

Prolonged Summer Heat Wave Could Stress Livestock, Horses & Pets



Eric Baker
Estill County Extension Agent for Agriculture & Natural Resources

Kentucky is having an extended period of mostly dry conditions and a prolonged heat wave. This creates dangerous conditions for livestock, horses and pets.

This weather pattern will create a prolonged situation where the livestock heat stress index can move from the danger category to emergency category. "Air temperature and humidity can combine into a one-two punch that makes it hazardous for people and animals,"

UK meteorologist Matthew Dixon said. "Dew point temperatures above 65 degrees lead officials to declare livestock heat stress emergency alerts."

The UK Agricultural Weather Center developed the Livestock Heat Stress Index helps producers know when heat stress could create a problem for their animals. Periods of heat stress call for livestock producers to be vigilant in making sure their animals are able to withstand the conditions.

UK dairy specialist Jeffrey Bewley said the most important things producers can do are to provide cool, clean water and shade, with buildings as open as possible to help keep animals' internal body temperature within normal limits. Sprinkler systems that periodically spray a cool mist on the animals also are beneficial. "To keep cattle from becoming overheated, you do not want to work them during heat stress conditions, including veterinary work, reproductive checks or vaccinations," Bewley said.

Producers should also avoid transporting livestock

during a heat danger or emergency period. If they must move animals during this time, producers should try to do so with fewer animals per load. Planning trips so producers can load animals immediately before leaving and quickly unload upon arrival can help minimize the risk.

Regulating body temperature becomes difficult for horses when temperatures exceed 90 degrees, so avoid exercising them during very hot periods. When humidity is high, temperatures much lower than 90 degrees can pose problems.

Horse owners can reduce heat stress by scheduling activities during the cooler part of the day and giving horses plenty of water. Transporting horses during the cooler hours of the morning or evening can help. To reduce the risk of dehydration and heat stress, give horses access to water before, during and after transportation in hot weather.

Offer horses frequent drinks of water during work in hot weather. Allowing them to drink during work helps maintain water balance and relieves the urge to drink a lot of water after exercise. After a hard workout, water horses out gradually. Even non-working horses will double their water intake during hot weather, so be sure plenty of water is available to horses in pastures, paddocks and stalls. Lactating mares will have especially high water requirements, because they are using water for milk

production and regulating body temperature.

Hot weather also will increase horses' need for salt, because salt is lost during sweating. Heavy rains can "melt" salt blocks in pastures, so salt licks should be checked.

Pet owners should provide fresh, clean water at all times and make sure outdoor pets have areas of shade. It's also a good idea to limit exercise on hotter days. Never leave pets in a parked car, as temperatures inside can quickly reach dangerous levels and pets can suffer irreversible organ damage or death.

Visit the UK Ag Weather Center website at <http://weather.uky.edu> to keep up with current weather, forecasts, heat stress indices and more. You can also contact the Estill County Cooperative Extension Service at 723-4557.

Educational programs of the Cooperative Extension Service serve all people regardless of race, color, sex, religion, disability or national origin.

Estill County Farmers Market

If you want to buy locally grown vegetables and other locally produced items, the Estill County Farmer's Market is open Friday's 4:00 p.m. to 8:00 p.m. at the Estill County fairgrounds on South Irvine Road. On the second Tuesdays of each month, the market is open 10:00 a.m. to 2:00 p.m. at the Estill County Extension Service off Stacy Lane.

Wishing Well®

4	2	5	3	6	2	6	3	6	2	8	2	7
H	E	T	A	Y	X	O	C	U	P	D	E	Y
6	2	7	4	2	8	3	8	2	5	2	5	3
C	C	O	A	T	A	H	R	T	H	O	I	A
4	5	3	7	3	7	4	6	4	3	5	3	4
R	N	N	U	G	R	M	O	O	E	K	O	N
2	4	8	3	4	7	2	7	4	3	5	2	5
W	Y	E	F	A	L	I	U	T	S	P	N	O
8	4	3	8	4	3	6	5	3	4	6	3	8
T	H	C	O	O	E	P	S	N	M	E	E	B
4	8	5	8	5	3	5	7	5	3	5	7	6
E	E	I	B	T	R	I	C	V	Y	E	K	B
8	6	8	7	8	6	7	8	7	6	7	6	6
R	E	A	Y	V	T	D	E	A	T	Y	E	R

HERE IS A PLEASANT LITTLE GAME that will give you a message every day. It's a numerical puzzle designed to spell out your fortune. Count the letters in your first name. If the number of letters is 6 or more, subtract 4. If the number is less than 6, add 3. The result is your key number. Start at the upper left-hand corner and check one of your key numbers, left to right. Then read the message the letters under the checked figures give you.

