


THE PRESS & DAKOTAN WEATHER CENTER


Yankton's Forecast

Wednesday  
24




Mostly sunny, a few nighttime t-storms  
Wind: SW, 0 to 10  
High: 85°  
Low: 64°

Thursday  
25




Scattered thunderstorms  
Wind: S, 5 to 15  
High: 84°  
Low: 63°

Friday  
26




Comfortable, a few thunderstorms  
Wind: NE, 0 to 10  
High: 80°  
Low: 60°

Saturday  
27



Mostly sunny, very pleasant  
High: 78°  
Low: 59°

Sunday  
28



Partly cloudy  
High: 80°  
Low: 62°

Yankton Almanac

Temperature

Yesterday's High / Low 75° / 61°  
Normal High 88°  
Normal Low 63°  
Record High 111° in 1940  
Record Low 47° in 1891  
Last Year High / Low 102° / 75°

Precipitation

Yesterday's 0.00"  
Month to date 1.30"  
Year to date 16.55"  
Avg. year to date 14.64"  
Maximum this date 0.96" in 1977

Sun and Moon

Sunrise Sunset


Today 6:13 AM 8:59 PM  
Tomorrow 6:14 AM 8:58 PM

Moonrise Moonset

Today 9:59 PM 8:39 AM  
Tomorrow 10:31 PM 9:52 AM

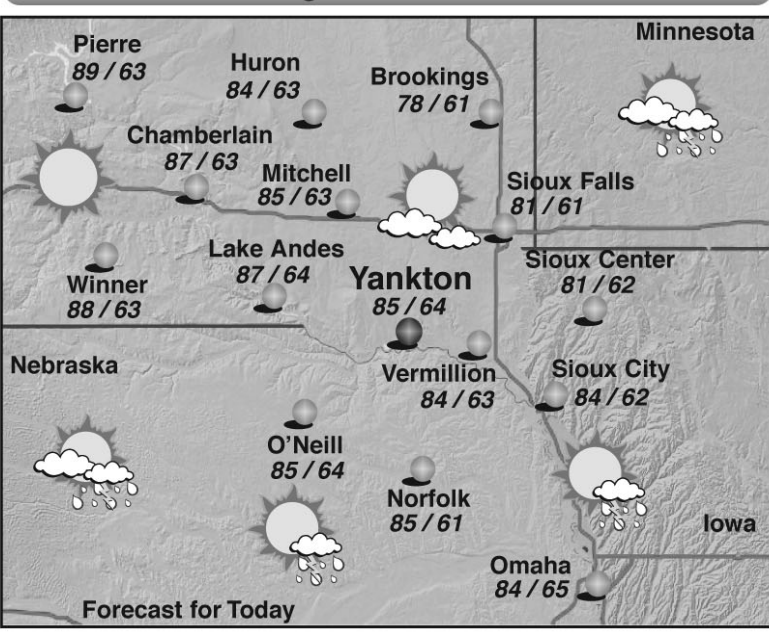
Last New First Full

Aug. 29 Aug. 6 Aug. 14 Aug. 21

Maps & Forecast Produced by:  
  
DayWeather, Inc.  
www.dayweather.com

Weatherkey: su-sunny, pc-partly cloudy, mc-mostly cloudy, c-cloudy, th-thunderstorm, sh-showers, r-rain, sn-snow, fl-flurries, w-wind

Regional Forecast



Forecast for Today

	Today	Tomorrow	Today	Tomorrow
	Hi Lo W	Hi Lo W	Hi Lo W	Hi Lo W
S. Dakota	83 59 pc	81 59 th	84 63 pc	84 64 th
Aberdeen	83 59 pc	81 59 th	84 63 pc	84 64 th
Brookings	78 61 th	79 59 th	79 60 th	79 59 th
Custer	80 53 th	75 51 th	79 60 th	79 59 th
Deadwood	81 54 th	76 55 th	79 60 th	79 59 th
Mobridge	85 60 pc	83 60 th	84 62 pc	84 64 th
Huron	84 63 pc	83 61 th	84 62 pc	84 64 th
Mitchell	85 63 pc	83 62 th	84 62 pc	84 64 th
Pierre	89 63 su	86 63 th	85 61 pc	84 63 th
Rapid City	87 63 th	81 62 th	85 63 pc	85 65 th
Sioux Falls	81 61 th	81 61 th	84 65 pc	85 67 th
Vermillion	84 63 pc	84 63 pc	84 64 th	84 64 th
Waterbury	84 63 pc	84 63 pc	84 64 th	84 64 th
Winner	88 63 pc	88 63 pc	88 63 pc	88 63 pc
Des Moines	81 62 pc	84 66 pc	81 62 pc	84 66 pc
Sioux City	84 62 pc	84 64 th	84 62 pc	84 64 th
Nebraska	85 61 pc	85 61 pc	85 61 pc	85 61 pc
Norfolk	85 61 pc	85 61 pc	85 61 pc	85 61 pc
Lincoln	85 63 pc	85 63 pc	85 63 pc	85 63 pc
Omaha	84 65 pc	84 65 pc	84 65 pc	84 65 pc

