fire department has a good dive team, but they are primarily a recovery team, which means they are looking for people. We search for small pieces of evidence," Rowsey said.

Rowsey and Doss have both taken diver certification and training classes, and even worked as part of the team that has been excavating Queen Anne's Revenge, the notorious pirate Blackbeard's flagship that sank off the coast of North Carolina in 1718.

Rowsey was a deep-sea diver before he became a police officer. Doss had never made a dive before the North Carolina expedition.

They hope to bring their three patrolmen back next year to work on the ship. "We learned more in that week than all of our classes and training together," Rowsey said. We worked hard that week, taking part of the collection of artifacts."

While searching for evidence involved in crimes and hunting for pirate artifacts may seem like fun and games to most, the dive team members take their job very seriously. "People don't realize that this is work and it's a constant threat every time we go into the water. A SWAT team isn't in imminent danger until they are presented with their target. For us, we are in danger the second we hit the water," Doss said.

1 person dead after 2 rescued from submerged car

<http://www.gazetteonline.com/apps/pbcs.dll/article?AID=/20090103/NEWS/701039926/1006>

01/03/2009 By Alicia Ebaugh The Gazette

ATKINS - At least one person was found dead when authorities pulled an upside-down car from Morgan Creek beside Highway 30 near Atkins tonight.

The second occupant was in critical condition at University of Iowa Hospitals, KCRG-TV9 reported.



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Around 5:30 p.m., Benton County Sheriff's Deputy Dave Upah was driving east on Highway 30 when the driver of a car in front of him lost control, sending the car off the road into a ditch, where it landed upside down in Morgan Creek, according to KCRG.



**(Amanda LaRae Larkin/The Gazette)
Rescuers work to remove two people from a car, stuck in water for at least 15 minutes, off Highway 30 near the Atkins exit tonight.**

Upah told KCRG that he was at the accident scene only seconds after it happened but could not extricate the two occupants of the car because the car was in several feet of water.



Rescue personnel investigate a car that was upside down in Morgan Creek with its two occupants underwater for at least 15 minutes Saturday off Highway 30 near Atkins. One person was reported dead.

Some 30 law enforcement, fire and rescue workers, including an ice rescue team, converged on the area just before 6 p.m.

As a freezing mist began to make the roads and surrounding land slippery, a crowd of workers struggled for at least 20 minutes to help a tow truck winch the red car up the steep banks of the collection pond.

Men in yellow slicker suits waded into the water, which reached their chests. They had to break some of the car's windows to pull out the occupants.

Emergency personnel gave the first man CPR for several minutes inside an ambulance before he was taken to a hospital. The second person pulled out of the car was immediately covered in a white sheet. No more people were found inside.

Besides the Benton County Sheriff's Office, the Iowa State Patrol, Area Ambulance and the Atkins and Cedar Rapids fire departments were involved with the rescue, among other agencies.

Dog owner's dramatic ice rescue

http://www.manchestereveningnews.co.uk/news/s/1088451_dog_owners_dramatic_ice_rescue

01/05/2009 **Brian Lashley**

THESE dramatic pictures show how a desperate dog owner plunged into a frozen lake to save his pet. Walkers in Alkington Woods, Middleton, were astonished to see

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animal lover Marc Greenhalgh waded into the icy waters in subzero temperatures. He had been shouting at his black cocker spaniel, Jarvis, to come back to the shore after it ran on to the ice to chase ducks.



Jarvis became trapped in water which had not frozen over in the centre of the lake. After five minutes of frantic doggy paddling, Jarvis was struggling to keep his head above the surface and was not able to climb back on to the ice.

Smashing

Marc, 25, a bricklayer from Langley, quickly removed some of his clothes and stepped off the bank, smashing the ice as he went neck-deep into water.

Both emerged from the water shivering from the cold but the owner simply shook the water off his clothes and walked away.



Trapped in the center of the lake

Speaking to the M.E.N. today, Marc said he would do the same again if his pet was in peril. He said: "I didn't think twice about it. Jarvis was in trouble and he needed my help."

Marc had gone walking in the woods with wife Trisha, 24, brother Daniel, 23, and Daniel's girlfriend Olivia, 23, on New Year's Day. He said:

"We had just gone for a walk with Jarvis to clear our heads after a big night out on New Year's Eve. "As we got to the pond the stupid thing, who is actually a gun dog, saw the ducks in the middle and jumped straight in. I started shouting for him to come back but he was stuck. "An old woman started screaming 'he's going to drown'. I looked at my brother and said 'I'm going to have to go in aren't I?' and he said yes."



DRAMA: The man is neck-deep in water as he saves Jarvis

Marc took off some of his clothes and started to make his way across the lake. "The ice began to give way and the water was up to my neck," he said. "It was absolutely freezing, I couldn't tell you how cold it was. Eventually I managed to get across to him and we've come out to the side of the bank. "I think a crowd of about 20 had gathered. They were more bothered about the dog than me! A couple of them said well done and told me to get home and get warmed up."



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Marc has only had Jarvis, named after Pulp frontman Jarvis Cocker, for three months. He said: "My brothers have dogs and I've always wanted one so we picked him up from the dog's home. He's a nice dog who loves to be around people but he does get over-excited."

Julie Brown, 46, a university lecturer, captured the dramatic rescue on camera on New Year's Day and described the man as 'cool as a cucumber'. She was walking her three dogs with daughter when the spaniel darted in front of them.

Ms Brown, from Middleton, said: "He went into the water as an absolute last resort. The dog was struggling before it began losing energy and started going under the surface.

Traumatic

"It was very traumatic and people were screaming. My daughter was petrified. "I don't know who he is but I'd like to congratulate him for being so brave."

