



Buffalo County Emergency Management 2011 Year End Report



June 20th 2011 Tornado Damage

INTRODUCTION

Looking back on 2011 one might think that it was a pretty quiet and slow year for Emergency Management in Buffalo County. Although it might seem that way that couldn't be further from the truth. 2011 started with a continuation of flooding from 2010 along the Platte River. Buffalo County went from ice jamming on the Platte River to large flow releases from Kingsley Dam causing flood watches, Flood Advisories and Warnings all the way through June. March through June the Emergency Management Office in Buffalo County was instructed to start the planning for a 100 year flood event within Buffalo County and the City of Kearney. A 100 year event would put the city of Kearney under and in flowing water all the way up to 8th street and in some areas to 11th street. Flooding response and planning activities took place from December of 2010 through June 2011.

June and July were the busiest and most destructive months for the year for severe weather activity. Between those two months, the Buffalo County saw high winds, flooding, hail and several tornados. May 30th produced tornadic activity and 90 plus mile per hour winds throughout Buffalo County with wide spread damage from trees, power lines, power poles, and outbuildings being damaged and or destroyed. June 20th produced 8 tornados within Buffalo County in the Elm Creek, Amherst, Pleasanton and the Ravenna areas. The largest tornado was a high rated EF-3 that caused most of the damage. This tornado set down just north of Elm Creek and lifted just northwest of Amherst. This tornado left a destructive path of over $\frac{3}{4}$ of a mile wide. Many homes, farmsteads, pivots, outbuildings, trees, power lines and power poles were damaged or completely destroyed. July 10th produced high winds of 70 and 80 plus miles per hour which again caused power pole and line damage and destroyed 4 trailer homes. October 7th produced tornado warnings and 8 plus inches of rain in areas of Buffalo County causing flash flooding in low lying areas and street flooding in Elm Creek, Kearney, Amherst, Gibbon and Shelton. The EOC was opened, staffed, and operational 15 different times in 2011 due to weather related events. The June 20th tornados, and the damage they caused, resulted in a Federal Declared Disaster for Buffalo County. There were a total of 84 watches, warnings and advisories for the 2011 year. This does not include the flood advisories, watches, and warnings that were an everyday occurrence from January to June. This is quite a bit higher than the very mild year we saw in 2010 that had a total of 61 warnings and watches for the year.

Winter temperatures were average to slightly higher than average; however, 30 days were recorded in the single digits, with 12 of those days being 0 or below, all recorded in December, January and February. January recorded the coldest day of the year at -13. There were 6 winter weather advisories or storms in 2011; three in January, two in April, and one in December. January produced approximately 21 inches of snow, February approximately 6 inches of snow, March approximately 15 inches of snow, April approximately 2 to 4 inches of snow, and in December there was approximately 4 to 6 inches of snow.

Several Exercises were completed over the last year as well as a Mass Decontamination and Mass Casualty full scale exercise.

As always throughout the year, grants have kept the Emergency Management office busy in 2011. Homeland Security Grant allocation purchased regional assets for the South Central PET region. One more remote control robot was purchased for CERT/ESU team in Lincoln County. The Air Cards purchased for Law Enforcement and Emergency Management within the region were renewed. Communications grants were initiated and or completed for the Interoperable Communications Project for the state, the State Patrol Interoperable Communications Project, the CEBN Law Enforcement Escape Masks, and the public education campaign. All Homeland security grants through 08 have been completed and closed out. The Emergency Management Performance Grant (EMPG) was transferred to electronic form into the GMS program. This actually involves a little more work by the Emergency Manager at the local level. This grant is always evolving and changing. This last year was no different over the prior years with the addition to and change of requirements that have to be met at the local level to receive this grant.

The Regional Public Education campaign for Emergency Preparedness finally started moving forward this year and continues to be a number one priority for this office. Speaking engagements were completed as well as PSA's for radio and TV. This is a mandatory requirement for the Emergency Management position across the state. We continue to strive to do a better in this area and with the implementation of the Region Public Education campaign using 2010 Homeland Security grants, it will help the region improve in this area.

There were three hazardous material spills that required minimal response needing minor cleanup or mitigation over the last year. All were diesel fuel spills due to accidents. March 17th approximately 140 gallons of diesel was spilled at mile marker 283 on Interstate 80. August 30th a D-9 Caterpillar Dozer fell into a sand and gravel pit that was being filled for the Interstate overpass project. This accident also ended in a fatality of the operator. And then on October 6th, there was a bus and 2 semi accident on the Interstate at mile marker 287. This was also a diesel spill and a mass causality incident. Reports were completed by this office and forwarded to the appropriate state agencies for all incidents.

This annual report will highlight the major activities of the Buffalo County Emergency Management office. It is not inclusive of the everyday meetings and activities of the Emergency Management Office for Buffalo County.

Emergency Management Concept

The four phases of comprehensive emergency management are mitigation, preparedness, response, and recovery. Each phase results from the previous one and establishes the requirements of the next. This past year the City of Kearney/ Buffalo County Emergency Management Office continued to focus on all four phases not only in training but real life emergency incidents.

The EOC (Emergency Operations Center) was opened what seemed like almost every day throughout the winter, spring, and summer months of 2011. Some of this comes from the second phase Justice Center project and being at the EOC for several months overseeing this project for the Sheriff's office; however, much of this was due to planning for flooding, winter weather and late night thunderstorms and tornado warnings as well as recovery for storm damages throughout the county. All EOC operations were handled at the lowest Emergency Management level and were never operational through one full operational period. Most all activities from the EOC on weather and Fire/Hazmat events were coordination efforts among first responder agencies and outside jurisdictions as well as acquiring needed resources at the request of first responder agencies.

The Emergency Management Office continues to partner with many community groups and agencies involved in the area of public safety. In the year 2011, it was involved with the Buffalo County Mutual Aid Association to work countywide with fire, EMS, and law enforcement and with the Midway Amateur Radio Club to coordinate with the ARES members that serve as storm spotters as well as involve them in the new Amateur radio room in the EOC providing better communications during emergency events. The Technician Level Hazmat Team continues to operate with the Emergency Manager serving as the administrator of this team. \$5,000.00 was added to the Emergency Management budget for support in the 2010/2011 fiscal year. This funding has proven to be very beneficial to sustain this vital response team for Buffalo County.