National Forecast

Location:	Today	Tomorrow
	Hi Lo W	Hi Lo W
Anchorage	74 54 sh	72 57 sh
Atlanta	88 70 th	89 70 th
Boston	85 62 th	75 64 sh
Chicago	74 63 pc	79 66 su
Dallas	102 79 pc	101 79 pc
Denver	86 63 th	87 60 th
Detroit	74 60 pc	78 63 pc
Green Bay	76 55 pc	77 62 th
Houston	96 76 pc	97 76 pc
Kansas City	84 65 pc	86 68 pc
Las Vegas	103 85 th	107 85 th
Los Angeles	81 67 su	80 66 su
Miami	86 76 th	87 76 th
Minneapolis	77 62 pc	80 61 th
New York City	87 63 th	81 66 pc
Philadelphia	87 62 pc	84 65 pc
Phoenix	106 87 pc	107 86 th
San Francisco	67 55 pc	65 55 su
Seattle	74 57 su	73 57 su
Tampa	91 74 th	92 78 th
Washington, D.C.	86 65 th	83 67 pc

AG Information

Lowest Relative Humidity 49%  
Hours of Sunshine 11  
Pan Evaporation 0.25"  
4" Soil Temperature 78

Gavins Point Dam

Lake Temperature 76  
Lake Elevation 1,205.99  
Discharge 25,500 cfs  
Spillway Release 0 cfs  
Tailwater 1,155.55

ON THIS DATE

75 YEARS AGO

Sunday, July 24, 1938  
No paper.

50 YEARS AGO

Wednesday, July 24, 1963  
• Lt. Cmdr. Clayton Studebaker and his family were informed that they were the 12 millionth visitors and would be recognized. Lt. Cmdr.

BOARD OF TRADE

CHICAGO (AP) — Grains futures were lower Tuesday on the Chicago Board of Trade.  
Wheat for September delivery was down 6 cents at \$6.5375 a bushel; September corn fell 18.25 cents to \$5.2250 a bushel; September oats were 4.25 cents lower at \$3.5275 a bushel; while August soybeans

plummeted 57.75 cents to \$14.6250 a bushel.  
Beef and pork prices were higher on the Chicago Mercantile Exchange.  
August live cattle rose 0.03 cent to \$1.2190 a pound; August feeder cattle rose 0.68 cent to \$1.5360 a pound; August lean hogs rose 2.05 cents to \$0.9917 a pound.

YANKTON COURTS

CASES DISPOSED JUNE 21-27, 2013

Christina Werner, Volin; Municipal speeding, \$99  
Benjamin J. Kotalik, Tabor; Seat belt violation, \$25  
Ryan Joseph Heenan, 410 Burleigh, #3, Yankton; Municipal lewdness, \$130  
Michael John Boyle, Avon; Speeding on other roadways, \$105  
Justin A. Avery, Bloomfield, Neb.; Failure to make proper stop at stop intersection, \$120  
Kimberly Kay Rempp, 1114 Timberland Drive, Yankton; Seat belt violation, \$25  
Jackson Harris 1106 Pasque Ct., Yankton; Speeding on other roadways, \$85  
Patricia Ann Heine, 3001 Douglas Ave., Yankton; Speeding on other roadways, \$85  
Ryan Koch, Hartington, Neb.; Seat belt violation, \$25  
Carl David Johnson, 317 Pearl St., Yankton; Fail to maintain financial responsibility, dismissed-motion by court  
Raymond Charles Pool, Sioux Falls; Overweight on axle, \$188  
Michael Mauch, Fordyce, Neb.; Tow trailer without safety chains, \$120  
Javier Renteria, 717 Mulberry Dr., Yankton; No drivers license, \$120  
Anthony Frank Arneson, 139 Summer St., Yankton; Limited exemption certain vehicles hauling ag products, \$186  
Justin Rea Zuraff, Sioux Falls; Speeding on other roadways, \$85  
Sarah Marie Swensen, 1100 W. 11th St., Yankton; Speeding on other roadways, \$105  
Keith A. Maurer, Columbus, Neb.; Speeding on other roadways, \$125  
Patricia Abdouch, Pickstown;