A spokesman for Greater Manchester Fire and Rescue Service said: "We advise people not to let their dog or pets run on ice in cold weather. "The ice usually cannot support the weight of the animal and if the owner follows it they can end up in very dangerous circumstances."

Temperatures are set to plummet as low as minus six Celsius tonight in some parts of Greater Manchester. Daytime temperatures will struggle to climb above 2C for the rest of the week but will become milder after the

weekend. Back at home Marc said he had no hesitation in taking the plunge but added his heroics had not gone down too well with his mum.

He said: "She was less than impressed when she found out and said 'you don't risk your life for a daft dog', but she doesn't like them anyway."



Man and dog make it back to shore

As for future trips out with Jarvis, Marc is hoping to avoid a repeat performance. He said: "I'm not going to let him off his lead again and we're not going for a walk near any ponds."

After appearing in the paper Marc said he was inundated with calls and texts from friends. "I went on the M.E.N. website and saw it," he said. "Then I went out and bought some papers. Everyone has been ringing me – it's mad."

Underwater ATM hunt yields one machine, no cash

<http://www.msnbc.msn.com/id/28566321/>

Jan. 9, 2009 WBBH-TV

PUNTA GORDA: Punta Gorda police divers hunted for stolen ATMs Thursday in the Caloosahatchee River in Hendry County.



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With help from Sarasota County sheriff's divers, the team aided Hendry County deputies searching for machines reported stolen in Hendry and Lee counties since September.

One arrested suspect told investigators some of the machines had been dumped over the bridge at Fort Denaud, Hendry County sheriff's Lieutenant Susan Harrelle explained. But the only thing they found was a soda machine.

A few miles away in a remote pond, though, deputies found one of the missing machines. But the money, predictably, was long gone. "This particular model, the suspects advised me that it came from the Prime Time convenience store here in LaBelle," Hendry County sheriff's investigator Fernando Herrera said.

Hendry deputies say they've so far made six arrests in connection with the ATM thefts that date back to September. Herrera said investigators will continue to search for the missing machines.

Bay City firefighters rescue dog that fell through the ice

http://www.mlive.com/news/bay-city/index.ssf/2009/01/bay_city_firefighters_rescue_d.html

01/09/09 by Cole Waterman Special to The Bay City Times

A Bay City family's dog fell through Saginaw River ice Thursday, but thanks to the Bay City Fire Department, the pooch got away with nothing more than a chilly bath.

Around 11:30 a.m., a 9-month-old rottweiler, darted onto the thinly frozen river only to find the ice couldn't support her 75-pound weight. "I was sitting at my house, and my ma called and wanted to take (the) dog for a walk," said Brandon A. Blake, 26, who along with his mother, Diane L. Bailey, owns Sasha. Walking near a boat launch at Veterans

Memorial Park on the river's west side, Sasha spotted a duck on the ice and darted after it, only to end up in the water. "She goes for a walk every day down by the park, either with my son or myself," Diane Bailey said, noting she bent down to adjust the tongue on her boot when Sasha sprang away from her.

Bailey called her son, and dialed 911. Emergency dispatchers notified the fire department, but Brandon Blake arrived before firefighters and crawled onto the ice after his dog. "I was about five feet away from her and I went in," he said. "The ice just broke." With the help of a good Samaritan, Blake pulled himself out of the ice, his hands and feet numb.



Courtesy photo Sasha's struggles against the current kept taking her away from shore, said Gary W. Gasta, acting battalion chief for the Bay City Fire Department. Firefighter John Case donned an ice rescue suit, with a tagline connecting him to shore, and went in after Sasha.



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Gary W. Gasta, acting battalion chief for the Bay City Fire Department, arrived at the scene about 11:45 a.m. By then, Sasha was struggling against the current, which kept taking her farther from shore. Gasta estimated the dog treaded water for about 30 minutes before firefighters rescued her. "She was exhausted, and I don't think she'd have lasted another 10 minutes," Gasta said. "She was treading water the whole time. That's probably what kept her going. She was moving that whole time, and that generated some heat."

When the firefighters arrived from Bay City's Station No. 4, Sasha was about 30 feet from shore, Gasta said. Firefighter John Case donned an ice-rescue suit, with a tagline hooked to the suit and connecting him to shore. Case then went into the water after Sasha. "She was doing all she could to stay afloat," Case said. "As I was moving toward her, it was like she wanted to come to me. "I grabbed the dog, but when we got it out onto the ice it didn't really walk, because it was shivering and so tired."

Sasha was taken to VetMed, 3762 E. Wilder Road in Bangor Township, for treatment. "They gave her a steroid IV, a heating pad and were blow-drying her," Bailey said. "She's home now, under the electric blanket. They say her age, her walking every day and her determination kept her afloat."

Brandon Blake said he scraped his knuckles and ribs in his attempt to rescue Sasha. "Me and my dog, we're under the blankets," Blake said Thursday afternoon, noting he planned to take Sasha for a morning walk again

today. "The vet said to hold on, she'll probably try chasing the ducks again," Blake said. "She ain't getting away from me, though."

- *Times* writer Tom Gilchrist contributed to this report.

Firefighters remove dead deer from ice

http://www.newburyportnews.com/punews/local_story_012235419.html

January 13, 2009 By Angeljean Chiaramida Staff writer

WEST NEWBURY — Firefighters twice last week recovered the body of a dead deer from the ice on the Artichoke Reservoir. They took the actions to prevent concerned bystanders from possibly falling through the ice in an attempt to attend to the animals themselves.

According the West Newbury fire Chief Rock Dower, he and other town officials took numerous calls from people distressed when they saw the deer on the ice. People thought the deer were alive, he said, and firefighters performed two preventive recovery missions to ensure good Samaritans wouldn't attempt to rescue the deer.

"The ice on the reservoir is tricky because it doesn't really freeze hard, and we don't like to go out there unless we have to," Dower said yesterday. "Friday was the second time in a week we went out. Both times the deer was already dead."



