

2011 Simulated Emergency Test Results



Mike, KT1Q, maintains contact on the K1SV repeater (145.835 MHz) from Carpenter Hill in Bennington, Vermont, as part of District 5's SET. [photo courtesy Robin Conway, N1WWW]

A toxic cloud, winter winds and wildfires bring realism to SET "disasters."

communications. The search locates one student nearby. As darkness falls, the command center receives a message that the second student has been located.

The simulated emergency exercise took place over a 2 day period. It involved over 20 Amateur Radio operators from both Saginaw and Midland counties and many local served agencies. Saginaw County ARES serves a community of 200,000 residents and is supported by the Saginaw County Emergency Management department and the Saginaw County Emergency Preparedness council.

Winter Blast Exercise

*Marina Zuetell, N7LSL
Assistant Section Emergency
Coordinator, Western Washington
Medical Services Communications*

The "Winter Blast" scenario was designed to test response plans for inclement weather events. It focused on issues related to snow, transportation, power outages and reverse surge. Most hospitals in King County (Washington State) participated in the exercise and supported the King County Healthcare Coalition at a regional level.

On October 18, 2011, at 7 PM, the scenario began with a storm front hitting the Pacific

Northwest. It brought winds up to 50 mph and below freezing temperatures. It had been raining for several days and snow was expected as well as power outages throughout the Puget Sound area. By 8 PM, winds reached 60 mph and 30% of the county was without power with several hospitals using generators.

During the exercise, 29 Amateur Radio operators supported 10 hospitals, the Puget Sound Blood Center, the Crisis Clinic and the Seattle EOC. The radio message traffic was very good at those hospi-

Steve Ewald, WV1X

The 2011 ARRL Simulated Emergency Test again demonstrated that Amateur Radio operators are prepared to provide an effective and efficient response to emergencies — whatever they are and whenever they occur.

The following summaries are representative of the many detailed reports we received. These stories — and the statistical reports that follow — help demonstrate your overall commitment to emergency communications as an individual Amateur Radio operator. It also includes all who are active members and leaders of the ARRL Field Organization, ARES®, RACES, SKYWARN, National Traffic System and many other allied groups who have been called to serve.

A Beautiful Day for a Science Fair

*Ronald Huss, KC8YVF
EC, Saginaw Co, Michigan*

It's a beautiful Saturday morning in October as the chemistry department from the local high school in Saginaw, Michigan, prepares for a community exhibit and fair. Dozens of parents and students arrive just before 10 AM and congregate in the cafeteria. The exhibits show many projects the students have worked on during the semester and everyone is enjoying the day.

Some of the students are performing a live demonstration when something goes wrong. The chemicals overheat and an explosion sends a cloud of gas throughout the cafeteria. Many people, overcome by fumes,

began collapsing on the floor. Some make it out of the building gasping for air, an emergency alarm is sounded and 911 is called.

Within moments, the first police officer arrives and is overcome by the fumes. As additional police, fire rescue units and the hazmat team arrive, the evacuation and decontamination of the victims begins. The local hospitals are notified of the number of victims and the EOC is activated to coordinate the efforts. Buses are brought in to transport the walking wounded to the hospitals. Amateur Radio is requested.

Ron Huss, KC8YVF, EC of Saginaw County ARES, begins the call-up and members of the ARES team report to the Red Cross. Assistant EC Dave, N8ERL, assigns operators to the incident scene, hospitals, EOC and other locations to provide communications and tracking of the buses. The health department is contacted to analyze the effects of the chemical exposure and advise the hospitals.

As the buses arrived at one local hospital, two students disappear and are feared lost in a nearby wooded area. A police search and rescue team is dispatched to the scene. Amateur Radio provides search

2011 SET Top Ten

Section	Points
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ARES Activity

Georgia	5878
Alabama	3054
Wisconsin	2933
Michigan	2767
South Texas	2588
Ohio	1687
Indiana	1540
Connecticut	1465
Western Pennsylvania	1318
Southern Florida	1076

Section/Local Nets

Wisconsin	1984
Georgia	1845
Connecticut	1779
Ohio	1149
Michigan	661
Southern Florida	554
Western New York	461
Vermont	366
Western Pennsylvania	302
West Virginia	292



George Deaton, N8NPW, operates from the Red Cross EOC in Saginaw to support the chemical explosion drill. [photo courtesy Ronald Huss, KC8YVF]

tals that were participating. The equipment all seemed to work fine and the equipment inventory (which was one of the event's objectives) was mostly successful.

