



Weather  
Corner

National Weather Service

**Tonight:** A 20 percent chance of showers and thunderstorms. Partly cloudy, with a low around 63. South wind 5 to 15 mph becoming north.

**Friday:** Partly cloudy, with a high near 83. North wind between 10 and 15 mph.

**Friday Night:** Partly cloudy, with a low around 60. North wind around 5 mph.

**Saturday:** A 20 percent chance of showers and thunderstorms. Mostly cloudy, with a high near 81. Breezy, with a south wind between 10 and 20 mph, with gusts as high as 30 mph.

**Saturday Night:** A 20 percent chance of showers and thunderstorms. Mostly cloudy, with a low around 64.

**Sunday:** Partly cloudy, with a high near 92.

**Sunday Night:** Mostly clear, with a low around 65.

**Monday:** Sunny, with a high near 91.

**Monday Night:** A 20 percent chance of showers and thunderstorms. Partly cloudy, with a low around 64.

**Tuesday:** Partly cloudy, with a high near 93.

**Tuesday Night:** A 20 percent chance of showers and thunderstorms. Mostly cloudy, with a low around 66.

**Wednesday:** A 20 percent chance of showers and thunderstorms. Mostly cloudy, with a high near 88.

Wednesday: High, 90; Low 66

Precip: Wed. 0.00 inches

Month: 3.16 inches

Year: 13.31 inches

Normal: 9.94 inches

(K-State Experiment Station)

Sunrise Friday 6:17 a.m.

Sunset Friday 9:14 p.m.

# Museum curator discovers fish fossil

HAYS – A Xiphactinus (pronounced zy-FACT-in-us) has been waiting for millions of years to be found in its final resting place near Glade.

Last summer, Mike Everhart, an adjunct curator at Fort Hays State University’s Sternberg Museum of Natural History, started digging it up.

The Xiphactinus is no stranger to Kansas. In fact, George M. Sternberg found the first Xiphactinus fossil in Kansas in 1870. The Sternberg family has found the majority of the Xiphactini on display in museums across the nation.

“It’s a fairly common fish in Kansas,” Everhart said, “but it’s hard to find one as complete as Sternberg’s ‘Fish-within-in-a-Fish.’”

The Glade dig has generated some interest from a film maker working on a Discovery Channel project, so along with the normal excavation crew and equipment, a film crew and cameras will accompany Everhart and his team on the dig.

The film company has done other work on prehistoric animals, including an episode at the Sternberg Museum for the History Channel’s “Prehistoric Monsters Revealed” in July 2008.

“I just returned from filming a documentary on Elasmosaurus in Philadelphia with them two weeks ago,” said Everhart, “so I know they do good work.”

The Xiphactinus was a predator from the late Cretaceous period that swam the oceans of what is now central North America. They grew as large as 17 or 18 feet in length and swallowed their prey in one big gulp.

“If it were around today, the Xiphactinus would put the ‘sport’ back in sport fishing,” said Everhart. “It had a mouth big enough to swallow most people whole.”

# Common practices can help carbon sequestration

MANHATTAN – Agriculture alone may not be able to mitigate global climate change, but certain practices can make a positive difference and in some cases, are cost-saving to producers, according to Chuck Rice, who is a University Distinguished Professor at Kansas State University.

Several agricultural and forestry practices can increase carbon sequestration, said Rice, who leads a team of scientists at 10 universities that comprises the Consortium for Agricultural Soils Mitigation of Greenhouse Gasses. He briefed members of the Senate Agriculture Committee in March and a Congressional committee of House and Senate members in April on the topic.

Rice, who is an agronomist, described the carbon sequestration practices that can be implemented on U.S. farms, including what they are and how they work:

- Continuous no-till: Producing crops without tilling the soil. There are variations on this, such as strip-till, reduced tillage, and ridge-till, but the research on whether those variations can se-

quester carbon is mixed. When soil is tilled, air is mixed into the soil and organic matter is oxidized by soil microbes, releasing a portion of the stored soil carbon. By avoiding all tillage, no-till production avoids oxidizing organic matter, so more of the plant organic carbon remains in the soil every year. Tillage also makes the soil more susceptible to erosion. Also, no-till farming reduces fuel use, which cuts CO2 emissions. Applying manure to the soil, along with no-till farming, often results in even greater levels of carbon sequestration.