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Dower said the deer could have ended up on the ice for any number of reasons. They could have wandered out there on their own and gotten stranded, he said, or they could have been wounded during the recent deer hunting season, or even been driven out there by predators.

Under normal circumstances, Dower said, nature would have eventually disposed of the carcasses, as carnivores, like coyotes and eagles, would have eaten the deer.

"Coyote had already gotten to the deer," he said. "But we didn't want people or children distressed about the situation or seeing the coyote at the deer. So we went to recover the deer safely."

During the first recovery, which Dower believes was last Monday, the deer's body was far out on the ice. The Haverhill harbormaster helped local rescuers by using the city's air boat to access the carcass. The second recovery was Friday, Dower said, and the deer's body wasn't far from shore. Firefighters used the town's small ice rescue sled to retrieve the deer. "I contacted our deputy, Steve Arnold, and he took care of it," Dower said. "He told me it actually turned out to be a good exercise. Although it was gross, he told me it was a good ice rescue drill."

Coast Guard Rescues Swan Stuck In Ice

<http://www.msnbc.msn.com/id/28639073/>

01/13/09 NewsNet5.com

LORAIN, Ohio - The Coast Guard rescued a black swan that was stuck in the ice in the Black River on Sunday.

The swan's leg and wing were frozen into the ice near the Black River Railroad Bridge. The bridge operator notified the Coast Guard. Four station personnel trained in ice rescue entered the water and broke through the 1.5 inch thick ice with their hands to free the black swan.

The freed swan limped to the shoreline, where it was recovered by station personnel and wrapped in a blanket



to keep warm. They transported the injured swan to the Lake Erie Nature and Science Center in Bay Village for care. "The guardian ethos is the essence of today's Coast Guard. Our core values remain

focused on saving lives and protecting both people and the environment," said Chief Seth Tomas, officer-in-charge of Station Lorain. "My crew responded because their commitment to being 'guardians' would not allow them to sit idle while this swan froze to death in the ice."

Station Lorain is one of several Coast Guard units in the Ninth District with members that are trained in ice rescue procedures to provide assistance to those in need, whether human or animal.



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Tragic find on first sweep of day

<http://www.bordermail.com.au/news/local/news/general/tragic-find-on-first-sweep-of-day/1407808.aspx>

15/01/2009 BRAD WORRALL

THE three-day search for missing Wodonga boy George Sandford came to a halt almost before it began yesterday.

At 7.10am, 10 minutes after the search had resumed, Volunteer Rescue Association members located the body on the southern bank of the Murray River, directly opposite Noreuil Park.



It was the first sweep of the river yesterday morning and a spot that had been searched repeatedly in previous days. George, 16, went missing on Sunday afternoon while swimming with mates.

His body was found about 400m from where the Wodonga Catholic College year 11 student first disappeared. It was also the spot experts grimly predicted would be the most likely place to find his body.

Rescuers said mud on his hand suggested he had been trapped, at some stage, by one of the many snags in the river. Yesterday his family, who have maintained a riverside vigil since Sunday afternoon, were already at the river when the body was found, his uncle called on to identify the body.



Forensic police at the site where the teenager's body was found. Pictures: KYLIE GOLDSMITH

Albury police Insp Lynelle Rodwell extended her condolences to the family. "Our hearts go out to the family at this time, they are extremely distraught as can be expected given the tragic circumstances that have unfolded in the past two days," she said. "The dad and the uncle have been tremendously strong (through all of this) and allowed us to get on with what has been a very difficult job. "Volunteer Rescue Association divers, police divers, VRA and SES waders in the water and police walkers on the bank had searched that area a number of times since Sunday afternoon."

Insp Rodwell also paid tribute to the emergency services whose divers worked in near zero visibility searching the river. "The support from Albury Council, the emergency services and their auxiliary support and the ladies behind the scene that help us with water and food is often



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understated," she said. "It is times like this that we recognise how well the emergency services work together."

Insp Rodwell also issued a warning for others. "If you are not a confident swimmer or don't like the water, stay in the safe areas or go to the local swimming pool and avoid the river, wear a life jacket if necessary," she said. Police will prepare a report for the coroner in the next four weeks.

George's funeral will be held next Tuesday with a requiem mass at the Sacred Heart Church in Beechworth Road, Wodonga.

Airplane crash-lands into Hudson River; all aboard reported safe

<http://edition.cnn.com/2009/US/01/15/new.york.plane.crash/index.html#cnnSTCText>

January 15, 2009

NEW YORK (CNN) -- A US Airways plane with 155 people on board ditched into a chilly Hudson River on Thursday, apparently after striking at least one bird upon takeoff from New York's LaGuardia Airport, according to officials and passengers.

Everyone on board was accounted for and alive, officials said. About 15 people were being treated at hospitals and others were being evaluated at triage centers. Flight 1549, headed to Charlotte, North Carolina, was airborne less than three minutes, according to FAA

spokeswoman Laura Brown. The pilot radioed to air traffic controllers that he had experienced a bird strike and declared an emergency, a New Jersey State Police source said. "I think a lot of people started praying and just collecting themselves," said passenger Fred Berretta. "It was quite stunning."

**Watch
passenger
describe
landing »**

He said he was expecting the plane to flip over and break apart, but it did not. "It was a great landing," Berretta said.



Air traffic controllers at LaGuardia saw the plane clear the George Washington Bridge by less than 900 feet before gliding into the water about 3:31 p.m., an aviation source told CNN.

Witness Ben Vonklemperer said he watched the plane from the 25th floor of an office building. "If someone's going to land a plane in the water, this seemed the best possible way to do it," Vonklemperer said. "The way they hit it was very gradual, very slow contact with the water."