Speeding on a state highway, \$105  
Michael Ludens, Hurley; Seat belt violation, \$25  
Jonathan Richard Schaeffer, Viborg; Seat belt violation, \$25  
Bobbi Jo Brink, Platte; Speeding on other roadways, \$85  
Charles Lebeda, Murdo; Parking/standing violation, \$101.50  
Curtis Dwight Olivier, 184 Oak Hills Drive, Yankton; Seat belt violation, \$25  
Charles Vernon Davis, 512 W. 2nd St., Yankton; Seat belt violation, \$25  
Dominic Gerald Hans, Mission Hill; Failure to make proper stop at stop intersection, \$120  
Dennis L. Cropper, Tyndall; Speeding on a state highway, \$85  
Kevin Sarekhani, Vermillion; Speeding on other roadways, \$105  
Allen Lippert, Chamberlain; Failure to make proper stop at stop intersection, \$120  
Jeannette K. Voelzke, 1002 Riverview Ln., Yankton; Municipal speeding, \$79  
Tyler J. Harmelink, 100 Broadway Ave., Yankton; Speeding on other roadways, \$85  
Jeremy James Davis, Irene; Careless driving, \$120  
Christopher Gage Baldrige, 608 W. 8th Street, Apt. A, Yankton; No drivers license, \$120  
Elisabeth Matilda Lyons, Clarksville, Tenn.; Seat belt violation, \$25  
Melissa Kay Adams, 702 Walnut St., Apt. #2, Yankton; Allow unauthorized person to use vehicle, \$120  
Christopher Lee Williams, 807 Bill Baggs Rd., #32, Yankton; Possess tools/weapon, intending to commit burglary, \$1104 plus 21 days in jail suspended imposition of sentence based on conditions of court; Burglary-3rd degree, dismissed-motion by prosecutor; Possession controlled substance, dismissed-motion by prosecutor; Petty theft 2nd degree-\$400 or less, dismissed-motion by prosecutor; Petty theft 2nd degree-\$400 or less, dismissed-motion by prosecutor; Burglary-3rd degree, recharged; Possession controlled substance, recharged  
David John Spangler, 1003 Memory Ln., #B2, Yankton; Grand theft, \$1104 plus \$2398 restitution plus 105 days in jail with 105 days credited based on conditions of court; Burglary-3rd degree, no disposition; Intentional damage to property-\$400 less-3rd degree, no disposition  
Eric Michael Seitz, Freeman; Control sub from dif medical practitioner, \$384 plus \$63.11 restitution based on conditions of court; Control sub from dif medical practitioner, dismissed-motion by prosecutor; Control sub from dif medical practitioner, dismissed-motion by prosecutor  
Jimmy Allen Lee, 1022 W. 9th St., Yankton; Driving under influence-2nd of, dismissed-motion by prosecutor  
James Sayles, 702 Walnut St., #2, Yankton; No proper license plates on vehicle, \$120; No drivers license, \$120  
Elisabeth Matilda Lyons, Clarksville, Tenn.; Seat belt violation, \$25  
Douglas Roy Bryson, Canton; Driving under influence-2nd of, \$678 plus license revoked for 1 year plus 60 days in jail with 50 days suspended based on conditions of court; Renewal registration during assigned month, dismissed-motion by prosecutor; Speeding on other roadways, dismissed-motion by prosecutor; Contribute to abuse, neglect or delinquency, dismissed-motion by prosecutor  
Christopher Michael Jatón, 4016 Timberland Dr., Yankton; Driving under influence-3rd of, \$1198 plus license revoked for 1 year plus 2 years in Penitentiary with 2 years suspended based on conditions of court; Driving under influence-4th of, recharged  
Charles Warren Alderson, 110 Sunset St., Yankton; Ingest intoxicant other than alcoholic beverage, \$455; Poss two ounces of marijuana or less, dismissal-reduction  
Jade Scott Boone, 902 E. 8th St., Yankton; Ingest intoxicant other than alcoholic beverage, \$455; Poss two ounces of marijuana or less, dismissal-reduction; Use or possession of drug paraphernalia, dismissed-motion by prosecutor  
Jonathan Wayne Walter, Bloomfield, Neb.; Driving with suspended (not revoked) license, \$280  
Lucy Mendoza, 600 E. 6th St., Yankton; Manuf/distr/poss drugs sched I or II, \$1104 plus 8 years in Penitentiary with 4 years suspended and 7 days credited based on conditions of court; Habitual offender-1 or 2 prior felonies, dismissed-motion by prosecutor; Possession controlled substance, dismissed-motion by prosecutor  
Samuel John Heine, 901 Mulberry, #D, Yankton; Parking/standing violation, \$111.50  
Cory Allen Hlavac, 511 W. 8th St., Yankton; Exhibition driving, dismissed-motion by court  
Nick Plak, 110 Sid Street, Yankton; Careless driving, \$66  
Kraig Sudbeck, Fordyce, Neb.; Right-turning vehicle required to keep right, \$120  
Kargo John Feimer, 43118 S.D. Hwy 52, Yankton; Renewal registration during assigned month, \$120  
Karl Stepp, Eugene, Ore.; Driving with suspended (not revoked) license, \$270

Auto manufacturers will launch over 200 vehicle debuts and redesigns over the next 3 years and we will be ready with ongoing classes to benefit our customers.