The 22 county (CNRI) Central Nebraska Regions for Interoperability has been an interoperable communications region since 2004. The committee has gone through some restructuring over the last year. I have stepped down as the Chairperson of the group as well as stepping down from the N-COR executive group appointed by the Governor. The CNRI group has become a Law enforcement group over the last year for the region for communications as well as focusing on Homeland Security grant project funding for Law Enforcement. Chief Larry Thoren from Hastings PD was elected as the new Chairman of the group.

(COAD) Community Organizations Active in Disasters was developed in the Buffalo County/Kearney area in 2006 and continues to go strong with its fifth annual Public Safety Awareness Day event held at the Hill Top Mall. This year it was held on September 10th. The COAD group met quarterly over the last year. A notification callout list was developed for this group to improve the notification process for

emergency response. This callout list is also used for administrative purposes as well as meeting reminders etc. It has become difficult to keep members of this group involved in meetings and planning groups over the last year. It was thought that if we not hold meetings and exercises for a while, it might rejuvenate the members for the COAD group next time we come together. We will have to see how this work.

(TRMRS) Tri-City Rural Medical Response System was developed in 2004, and in 2008 developed a group called the MRC (Medical Response Corp) for Central Nebraska. Both groups continued to work on vital plans for emergency response and recovery in 2011. The TRMRS interoperable communications for the 18 hospitals and has, for the most part, been completed. Testing and exercising is conducted on the Med-4 channel monthly. Work continues on the development of the EOC Medical Table Plan which is designed to track patients from the incident location to the hospital or clinics, and provide information to family members at a Family Assistance Center. The Family Assistance Center Plans are also being worked on as well. This plan is to assist family and friends of victims in a large scale incident providing information on where, what, when, and who to the incoming family members. Both plans are expected to be completed in 2012. The MRC group has undergone a change of the coordinator position in 2011. More work has been accomplished under the new coordinator in the last 6 months than had been over the last 3 years. It is a welcome change to see this project move forward and be more response ready than it ever has been. It was claimed that there were more than 120 volunteers from the previous coordinator; however, the new coordinator has contacted all of the listed volunteers for the MRC and found that there is actually about 40 volunteers that would be willing to respond to a large incident in the TRMRS region. The Medical Response Trailer has been received and medical supplies have been stocked in the trailer. Additional supplies have been identified and response plans are under development for 2012.

The CERT (Citizen Emergency Response Team) program was started in a regional area to include Buffalo County in 2006. The CERT program continues to assist with public education within Buffalo County through promotional items and advertisement spots. CERT training continues throughout the South Central Planning Exercise Training Region; anyone interested in the CERT program in Buffalo County can take the training within the region. The Buffalo County Emergency Management office continues to take full advantage of the regional CERT program and its other educational programs.

Buffalo County Emergency Management continues to work with Two Rivers Public Health. Planning for Sub-Hub operation and using and distributing the Chem-Packs and as well as receiving the National Stockpile from the CDC. These programs continue to be a high priority for our two agencies. We also continue to work together on other projects such as COAD, TRIMRS, Emergency Response ID system, and identifying the special needs populations. A new ID card printer was purchased by the Buffalo County Emergency Management department this year.

Kearney and Buffalo County were placed under Severe Thunderstorm / Tornado watches or warnings 78 times, 6 winter weather advisories and was in flood and or flash flood advisories / warnings from December of 2010 to almost June of 2011. Buffalo County was below average rain fall for the year by about an inch. However there could be up to 3 inches of precipitation, if not more, unrecorded as this precipitation came in the form of snowfall. Snowfall is not recorded by the recordings devices as precipitation. Buffalo County and the Kearney area had received normal to above normal rain fall for several years removing the county from the drought status that it had been in prior to 2007. Precipitation recorded from 2007 to present date is as follows: 30.37" of precipitation in 2007, and 36.13 inches for the 2008 year, and between 19 and 22 inches of precipitation in 2009, and 21.80 inches recorded in 2010. The average rain fall for the Kearney/Buffalo County area is approximately 24.80 inches. The 2011 year data could be off by three or more inches due to unrecorded precipitation of snowfall during the year as stated above.

MISSION AND VALUES STATEMENT

Mission Statement

To provide a prepared and capable emergency management program for Buffalo County through training, community education, and preparedness by providing information and education to the general public, area emergency responders, and volunteers.

Values Statement

Emergency Management is by function and by law a cooperative effort on the part of all levels of government and the private sector. At the local level, Emergency Management is concerned with the protection and education of the public from the hazards and risks that affect them. The credibility of the program resides in the credibility of the program advocate. The Emergency Manager should exemplify the utility of the emergency management program.

The job of the Emergency Manager is defined by law. It does, however, have a moral basis. The emergency manager must balance the duties authorized and required by law with the moral obligation of the public employee to do everything possible to protect and preserve the safety of citizens in the city and county.

Emergency Management expresses a strong commitment to provide interagency cooperation and coordination of activities relating to mitigation of, prevention of, preparedness for, response to, and recovery from disasters and emergencies.

ORGANIZATION

The Emergency Manager is an appointed position responsible for the development, implementation and maintenance of an emergency management system in Buffalo County to save lives and protect property. Such emergency management system shall include disaster mitigation, preparedness, and response and recovery capabilities. The incumbent is charged with making certain that the components of the emergency management system know the threats to the jurisdiction, planning for emergencies, being able to function effectively in an emergency, and conducting recovery operations following a disaster.

The position requires direct responsibility for the organization, administration, and operation of the Buffalo County Emergency Management System, subject to the direction and control of the Buffalo County Board of Supervisors. The position serves as the principal advisor to the Buffalo County Board of Supervisors in disaster/emergency matters. Supervision of day-to-day activities shall be directed by the Buffalo County Sheriff and Kearney Chief of Police.

The incumbent, in discharging duties, must work with elected and appointed officials of the local governments, of the state and of the Federal government, and private sector interests.

The incumbent is given broad and extensive authority to determine program priorities, requirements, and procedures so as to implement and support the local, state, and national programs and objectives. Completed work is reviewed in terms of net results and the achievement of broad objectives and conformance with general policies. Job effectiveness can be determined by the ability of the Buffalo County Emergency Manager to take the lead in developing local capabilities to mitigate disasters/emergencies, conduct coordinated operations in disasters/emergencies, and making maximum use of all public and private resources available.