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As the situation began to settle Thursday evening, the flight's pilot, Chesley B. "Sully" Sullenberger, emerged as a hero, with praise being heaped on him by passengers, officials and aviation experts. "I don't think there's enough praise to go around for someone who does something like this. This is something you really can't prepare for," said former Delta pilot Denny Walsh. "You really don't practice water landings in commercial airplanes. Just the sheer expertise he demonstrated is amazing."

US Airways CEO Doug Parker said it would be premature to speculate about the cause of the accident until the National Transportation Safety Board, which is sending a team to the site, completed an investigation. A source familiar with the situation, however, told CNN the pilot reported a double bird strike, but it was unclear whether that meant birds in both engines or two birds in one engine.

The pilot initially said he needed to go back, and air traffic controllers started to give him clearance to do so, but the pilot said he wanted to head to Teterboro, New Jersey, because it was closer. That was the last transmission from the pilot, the source said.

Passenger Alberto Panero said that within a few minutes after takeoff, he heard a loud bang and smelled smoke.

Watch passenger say he heard a loud bang »
"That's when we knew we were going down and into the water. We just hit, and somehow the plane stayed afloat

and we were able to get on the raft. It's just incredible right now that everybody's still alive."

Passenger Jeff Kolodjay of Norwalk, Connecticut, said he was sitting in seat 22A, near one of the engines. "The captain came on and said, 'Look, we're going down. Brace for impact.' Everyone looked at each other and we said our prayers. I said about five Hail Marys," said Kolodjay, who was headed to Charlotte to play golf. "The plane started filling with water pretty quick," he said. "It was scary. There was a lady with her baby on my left-hand shoulder, and she was crawling over the seats."

Watch footage of plane in water »

Police, fire and Coast Guard boats, along with commercial ferries, were quickly on the scene as passengers lined up on slightly submerged safety chutes. New York Mayor Michael Bloomberg said later Thursday that the plane was tied to a pier at Battery Park City in lower Manhattan. As night fell, Coast Guard and FDNY boats remained at the scene.

President Bush commended those involved in the rescue. "Laura and I are inspired by the skill and heroism of the



The plane entered the water Thursday afternoon after a failed takeoff, the FAA says.

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flight crew as well as the dedication and selflessness of the emergency responders and volunteers who rescued passengers from the icy waters of the Hudson," he said.

Bloomberg also commended the pilot for not leaving the plane until he had checked to make sure everyone had been evacuated. "It would appear that the pilot did a masterful job of landing the plane in the river and then making sure that everybody got out," Bloomberg said. "I had a long conversation with the pilot," Bloomberg said. "He walked the plane twice after everybody else was off, and tried to verify that there was nobody else on board, and assures us there were not. "There is a heroic pilot," said Gov. David Paterson. "We have had a miracle on 34th Street; I believe we now have a miracle on the Hudson."

The temperature in New York was 20 degrees about the time of the crash off Manhattan's west side.

 [See map of crash site »](#)

Dr. Gabriel Wilson, associated medical director of the emergency room at Roosevelt Hospital, said 55 survivors were checked out and cleared to leave from the scene. Those being treated at hospitals included a husband and wife with hypothermia at Roosevelt Hospital, as well as a flight attendant with a leg fracture, hospital spokeswoman Michelle Stiles said.

Since 1975, five large jetliners have had major accidents in which bird strikes played a role, according to the Web

site of Bird Strike Committee USA, a volunteer group dedicated to reducing the frequency and severity of the strikes. More than 56,000 bird strikes were reported to the FAA from 1998 to 2004, according to the group's Web site.

People who believe they may have had relatives on the flight may call US Airways at 1-800-679-8215 within the United States, the airline said.

MISSION REPORT

Terra Alta Lake - Fayette County, Tennessee

Submitted by Hunter Winfrey

On Tuesday December 23rd, a rescue call came in to Fayette County 911 around 5:00PM as a boating accident with two victims. Caller advised that a boat had capsized with two people with one that had drowned.





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Fayette County Sheriffs Department, Ambulance Service and rescue crews from the county's SART team and District 15 Fire Department were dispatched. Braden Fire Department's Dive Team was also called to respond.

Terra Alta Lake is approximately 50 acres and sits in the center of a residential community in Northeastern Fayette County in West Tennessee.

As teams assembled at the lake and reviewed the situation, boats were called in from the lake as high winds gusting to 30mph made any effort unsafe. Recovery efforts were suspended until the next morning. Heavy rains and winds kept crews off the water until midday on Christmas Eve.

Canine teams from Shelby County Emergency Services Unit came to assist in the



recovery. Side scan sonar was used and some areas of interest were cleared by divers.

Water temps were 42 degrees at depth with zero visibility.

As night fell, teams decided to resume operations on Christmas Morning. Team leaders went back to speak with the surviving victim about exact location of where they fell into the water. This additional information was not the same as first given on day one. The search area was reduced by seventy five percent

Christmas morning brought crews back to the scene with a new plan. Search dogs alerted on an area where side scan sonar located the target and underwater camera confirmed.

The victim was found in 6 feet of water wearing heavy clothing and no PFD.