- Increased crop biomass production: Producing more biomass per acre per year. Examples include the production of higher crop or forage yields, more intensive rotations, cover crop production, elimination of unplanted fallow periods, and the use of higher residue crops, such as corn, grain sorghum, and wheat.

More plant production leads to more carbon being fixed by the plants into organic materials in roots, stems, leaves, and seed. Part of this organic carbon remains in

the soil, and eventually becomes incorporated into soil organic carbon. When fields are fallowed, no crop is produced and this reduces the amount of plant material entering the soil system. Continuous cropping, or using cover crops to replace fallow, keeps plant material production at the highest possible level, increasing soil carbon levels.

- New grass plantings: Any new perennial grass plantings, such as Conservation Reserve Program ground, new pasture ground, reclaimed land, grass waterways, and buffer strips. Perennial grass plantings establish long-term areas of plant material on soil that

is undisturbed by tillage. Grasses incorporate considerable carbon into the soil through photosynthesis, and the production of roots and stems in the soil. This organic material eventually decomposes and adds to the soil organic carbon pool in the soil. As grass stands mature over a period of 20 to 30 years, they reach a natural equilibrium in which carbon input through photosynthesis is balanced by carbon emissions through respiration.

- Improved grazing land management methods: Regular use of proper grazing methods and properly timed prescribed burning for certain grass species to increase

forage production. The goal is to increase forage production, which will increase the amount of plant organic carbon production and result in an increase in soil organic carbon. Another practice grazing land managers can do is to improve grazing distribution if there are areas of the grazing land that are eroded by animals. This will help protect existing soil carbon levels by reducing soil erosion.

More information about carbon sequestration, including the role agriculture can play and economic implications, is available on the K-State Web site [www.soilcarboncenter.k-state.edu](http://www.soilcarboncenter.k-state.edu).

# Area crops hit hard by hail

From “CROPS,” Page 1

take advantage of it. They will have to decide in the next 10 days.”

Olsen, who serves several counties, said parts of Rawlins and Decatur counties also had some hail.

As of Tuesday, only 9 percent of the Kansas wheat crop was ready to cut, compared to 12 percent at this time last year, says the Kansas Agricultural Statistics Service.

The agency said that in an average season, nearly 41 percent would be ready to cut.

Elevators in Kiowa, in Barber County in south-central Kansas, on the Oklahoma/Kansas border,

took 168 bushels on Saturday. Elevator operators there said the harvest should get going this week.

Salina also reported their first load the same day, which is unusual. The first test load was running better than 60 pounds to the bushel, elevator men reported.

The crop report said that south-central Kansas received less than an inch of rain on Sunday, and that with wind in the forecast, the fields could dry out and harvest could get going anytime.

The report rated 7 percent of the state’s wheat as excellent, 42 percent good, 32 percent fair, 14 percent poor and 5 percent very poor.

# Council considers school loading zone

From “COUNCIL,” Page 1

Armstrong said about 60 homes used more than two tipper cans. The utility billing department is going to verify that these customers own more than two cans and they will send a letter informing the homeowner or resident about the additional charge.

- Authorized Theron Froggate of the bond firm Oppenheimer and Co. to take bids on temporary notes to pay for the Sewell Avenue paving project. Temporary notes are used when the city borrows money from a bank on a short-term basis, Armstrong said.

Oppenheimer has chosen UMB Bank in Kansas City to buy the \$190,000 in temporary notes at 2 percent interest. The notes will be dated July 1; the loan eventually will be combined with the temporary notes for the lighting on the baseball fields at Colby Recreation Complex and the new fire station.