TRAINING

As required by the Nebraska Emergency Management Act, Section 81-829.46 (6), which requires the *“Director to devote full time to the duties of emergency management, and that he/she shall be qualified and certified in accord with criteria established for the state by the Nebraska Emergency Management Agency,”* all courses were completed by the Director to fulfill the Basic Certification requirement before hire. In addition to this certification, which this Director completed in 2005, was the Nebraska Emergency Management Advanced Certification for Emergency Management as well as meeting all NIMS compliances, ie. IS 100, 200, 700, and 800. In 2006, the FEMA Professional Certification was obtained. In 2007, the NIMS 300 and 400 certification was accomplished. In 2010 the NIMS 701, 702, 703 and 704 certification was accomplished.

Additionally, the Director attended or conducted the following non-NEMA courses / conferences:

Severe Weather Spotter Training
State Wide Tornado Drill
School Emergency Plans / Checklists Training
Chem-Pac Training
NACO Annual and Quarterly Conferences
NAEM Conference
Decision Support Conference (NWS)
D-Star Amateur Radio Conference
TRIMRS exercise
How to Best Protect Shelter in Place Conference
ICS training
Paraclete Planning Tool Conference
Central District Meeting
Buffalo Watch Notification Admin Workshop
Hazmat Decontamination Shower Training
Amateur Radio ARES Field day exercise
COAD Safety Fair
Nebraska Hazardous Materials Association Conference
State Patrol and Roads Department Winter Weather Conference

In addition there were 35 other assorted local or regional trainings sent out to First Responder agencies throughout the year.

EMERGENCY MANAGEMENT PRESENTATIONS

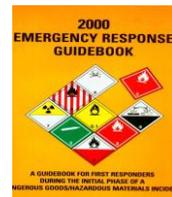
- 1 5 Emergency Management presentations for UNK students for Emergency preparedness / Safety and Science and Technology classes
- 2 Emergency Management/Preparedness presentations to Ravenna Senior Center
- 3 12 Presentations/Tours on the EOC to city/county officials and public
- 4 Emergency Management and Weather presentation to NPPD
- 5 6 Weather related presentations to Local TV and/or Radio
- 6 Conducted a presentation to Local Statewide Emergency Management on the Buffalo County/City of Kearney EOC and the grant process and funding.
- 7 Recent disaster presentation to the Republican Women's Party
- 8 General Emergency Management Presentation for the Kearney Rotary Club

LEPC

LOCAL EMERGENCY PLANNING COMMITTEE

The Buffalo County LEPC is a component of the emergency management program. The Director is responsible for reviewing and maintaining Tier II reports, filing LEPC minutes from the quarterly meetings, maintaining the membership roll, maintaining spill reports, and compiling this information to send to the SERC (State Emergency Response Commission) for the Buffalo County LEPC. The LEPC has not been active in the past 2 years, and no LEPC meetings were held in 2011.

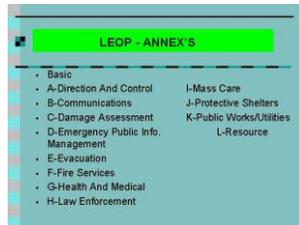
TIER II REPORTS



All copies of Tier II reports filed by facilities in Buffalo County, that are required by the Community Right-To-Know Act to report hazardous substances, are placed on file in the Emergency Management Director's office. The facilities are required to update the reports on a yearly basis and are reviewed by the Director for the HAZMAT Annex of the LEOP and for the yearly report sent to the SERC. Members of the Buffalo County LEPC, as required by law, also complete a review of the Tier II reports. Copies of filed MSDS sheets are also available in the Director's office.

CONTINGENCY PLANS

The Director maintains all contingency plans filed by facilities in Buffalo County that are required to file the plans, or do so because they understand the importance of providing the information for emergency planning and response.



RMP (RISK MANAGEMENT PLANS)

Fourteen facilities in Buffalo County were required by law to file Risk Management Plans. This is a requirement by the EPA. The Risk Management Plans are on file in the Director's office and are also available on the secure portion of the EPA website.



The Director receives notification involving radioactive transports of spent fuel and low specific activity materials prior to the shipments entering Buffalo County. Notices are made to the appropriate agencies that would respond in a radiological incident. There were no reports of radioactive transport reports to this office this last year. This does not mean that there were no transports through Buffalo County but due to transportation regulation changes on reporting requirements as well as less radioactive transports through the primary routes though Nebraska and Buffalo County the reports have be reduced to almost none.



EMERGENCY WARNING SYSTEM

Monthly tests of the alarm radios, pagers and outdoor warning systems were conducted throughout the year. Pre-maintenance services on the sirens continued during the month of March within the Kearney area. The Emergency Operation Center and the Backup Dispatch has become the primary area for weather operations supporting all of Buffalo County. Any time Buffalo County is put in a Thunderstorm Warning, Tornado Watch or Warning, the EOC and backup Dispatch Center are opened and operational. Testing and the monthly test of the outdoor warning sirens were conducted out of the EOC several times throughout the year.

Narrowbanding for public safety frequencies must be completed by January 2013. This will affect the remote signal controllers for all the sirens in Buffalo County. Based off of direction from the State Communications office and the Nebraska Council of Regions, all Public Safety frequency devices must comply with the FCC directive by the deadline including receive only devices such as radio controlled sirens. In 2011, this office secured enough Homeland Security grant funds to get this project completed. With the grant funds secured, the communities will not be burdened by the cost of switching these controllers over to Narrowband frequencies. The total cost of this project is approximately \$20,000.00. This project is expected to be completed before spring of 2012.

No new or replacement sirens were put up in 2011. Six sirens needed repaired and fixed in Kearney as well as the Odessa siren and the sirens in Ravenna in 2011.

The sirens were sounded many times for Thunderstorms and Tornado Warnings in Buffalo County in 2011. The sirens were sounded once in Ravenna on May 12th, 2 and 3 times in every community on May 30th, 4 times in Elm Creek and twice in Amherst, Pleasanton, and Ravenna on June 20th, and once in Elm Creek, Odessa, Amherst, Gibbon and Shelton and twice in Kearney on October 7th.



