



Warren CERT eNews



Not if..... When Always Vigilant - Always Prepared

Volume 4 Issue 10

October 2018

This newsletter is brought to you by the Executive Board and is meant to give you the latest news and information from around the organization as well as further your capabilities in a disaster or emergency situation. - *Michael Riley*

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TIME MAY BE RUNNING OUT

President Donald Trump's administration wants to shut down U.S. government radio stations that announce official time, a service in operation since World War II.

WWV and WWVB in the state of Colorado and WWVH on the island of Kauai in the mid-Pacific state of Hawaii, send out signals that allow millions of clocks and watches to be set either manually or automatically.

WWVB continuously broadcasts digital time codes, using very long electromagnetic waves at a frequency of 60 kilohertz, which are automatically received by timekeeping devices in North America, keeping them accurate to a fraction of a second.

"If you shut down these stations, you turn off all those clocks," said Don Sullivan, who managed the National Institute of Standards and Technology (NIST) stations between 1994 and 2005.

GPS not good enough

WWV and WWVH broadcast on a number of shortwave frequencies, meaning their signals can be received globally. Sixty kilohertz permeates in a way GPS can't, Sullivan advises, explaining that WWVB's very low frequency signal can be received inside buildings and it is an important backup to GPS in case adversaries attempt to interfere with the satellite radio-navigation system.

WWV and WWVH broadcast on a number of shortwave frequencies, meaning their signals can be received globally. The Trump administration proposes, in its Fiscal 2019 budget to Congress, cutting \$26.6 million and 136 jobs from NIST's fundamental measurements, quantum science and measurement dissemination activities.

Leason's

DAIRY BAR & GRILLE



FUNDRAISER



Come out and support Warren CERT

Fri	May 18	4:00pm-8:00pm
Fri	Jun 15	4:00pm-8:00pm
Fri	Jul 20	4:00pm-8:00pm
Fri	Aug 17	4:00pm-8:00pm
Fri	Sep 14	4:00pm-8:00pm
Fri	Oct 19	4:00pm-8:00pm

Come support CERT and enjoy some awesome food & treats!

There may be surprise visits from Warren Police, Firefighters,
and maybe even our new K9's and their Handlers

You might even meet some of the officers from our new Community Policing Unit



The budget document acknowledges that in addition to synchronizing clocks and watches, the time signals are also used in appliances, cameras and irrigation controllers.

“It’s crazy,” Sullivan said of the proposed cut. “It’s absolutely insane.”

NIST officials say they cannot comment on budget matters. The White House referred questions about NIST’s funding to the Office of Management and Budget, which has not responded to an inquiry.

Oldest continuously operating radio station

WWV, the oldest continuously operating radio station in the United States, first went on the air from Washington in 1919, conducting propagation experiments and playing music. In the early years, it also transmitted — via Morse code — news reports prepared by the Agriculture Department. A cesium “atomic clock” at WWV in Colorado. One second is defined as the period of the transition between two energy levels of the ground state of the Cesium-133 atom, making cesium oscillators the primary standard for time and frequency measurements.

The station subsequently was moved to Maryland and then to Colorado in 1966. WWV has been a frequency standard since 1922 and has disseminated official U.S. time since 1944.

All of the NIST stations rely on extremely precise atomic clocks for the accuracy of their time signals.

WWV, at two minutes past every hour, also transmits a 440 hertz note (A above middle C), something it has done since 1936, allowing musicians to tune their pianos and other instruments.

All three stations retain a huge following worldwide, according to Sullivan.

WWV and WWVH broadcasts can also be heard by telephone and about 2,000 calls are received daily, according to NIST. (To listen to the broadcasts by phone, dial +1-303-499-7111 for WWV and +1-808-335-4363 for WWVH.)

The telephone time-of-day service also is used to synchronize clocks and watches, and for the calibration of stopwatches and timers (although slightly less accurate than radio reception).

Tom Kelly, an amateur radio operator in the state of Oregon, has launched a petition to try to save the stations. His goal is to collect 100,000 online signatures from U.S. residents by September 15 that would compel a response from the White House. (ed note: The petition has been closed down)

Kelly’s petition calls the stations “an instrumental part in the telecommunications field, ranging from broadcasting to scientific research and education,” noting their transmissions of marine storm warnings, GPS satellite health reports and specific information about solar activity and radio propagation conditions.

Britain, China, Germany, Japan and Russia also have very low frequency time transmissions, but their stations are too distant to automatically set clocks in the United States.