Wildfire SET

Hubbard H. Harvey, Jr, N4HUB, EC, Jefferson County

In Jefferson County, Alabama, the winds were strong, but the sky was blue as people tried to put the horror of April 27, 2011 storms out of their minds. After all, this was no ordinary Saturday. October 1, 2011, was to be a day without the sounds of chainsaws, heavy equipment and carpenters rebuilding neighborhoods. The universities of Alabama and Auburn's football teams were playing on national television that afternoon. Like many others, Jim was spending the weekend relaxing at Tannehill State Park in Southwestern Jefferson County, dreaming of another BCS Championship for Alabama. As his mind wandered, he didn't notice the

ember blown from his campfire into the nearby woods.

The low humidity of an unusually dry fall combined with drought conditions to create the perfect storm. As the fire quickly got out of hand, the Jefferson County Emergency Management Agency and local public safety crews responded. With winds reaching 40 mph, the simulated fire quickly spread north and east into the area of dry trees left by the April 27 storms. The projected course of the fire took it directly into some of the most populated areas of Bessemer and Birmingham. Jefferson County ARES

(JeffCoARES) Amateur Radio volunteers were prepared and responded immediately as critical communications infrastructure became inoperable. As the fire destroyed homes and businesses, it also cut off major roadways, limiting the ability of first responders to get ahead of the raging inferno. ARES leadership worked with the State Forestry Commission and numerous disaster relief agencies to coordinate staging areas for equipment and supplies.

Southern Baptist Disaster Relief deployed feeding units, chain saw teams and others to church staging areas outside the projected path of the wildfire. Amateur Radio operators deployed to each of these locations to provide communications to the effort. Local community centers, such as fire stations, churches, schools, etc, became makeshift

shelters (for people and pets), supply depots and centers for reliable communications through ARES.

The Healthcare Community Amateur Radio Club (HCARC) provided their station at UAB Hospital (University of Alabama at Birmingham) to serve as the Emergency Communications Center. JV Martin, W4JVM, JeffCoARES AEC and David Gillespie, W4LHQ, AEC served as net control stations from this location. Alex Davies, W4AVD, AEC, deployed to the Jefferson County EMA/EOC. The Birmingham Amateur Radio Club (BARC) provided equipment, repeaters and personnel. The Sylvan Springs Amateur Radio Club (SSARC), Cahaba Radio Club and the North Shelby Baptist Church Disaster Relief Ministry (NS4BC) all provided much needed operators and equipment. When the day was done, over 100 ARES volunteers had provided communications support to over 80 served agencies in 82 communities. Thankfully, the Jefferson County ARES Wildfire SET 2011 was just a drill.

2012 SET On the Schedule

October 6-7, 2012, is the main weekend for this year's SET, although many sections and local Emergency Coordinators have the option of conducting their exercises on a different date, if needed. Please contact your local ARRL Field Organization leaders to find out specific dates, times and potential plans for the Simulated Emergency Test in your area. Thank you!

For an explanation of SET scores, log onto www.arrl.org/public-service-field-services-forms and click on SET SCORE CARD.



ARES Activity

Area	Reporter	Points	Section Points	Area	Reporter	Points	Section Points
Atlantic Division				Indiana 1540			
Eastern Pennsylvania			915	Wayne Co	W1IDX	235	
Montgomery Co	NE3I	915		Vanderburgh Co	WB9EFH	218	
Maryland-DC			161	Tippecanoe Co	N9GKE	210	
Anne Arundel Co	N3SEO	161		Clark Co	N9TV	170	
Southern New Jersey			249	Allen Co	KB9WWM	113	
Cumberland Co	N2MHO	185		Howard Co	N9LRO	109	
Atlantic Co	N2JVM	64		Gibson	N9LJA	95	
Western New York			286	Starke Co	KC9ISJ	81	
Chenango Co	K2DAR	286		Hamilton Co	WA0JTL	79	
Western Pennsylvania			1318	Whitley Co	KA9HLE	71	
Cambria Co	K3WS	272		Jackson	KC9MVK	64	
South Zone, Dist 2	KA3UDR	262		Harrison	W9WXN	60	
Erie Co	WX3E	230		Shelby Co	KB9ZYC	18	
Beaver Co	N3TN	108		Jennings Co	KC9RLC	17	
Indiana Co	KB3JOF	94		Wisconsin			2933
McKean Co	KB3SVH	92		Dunn Co	KB9ULF	680	
Blair Co	KA3EJV	91		Racine, Kenosha Co	KB9MMA	644	
Huntington Co	N3OGT	91		Milwaukee	WB9DDQ	222	
Washington Co	N3IDH	78		Polk Co	KC9NVV	178	
Central Division			507	Ozaukee Co	AB9ON	166	
Illinois				East Central	N9TBM	152	
Will Co	N9JH	125		Jefferson Co	KC9IKI	139	
Lake Co	K9DRW	115		Brown Co	N8KQS	122	
Hancock	KA9FAG	112		Douglas Co	W0NVW	115	
Williamson	WA9APQ	96		Pepin Co	WB9NTO	108	
Piatt Co	KA9SZW	59		Fond du Lac Co	W9GPI	106	
				Washington Co	KC9KSN	102	
				Washington Co	WB9BVB	87	