The Buffalo County Emergency Management department received notice that the company responsible for the DCC notification system will no longer support the current system that we have at the end of 2011. The decision was made that this system will continue to be used for the group notifications and start the migration to the new Cooper notification for Geo notification. The Dialogic High Speed Notification System continues to work well for notification of the public and special groups, such as Law Enforcement, Fire, EMS, Hazmat Teams, Volunteer groups etc. The DCC system will be used as long as it operates and functions properly. This system was used 100's of different times over the last year for group and public notifications this last year from missing persons, YRTC escapees, and weather related events, potential flooding along the Platte River, Fire department calls, Weather Spotter, FATE team etc. This system was used many more times for group testing as well. Volunteer fire departments continue to use this system to disseminate information to volunteers that serve on the departments. The Amherst Fire Department requested that the communication center use the notification system for emergency callouts for the Amherst district. The request was made due to the cost of replacing pagers at the local level for volunteer fire departments. That request was denied as it was felt that the system was not reliable enough to use as the primary emergency notification system. Law Enforcement continues to use this system for specialized team callouts, additional new groups have been created this last year including Miller/Sumner Rescue squad, Elm Creek Fire, EOC Medical Table, Schools 911 for Kids, and Shelton/Ravenna Police department. This system now has over 1075 members with 72 different groups that have been developed. 7 new groups were added in this past year. Mapping and phone number updates as well as backing up the system are performed every six months.

The Cooper Notification System called BuffaloWatch.net has been in place for over a year now, and is a web based system. This system allows the public to sign up for cell phone and e-mail text and SMS messages for weather notifications from freezing rain advisories to tornado warnings and just about every other notification in between. The public can choose all the notifications or pick and choose the ones they want. This system can also do voice and landline phones for GEO notifications and group notifications. 911 phone data has been added to this system over the last year. This system will be the primary GEO notification system for Buffalo County. At some point the groups that are in the DCC notification system will be migrated to the BuffaloWatch.net system. Operational training will be given to the 911 Dispatchers for the GEO notification system in the early months of 2012. There are 989 cell phones signed up for the weather notification at this time with a total of 27,010 landline and cell phones in the system.



RESPONSE UNIT ACTIVITIES

The response unit was used for the fourth time during the annual Nebraska Game and Parks Outdoor Expo in May. This was the third year it was held at the Fort Kearney recreation area. This unit provided communications to several agencies that were participating in the management of the event from Buffalo County Communications Center, Game and Parks, State Patrol, Good Samaritan Hospital EMS. In addition to providing interoperable communications to these agencies, it continues to provide a good opportunity for training for the Incident Dispatch Team in a low stress environment.

The unit was used at the National Guard Hero's Day at the request of the Kearney area National Guard to honor the troops and their families that serve and support our nation's homeland.

The Response Unit was not used nearly as much as it has been in past years, and not at all for emergency response in 2011. Testing and updates were conducted on this unit by the Emergency Management office on almost a weekly basis.

The camera that was broke off the top of the unit mast was fixed in June after 8 months of not being able to get the correct equipment. Now that it is fixed, the camera is working well.

Training with the Response Unit

The Mobile Response was used during the Full Scale exercise in June as the Incident Dispatch unit as well as the Incident Command Post.

The Mobile Response unit was used in the Safety Fair for the COAD event.

Driver training for the response unit has taken place over the last year; however there are still not enough trained drivers for this unit at this time.

WEATHER



One of many turned over Pivots



Summer Flooding Platte River



Yes, There used to be a house here

The following list indicates the number of watches, warnings and winter weather advisories by the months they occurred in.

Month	Watch	Warning	Winter Weather Advisories
January	0	0	3
February	0	0	0
March	1	1	0
April	0	1	2
May	5	13	0
June	8	21	0
July	2	6	0
August	3	3	0
Sept.	0	0	0
October	1	11	0
November	0	1	0
December	0	1	1

WEATHER



Elm Creek Tornado Damaged



Winter Weather on the Bricks



Responders Recovering

BUDGET

The Emergency Management budget for the fiscal 2010-11 year stayed under budget and was closed out at 4% under budget. Homeland Security Grant Funds paid for the \$9,000.00 fee for the notification system. This left a surplus of funds in the Emergency Management budget. This surplus was given to support the GIS project for the County. The new fiscal 2011-12 Budget was approved by the Board of Supervisors Budget Committee. The Buffalo County Emergency Management Department budget for 2011-12 is \$118,934.00. This is an increase of about 2% from the year's previous budget.

The EMPG (Emergency Management Performance Grant) for the fiscal year 2010 closed out, and the 2011 grant started in June of 2011. This program is designed to reimburse the Emergency Management budget up to 50%. The program is administered through the Nebraska Emergency Management Agency which will assist the Buffalo County Emergency Management budget at up to 50% for the 2010/2011 fiscal budget year. The prior 2009/2010 year was initially funded at 41%. This grant is based off of the total budget expenses at the end of the budget not the total allowable budget.

The total amount funded for the 2011 budget year is \$47,600.00. This is only about 40% of the budget this year. The lower percentage is due to the lack of increase of EMPG funds distributed by the Nebraska Emergency Management Agency on behalf of the Federal Government. This office underwent one State Audit in 2011 on Homeland Security Grants, NIMS compliance, and the EM budget. The audit found that all of the paperwork, documentation, and equipment was in order.



POSSIBLE AND POTENTIAL EMERGENCIES 2011

January

January 8th through 10th and the 31st produced a winter weather advisories with snow and blowing snow, approximately 12 inches of snow fell in the Kearney area and Buffalo County from the 8th to the 10th with winds of 15 to 20 mile per hour and 35 mile per hour gusts. January 19th produced approximately 6 inches of snow and January 31st was the start of a 3 day event that produced approximately 2 to 3 inches of snow with 25 to 30 mph winds with 45 mph gusts. All three events produced bitter cold weather.

Flood advisories and warnings along the Platte River in Buffalo County started on January 2nd and pretty much continued off and on throughout next 6 months. Several houses and families evacuated along the river at the Sweetwater Ave. location, and Kearney well fields were in danger of flooding. Staff was put on stand by to sandbag the well houses. I delivered 300 plus sandbags to the Kearney Water Department; the water receded, and sandbagging was not needed. A lot of time was spent checking the water levels on the Platte River throughout Buffalo County from January to the end of May. Several high speed notifications were sent out to the people that live along the river to inform them of the flooding issues, to advise them of the need to watch the river level, and to have a plan for property protection and evacuation if needed. A request was also made that if high water was affecting their area that they call the Emergency Management office.

February

There was snow and blowing snow January 31st through February 2nd with approximately 2 inches of snow, approximately 4 inches of snow fell between 24th through the 26th February. Neither of these were significant events; however, it made for slick driving conditions and low visibility on the 24th. This event recorded one fatality on the Interstate 80 near Kearney.