End of Report

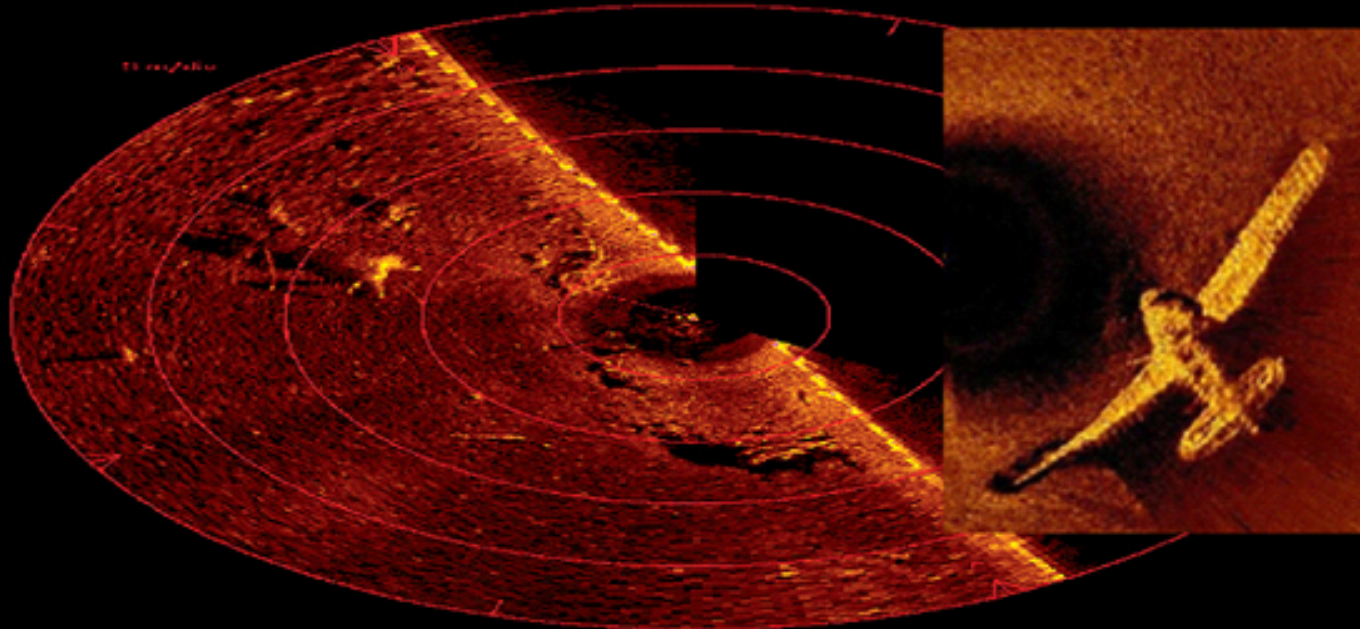


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Related News Stories

Search for missing boater resumed Wednesday

<http://www.wmctv.com/global/story.asp?s=9573994>

Dec 24, 2008

VIDEO : [Water rescue \(12-23-08\)](#) 1:13



The search for a missing man whose boat overturned in a Mid-South lake was called off Tuesday night due to high winds and choppy waters that made diving impossible, but the search will resume

Wednesday morning, the sheriff's dept. said.

The search for a missing 62-year-old man whose boat overturned in a Mid-South lake resumed Wednesday morning. Divers went back in the water to look for Ronald Miller.

The Fayette County Sheriff's Dept. Search and Recovery Team, Braden Fire Dept. Dive Team and Fayette County fire units and EMA searched for several hours for Miller whose boat had overturned around 5:00 p.m. Tuesday in

Terra Alta Lake, located about 10 miles east of Somerville, Tennessee.

A woman who accompanied the missing man safely swam to shore. Raymond Garcia of the Fayette County Sheriff's Dept. said that high winds and choppy waters made it too difficult for the dive team to continue their search.

Divers Find Body Of Missing Boater

<http://www.wreg.com/global/story.asp?s=9580297>

12/25/08 shaun.chaiyabhat@wreg.com

FAST FACTS:

- ◆ Ronald Miller, 62, drowned in Terra Alta Lake Tuesday
- ◆ Miller's body recovered Thursday around 2:25p.m.
- ◆ No signs of foul play

VIDEO : [Missing Man Found Dead In Lake](#)



Fayette County, TN - After days of searching, recovery teams have finally found the body of a drowned boater. 62-year-old Raymond Miller had been missing since Tuesday when his boat capsized on Terra Alta Lake in Fayette County. Miller had

planned to spend this Christmas with his family. They had already gathered at his house for the joyous occasion,



and they were all there to give each other support when authorities recovered his body. Their tragedy began when Miller and his ex-wife took a small boat onto the lake despite windy weather. Their boat flipped and neither could swim. A lifejacket and a neighbor saved her, but Raymond disappeared.

Sheriff Bobby Riles says, "It's one of those deals where you get out in a boat, a small boat, on a big lake. You've got high winds, no lifejacket on, and you turn over. You've got a big heavy coat on and that coat's going to drag you down."

Dive teams scoured roughly six acres of water for three days. Volunteers came to search on Christmas Eve and Christmas Day. Weather delayed the search, but Wednesday night, crews got a good lead. Crews were back out again Thursday morning at 10:30 and zeroed back on the spot they left the night before. Divers put a camera in the water and found Miller's body six feet underwater. He had gone about 100 yards from where his boat capsized. His family was too shaken to talk on camera, but says they're happy he is no longer missing.

"They're holding up real good," says Sheriff Riles. "They were a whole lot better than they were Tuesday and Wednesday. But today I think was closure for them."

His family says Miller was an usher at Bellevue Baptist Church for 18 years and was a military veteran. Although there are no signs of foul play, his body has been sent to

the Shelby County Medical Examiner for an autopsy. No funeral arrangements have been determined.

Body of missing boater found

<http://www.wmctv.com/global/story.asp?s=9579646>

by Nick Kenney Dec 26, 2008

FAYETTE COUNTY, TN (WMC) - Divers found the body of a missing boater after searching for nearly 48 hours. Ronald Miller, 62, was found in Terra Alta Lake in Fayette County on Christmas Day.

Lake Terra Alta is a modified creek. It's a tiny body of water at the center of a neighborhood.

Even though it was Christmas Day, crews covered it's shores and it's surface searching for a Miller. The trip to shore was sad and slow aboard a small boat hauling the body of Ronald Miller. Lake Terra Alta resident Clint Lucas said, "This is just a tragic time. This is Christmas, you know?" The season turned when Miller drowned in Lake Terra Alta.