Area	Reporter	Points	Section Points	Area	Reporter	Points	Section Points
Price Co	AG9G	46		Jasper Co	WV1Q	160	
Kewaunee Co #2	W9JFM	44		Itawamba Co	KB5NMB	129	
Kewaunee Co #1	W9JFM	22		Panola Co	KE5WUN	110	
Richland Co	W9MZ	written report		Tennessee			992
Dakota Division				Jefferson Co	W4DOD	281	
South Dakota			569	Bradley, Polk Co	KD5UBL	278	
Sullivan Co	W1KRT	147		Marion, Sequatchie,	KE4IDH	144	
Pennington Co	WA0VKC	116		Bledsoe Co			
Meade Co	N0MHJ	72		DeKalb Co	KC4GUG	136	
Custer Co	W0FUI	68		Gibson Co	W0SPZ	84	
Lawrence Co	KC0ZDA	68		District 9	KJ4HKE	69	
Butte Co	KG0GG	64		Great Lakes Division			
Yankton Co	WA0GMH	34		Kentucky			645
Delta Division				Hardin Co	W8WN	437	
Arkansas			93	Jessamine Co	KA3WOD	208	
Pope Co	W5RZ	93		Michigan			2767
Louisiana			103	Muskegon Co	K8COP	365	
Allen Co	W5ELM	103		District 8	WW8O	355	
Mississippi			850	Saginaw Co	KC8YVF	345	
DeSoto Co	KD5VMV	237		Mecosta Co	KB8TYJ	306	
Lauderdale Co	AE5FE	214		Allegan Co	AB8SF	274	
				Monroe Co	K8MLH	231	