Among other proposed cuts for NIST are its environmental measurement projects measuring the impact of aerosols on pollution and climate change and gas reference materials used by industry to reduce costs of complying with regulations and the Urban Dome research grants for determining how to measure greenhouse gas emissions for cities and across regions.

THE MONTH IN REVIEW - CALL OUTS, DEPLOYMENTS, AND EVENTS

09/01/2018	Multiple Storm Call-Outs
09/14/2018	Leason's Fund raiser
09/17/2018	Animal Welfare Clinic
09/21/2018	Fire Dept Relief 11004 Packard
09/29/2018	Octoberfest

641.5 Total Volunteer Hours

157 - Call-Out / Events

40.5 - Meeting / Training Hours

194 - Executive Board / Administrative / Education

Although the IRS does not assign or allow volunteer hours a dollar amount many state and federal entities do assign a value to volunteer hours.

According to todays rate of \$24.69 the CERT team has performed

\$9678.48

dollars of service to the residents and city of Warren this month.

UPCOMING EVENTS

Full details available at meetings, emails, and official CERT calendar

Sat Oct 6	09:00-13:00	General Membership Meeting	CANCELLED
Sat Oct 6	09:00-12:00	Fitzgerald Homecoming Parade	
Sat Oct 6	12:00-16:00	K-Mart Safety Day	
Sun Oct 7	13:00-16:00	Boy Scout Merit Badge	
Sat Oct 13	09:00-12:00	Warren Woods Tower Homecoming Parade	
Sat Oct 13	12:00-18:00	Warren Woods Tower Homecoming Football Game	
Fri Oct 19	16:00-20:00	Leason's Fundraiser	
Sat Oct 20	12:00-18:00	Harvest Treat – LAST ONE	
Wed Oct 31	17:00-21:00	Halloween Candy Check	Station 1
Sat Dec 1	09:00-13:00	Family Appreciation Brunch	
Sat Dec 1	17:00-20:00	Tree Lighting	City Square

Unless otherwise indicated meetings will be held at
Warren Community Center 5460 Arden Ave, Warren, MI 48092

Watch the CERT Calendar for the latest location information and other training dates.

[Make sure you follow Warren CERT on Facebook & Twitter](#)

<https://www.facebook.com/wrncert/>

[@WarrenCERT](#)

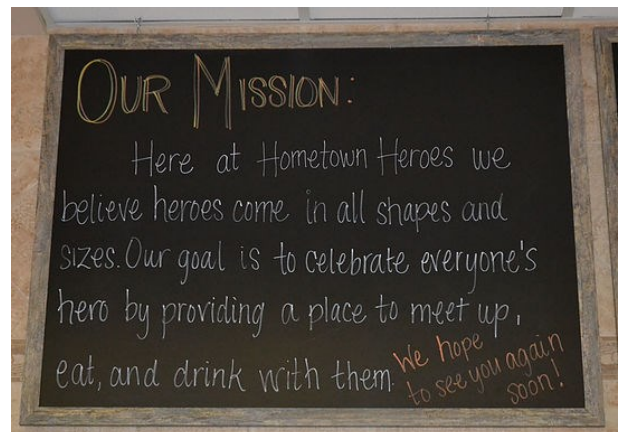
CHECK THIS OUT

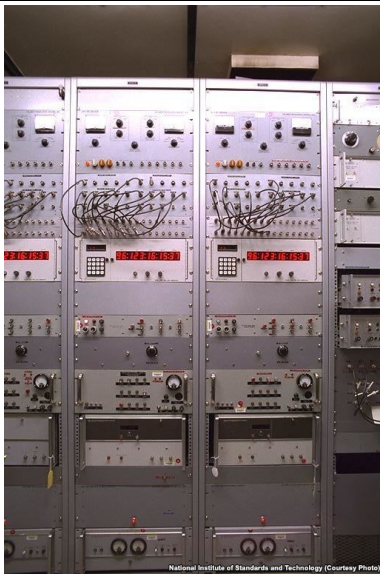
Sometimes you just need a good cup of coffee.... When that describes you there is an answer:

Hometown Heroes
Coffee and More 

Coffee,
Sandwiches, Soup. It's all good, check
them out.

25029 Van Dyke Ave
Center Line, MI 48015





< A cesium “atomic clock” at WWV in Colorado. One second is defined as the period of the transition between two energy levels of the ground state of the Cesium-133 atom, making cesium oscillators the primary standard for time and frequency measurements.

The long-wave antenna for WWVB, which transmits a 60 kilohertz signal allowing clocks and watches to be automatically set to the correct time within a few hundredths of a second.