The loans for those two projects will be \$350,000 at 3 percent interest and \$140,000 at a 2.8 percent. These notes are also being covered by UMB Bank. The temporary notes from all three projects will be paid back by selling long-term general-obligation bonds. The lighting of the ball fields and the paving project will be paid back in 10 years and the fire station costs will be paid back over 20 years, Armstrong said. The bids for the bonds will be done later this year, she said

- Listened to Mike Allen, who said he is willing to purchase Michael Lewallen’s property at 505 S. Lincoln Ave. and clean it up. If he had not offered to clean up the property, it could have been demolished by the council. The members were planning to vote on whether to demolish the house at the meeting, but they agreed to let Lewallen try to clean it up. He told the council he would take care of the back taxes also. He lives across from the property and said he doesn’t want a vacant house across from his.

- Approved a request by Citizens Medical Center for a waiver to allow the hospital to put a propane tank on hospital grounds to provide a back-up fuel source for emergency generators. Kevin Trenkle, vice president and chief financial officer at the hospital, told the council a privacy fence would be built around the tank. At Armstrong’s recommendation, the council voted in favor of allowing a propane tank to be installed in facilities with people on life support, but no place else in the city.

- Approved a certificate of substantial completion on the new fire station, which allows the council to pay the architects, Strait and Associates, for their work on the project.

- Tabled taking action on Scott Barnum’s property north of East Eighth Street along the railroad right-of-way. Members and city officials agreed that Barnum had made significant improvements in cleaning up his property.

- Decided to approve a request from the Western Child Advocacy Center for \$1,500 in the 2009 budget.

- Approved the annual agree-

ment with Thomas County to share the costs of dispatch services. The services will cost \$2,842 more than they did last year, Armstrong said. The two government entities will split the costs with the city paying 57 percent and the county 43 percent. This adds up to \$123,733 for the city and \$93,342 for the county.

Armstrong said the two are working their way to a time when each will pay half of the costs. Armstrong said the city, in return, provides the county with radio work for the ambulance and the sheriff’s department.

- Approved having Jerry McKenzie of MGT of America doing a review of the water and electric rates for \$3,750.

“The rate review in the electric fund will include a separation of generation and transmission costs so we can prepare an appropriate tariff for wind energy if the need arises,” Armstrong said.

The city will have to figure out how to assess the costs of incorporating wind energy into their electric system, she said, since Colby Community College is expected to install a 1.9-kilowatt wind turbine on the campus in the spring.

- Agreed to approve purchasing a new heating, ventilating and air conditioning unit for the north side of city hall from C.B. Heating for \$8,200. One of two compressors on the old unit is broken, said Armstrong.

- Approved an audit of the 2008 budget by Adams, Brown, Beran and Ball. Armstrong said Debbie Zerr, city finance director, spends a lot of time working on the audit and she appreciates everything she does in maintaining the city’s financial information.

We want your local news: e-mail to [colby.editor@nwkansas.com](mailto:colby.editor@nwkansas.com)

MOVIES

**NOW SHOWING**  
June 19th - June 25th

**DRAG ME TO HELL**  
PG-13 1 Hour, 39 Minutes  
Friday & Saturday 7:00 & 9:00  
Sunday - Tuesday 7:00

**LAND OF THE LOST**  
Starring - Will Farrell  
PG-13 1 Hour, 40 Minutes  
Friday & Saturday 7:00 & 9:00  
Sunday - Thursday 7:00

**TRANSFORMERS: REVENGE OF THE FALLEN**  
Starring - Shia LaBeouf  
PG-13 2 Hour, 27 Minutes  
Wednesday & Thursday 7:00


**FREE SUMMER MATINEE**  
**STUART LITTLE**  
Tuesday, June 23rd @ 2:00 p.m.  
PG 1 Hour 25 Minutes  
Sponsored by: *Farm & Ranch Realty, American Legion Post #363*

