

TIPPECANOE COUNTY

T
CARES



WELCOME

MARCH 11, 2010

ALL-MEMBER MEETING

Thanks to our host, Subaru of Indiana Automotive (SIA) for the generous use of their facilities, and to Dan, WA9DDI, for helping make it all happen.



- Let's Keep It Clean – Recycle!
- Leave the room the same way we found it (chairs, tables, etc.)
- No smoking on property (except in the one designated location)

Packet Workshop

15 Attendees

- Excellent presentation by KP4CI on the history of packet and the quirks associated with using older TNCs and transceivers
- Great teamwork and mentoring among the participants!
- Some of the basic packet commands were covered
- Introduction to Outpost Packet Message Manager and its capabilities
- Additional workshop to focus on Outpost and advanced messaging to be considered

ARES Nets

Packet Net

- 22 local hams with packet capability have checked into the net at one time or another (*18 ARES members*)
- To be held once per month to accommodate other “special mode” nets on Mondays at 20:30

2M SSB Net

- To encourage exploration of the capabilities of this mode – once per month after the weekly net

Experimental Nets

- As announced – on available Monday evenings at 20:30

Scheduled ARES Nets

Primary

- Monday, 20:00 – WIRES repeater
- 3rd Saturday, 12:00 – Weekend net, WIRES repeater

Special Mode

- 1st Monday, 20:30 – Packet, 145.050 MHz
- 3rd Monday, 20:30 – 2M SSB, 144.250 MHz USB
- Experimental modes, as announced, likely on the 2nd or 4th Monday, 20:30 – not regularly scheduled

Last Week's Net

“Dual” Check-In Request

- WIRES & TAC-1 (445.500 MHz, 100.0 CTCSS)
- 7 ARES members checked in on TAC-1
- Excellent response for a surprise request!
- Agile – Prepared – Attentive

Unannounced Call on TAC-A

- Done the prior week at about 20:20
- Gold Star for Marty, K9ICQ, who responded!



Highly Recommended Training

FEMA/EMI Independent Study Program Courses

IS-100

IS-200

IS-700

IS-800

DON'T STRESS OUT.

Recommended Self-Study Online Courses

- IS-100 (Introduction to the Incident Command System)
- IS-200 (ICS for Single Resources & Initial Action Incidents)
- IS-700 (National Incident Management System)
- IS-800 (National Response Framework, An Introduction)

As you complete these courses...

Report to Cheryl, K9HER, to update your ARES training records.

ARES Membership Records

What has changed recently?

- Phone numbers ?
- Home or mailing address ?
- Email addresses ?
- Equipment / operating capabilities ?

Please let us know when these change

Report to Cheryl, K9HER, to update your ARES membership records.

Indiana House Bill 1060

- ◆ Many additions - Still no amateur radio exemption
- ◆ Prohibits use of any telecommunications device by drivers of vehicles - not just cellphones – unless it can be operated without the use of either hand
- ◆ <http://www.in.gov/legislative/bills/2010/IN/IN1060.1.html>
- ◆ Chair of the committee that introduced the bill agrees that an exemption for amateur radio is needed if the bill is given a vote

Emergency Travel Ordinance

- ◆ Would ARES members be exempt if called to assist a served agency under a Level 1 Travel Emergency?
- ◆ MAYBE – that’s the best answer for now
- ◆ This topic will be addressed with each served agency and legal counsel consulted for interpretation of this ordinance

Emergency Travel Ordinance

- ◆ REMEMBER: We are NOT first responders. But, we would likely be called to assist a served agency under these circumstances
- ◆ Do NOT assume that as an ARES member you have any special privileges or exemptions from any laws or ordinances – You DO NOT!
- ◆ Until this is addressed with our served agencies, deployments under a Level 1 Travel Advisory will include specific travel information

Contacting TCARES Leadership

- ◆ Radio:
 - ◆ Primary Repeater (WI9RES)
 - ◆ D-STAR Repeaters
 - ◆ 444.300+ MHz, W9ARP B
 - ◆ 146.730- MHz, W9ARP C
 - ◆ TAC-A (145.500 MHz, 100.0 Hz CTCSS)
 - ◆ TAC-1 (445.500 MHz, 100.0 Hz CTCSS)

Contacting TCARES Leadership

- ◆ Email:
 - ◆ EC@W9TCA.com (N9GKE)
 - ◆ AEC@W9TCA.com (to EC and all AECs)
 - ◆ NCS@W9TCA.com (to all designated Net Controls)

Contacting TCARES Leadership

- ◆ Phone (via Google Voice):
 - ◆ **(765) 589-xxxx** (Not for public dissemination)
 - ◆ Will simultaneously ring the personal phones of the EC and some AECs
 - ◆ If no answer, leave a message
 - ◆ FOR OFFICIAL USE ONLY (FOUO)
 - ◆ Not for personal calls
 - ◆ To notify of events that ARES may get involved in
 - ◆ As a means of quickly contacting TCARES officials
 - ◆ Don't be afraid to use it – just don't abuse it

Salvation Army MOU

- ♦ Very close to signing a Memorandum of Understanding (MOU) with the Salvation Army.
- ♦ Thanks to Dave, W9DF, for his efforts as our liaison to the Salvation Army.