Area	Reporter	Points	Section Points	Area	Reporter	Points	Section Points	Area	Reporter	Points	Section Points	Area	Reporter	Points	Section Points
Branch Co	WB8R	219		Region 5 Danbury	W1QH	139		South Carolina			368	Northern Florida			84
Benzie Co	K8BTE	196		SKYWARN (E CT)	KB1DGY	66		Berkeley Co	K4AOC	156		Escambia Co	AJ4NA	84	
Grand Traverse Co	K8RCT	178		Region 3 EC	KB1PRP	36		Anderson Co	N4SZ	117		Southern Florida			1076
Hillsdale Co	KC8RYF	93		Bethel	KD1YV	31		Abbeville Co	KL7FO	95		Palm Beach Co	WA4AW	554	
Livingston Co	N8WXX	91		Maine			252	Virginia			535	Broward Co	KJ4AWB	522	
Ontonagon Co	KC8OCK	80		Washington Co	N1DP	131		Prince William	KG4GIY	224		Southwestern Division			282
Presque Isle	WB8TQZ	34		Androscoggin	N1OXA	121		City of Hampton	KC4F	180		Orange			282
Ohio			1687	New Hampshire			419	York Co;				San Bernardino Co	KJ6KMN	163	
Erie Co	K8HLH	417		W Rockingham Co	KA1UVH	310		Poquoson City	WB4UHC	131		Riverside Co	KI6WNF	146	
Greene Co	W8LLY	286		Merrimack Co 3	K1PJS	109		James City Co	KC4CMR	113		West Gulf Division			372
Seneca Co	WB8REI	277		Mt Washington Valley	KB1IIR	81		Norfolk City	W4NMH	107		North Texas			372
Huron Co	KB8DNA	175		Rhode Island			101	West Virginia			186	Wichita Co	KE5KNV	372	
Shelby Co	N8KZL	136		South Kingstown	W1XX	101		Kanawha Co	KB8YZT	186		Oklahoma			233
Guernsey Co	W8FHF	134		Vermont			372	Rocky Mountain Division			125	Altus	W5DRN	98	
Miami Co	WB8PMG	105		District 1	W4YFJ	149		New Mexico			54	Beckham Co	KA5BSA	91	
Tuscarawas Co	KD8EKN	80		Bennington Co	N1GWL	68		Santa Fe Co	N4VIP	125		Rogers Co	AD5PE	44	
Summit Co	A18P	77		Addison Co	N1WVW	55		Wyoming			3054	South Texas			2588
Hudson Division				District 8	WK1L	34		Weston Co	KD7ZUP	54		Travis Co	AC5YK	273	
Eastern New York			116	Rutland Co	N1UKK	26		Southeastern Division			372	Travis Co	K5FX	265	
Albany Co	K2QY	116		District 2	K3BRJ	22		Alabama			5878	Williamson Co	K5HTK	235	
New York City/Long Island			516	District 8	KA1ZQX	18		Jefferson Co	N4HUB	2166		Arkansas,			
Babylon	W2HCB	425		Northwestern Division			907	Tuscaloosa Co	WS4I	512		San Patricio Co	K5BV	215	
Huntington	WB2ULA	91		Western Washington			208	Butler/Lowndes Co	W4WE	211		Webb Co - Dist 13	KE5CVT	171	
Northern New Jersey			208	Pacific Co	N7CVW	423		Talladega Co	W4LVT	165		Nueces Co	W2MY	144	
Monmouth Co	N2SMV	147		Dist M, Medical Svcs	N7LSL	270		Georgia			5878	NE Harris Co	KE5MSE	134	
Englewood	W2CC	61		Grays Harbor Co	N7UJK	214		Hall Co	AA4BA	1924		Cameron Co	K5REW	131	
Midwest Division			179	Pacific Division			473	N Fulton Co	W4UOC	533		Leon Co	WSUOK	108	
Iowa			117	Nevada			134	Crawford Co	WB4NKH	513		Waller Co	WSKAM	101	
Mills Co	W0ZWV	117		Southern Nye Co	KC6ILH	134		Houston Co	KJ4PEI	349		Live Oak Co	W5JM	89	
Des Moines Co	N0EJD	62		Pacific			473	Lauren Co	KF5TA	331		Burnet, Llano Co	KA5GIL	87	
Kansas			133	Hawaii Civil Defense	AH6RH	366		Chatham Co	K4GTM	293		Galveston Co	WB5UZZ	86	
Riley, Clay, Geary Co	W0PBV	133		Maui Co	KH6H	107		Clayton/Henry Co	AJ4GT	271		Harris Co	KE5FGA	80	
Missouri			382	Sacramento Valley			658	Gwinett Co	WB4QDX	268		Dist 14 - SW	AE5JY	72	
Jackson Co	K0UAA	207		Section wide	WD6FXR	658		Thomas Co	N4KXL	265		Liberty Co	N5WWS	67	
St Louis Co	KC0QMU	175		Santa Clara Valley			554	Newton Co	WA4UJC	211		Bexar Co	K5AUW	65	
Nebraska			112	Monterey Co	W6DNE	248		Gordon Co	AF4DN	201		Hidalgo Co	N5SIM	64	
Lancaster Co	K0GND	112		San Mateo Co	W6LJB	201		Butts Co	K3GWK	193		Atascosa Co	KF5DZI	52	
New England Division			1465	San Benito Co	W6TST	105		Washington Co	K4GK	155		Kerr Co	WB2PCV	50	
Connecticut			554	San Joaquin Valley			57	Putnam/Greene Co	KF4EOH	109		Jasper Co	K5DDM	42	
SKYWARN (N CT)	K1SJW	554		W Kern Co	W7FYV	57		Liberty Co	KT4KH	94		Guadalupe Co	N5RXS	28	
Region 5 DEC	K1DAV	170		Roanoke Division			912	Troup Co	AD4GS	79		Willacy Co	KB0VWG	19	
Region 4 DEC	K1EMD	163		North Carolina			566	Morgan Co	KM4LS	53		Dist 10	KW5AS	10	
Region 2 DEC	WA1SFH	154		Cleveland Co	K4ZXX	566		Dodge Co	KC5AVR	36		West Texas			162
Region 5 EC	KB1TOR	152		Pitt Co	KG4CZV	211						Brewster Co	N5DO	162	
				Buncombe Co	K4BNP	135									