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LET'S GO TO THE MOVIES

LOCAL TV LISTINGS

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Saturday Evening											June 20, 2009	
	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30		
KAKE/ABC	Wipeout		Castle		Eli Stone		Local					
KBSL/CBS	Without a Trace		Harper's Island		48 Hours Mystery		Local					
KSNK/NBC	Kings		Law & Order		Law & Order: SVU		Local		Saturday Night Live			
KSAS/FOX	Cops	Cops	Most Wanted		Local		MADtv		Talkshow		Local	
Cable Channels												
A & E	CSI: Miami		CSI: Miami		CSI: Miami		The Sopranos		CSI: Miami			
AMC	The Whole Nine Yards				Road House						Whole 9	
ANIM	It's Me or the Dog		Groomer Has It		Cats 101		Groomer Has It		It's Me or the Dog			
BRAVO	Housewives		Housewives		Miss Congeniality 2						Miss C 2	
CMT	Can You Duet				The Singing Bee		Can You Duet					
CNN	Campbell Brown		Larry King Live		Newsroom		Campbell Brown		Larry King Live			
COMEDY	Beerfest				Jackass 2.5		Idiocracy					
DISC	Deadliest Catch		Deadliest Catch		Deadliest Catch		Deadliest Catch		Deadliest Catch			
DISN	High School Musical		High School 2				Wizards		Montana	The Suite	Cory	
E!	Three Men and a Baby				Saturday Night Live		The Soup		Chelsea	Jon Kate	Wildest	
ESPN	College Baseball				Baseball Tonight		SportsCenter		Baseball Tonight			
ESPN2	Countdown				NASCAR Racing				SportsCenter			
FAM	Grease					Grease 2						
FOOD	Grill Girls		Grill Fest-Bch		BBQ Unwrapped		Iron Chef America		Grill Fest-Bch			
FX	XXX		Rocky Balboa				Nip/Tuck		Nip/Tuck			
HGTV	Divine	Genevieve	Color	House	House	Top 10	Rate	Design	Divine	Genevieve		
<div></div> <div><h2>We Celebrate Hometown Life</h2><p>Stories from hometowns just like yours. Look for us each week in this paper.</p></div>												
HIST	Air Force One		The Presidents		Andrew Jackson							
LIFE	Video Voyeur		The Governor's Wife				The Governor's Wife					
MTV	MTV Special		MTV Special		Idle Hands				DJ Fro		DJ Fro	
NICK	iCarly	Jackson	Naked	iCarly	Lopez	Lopez	The Nanny	The Nanny	Fam. Mat.	Fam. Mat.		
SCI	Ultraviolet		Equilibrium						Dick Tracy			
SPIKE	The Ultimate Fighter		The Ultimate Fighter						Joe Rogan Spcl			
TBS	Fun With Dick & Jane		O Brother, Where Art				Fun With Dick & Jane					
TCM	Random Harvest				The Bad Seed				30 Tokyo			
TLC	48 Hours: Hard		48 Hr-Evidence		48 Hr-Evidence		48 Hours: Hard		48 Hr-Evidence			
TNT	Last Holiday				Pursuit-Happy				Drumline			
TOON	BrainRush	Destroy	Otherside	Survive	King-Hill	King-Hill	The PJs	Boondocks	Star Wars	Bleach		
TRAV	Dream Riders				Brown		Cruises	Surf Patr	Surf Patr	Dream Riders		
TV LAND	Griffith	Griffith	Griffith	Griffith	Cosby	Cosby	Cosby	Cosby	She's Got the Look			
USA	National Treasure						Law Order: CI		Law & Order: SVU			
VH1	Charm School		Daisy of Love		Brooke		Brooke	Hotties 90s				
WGN	Return to Me				WGN News at Nine		Return to Me					
Premium Channels												
HBO	X-Files: Believe				True Blood		Get Smart					
MAX	American Gangster				Babylon A.D.				Coed	Sex Games	Babylon	
SHOW	Nurse	Weeds	Shooter						Into the Wild			