What DOES the EC Actually DO?

- ◆ Meets with law enforcement to discuss the Emergency Travel Ordinance, mobile storm spotter considerations, etc.
- ◆ Meets with hospital officials to explain amateur radio and what ARES is and does
- ◆ Meets with officials of the Purdue Half-Marathon to coordinate ARES assistance
- ◆ Makes and answers a variety of ARES-related phone calls
- ◆ Reads and (occasionally) responds to ARES-related emails
- ◆ Makes sure the rest of us don't get into too much trouble by keeping us busy

ARES Freqs on Radio Reference

- ◆ <http://www.radioreference.com/apps/db/?ctid=771>
- ◆ Other recent updates and additions
 - ◆ Hospitals
 - ◆ Schools
 - ◆ Transportation (Railroads, airport, etc.)
 - ◆ Business/Industrial

Welp, how 'bout an exercise?

- ◆ Scenario:
 - ◆ Terrorists have invaded SIA and separated the hams attending the ARES meeting into 2 rooms.
 - ◆ As part of their demands, the terrorists are forcing each group to pass long lists of information to the other room. *(Don't ask why – these are just crazy terrorists.)*
 - ◆ The terrorists leave each room, posting guards outside each door, saying they will return in 15 minutes expecting all the lists to have been accurately passed.

Welp, how 'bout an exercise?

- ◆ Exercise Rules:
 - ◆ You may not physically leave your room.
 - ◆ Yelling between the rooms is not allowed.
 - ◆ FCC rules must be followed.
- ◆ Objective:
 - ◆ Accurately pass as many items on the lists as possible between the 2 rooms within a 15 minute period.

Crazy SIA Terrorists Exercise

Good Luck !

Crazy SIA Terrorists Exercise

- ◆ Was there a clear leader in each room?
- ◆ Were ideas and suggestions on ways to attain the objective asked for or offered?
- ◆ How was communication first established?
- ◆ Was a plan developed on how to efficiently pass the lists of information?
- ◆ Were multiple frequencies used? If so, were HTs programmed with designated tactical simplex channels? Did that make the task easier or quicker to accomplish?

Crazy SIA Terrorists Exercise

- ◆ Strategy:
 - ◆ Establish initial communication between rooms
 - ◆ Utilize multiple circuits for maximum throughput
- ◆ Good Test of:
 - ◆ Leadership / Management Skills
 - ◆ Resourcefulness / Thinking Under Pressure
 - ◆ Preparedness
 - ◆ Accurate, yet speedy, traffic handling ability

Suggested Memory Channel Programming Scheme

2M Single Band
 or Dual-band

Dual-band, shared
 memory channels

VHF

Channel	Contents
1	WI9RES
2	W9YB 2M
3..4	
5	TAC-A
6	TAC-B
7	TAC-C
8	TAC-D
9	CALL 2M

UHF

Channel	Contents
11	KA9VXS/R
12	W9YB 440
13..14	
15	TAC-1
16	TAC-2
17	TAC-3
18	TAC-4
19	CALL 440

Suggested Memory Channel Programming Scheme

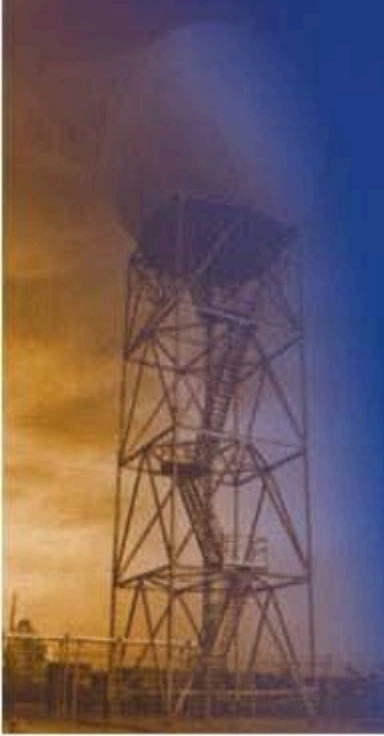
440 Single Band or Dual-band, non-shared channels