>



HAY BAIL GARDENING

Hay Bale Gardening - No weeds, no fertilizers and less watering!! What a simple but amazing concept!!

Basically, you treat the bales with nitrogen and water over 12 days in preparation for planting. Then, you plant on top, on the sides – anywhere in the bale – and everything grows! The nutrients from the decomposing grasses feed the plants during their cycle. Afterwards, everything can be put into a compost pile to use in your garden next year!

Position your bales

Before you set up your bales, lay down landscape fabric to prevent weeds from growing up through the bales. Arrange the bales side by side in rows, with their cut sides up. The strings that bind the bales should run across the sides, not across the planting surface. The strings will help keep the shape of the bales as they start to soften and decompose.

Condition the bales

Two weeks before you plant, you have to get the bales cooking. This means wetting and fertilizing the bales for roughly 10 days to start composting the inner straw. For the first six days, put down 3 cups of organic fertilizer per bale every other day, and water the bales to push the fertilizer down and thoroughly saturate the straw. On the off days, simply water the bales. Days 7 through 9, lay down 1.5 cups of organic fertilizer each day and water. Day 10 put down 3 cups with phosphorus and potassium (bone or fish meal mixed with 50% wood ash).

Time to plant

If you're planting seedlings, use your trowel to separate the straw in the shape of a hole and add some sterile planting mix to help cover the exposed roots. If you're planting seeds, then cover the bales with a one to two-inch layer of planting mix and sew into this seedbed. As the seeds germinate, they'll grow roots down into the bale itself. While you're at it, plant some annual flowers into the sides of the bales, or some herbs — it's otherwise underutilized growing space, and will make the garden a whole lot lovelier.

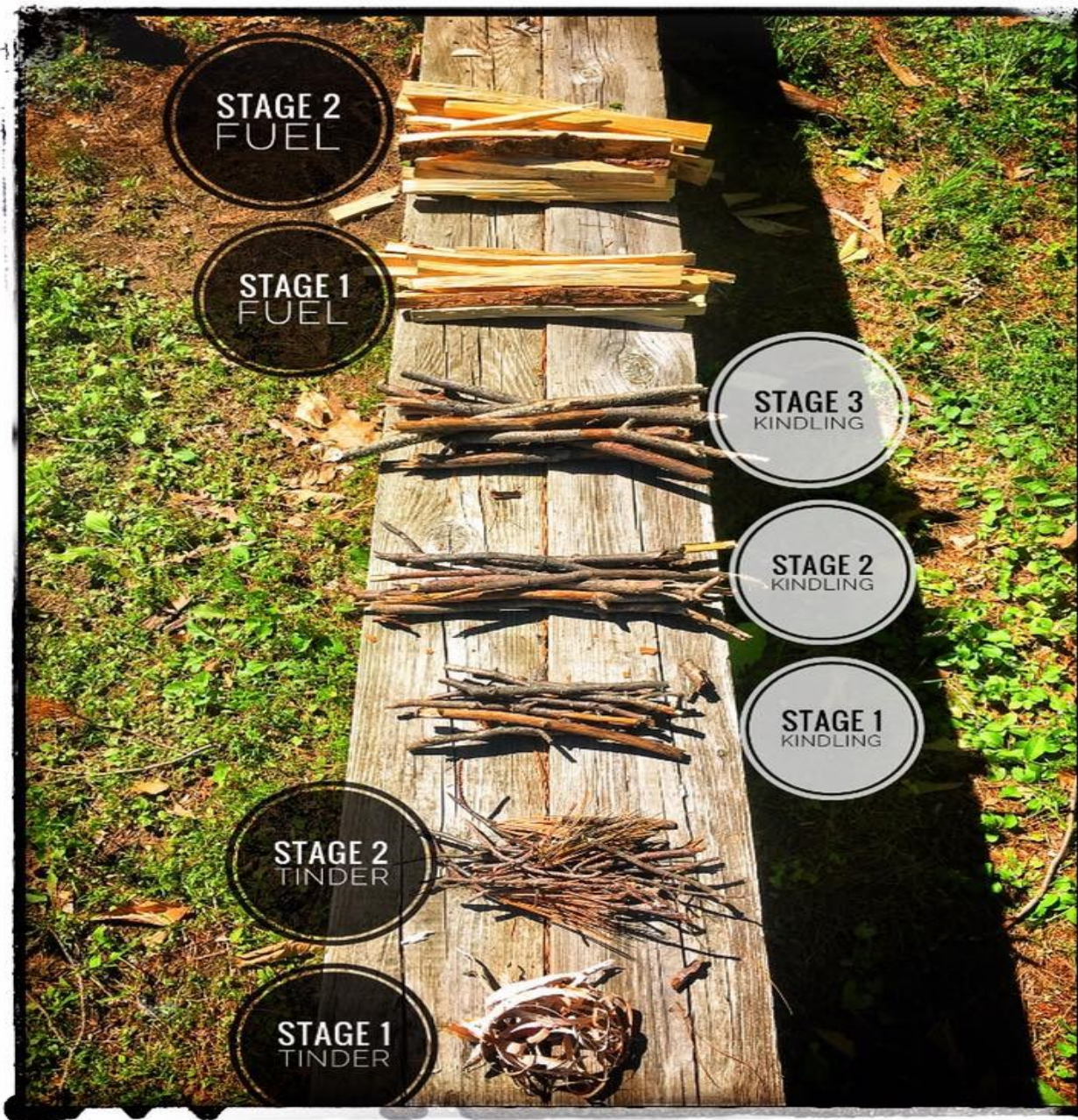
If you lay a soaker hose over your bales, you've pretty much eliminated all your work until harvest. That's because your “soil” doesn't contain weed seeds.