Section/Local Nets

Area/Net Name	Net Mgr	Points	Section Points	Area/Net Name	Net Mgr	Points	Section Points	Area/Net Name	Net Mgr	Points	Section Points	Area/Net Name	Net Mgr	Points	Section Points
Atlantic Division				Brown Co	KC9OIS	42		Missouri			143	Bennington Co	KB1ODM	38	
Southern New Jersey			41	Kewaunee Co #1	W9JFM	20		Jackson Co	K0UAA	72		VT ARES 40 M	WK1L	34	
NJ Phone Net	W2CC	41		St Croix Co	N9YX	10		St Louis Co	KB0H	71		Addison ARES 2 M	WA1NRA	32	
Western New York			461	Delta Division				Nebraska			102	Mt Mansfield VHF	W1OKH	28	
OCTEN	KA2ZNZ	162		Mississippi			55	E Nebr 2 Mtr	KN0RKY	102		VT ARES 2 M	KA1ZQX	19	
CARES	K2DAR	156		S Central SKYWARN	WV1Q	55		New England Division			1779	Northwestern Division			25
Western District Net	KB2DQ	109		Tennessee			253	Connecticut			1779	Western Washington			25
NYS/M	WA2IAX	34		Jefferson Co	K2HYQ	157		CT Packet, 2	K1HEJ	307		Auxiliary EmComm	W7EOC	25	
Western Pennsylvania			302	DeKalb Co	KC4GUG	96		CT Packet, 1	K1HEJ	254		Pacific Division			221
Cambria Co	KB3WDN	123		Great Lakes Division			661	WESCON- Special 1	KB1NMO	111		Pacific			221
Regions 1-4	W3KWH	67		Michigan			661	WESCON-Special 3	KB1NMO	107		Hawaii SCN-HF	AH6RH	116	
Beaver Co	N3TN	53		Saginaw Valley ARA	KC8YVF	187		Region 2, Net 1	WA1SFH	96		Hawaii SCD-VHF	AH6RH	90	
Indiana Co	KB3JOF	33		Mi VHF Tfc	AC8AR	139		Region 2, Net 3	WA1SFH	93		Hawaii SCD-UHF	AH6RH	15	
Blair Co	KA3EJV	26		Benzie Co ARPSC	K8BTE	96		WESCON	KB1NMO	88		Roanoke Division			196
Central Division				QMN	K8AE	78		WESCON-Special 2	KB1NMO	85		North Carolina			196
Illinois			55	Monroe Co	K8MLH	70		Nutmeg VHF	KB1RQG	65		Shelby ARC VHF	N4HAW	196	
Lake Co	K9DRW	55		SEMTN	WB8WKQ	48		CPN, 1	N1DIO	61		West Virginia			292
Indiana			125	Michigan Digital Tfc	N8FVM	30		CPN, 2	N1DIO	61		Kanawha ARES	W8GT	292	
Wayne Co	W1IDX	95		GLETN	K8VFZ	13		CPN, 3	N1DIO	54		Southeastern Division			80
Harrison Co	W9WXN	30		Ohio			1149	Region 2, Net 2	WA1SFH	53		Alabama			80
Wisconsin			1984	OSSBN	WB8SIQ	552		Region 2, Resource	K1EIC	53		Talladega Co	KI4TEC	80	
Wood Co	N9VC	415		NW OH ARES	N8TNV	165		Nutmeg VHF, 2	KB1RQG	52		Georgia			1845
RCARS	KB9MMA	385		ARES/FARA	N8FMJ	137		CPN, Regular	N1DIO	28		ARES Statewide HF	K4GK	1546	
ARES/RACES Net	W9HDG	246		Shelby Co	KC6NLX	102		ECTN, Special	W1MCT	27		Easter Co	W4WQK	141	
Dunn Co	KB9ULF	160		Huron Co	KB8DNA	100		ECTN, 2	W1MCT	21		SCARC POD	AF4FS	87	
Polk Co	KK9MC	108		Clark Co	N8NSD	57		ECTN	W1MCT	18		Newton Co	WA4UJC	71	
Badger Emerg Net	WD9FLJ	97		Seneca Co	WK8REI	36		CN	WA1GGN	14		Southern Florida			554
Eau Claire	W9RLL	84		Hudson Division				Maine			185	Palm Beach Co	WA4AW	554	
OZARES	AB9QN	79		Northern New Jersey			41	ME EmComm	K1HZU	185					
Jefferson Co	KC9IKI	65		NJ Phone Net	W2CC	41		New Hampshire			276				
NW WI ARES/RACES	W9WS	64		Midwest Division				W Rockingham Co	KA1UVH	145					
Milwaukee ARES	WB9ODQ	57		Kansas			114	Merrimack Co	K1PJS	131					
Walworth Co	KC9KSN	52		KS Sideband/				Vermont			366				
Washington Co ARES	AB9VH	52		Phone Net	N0KFS	114		VEPN	W4YFJ	109					
Kewaunee Co #2	W9JFM	48						440 Net	K1WAL	106					