Channel	Contents
1	KA9VXS/R
2	W9YB 440
3..4	
5	TAC-1
6	TAC-2
7	TAC-3
8	TAC-4
9	CALL 440

UHF

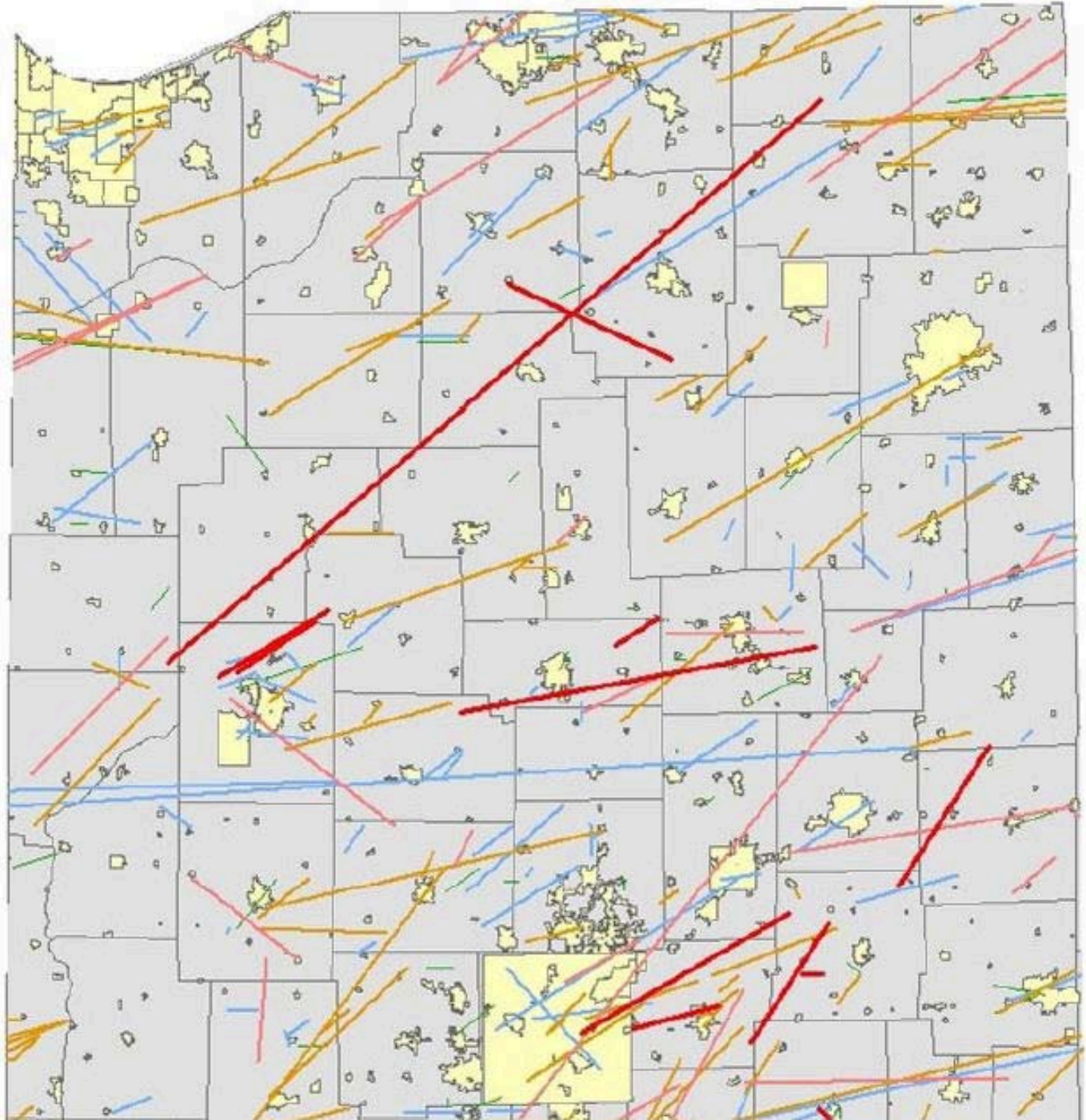
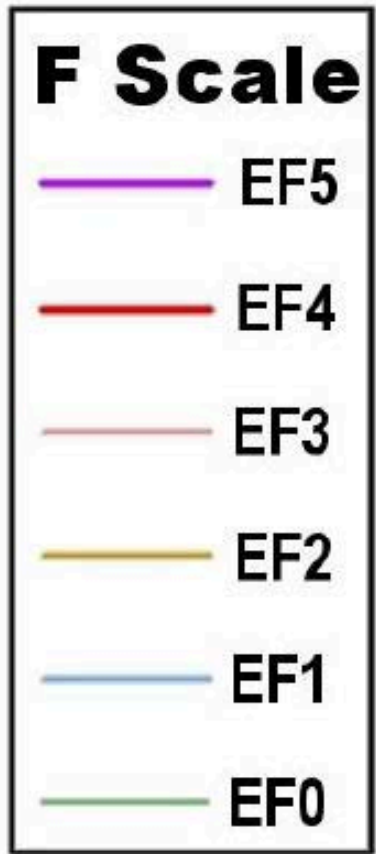
Suggested Memory Channel Programming Scheme