<https://sympathink.com/straw-bale-gardening-instructions/>

EXECUTIVE BOARD

<u>Title</u>	<u>Name</u>	<u>Phone</u>	<u>Email</u>	<u>Ham Call Sign</u>
Director	Michael Riley	586-943-6110	mriley@warrencert.org	kd8fmg
Dep. Director	Karen Carrier	586-481-4613	karencarrier@yahoo.com	
Secretary	Mike Rose II	586-855-1685	mrose@warrencert.org	ke8cih
Coordinator	JoAnn Christian	586-980-2055	kd8stz@yahoo.com	kd8stz
Coordinator	Ryan Prouse	248-259-1226	ryanprouse68@gmail.com	kd8ygv
Coordinator	Sandra Jones	586-457-6159	sgjones586@gmail.com	
Coordinator	Ron Mesic	248-830-8450	rmesic@gmail.com	n8xz
Coordinator	Mike Slupinski	586-214-4704	deploytheyak@outlook.com	kd8vdz
Coordinator	Eric Bordeaux	586-242-4996	ericbordeaux@comcast.net	
Coordinator	Angela Middleswart	586-219-4329	amiddleswart@warrencert.org	

FIRE STARTER



CERT POLICIES MEMBERS NEED TO KNOW

Warren CERT ID and Lanyard can ONLY be worn when activated as Warren CERT and must NOT be visible when stored in your vehicle. Do not keep lanyards in your cup holders, hanging from your rear view mirror, or other obvious place. You need to assure it does not get stolen or is used to misrepresent the team.

When deployed on Warren CERT events, logos and ID's from any other agency's cannot be worn. This includes, but is not limited to Badges (Security, Hospital, Work, etc.), Shirts or uniforms with logos of other agencies (Police, Sheriff, Fire, Ambulance, Security, even other CERT teams). Displaying multiple identifying marks causes confusion and can possibly place you in unwanted and dangerous circumstances.

Under no circumstances should you self-deploy!! IF YOU SELF-DEPLOY AND ARE INJURED YOU ARE ON YOUR OWN! IF YOU SELF-DEPLOY AND ARE INJURED YOU ARE NOT COVERED BY THE CITY! If you decide to offer assistance without being called out by during a city sanctioned event you are doing so as a civilian and assume all responsibility.

You are authorized to use your red warning light while on official CERT call-outs or events and when you are using it according to CERT guidelines. You must be stationary while it is in use. You are only authorized to use it while in the city of Warren. Your light should not be visible outside of the city

Warren CERT has a Chain of Command and every member is subject to follow it. If you ever have any questions or problems bring it to your executive board. No member will email or call a city official concerning a CERT topic without having gone thru the executive board or Emergency Manager.

Under no circumstances should any member attempt to approach or attempt to move any downed wire!

All safety policies and procedures must be followed at all times.

All members, at all times, must exhibit professionalism.

No smoking, indecent or lewd behavior or discussion will be tolerated.

ANY VIOLATION OF THE ABOVE GUIDELINES COULD RESULT IN DISCIPLINARY ACTION, EXPULSION FROM THE CERT TEAM OR CRIMINAL CHARGES.

IMPORTANT INFO

Remember to call 586-960-5315 and leave your name, time arrived, time departed, and what scene or event your calling about!