©2016 King Features Syndicate, Inc. All rights reserved.

CryptoQuip

This is a simple substitution cipher in which each letter used stands for another. If you think that X equals O, it will equal O throughout the puzzle. Solution is accomplished by trial and error.

Clue: **B** equals **O**

CKZX M SMXEOOP SBLXY VP

OBXH-VMQUOEFZY KBOZ-

ULXFKMXH WBBO, M EXXBLXFZY

"ECO MQ XBW OBQW."

© 2016 King Features Synd., Inc.

CryptoQuip puzzles \$3.50 • 24 Volumes • Order at: rbmamall.com

CryptoQuote

AXYDLBAAXR
is **LONGFELLOW**

One letter stands for another. In this sample, **A** is used for the three L's, **X** for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each week the code letters are different.

GKX HNL GBAHKDLA BM WTY

CTHTYLA EL BMCBMBHLAGKQ

IWGOKYLR HW HNWAL BM WTY

OKAHA. — LBQLLM GKAWM

©2016 King Features Synd., Inc.

New! CryptoQuote puzzles \$3.50 • 6 Volumes • Order at: rbmamall.com

Puzzle Answers July 27, 2016

Puzzles4Kids Answer

What is a shark's favorite sandwich?
Peanut butter and jellyfish.

FEAR & KNIGHT answer

N													
T	E	A											
O	P	R	I	D	E								
T	R	E	K										
S	I												
O	R	N	A	T	E								
E													
A	L	O	F	T									
D													

Letter Box Solution

E	O	P	V	A	L	I	H	D
V	A	L	I	D	H	O	P	E
D	I	H	P	E	O	L	A	V
H	L	V	D	P	I	A	E	O
A	D	O	H	V	E	P	L	I
I	P	E	O	L	A	V	D	H
O	H	A	L	I	D	E	V	P
P	E	D	A	O	V	H	I	L
L	V	I	E	H	P	D	O	A

STATES WITH A PLACE NAMED COLUMBUS

A	N	A	I	D	N	I					
M	I	N	N	E	S	O	T	A	L		
V	I	G	D	E	N	L					
A	R	S	T	R	A	W	I				
K	U	N	K	O	K	Y	N	L			
S	O	O	C	E	O	O	O				
K	A	N	S	A	S	C	U	I	G	T	R
A	R	S	T	A	K						
X	B	I	N	C							
E	O	C	I	X	E	M	M	E	N		
A	N	A	T	N	O	M	K				

CryptoQuip answer

When I finally found my long-misplaced hole-punching tool, I announced "Awl is not lost."

CryptoQuote answer

May the mistakes in our futures be infinitesimal compared to those in our pasts. — Eileen Mason

Even Exchange answers

1. Clover, Closer
2. Ringo, Bingo
3. Farmer, Firmer
4. Banter, Banner
5. Chart, Charm
6. Sweet, Sleet
7. Diaper, Dipper
8. Stork, Store
9. Alone, Atone
10. Cruise, Bruise

Weekly SUDOKU

Answer

2	9	6	8	5	7	3	4	1
1	3	5	4	6	2	8	9	7
7	4	8	3	1	9	6	2	5
8	6	2	9	3	1	5	7	4
3	7	1	5	8	4	9	6	2
4	5	9	7	2	6	1	8	3
9	1	4	6	7	3	2	5	8
5	2	7	1	9	8	4	3	6
6	8	3	2	4	5	7	1	9

King Crossword Answers

Solution time: 24 mins.