- ◆ Only suggestions – not an official policy
- ◆ If you have a programming scheme you like and are used to – don't change
- ◆ Makes an unfamiliar radio a little less so
- ◆ Still keep a printed list of frequencies, tones, and programmed memory channels with your radio



2010 NWS SKYWARN Spotter Training

- ◆ 20 ARES members attended
- ◆ Most attended last year's session
- ◆ New material (amazing videos, etc.)
- ◆ Thanks to Dave Tucek, Indy NWS



2010 Central Indiana Severe Weather Symposium

- ◆ This Saturday - 8:00 a.m. – 4:00 p.m.
- ◆ Valle Vista Conference Center, Greenwood, IN
- ◆ Registration deadline has passed
- ◆ See you there!

SKYWARN Spotter Locations

- ◆ Looking for locations in Tippecanoe County
- ◆ Clear view to N - NW – W
- ◆ Quick escape route to S or E
- ◆ Will plot designated locations for spotter deployment
- ◆ Not duplicate spotter locations of other agencies
- ◆ Observe all traffic laws when storm spotting mobile!

How Does the ARES Net Liaison Communicate with CISW or NWS?

- Amateur Radio (Preferred / Primary method)
 - KA9VXS repeater link (443.775, 88.5 Hz CTCSS)
 - W9ICE repeater system (146.970, 442.650 – 77.0 Hz CTCSS)
- Telephone to NWS (Secondary method)
 - 1-800-499-2133 or (317) 856-0359
 - Restricted use – spotter reports only – not for general public
- eSpotter Online Reporting System (Last Method)
 - <http://espotter.weather.gov>
 - Does not provide 2-way communication with NWS

SKYWARN Net Updates for 2010

- ◆ ARES Net Condition 4
 - ◆ Automatic when a WATCH is issued
 - ◆ No net will be initiated (*under most circumstances*)
 - ◆ Weather Radio announcement should make everyone aware of the threat condition
 - ◆ WIRES repeater will periodically announce the WATCH
- ◆ Net Controls: Meeting coming soon. Watch your email!

WIRES Repeater Enhancements

- ◆ Special “Weather Net” Repeater Mode
 - ◆ Net Controls will activate as necessary
- ◆ Weather Radio now connected to controller
 - ◆ Allows RF traffic to over-ride any weather radio transmission
- ◆ On-demand weather radio access
 - ◆ 4* to activate for one-minute
 - ◆ Another 4* will restart the one-minute timer
 - ◆ 14* to deactivate immediately
- ◆ Audio levels adjusted to match normal RF traffic and controller-generated speech

Severe Weather Preparedness Week

- ◆ March 14-20 (next week)
- ◆ Statewide communication system test (a.k.a., tornado test)
 - ◆ Wednesday, March 17
 - ◆ 10:15-10:30 EDT
 - ◆ 19:30-19:45 EDT
- ◆ ARES SKYWARN Nets will be held in conjunction with both morning and evening tests
- ◆ If severe weather threatens the area on Wednesday, the test will be postponed until the next fair weather day
- ◆ CISW nets will also be held during these tests. Liaison will pass net check-in counts (base, mobile) to CISW.
- ◆ **This is the time to verify that you, your family, and your equipment are prepared for storm season!**

Daylight Savings Time

This weekend!