The Hazmat team was called out on February 28th for a possible hazmat spill at the First Care Center in Kearney. There was an unknown fluid coming from an x-ray machine in an exam room. After investigation by the team, it was determined that the fluid was hydraulic-fluid. No reports were made by this office. Flooding on the Platte River continued to be an issue during the first week of February from the 1st through the 8th.

March

There was a Winter Weather warning put out on March 7th at 12:37. This storm produced approximately 4 inches of snow with moderate wind. On the 25th through the 27th produced another 3 inches of snow in the Kearney area. March 24th at 19:30 there was a significant weather statement put out indicating a strong thunderstorm 6 miles north of Shelton moving north northeast. This storm moved out of the area without incident.

The Hazmat team was called out on March 17th for a diesel spill on the interstate. Approximately 140 gallons was spilled on to the roadway. This incident was mitigated by the Kearney Fire Department and the Mutual Aid Hazmat team. All notifications were made and paperwork completed by this office.

April

There was a High wind warning issued for Buffalo County on April 14th and had sustained winds of 38 miles per hour and gusts of 51 miles per hour; no significant damage was reported. April 14th and 15th winter weather advisory warnings were issued across the central to western parts of Nebraska. On the 15th the Interstate was closed from Lexington, Nebraska to Cheyenne, Wyoming as there was 8 to 15 inches of snow from Lexington to Cheyenne, Wyoming. Plans and contacts were made locally in the event the Interstate was closed at Kearney.

There was an Amber Alert issued on the Emergency Alerting System on April 9th, 2011, at 05:42. The child abduction was not in the Buffalo county area; the child was found in the Hastings area approximately 4 hours after the alert was put out.

May

There was a High wind warning issued for Buffalo County on May 30th at 07:26, the winds during the day gusted from 20 to 50 mph, while the evening storms produced 90 plus mph winds. Thunderstorm watches were issued on May 11, at 12:15, May 12th at 17:08, and May 20th at 14:29. Tornado Watches on May 12th at 14:33 and May 30th at 14:04. Thunderstorm Warnings on May 12th at 15:26, 15:54, 16:25 and 17:08; May 21st at 18:53; May 30th at 19:42, 20:21, 20:33, 20:58; Tornado Warnings on May 12th at 16:25 in Ravenna; and May 30th 20:04 and 20:36. The sirens were sounded in Ravenna on the 12th and in every community in Buffalo County twice and some of the communities three times on May 30th due to Tornado warnings and spotted tornados as well as having 90 mile per hour straight line winds throughout the county. Flooding was reported in low lying areas to include covering several county roads as well as street flooding in several communities on the 12th and the 30th. Wind damage was reported from the storms on the 30th with turned over pivots, outbuilding damage, and power line, pole damage, and tree damage. Flood warnings continued through the month along the Platte River.

June

Thunderstorm watches were issued on June 16th at 18:31, June 18th at 17:31, and June 20th at 08:35. Tornado Watches on June 01st at 16:43; June 19th at 18:08 and 21:44; June 20th at 12:56 and 19:36. Thunderstorm Warnings on June 01st at 18:03, 18:59, 19:31, 19:53, 20:27, 21:13, 22:13 and 23:00; and June 02nd at 00:12 and 00:45; June 16th at 22:56; June 18th at 21:23 and 22:09; June 20th at 01:40, 02:05, and 16:02; and June 26th at 06:23. Tornado Warnings issued on June 20th at 15:28, 15:56, 16:32, and 16:44. The sirens were sounded in Elm Creek four times, Amherst, Pleasanton, and Ravenna twice due to Tornado warnings and spotted tornados on the 20th. There were at least 8

Tornados spotted in Buffalo County on the 20th. The largest of the tornados was an EF-3 that dropped on the north side of Elm Creek and took a path from Elm Creek to Amherst in a northeasterly direction. The tornado destruction at the base was over $\frac{3}{4}$ of a mile wide. 66 homes had minor to moderate damage, 4 homes had major damage, and 5 homes were totally destroyed. 40 pivots, 8 grain bins, several outbuildings, quonsets, barns, garages, and storage buildings as well as a number of farm equipment, cars, trucks, semis, and tractors were damaged or destroyed. There was also power line, pole, and tree damage within the tornado paths. Flooding was reported in low lying areas to include covering several county roads as well as street flooding in several communities on the 1st, 18th, and 20th. The Platte River has been at or above flood stage a number of times throughout the month. Wind damage was reported from the storms on the 30th with turned over pivots and outbuilding damage. Flood warnings have been issued throughout the month along Platte River; no significant flooding was been reported along the Platte River in June. The tornado damage on the 20th was declared an emergency by Buffalo County and was also declared a State and Federal disaster.

July

Thunderstorm Watches were issued on July 5th at 16:44 and July 10th at 19:21. Thunderstorm Warnings on July 5th at 21:40; July 10th at 21:24, 21:53, 22:10, and 21:36; and July 27th at 00:33. The July 10th thunderstorms produced high wind damage within Kearney and Buffalo County; several large trees and tree limbs were downed as well as power lines and power pole damage. 4 trailer homes were reported with damage with one being completely destroyed, and 2 fires were reported due to electrical fires related to the storm. Ravenna reported tree and fence damage and power outage in the community for about an hour. Shelton reported lots of tree damage.

There was flooding at Van Vleet Trailer Court along the creek; water was over the road causing hazardous driving for travelers on south 30th Ave. The Buffalo County Highway Department put up barricades to block the road to prevent people from driving through flooded roads.

August

Thunderstorm Watches were issued on August 7th at 14:55 and 19:45, and August 11th at 22:13. Thunderstorm Warnings on August 7th at 19:41 and 20:10, and August 21st at 09:55. No storm damage was reported from any of these storms.

September

A D-9 Cat bulldozer fell into a Kearney water treatment pond on September 30th. A fatality was a result of the accident. NDEQ and NEMA were contacted about the incident due to fuels and oils being introduced into the water.

October

There was a High wind warning on the 6th at 07:19am; and Thunderstorm warnings on the 7th at 14:53, 17:35, 17:50, 18:11, 19:31, 19:38, 20:41, 21:44; and on the 8th at 00:22; a Tornado watch on the 7th at 18:41; and a Tornado Warning on the 7th at 19:51. There was up to 8 inches of rain recorded in the Kearney area on the evening of the 7th and morning of the 8th, the sirens were sounded in Elm Creek, Odessa, Amherst, Gibbon, Shelton and two times in Kearney on the 7th due to the Tornado warning in those areas.