B	L	A	B	A	G	A	R	S	U	E	
R	I	M	E	B	A	S	E	A	N	D	
A	R	I	D	B	U	S	T	R	I	G	
D	A	D	O	A	L	I	B	I	T	E	
F	C	C	S	S	E						
F	A	I	R	L	I	N	D	E	E	D	
I	G	L	O			A	O	R	T	A	
B	A	L	S	A	M	A	F	F	R	A	Y
E	K	E	R	U	N						
R	A	G	S	T	I	C	A	I	D	S	
H	U	E	I	T	C	H	I	D	E	A	
E	L	M	S	L	O	E	L	O	L	L	
A	D	S	M	E	N	D	S	L	I	T	

Bible Trivia Answers

Casey's trivia book "Know It? ... or Not?" is available from BearManorMedia.com

ANSWERS: (1) Ne! (2) Depths of sea; (3) Omega; (4) Washpot; (5) the;

The Garden Bug

Staying hydrated in the heat

Drink an hour or two before you begin outside work. Do higher-intensity garden chores during cooler morning hours, and easier work (or rest) during the middle of day. You should work through 8 ounces of fluid every 40 minutes or so. For working outside less than 40 minutes, water is fine. For anything over 40 minutes, you will need sugar and salt in your fluid, as is found in sports drinks.

Source: www.webmd.com

Attention Veterans

A Veterans Benefits Field Representative will be at the National Guard Armory, 335 Cow Creek Road, Ravenna, on Thursday, August 4th and normally the first Thursday of each month. The hours are 1:30 p.m. until 3:30 p.m. Veterans and their dependants will receive assistance filing for Federal and state veterans benefits. This service is provided free of charge by the Kentucky Department of Veterans Affairs. To apply, veterans need to furnish copies of pertinent documentation to verify eligibility. For further information, please call toll free within Kentucky, 1-866-376-0308, to speak with a Veterans Benefits Field Representative.

Stickeler's Puzzle

STICKELERS [sic]

by Terry Stickels

?			*		▽		●	
●			▽	*			●	
*		▽		●	*			▽
*			▽				*	
▽		●		*		●		

Which figure below belongs above?

●	▽	●	●
*		*	*

A. B. C. D.

©2016 King Features Syndicate

Stickeler's Answer on Page 11

The Garden Bug

Also known as a "milk bush," this plant is a native to tropical Africa and India, but it requires little water and is often sold in pots as a kind of "cactus." The toxicity of its milky sap is so intense that even a small drop of it can cause severe irritation, redness and burning sensations, and contact with or near the eyes can cause profound pain and temporary blindness. Use gloves and goggles when handling, and be very careful!

— Brenda Weaver
Source: www.gardeningcentral.org, wikipedia.org

PAINTED ROOFING METAL

We offer 16 colors of our #1 grade metal roofing tin cut to the inch. Now with a 40-year warranty, this ensures a roof that will last for years. Higher Gauge -- Same Low Prices!! We carry all metal roofing accessories! Phone in or Fax orders welcome

Call 606-593-7080

We now accept Credit & Debit Cards!

Wolf Creek Metal

Open five days for your convenience

Mon. -Fri. 8am-5

LOCATED 1.5 miles south of Booneville, KY on Hwy. 11 in the Lone Oak Industrial Park

Birding BITS BY Cindy Brook

Rowdy Bunch
Play host to the larger bird crowd. Peanuts in the shell (unsalted) tossed on the ground will bring blue jays, grackles, American crows and many woodpeckers. Sure these birds can be a bit noisy, but they are just as entertaining and beautiful as smaller birds.

E-mail: birdingbits@clrr.com
© 2011 King Features Syndicate, Inc.

top ten

WORLD'S FASTEST GROWING ECONOMIES

1. Myanmar
2. Ivory Coast
3. Bhutan
4. India
5. Laos
6. Iraq
7. Cambodia
8. Tanzania
9. Bangladesh
10. Senegal

Source: World Economic Forum
© 2016 by King Features Syndicate, Inc. World rights reserved.

Little Mountains 11TH ANNUAL COIN & KNIFE SHOW

Buy, Sell or Trade

SATURDAY, SEPT 10TH

8:00AM to 5:00PM

Estill Co. Fairgrounds Event Building
38 S. Irvine Road, Irvine, KY

Free Admission and Free Parking

Vendors please call (606) 723-6682 to reserve a slot
40-table show -- \$15.00 per booth
(There will be concessions sold)