He was pulling one small boat with another small boat. Both started taking on water and flipped. His ex-wife who was also in the boat survived. He disappeared underwater.

Emergency crews searched Tuesday night and all day Wednesday with no luck. They returned on Christmas for day three and everything changed. A cadaver dog quickly sniffed out a scent and underwater cameras quickly

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confirmed the spot. By early afternoon, the search ended. Fayette County Sheriff Bobby Riles said, "We accomplished what we needed to accomplish." Crews recovered Miller's body in no more than six feet of water, no more than a hundred feet from shore. "Very relieved. I wish it could've been yesterday so these people wouldn't have had to spend their Christmas Day out here, but I'm very relieved," said Riles.

Relief the Sheriff shares with old neighbors like Clint Lucas. "I pray for his family," said Lucas.

According to the sheriff, Miller is the first person to drown on Lake Terra Alta in at least thirty years. Neighbors say they don't know of anyone else who has drowned in its waters.

INFORMATION YOU CAN USE

Adverse Conditions: Dealing with the Weather *By: Dick Warrington*

As a crime scene officer, your first task is to secure and protect the scene. But when you're faced with adverse weather conditions, barrier tape alone won't be enough. For those cases, you have to think outside the box to find ways to save as much evidence as possible.

Remember, if you don't do your job

well, you might lose valuable evidence. A case weakened by lost evidence will fall back on your shoulders. Don't let that happen to you. In this issue, I'll look at some strategies you can use for dealing with adverse conditions.

Click here to go to the story:

<http://www.forensicmag.com/newsletters/features/20090107/>

FEMA starts channel on YouTube

<http://fcw.com/Articles/2009/01/08/FEMA-starts-channel-on-YouTube.aspx>

Jan 08, 2009 By [Alice Lipowicz](#)

Joining a handful of other federal agencies with an official presence on YouTube, the Federal Emergency Management Agency has established a channel on the popular Web site to publicize its disaster-recovery efforts in video format. "Beginning in earnest in 2008, FEMA started efforts to integrate social media and new media into its communications and outreach efforts," a news release from Jan. 6 stated. Those efforts included creating the FEMA Channel on YouTube along with a Twitter site, the release said.



Issue 54

- *Ben Waller takes over TRm
- *UK Flood preparedness
- *The Bethesda pipe incident
- *California 'Good Samaritan Law'
- *A look back at Issue 41
- *Team Badges & Gallery
- *IFRA - A new Flood Rescue Association is formed in the UK

<http://t-rescue.com>

So far, the FEMA Channel on YouTube is not getting a lot of traffic for its 44 videos showing disaster-recovery efforts. Sixty-seven subscribers have signed up, generating 6,276 page views to date. The most popular videos on the agency's channel show agency officials discussing temporary housing, federal disaster assistance

and flood assistance. Although “moderated” comments are permitted on the site, there were no comments visible for the four videos reviewed by a reporter. “We reserve the right to determine which comments are acceptable for this channel,” the agency states in a notice on the YouTube site. “We will, however, post and attempt to comment on legitimate questions and concerns regarding FEMA’s mission and the agency’s efforts to help communities and individuals prepare for, respond to, and recover from disasters.” FEMA said it would not retain the comments in its records.

YouTube hosts videos from thousands of sources, including commercial sources and individuals. It sponsors hundreds of channels with various partners. The most popular videos receive millions of views. In addition to visiting the official FEMA channel, visitors to YouTube can view videos submitted by individuals that reference content claiming to be related to FEMA, such as video snippets of television programs about the agency’s disaster-relief efforts.

New Fingerprint Breakthrough By Forensic Scientists

<http://www.sciencedaily.com/releases/2008/06/080602103331.htm>
ScienceDaily (June 4, 2008)

Leicester, working with Northamptonshire Police, have announced a major breakthrough in crime detection which could lead to hundreds of cold cases being reopened.

The University’s Forensic Research Centre has been working with Northamptonshire Police’s scientific support unit to develop new ways of taking fingerprints from a crime scene.

Researchers in the University Department of Chemistry and the Police’s scientific support unit have developed the method that enables scientists to ‘visualise fingerprints’ even after the print itself has been removed. They conducted a study into the way fingerprints can corrode metal surfaces. The technique can enhance -- after firing-- a fingerprint that has been deposited on a small calibre metal cartridge case before it is fired.

Dr John Bond, Honorary Fellow at the University of Leicester and Scientific Support Manager at Northamptonshire Police said: “For the first time we can get prints from people who handled a cartridge before it was fired.”

“Wiping it down, washing it in hot soapy water makes no difference - and the heat of the shot helps the process we use. “The procedure works by applying an electric charge to a metal - say a gun or bullet - which has been coated in a fine conducting powder, similar to that used in photocopiers. “Even if the fingerprint has been washed off, it leaves a slight corrosion on the metal and this attracts the powder when the charge is applied, so showing up a residual fingerprint.

"The technique works on everything from bullet casings to machine guns. Even if heat vaporises normal clues, police will be able to prove who handled a particular gun." Dr. Bond's initial findings, which prompted the joint study, have been announced in a paper in the American Journal of Forensic Science.

Professor Rob Hillman of the Department of Chemistry added: "It is very satisfying to see excellent fundamental science being applied to a practical problem. We are delighted to have the opportunity to collaborate with Dr. Bond and his colleagues and we look forward to some very exciting chemistry and its application to forensic science."

As a result of the research, cases dating back decades could be reopened because the underlying print never disappears, say the scientists. The technique also works in cases where prints may be left on other metals. Dr Bond added: "It's certainly possible hundreds of cold cases could be reopened because with this method the only way to avoid a fingerprint being detected is through abrasive cleaning as that takes a layer off the metal.