Thursday October 6th there was a Mass Casualty Bus accident on the Interstate near Gibbon. There were 4 serious and 1 critical transported to the hospital by ambulance, and 24 walking wounded transported by a Gibbon School Bus to the Good Samaritan Hospital. Emergency Management provided coordination and resource efforts to the Hospital and victims with transportation and Red Cross assistance.

November

There was a High wind warning on the 25th at 14:29, there were 35 mph sustained winds and 51 mph gusts.

November 13th Kearney Fire put the Emergency Management office on alert in the event they needed assistance for a cornfield fire. There were several mutual aid fire departments that assisted to put this fire out.

December

There was a Winter Weather warning issued on the 2nd. There were 25 mph sustained winds and an average of 4 to 6 inches of snow in the Kearney, Buffalo County area. There was a High Wind Warning on December 31st with 31 mph winds and 41 mph gusts.

PROJECTS 2011

- 2009 and 2010 the Buffalo County and the City of Kearney EOC was a very large project for Emergency Management. With the completion for the EOC in March of 2010 and the backup center completed in July of 2010 most of

the work was done. However much work still needed to be conducted in the EOC. Additional equipment and supplies have been purchased and technologies put in place. In addition based on the full scale exercise conducted in the EOC and the After Action Report, many things were identified as needed improvements or additions. Many of these things have been fixed and additional equipment and supplies added to the EOC based on the exercise outcome. Some of the things found were as follows: the EOC was found to be a very secure area; however if one went into the kitchen, the resource center, or to the restrooms across the hall, you would be locked out of the EOC. There was no way to keep the inner doors unlocked without propping them open. The locks were changed so that the door could be left unsecured if need be. Chart paper, easel, and a 4 x 6 foot white board were purchased for the room. It was felt that the printers were too slow in the resource center; a new Konica Minolta printer was leased and added to the resource center. The map plotter was found not to be operational and this plotter was fixed. There were no clocks in the EOC except for on the computers. Emergency Operations Clocks were purchased for the room. They are expected to be put up the first part of 2012. The Emergency Operations tracking tool was difficult to use if prior training had not been conducted. It was found that the Web EOC tool and the ESS tracking tools were way too complicated for the untrained user and just-in-time training was not enough for the user. The Emergency Management office created a much simpler design for tracking Emergency operations; however, this needed some work. This office enlisted the assistance of the General Dynamics defense contractors out of Washington D.C. in the development of a more interactive yet simple tracking tool. This tool can now be used by anyone with minimal training, which will become a very valuable tool to the EOC and the Incident Command. In addition, General Dynamics spent a week at the EOC updating the Emergency Operations Mapping tools.

A training tool has been developed for every piece of equipment and technology in the Emergency Operation Center from answering the phones to computer software. This tool is a step by step operational tool developed for EOC staff to come to the EOC at their convenience for training and to stay proficient with EOC operations.

All equipment has been tested and kept up to date. Preventive maintenance testing and updates are conducted once a week. This is done on Fridays, schedule permitting.

- The Phase Two project for the new Justice Center was started in 2011. As much of the electrical and network cabling had to be run through the Emergency Operation Center, the Sheriff requested that I office out of the EOC and oversee the contractors in the basement area while this project was underway. I spent April through October in the EOC almost everyday

overseeing this project. The Emergency Management work was only hampered in one way, and that was the reduction of meetings I was able to attend that were normal job related meetings. Other than not attending all the scheduled meetings, the Emergency Management work was not slowed in anyway. I was able to work out of the EOC office with no issues; in fact at times, it was beneficial for meetings and planning operations for Emergency Management events. This time gave me the opportunity to become more familiar with all the equipment and technology in the room as well as work out any of the issues that may have occurred with the equipment, networking, and other devices in the room. There were plenty of issues to work out over this timeframe. Time spent in the EOC was very beneficial to the Emergency Management office, and I was very pleased to have had the opportunity.

- DCC (Dialogic Communications Corporation) Public High Speed Notifications. 2011 was the last year the company will support the Notification system without upgrading to the new version of the system. This was at the cost of \$50,000.00 to \$80,000.00. The decision was made not to upgrade but to migrate to the new BuffaloWatch.net notification system. There are advantages and disadvantages to doing this. However, it was decided not stop using the DCC system all together. We are still going to use the system for group notifications such as general county employee notifications or specialized group notifications i.e. FAIT, CERT, ESU, Fire and so on. Buffalo County will continue to use this system as long as it is operational. We will no longer use the system for GEO notification to the general public. This is the piece that is moving to the BuffaloWatch.net system. 7 new groups have been added to the system this last year. Additional training has been provided to those that use the system as well as drills conducted over the last year to improve the proficiency of the user. There are 1075 individuals in the Communicator at this time with more than 72 notification groups.
- The BuffaloWatch.net Notification system is now a year old. The internet software based system is powered by Cooper Notifications and will be taking the place of the GEO notification system that was being done with the DCC system. BuffaloWatch.net has several functions, SMS and text messages to e-mail and cell phones for weather notifications, group notifications, and for Public notifications within Buffalo County. This system allows the user to sign up for and manage their own accounts for weather events that they could be affected by in Nebraska. The county currently has a contract with Cooper Notification for the next 5 years. 911 phone data has been added to the system in 2011. This will allow Buffalo County to notify the public now by landline and cell phones. Dispatcher training will take place in January 2012. After the training, this system will be operational for the Geo notifications. The only real downfall for using this system for Geo notifications will be the

voice minutes used. Buffalo County Emergency Management currently has budgeted to purchase 10,000 minutes a year at the cost of \$1,500.00. If these minutes are used up before year end, additional minutes will have to be purchased to keep using this system for voice notifications. Texting, SMS and E-mail messages are free. There are just over 950 cell phones signed up at this time and over 27,000 landline phones in the system.