Please like our Facebook page [Facebook.com/wrncert](https://www.facebook.com/wrncert)

**Don't forget to tell your friends and neighbors, about CERT.
We're always looking for good people.**

[Apply at warrencert.org](http://warrencert.org)

Make sure you continue to receive this eLetter and are signed up to the electronic version of the official CERT calendar.

[Check your texcom.com info to assure its current!](http://texcom.com)

Warren CERT Call-Out Procedures

Warren CERT uses Texcom.com as its primary dispatch and notification system.

All CERT members must be registered with Texcom with SMS (texting) and email. *An exception is allowed for members that do not use texting or email.*

When a call out request is received from an official source the on-duty CERT dispatcher will immediately relay the help request to the members via texcom using text messages and email.

Every message will contain specific details on how to contact dispatch and respond to requests.

Responding parties must respond as detailed in the message.

A request may advise to **call** "Dispatcher Name" at 586-xxx-xxxx.

In this case as stated **call** the dispatcher and advise of availability and interest in responding.

A request may advise to **text** to "Dispatcher Name" at 586-xxx-xxxx.

In this case you must enter the number into your texting/messaging program and enter your response to the dispatcher.

Do not reply to the message you received, it does not go to the dispatcher!

Do not call if the Texcom message states to text to respond!

In all cases, include **your First and Last name** in the response.

The dispatcher will advise of any new updates to the call, information too large to type into the Texcom message, or of a sensitive nature that can't be openly distributed.

The dispatcher may also advise of a CERT Member in Charge (CIC) in charge of the call-out as well as names of other responding members and any preliminary instructions or recommended equipment.

All responding members must report directly to the CIC and follow their directions. With the exception of emergency first aid, members are not to begin response unless directed by Warren CERT. With the exception of emergency conditions members are not to leave the response without checking out with the CIC.

New members will also be advised that they are not to perform any action until the CIC arrives, new members must wait on the side lines, in safe location until given instructions by the CIC or dispatcher.

No member will respond to a call until they have checked in with dispatch!

In all references in the above to dispatcher it refers to the CERT dispatcher, under normal circumstances no contact will be made directly to Warren PD 911 dispatch!

Should a situation or problem develop on a call-out notify CIC immediately. If an emergency develops and CIC is unresponsive or incapacitated notify then notify Warren PD dispatch

Check and update your texcom.com information occasionally. Phone numbers and email addresses do change.

do 1 thing

Being prepared for disasters and emergencies can seem like a big job. Many people don't know where to start, so they never start at all. With Do 1 Thing you can take small steps that make a big difference in an emergency.

Do 1 Thing is a 12-month program that makes it easy for you to prepare yourself, your family, and your community for emergencies or disasters.

Warren CERT is proud to be a partner with do 1 thing. Every month we will be showcasing some of the information from do 1 thing for Individuals and Business's.

Individual:

Power Outage Safety

Goal for October: Be able to safely meet your basic needs during an electrical outage.

We count on electricity for heat, food, and medical needs. Many gas appliances even need electricity to run. A power outage is an emergency that often follows another emergency—like a hurricane, tornado, or winter storm. That makes it even more important to be prepared in advance.

Tasks

Power: Have flashlights ready in an easily accessible place and check batteries in flashlights and radios.

Power: Acquire and learn how to safely use a portable generator.

Power: Create a power outage plan and decide what you can do before, during and after a power outage to minimize the effect on your household.

Read More: <http://do1thing.com/topics/power>

Business:

Emergency Plans

Goal for Step 10: Create emergency and continuity plans that will guide your employees and your business through disaster.

Disasters and emergencies are low-frequency, high-stakes events. Because they don't happen every day it's easy to postpone planning for them. Unfortunately, failure to plan can result in financial loss, injury, and death when emergencies do occur. Planning doesn't have to take a lot of time or resources. Investing a few hours now can save money and even lives later on

Emergency Plans: Create emergency plans for your building.

Emergency Plans: Create contingency plans for your business.

Emergency Plans: Formalize your emergency plan.

Read More: <http://do1thing.com/topics/plans>

Thank You to do1thing <http://do1thing.com/> A Warren CERT Partner

The Pocket Shot

The Pocket Shot is the evolution of the slingshot. Perfect for hunters and recreational use as its tiny size allows you to keep it in your pocket, tackle box, or backpack while storing ammo in its watertight compartment. Up to 350 feet per second, the Pocket Shot is not a toy. Created and built in the USA!



The Store