Dr Emma Palmer, Director of the Forensic Research Centre said: "This collaboration between the University of Leicester and Northamptonshire Police is an excellent example of applying research to a practical problem in crime detection."

Dr Bond and Professor Rob Hillman of the Chemistry Department at the University now intend to take this research forward via a three-year Ph.D. studentship to

commence next academic year. The new project will explore further the corrosion of metal by fingerprint residue and investigate how it might be used to detect more crime with forensic science.

Criminals Who Eat Processed Foods More Likely To Be Discovered, Through Fingerprint Sweat Corroding Metal

<http://www.sciencedaily.com/releases/2008/09/080915210509.htm>

ScienceDaily (Sep. 18, 2008) — The inventor of a revolutionary new forensic fingerprinting technique claims criminals who eat processed foods are more likely to be discovered by police through their fingerprint sweat corroding metal.

Dr John Bond, a researcher at the University of Leicester and scientific support officer at Northamptonshire Police, said processed food fans are more likely to leave tell-tale signs at a crime scene.

Speaking before a conference on forensic science at the University of Leicester, Dr Bond said sweaty fingerprint marks made more of a corrosive impression on metal if they had a high salt content. And he revealed he was currently in early talks with colleagues at the University of Leicester to assess whether a sweat mark left at a crime scene could be analysed to reveal a 'sweat profile' ie more about the type of person who left the mark.

Dr Bond, from Northamptonshire Police Scientific Support Unit is an Honorary Research Fellow at the University of Leicester's Forensic Research Centre. He has developed a

method that enables scientists to 'visualise fingerprints' even after the print itself has been removed. He and colleagues conducted a study into the way fingerprints can corrode metal surfaces. The technique can enhance – after firing– a fingerprint that has been deposited on a small calibre metal cartridge case before it is fired.

Dr Bond said: "On the basis that processed foods tend to be high in salt as a preservative, the body needs to excrete excess salt which comes out as sweat through the pores in our fingers.

"So the sweaty fingerprint impression you leave when you touch a surface will be high in salt if you eat a lot of processed foods -the higher the salt, the better the corrosion of the metal."

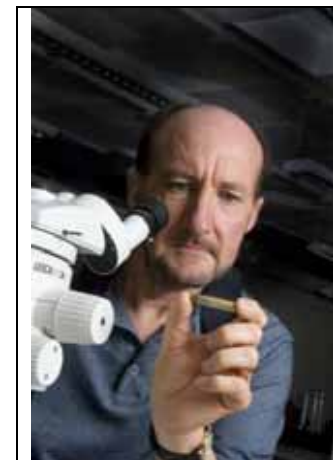
Dr Bond added there was therefore an indirect link therefore between obesity and the chances of being caught of a crime. "Other research has drawn links between processed foods and obesity and we know that consumers of processed foods will leave better fingerprints," he said.

Dr Bond said there was scope to take his research further and to look at the constituents of sweat itself in order to profile an individual: "We are currently in talks with the University of Leicester to see if there is scope to investigate sweat itself and whether it can identify the type of person who left that sweat mark. "This is because the amount of sweat people leave varies and the components of the sweat varies. Important for us is how

the salt varies but there is potential to investigate other elements to describe the kind of person who left the mark. It would give lifestyle information that, whilst nowhere near as good as identifying individuals with their fingerprints, it is still very good for police if they have got nothing else to go on.

"This would be particularly helpful for terrorist type crimes where the nature of the incident would tend to obliterate forensic evidence. So a sweat mark on a piece of metal or bomb fragment that might be recovered from an incident might be able to provide a clue to the type of person who perpetrated the incident." "We would describe the study of sweat as a process of intelligent fingerprinting - using the fingerprint to tell us more about the individual rather than a simple identification."

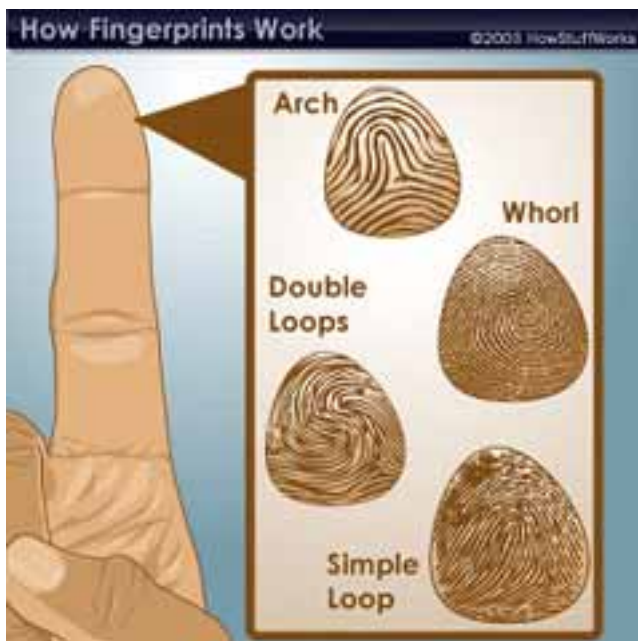
University of Leicester (2008, September 18). Criminals Who Eat Processed Foods More Likely To Be Discovered, Through Fingerprint Sweat Corroding Metal. *ScienceDaily*. Retrieved January 22, 2009, from <http://www.sciencedaily.com/releases/2008/09/080915210509.htm>



Dr. John Bond of Northamptonshire Police Scientific Support and Honorary Research Fellow at the University of Leicester's Forensic Research Center. (Credit: University of Leicester)

How Fingerprinting Works

http://static.howstuffworks.com/gif/fingerprint-2.gif&imgrefurl=http://science.howstuffworks.com/fingerprinting1.htm&usq=__4rajR1H20aRi2ATQEN46Cn0wy80-&h=400&w=400&sz=54&hl=en&start=11&bnid=N0Kitei58TAPNM:&tbnh=124&tbnw=124&prev=/images%3Fq%3Dfingerprint%26gbv%3D2%26hl%3Den



All of the ridges of fingerprints form patterns called loops, whorls or arches:

Loops begin on one side of the finger, curve around or upward, and exit the other side. There are two types of loops: **Radial loops** slope toward the thumb, while **ulnar loops** slope toward the little finger.