- The Buffalo County Local Emergency Operations Plan (LEOP) underwent a complete review in 2011 from April to July, updates and changes were made to Annex A, Attachments 1 and 2, Annex B, Attachment 1, Annex C, Appendix 1, Annex H, Annex I, and Attachment 1. There are 45 LEOP's in Buffalo County. Copies were made and distributed for each of the LEOP's. All the LEOP's were revised by August 2011.
- All of the 2011 Tier II reports were sent to this office; all reports were logged and submitted to the SEPC.
- The Buffalo County Emergency Management office was tasked with 3 separate ID card projects in 2011. Two of the projects were for the new Jail and the Courts area of the new Justice Center. All service providers and volunteers to the Jail will now need to have a background check and an ID card to enter the secure jail area. Service Provider and Volunteer cards were developed by the Emergency Management office to support this mandate. In addition the Courts area of the Justice Center is also a secure area. The Emergency Management office was also tasked to develop a Justice Center card for staff, attorneys, and court support personnel to allow them to be recognized and pass through the non-secure area to the secure area with less inconvenience to the card holders. Approximately 250 cards were made throughout the 2011 year for the 3 projects. The protocol established by the sheriff's office to obtain an ID card was extended to Volunteers and Service Providers to the Jail and the EOC as well as the Justice Center cards. This includes three separate forms, a permission form to complete a background check, a background check form, and the ID request form. All forms must be completed and submitted to the Sheriff's office with a background check conducted and approval made before the Emergency Management office can make an ID card for these individuals. No employee of the Sheriff's office can obtain an ID card from Emergency Management without the completion of the ID application, the Sheriff's signature, and the Emergency Manager's signature.
- Several projects have come to fruition through the South Central Planning Training and Exercise Region (SCPETR). One additional remote control robot was purchased for CERT/ESU and/or SWAT teams within the regions. This robot was given to the Lincoln County Sheriff's office and North Platte Police Department. The Air cards were renewed for another year for Law Enforcement and Emergency Management within the region. Every Law

Enforcement agency within the SCPET Region was given the opportunity to supply their officers with an HN15 CEBR escape mask through Homeland Security funding. Most of the Law Enforcement agencies took advantage of the opportunity. Buffalo County received 94 masks that were assigned and distributed to its 4 Law Enforcement agencies. The SCPET Region was allowed to support the public notification system for emergency alerts to cell and landline phones for GEO notifications and weather events for one more year. After 2011 the counties will have to support/sustain these systems on their own. Buffalo County Emergency Management already has this included into the budget. Homeland Security grant funding has been secured to Narrowband all the siren receivers in Buffalo County at a cost of a little over \$20,000.00. In addition, grant funding was acquired for the continuation of the regional Mutual Aid channels and the State Patrol Interoperable communication channel projects. All three projects are expected to be completed by the early part of 2012. The public education campaign has been a large project that Buffalo County Emergency Management has been trying to get off the ground for the last 3 years. As of 2011, the SCPET Region public education campaign is officially under way. A vendor has been chosen, and we are now working on the development of the Regional Emergency Management website. After the website is completed, we plan on developing paid Public Service Announcements for planning and preparedness for all hazard incidents. The webpage and the first PSA's should be completed in 2012.

- Mobile Response / Communications vehicle was used for 4 planned events over the last year. The unit was used for the Annual Game and Parks Expo, the National Guard Hero's day, Full Scale exercise, and the Annual Safety Fair. These events provided training for dispatchers, negotiators, fire, law enforcement and incident command over the last year. Additional Driver's Training was also conducted in 2011. This unit did not respond to any emergency incidents in 2011.
- The Buffalo County Emergency Management continued to sit on the steering committee for TRIMRS which covers a 21 county area and the MRC (Volunteer Medical Response Corps). In June the MRC coordinator resigned from the position, and Ron Pughes was hired in October as the new MRC Coordinator. Ron has gotten more accomplished in the last 3 months of 2011 than the prior coordinator got accomplished in the 3 years prior. The MRC strategy has been updated, protocols have been revised, the 150 plus volunteers that were claimed to be volunteers for the MRC were all contacted and reduced to about 40 individuals that would actually be willing to volunteer for the MRC during both planned and unplanned events. Buffalo County continues to conduct all back ground checks on MRC volunteers, and provides notification to the group as an in-kind donation. The MRC response trailer has come a long way in the last 3 months and is expected to be response ready before the summer of 2012. Work continued on the

Regional Mass Fatality plan over the last year particularly with the Medical Table and Family Assistance Center sections. There are areas that the planning committees have struggled within the planning process for both the EOC Medical Table and the Family Assistance Center mostly in the areas of who is responsible or willing to perform what tasks. This area has taken up a lot of time over the last year. It is hopeful that these people, agencies, and departments will be identified in the next year, and these two plans will be completed and tested by the end of 2012.

- (NIMS) National Incident Management Systems compliance continues to be a full time project for the Buffalo County Emergency Management office. This office continues to work with all first responders as well as appointed and elected officials to maintain NIMS compliance. The Emergency Management offices in the state have been identified as the Tracking agent for all first responder agencies and volunteer organizations within their jurisdiction. This directive was implemented to track training in the IC 100, 200, 300, 400, 700, 701, 702, 703, 704 and 800, all required IS courses for first responder and volunteer agencies at the local level. We also track new members and members that have left the departments as well as keep an accurate account of who has and has not yet completed training. The NIMS reminder post cards continue to be sent out to each of the agencies to make sure that this information is being delivered to this office. Responder agencies in Buffalo County vary in levels that are trained in the Federal required NIMS courses. Through the implementation of these two documents, it is felt that we have met the NIMS standard and compliance in Buffalo County. The 300 and 400 NIMS courses have now been mandated as a required course for any individual that could be put in the position to be in command or be the Incident Commander of a type 3 or higher event. At the end of 2011, the Buffalo County Emergency Manager was the only person in Buffalo County to have taken these two courses. We look to rectify this in 2012.

Volunteer organizations, large businesses, and schools continue to be targeted by Homeland Security to become NIMS compliant. This continues to be a huge undertaking by this office and could be a full time position just making sure all agencies are and stay compliant. It is still up to each agency to decide if they wish to continue to stay compliant within the NIMS standards.

- The COAD (Community Organizations Active in Disasters) is now in its 6th year. The Safety Fair in September 10th of 2011 was once again a success. We continue to find things that we can improve on and make the Fair a better experience and success for the future. The COAD continues to be great asset to the Emergency Management Agency. Emergency Management continues to rely heavily on the volunteers and community organizations of this group during large scale events within Buffalo County.

- The Siren Usage Guideline underwent revision after the storm season in 2011. The Buffalo County Emergency Management office made the request to the SCPET Region that the region uses the same protocol/guideline for siren usage in the Region. This group felt this was a good idea and assigned myself and the Emergency Manager from Kearney County to draft new siren usage guidelines for the region. Jeff England and I enlisted the assistance of the National Weather Service (Hastings Office) to help us develop/revise the plan. After about 4 months of working on this plan, Jeff and I brought the plan to the SCPET Region for acceptance. The plan was voted on and accepted by the SCPET Region. Very few changes were made to the Buffalo County/City of Kearney Plan; the wind speed was increased from 60 MPH to 75 MPH, and the hail size was increased from golf ball to tennis ball size for sounding the sirens. Both were at the recommendation of the National Weather Service.