1:00 – 2:00 a.m. Sunday morning

Spring forward one hour

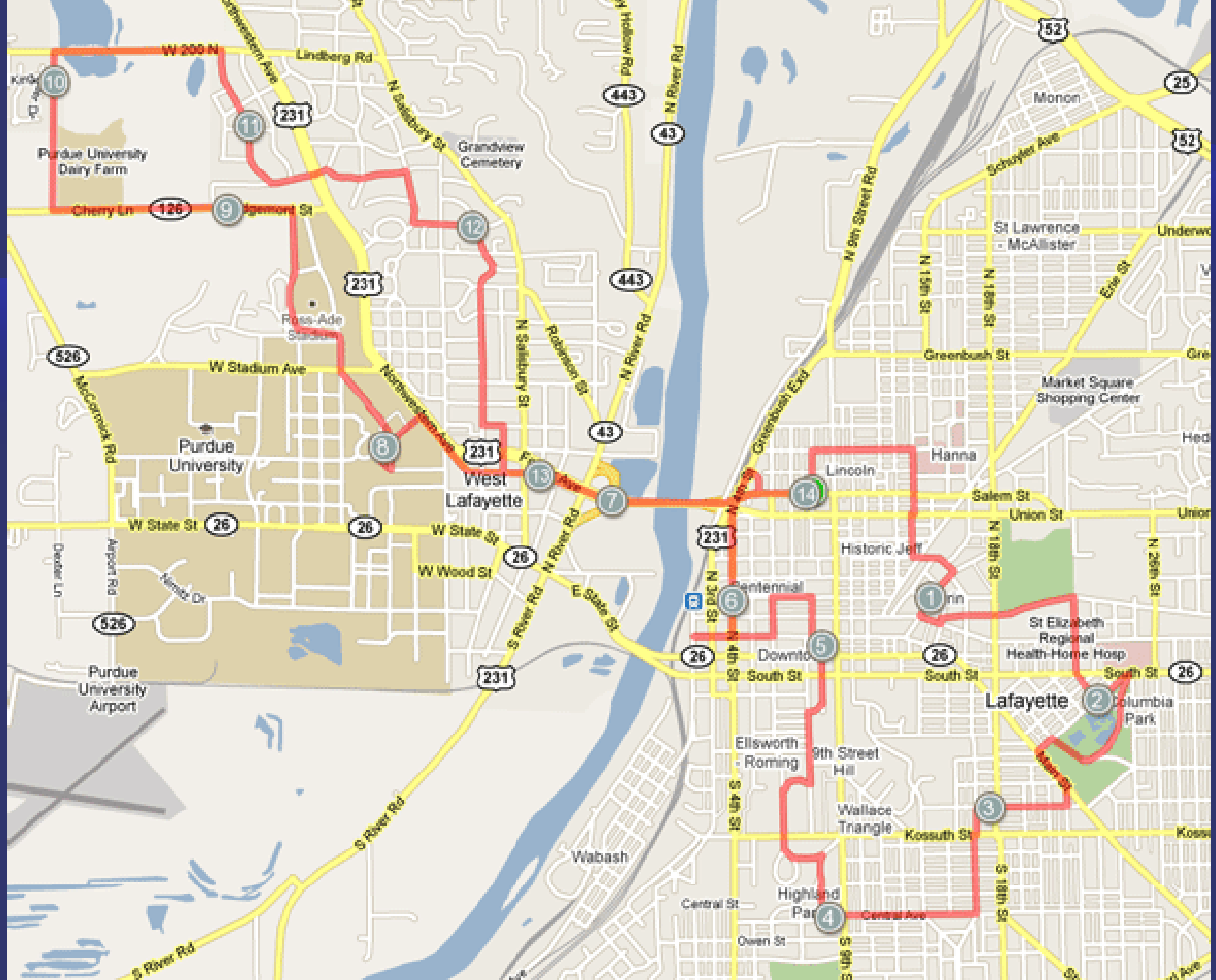
GMT / UTC / Zulu time does NOT change

Upcoming Events

- ◆ March 14 – DST begins
- ◆ March 17 – Statewide Tornado Test
- ◆ May 14-16 – Dayton Hamvention
- ◆ June 26-27 – ARRL Field Day
- ◆ July 10 – Indianapolis Hamfest
- ◆ August 15 – Lafayette Hamfest

Home of Purdue Half Marathon

- ◆ October 23-24, 2010
- ◆ Part of a 15-city nationwide USRA Half Marathon Series
- ◆ “Fun Run” on Saturday
- ◆ Half Marathon event on Sunday (8am)
- ◆ Several hundred to a few thousand participants are expected
- ◆ <http://www.homeofpurduehalfmarathon.com/>



New Version of NBEMS

- ◆ Narrow Band Emergency Messaging System (NBEMS) – fldigi, flarq, wrap
- ◆ fldigi - new version 3.12.5
- ◆ Will not work in Windows 98 (only XP and later)
- ◆ Also for Linux, Free-BSD, and Mac OS-X
- ◆ <http://w1hkj.com/>