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Sunday Evening											June 21, 2009	
	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30		
KAKE/ABC	Extreme-Home		Impact				Local					
KBSL/CBS	Million Dollar		Cold Case		Without a Trace		Local					
KSNK/NBC	Merlin		Merlin		Law & Order: SVU		Local		Dateline NBC			
KSAS/FOX	Simpsons	King-Hill	Fam. Guy	Amer Dad	Local							
Cable Channels												
A & E	Dog	Dog	Gene Simmons		Hammertime		Simmons	Simmons	Dog	Dog		
AMC	Ghostbusters					Ghostbusters II						
ANIM	Headline Attacks		More Headline		Whale Wars		Headline Attacks		More Headline			
BRAVO	Law Order: CI		Housewives		Law Order: CI		Law Order: CI		Law Order: CI			
CMT	Music Awards				The Singing Bee		Can You Duet					
CNN	Campbell Brown		Larry King Live		Newsroom		State of the Union		Larry King Live			
COMEDY	Waiting ...				Jackass: Number Two							
DISC	MythBusters		MythBusters		Somali Pirate		MythBusters		MythBusters			
DISN	Sonny	Jonas	Herbie: Fully Loaded				Wizards	Montana	The Suite	Cory		
E!	Keep Up	Keep Up	Keep Up	Jon Kate	Kendra	Richards	The Soup	Chelsea	Kendra	Richards		
ESPN	MLB Baseball						SportsCenter		SportsCtr			
ESPN2	Series of Poker		Series of Poker		Series of Poker		Series of Poker		SportsCenter			
FAM	Stick It				Stick It				J. Osteen Feed			
FOOD	Challenge		Next Food Star		The Best The Best		Play	Play	Next Food Star			
FX	Rocky Balboa		The Marine				Rescue Me		Phone Booth			
HGTV	Income	For Rent	House	House	\$250,000 Challenge		Estate	Renovatn	Income	For Rent		
HIST	Ice Road Truckers		Ice Road Truckers		Expedition Africa		Life After People		Ice Road Truckers			
LIFE	Memory Keeper		Army Wives		Army Wives		Grey's Anatomy		Army Wives			
MTV	Run	Run	DJ Fro	DJ Fro	Library	Library	Going Out	Going Out	Real World-Rd			
NICK	Mr. Troop Mom				Lopez Lopez		The Nanny	The Nanny	Fam. Mat.	Fam. Mat.		
SCI	Mimic 3: Sentinel		Rise-Gargoyles				Gargoyles: Darkness					
SPIKE	Ultimate Knockouts 6		Ultimate Knockouts 7		Guys Choice 2009				Guys Choice 2009			
TBS	Ocean's Eleven				Ocean's Eleven				Secondhd			
TCM	Father of the Bride				Father's Little Dividend			The Bad and the Beautiful				
TLC	Obese and Pregnant		Twins by Surprise		Mermaid Girl		Obese and Pregnant		Twins by Surprise			
TNT	NASCAR		The Da Vinci Code				The Client					
TOON	Spy Kids 3-D		Total	Star Wars	King-Hill	Fam. Guy	Fam. Guy	Robot Chicken				
TRAV	Man/Food	Man/Food	Extreme Terror Rides		Extreme Waterparks		You Game?	Man/Food	Man/Food	Man/Food		
TV LAND	Griffith		M*A*S'H	M*A*S'H	M*A*S'H	M*A*S'H	M*A*S'H	M*A*S'H	Roseanne	Roseanne		
USA	House		Law Order: CI		In Plain Sight		Burn Notice		Law Order: CI			
VH1	Daisy of Love		Daisy of Love		Brooke	Daisy of Love	Brooke	Charm School				
WGN	Newhart	Newhart	Newhart	Newhart	WGN News Replay		Bewitched	Bewitched	Jeannie	Jeannie		
Premium Channels												
HBO	X-Files: Believe		True Blood		Entourage		Entourage		True Blood		The Dark Knight	
MAX	Strangers		Babylon A.D.		Joe Dirt				Forbidden		Speed	
SHOW	Dexter		Dexter		Weeds		Nurse	Gardens of the Night				
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