Long Term Projects Started/Continued in 2011

- COAD (Community Organizations Active in Disasters) Safety Fair
- TRIMRS (Tri-City Medical Response system)
- Regional Mass Fatality plan (Plans being written for Family Assistance Center and EOC Medical Table)
- Specific Local Emergency Operations Plans MFP, FAC, EOC Med table, LEOP, COOP, COG, DMP, etc. All plans have been started and continue to be worked on over the last couple of years and into the future.
- MRC (Medical Response Team) (Mobile MRC) hiring of a new coordinator
- NIMS (National Incident Management System) IS 701, 702, 703 and 704 added to the 2010 requirements and 300 and 400 were added in 2011.
- Buffalo County Mitigation Plan. The plan has been submitted to FEMA for approval for the 3rd time; still waiting approval.
- SCPETR (South Central Planning Exercise Training Region) 15 county Area focusing more and more on regional projects and preparedness
- Response Unit and Emergency Operation Center and back up Communication Center updated, exercised, tested, and training
- Emergency Preparedness Education campaign (Progress is being made)
- PR2C mapping and tracking tools for EOC and response vehicle

Reports/ Emergency Manuals/Plans/SOG/SOP and MOU's

Below is a list of reports, Emergency manuals, plans and MOU's that have either been created or updated throughout the last year.

Plans and reports written and or reviewed

Daily EM reports
Monthly EM reports
Annual EM reports
Tier II reports
By-laws for several of the groups and organizations under Emergency Management
Kearney Airport emergency plan
Several local business/industry emergency plans
EMPG quarterly /work plan
COOP/Debris plan
Mass Fatality
Family Assistance Plan
EOC Medical Table plan
Amateur Radio Emergency plans
LEOP (Local Emergency Operation Plan) complete review/updated and distribution
Wildfire Control plan
Siren protocol for Severe Weather and other emergency notifications
Severe Weather Spotter Guide
5 Dam Failure plans
Protocol for the Mutual Aid plan
Training guide for EOC
Training guide for Response Unit
Kearney School Safety Plans
ICS Forms Manuals
Spontaneous Volunteer Management Plan
Full Scale Exercise Plans, Controllers, Evaluators, Players and EX-Plans all written as well as the After Action report and the Implementation Plans.

2011 Exercises

- ✓ Statewide Tornado drill was conducted in Buffalo County
- ✓ (2) Severe Weather Spotter trainings were conducted for spotters in Buffalo County
- ✓ Full Scale Mass Casualty/Decontamination
- ✓ Training and exercise / testing the Hazmat ID system
- ✓ Hazmat Decontamination Shower Training for Fire/EMS
- ✓ Amateur Radio ARES Field day Exercise
- ✓ Pipeline explosion table top exercises
- ✓ Chem-Pac Training

Annual Goals

Below are the goals for the past year and the upcoming year. Many of the goals from 2011 have been rolled into 2012. This however does not mean that they were not met in the prior year. Many of the goals were goals that need to continue into 2012 or had made good progress on and are expected to be completed in 2012.

Goals 2011

1. Continue to work with the SCPETR on regional projects to improve the region's ability to respond to, mitigate, and recover from large scale events by providing needed equipment, training and exercises to first responder agencies, volunteer organizations, and elected and appointed officials across the South Central region.
2. Conduct a Full Scale Exercise for public and private organizations within the city of Kearney and Buffalo County. Testing response mitigation and recovery from a mass casualty / mass contamination incident in a rural setting.
3. Complete an informational Procedures and Operations Manual for the Emergency Management office for the County Board Supervisors.
4. Continue to improve and provide public education on emergency preparedness before, during, and after an emergency event through media events, speaking engagements, handouts, notification systems, and the annual safety fair.
5. Work on having complete plans in place for Buffalo County on the EOC Medical Table and the Family Assistance Center by the end of the year.
6. Maintain, operate, manage, and continue to improve on the Emergency Operation Center and the response unit.
7. Implement a monthly open house training for elected and appointed officials using the newly developed step-by-step instruction guide for the EOC.
8. Review, update and distribute sections Annex A, B, E, F and I of the LEOP as mandated by the state.
9. Work to improve the Buffalo County Hazmat team through training exercises, conferences, and equipment.

10. Have a completed mitigation plan in place by the end of the year for Buffalo County and its participating jurisdictions.
11. Continue good working relationships with all emergency management agencies, responder agencies, volunteer organizations, private and public organizations, elected and appointed officials, and the general public at the local, state and federal levels.
12. Revisit with the Weather Service to make Buffalo County a Storm Ready County. Information was obtained and submitted at one time; however, this project did not move forward for one reason or another.

Goals 2012

1. Continue to work with the SCPETR on regional projects to improve the region's ability to respond to, mitigate, and recover from large scale events by providing needed equipment, training and exercises to first responder agencies, volunteer organizations, and elected and appointed officials across the South Central region.
2. Complete an informational Procedures and Operations Manual for the Emergency Management office for the County Board Supervisors.
3. Continue to improve and provide public education on emergency preparedness before, during, and after an emergency event through media events, speaking engagements, handouts, notification systems and the annual safety fair.
4. Hold or participate in at least three exercises in 2012.
5. Work on having complete plans in place for Buffalo County on the EOC Medical Table and the Family Assistance Center by the end of the year.
6. Have an Emergency Continuity Of Operations Plan and Debris Management Plan in Place for Buffalo County and the City of Kearney by 2013.
7. Maintain, operate, manage, and continue to improve on the Emergency Operation Center and the response unit.
8. Review, update and distribute updates for the LEOP.
9. Continue working with the Buffalo County Hazmat team through training exercises, conferences, and equipment support.

10. Have a completed mitigation plan in place by the end of the year for Buffalo County and its participating jurisdictions.
11. Continue good working relationships with all emergency management agencies, responder agencies, volunteer organizations, private and public organizations, elected and appointed officials, and the general public at the local, state and federal levels.
12. Complete Narrow banding project for Buffalo County Emergency Management Warning Sirens.
13. Have the first phase of the public education campaign completed by the end of 2012.
14. Make Buffalo County a Storm Ready County.

Darrin Lewis,
Buffalo County Emergency Management