Whorls form a circular or spiral pattern.

Arches slope upward and then down, like very narrow mountains.

EVENTS



<http://www.publicsafetyevents.com/fhw/index.po>



Counter Terror Expo is a leading counter terrorism conference, workshop and exhibition event. Held annually in London, Counter Terror Expo brings the world's leading terrorism experts together with other specialist practitioners and systems suppliers for two full days of informed debate, designed to facilitate an open exchange of views and drive forward solutions to counter the threat faced from international terrorism.

[Click Here to Learn More](#)

[19th Annual Anatomic Pathology Updated Course \(5190\) - April 13, 2009 thru April 18, 2009](#)

- New Lecture Schedule. [\[Read More\]](#)



The 2009 South Florida Police Expo and SSI will be hosting a one-day pre-conference training on "The Islamic Jihadist Threat" on Tuesday June 2nd, 2009
[Click Here for More Information](#)

[22nd Annual Forensic Anthropology Course \(5193\) - June 01, 2009 thru June 05, 2009](#)

Forensic anthropology is concerned with the scientific recovery, analysis and identification of human remains in the medicolegal context. [\[Read More\]](#)



SARCon 09
Oct. 15-18, 2009

Northwest SARCon is a search and rescue conference developed for emergency responders and their supervisors, including: sheriff's

deputies, SAR team members, SAR volunteers, police officers from state and municipal agencies, firefighters, military and national guard personnel and Emergency Medical Services crews. At the conclusion of the conference, participants will have received hands-on training and participated in discussions on topics related directly to the conduct of search and rescue missions.

<http://www.clackamas.us/sheriff/sarcon/>

PSDiver Monthly Continuing Education

PSDM-CE-58 Ice Rescue

- 1) Being prepared is the key to safety on the ice.
 - a. True
 - b. False

- 2) The correct sequence for ice rescue is:
 - a. Stop, Reach, Preach, Throw, Row, Go
 - b. Stop, 911, Preach, Reach, Throw, Row, Go
 - c. 911, Reach, Throw, Row, Go
 - d. Stop, Preach, Reach, Throw, Row, Go

- 3) Ice cold water can cause severe hypothermia in _____ minutes or less:
 - a. 15
 - b. 20
 - c. 30
 - d. 40
 - e. 50

- 4) The thickness of ice is never consistent. It is usually:
 - a. Flat on top but not on the bottom,
 - b. Rough on top, smooth on bottom
 - c. Flat on top, with layers of trapped water inbetween
 - d. The above statement is false

5) ___ inches of ice is the minimum thickness for walking and ice fishing:

- a. 2
- b. 4
- c. 6
- d. 8



6) ___ inches of ice is the minimum thickness for snow mobiling:

- a. 4
- b. 5
- c. 6
- d. 8

7) Snow on ice:

- a. Keeps the ice shielded from the sun and keeps ice thicker
- b. Has no influence on thickness
- c. It makes ice warmer and thinner

8) NFPA _____ outlines the training for ice rescue.

- a. 1910
- b. 1410
- c. 1670
- d. 1304

9) If the ice could not support the victim then it probably will not support you without aids.

- a. True
- b. False



10) ICE operational capability has three levels of consideration. The three are:

- a. Operations, Planning, Logistics
- b. Command, Operations, Liasion,
- c. FFlevel 1, Public, State
- d. Awareness, Operations, Technician

11) Most ice rescue of persons were triggered by _____:

- a. Animal Rescue
- b. Thin Ice
- c. Adventure
- d. Accidents

12) _____ and _____ are the keys to ice rescue.

- a. Desire, Finnancial support
- b. Training, Public funding
- c. Equipment, Desire
- d. Preplan, Training

TEAM DISCUSSION TOPICS:

- 1) Does your team have exposure to ice rescue. If so then do you have SOG/SOP to direct your response. Discuss your guidelines.
- 2) Does your team have equipment to perform ice rescue. Discuss each piece of equipment, its uniqueness, its strengths, its weakness.
- 3) Discuss the training program you have for ice rescue.

Does it meet the needs and considerations for your area. Do you have periodic ice rescue training?

4) What does your team do that is good? What does your team do that could be considered dangerous? What should your team do to improve safety, efficiency and function?

5) Discuss the pros and cons of rescuing animals that have fallen through ice. Include discussion on tools, methods, manpower needs, outside resources that could be used and possible alternatives.

6) As a team or in assigned groups, preplan your area lakes. Locate potential entry points, exit points, hazards and features that could help or impede a potential rescue.

	<p>ERDI Recognizes and supports the PSDiver Monthly CE Program. Contact your ERDI Instructor for details.</p>
<p>The Public Safety Diving Association (PSDA) recognizes and approves the PSDiver CE program. Each month's Q&A program credits 1 CEU for renewal up to a maximum of 3 CEUs from this source for each year's renewal.</p>	

Join our PSDiver and Water Rescue Discussion Group at:

(Just click the link or copy and paste the url into your browser.)

[Public Safety Divers Forum](http://groups.yahoo.com/group/PSDivers-PublicSafetyDiversForum)

<http://groups.yahoo.com/group/PSDivers-PublicSafetyDiversForum>

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PSDiver Monthly is the magazine for PSDiver and is edited and published by [Mark Phillips](#)

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