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Crash

From Page 1

Charles Mix County State's Attorney Tom Deadrick filed the charges, and an arrest warrant was issued on the two counts of vehicular homicide.

"These charges stem from the investigation our troopers conducted regarding this tragic crash," said Capt. Kevin Joffer of the South Dakota Highway Patrol. No further information is available at this time.

You can follow Randy Dockendorf on Twitter at twitter.com/RDockendorf

DAILY RECORD

POUND COUNT

Several animals are available at the Yankton Animal Shelter. For more information call the Yankton Police Department's Animal Control Officer, from 8 a.m.-4 p.m. Monday-Friday at 661-9494, or 668-5210.

DAILY RECORD POLICY

The Press & Dakotan publishes police and sheriff reports as a public service to its readers. It is important to remember that an arrest should not imply guilt and that every person is presumed innocent until proven otherwise. When juveniles are released from jail, it is in the care of a parent or guardian. It is the policy of the Press & Dakotan to publish all names made available in the police and court reports. There are no exceptions.

ARRESTS

• Indira Garcia-Mendez, 28, Yankton, was arrested Monday on a warrant for identity theft and second-degree petty theft.  
• Jean Watson III, 23, Sioux Falls, was arrested Monday on two warrants for failure to appear.

INCIDENTS

• A citation was written for an individual who left her dog in a car Monday afternoon in the 3000 block of Broadway with the windows barely cracked.

LOTTERIES

TUESDAY'S DRAWINGS

2 BY 2: Red Balls: 19-23, White Balls: 2-24  
PICK 3: 4-4-7

MYDAY: Month: 10, Day: 17, Year: 49  
PICK 5: 06-10-13-28-34  
MEGA MILLIONS: 25-32-35-50-51, Mega Ball: 46, Megaplier: 3

Entomologists Discuss Next Generation of Pesticides

BROOKINGS — Every year, the fate of the entomological world is discussed by nearly 3,000 entomologists at the annual meeting of the Entomological Society of America.

This year the event was held in Knoxville, Tenn. Often, a hot topic is clearly identifiable from this meeting. This year is no exception, says Jonathan Lundgren, Research Entomologist with the USDA-ARS North Central Agricultural Research Laboratory (NCARL) in Brookings. Lundgren says the major theme of the meeting was nothing less than the next generation of insecticides which are RNAi-based insecticides.

He explains that interference RNA or RNAi is the name given when a cell wants to make a protein, it activates a particular gene. When the cell wants to stop making a protein, it turns the gene off using various methods. One way that cells turn a gene off is by sending in a small fragment of RNA that suppresses the gene's expression into a protein. This process is called RNA interference, or RNAi.

"The implications of RNAi (which was discovered only 15 years ago) are enormous,"

Lundgren said. "Just by knowing the DNA sequence of a gene, researchers can cheaply create a small molecule of RNA and send it into a cell to block protein production by the gene - functionally turning the gene off."

By flipping a gene off and watching, he says we can figure out what each gene does. If we know the DNA sequence that produces diseases like cancer, maybe we can turn off the offending genes and kick cancer in its molecular crotch. These two uses of RNAi are called functional genomics and gene therapy.

Scientists are interested in using RNAi for all sorts of things, including using RNAi to silence critical gene function in insect pests, thereby killing them.

"The eddy of this concept has turned into a tidal wave, and 78 presentations at the EntSoc meeting this year pertained to using RNAi in insect research and control," he said. "Arguably, seed companies are a driving force in this discussion."

Seed companies have created a genetically modified corn plant that produces small RNAs that silences a gene in the western corn rootworm, the most costly

pest of agriculture in the world. Efforts are also underway to develop RNAi sprays that can be applied to households or the environment that will silence pest genes, thereby killing them.

"The instant question that comes to most people's minds is likely 'err...is this safe?'" All indications are that RNAi can be very specific to the target gene. And we eat small RNAs with every meal, and to our knowledge it doesn't seem to hurt us," he said. "However, nearly all previous work on RNAi has been relegated to individual cells in a Petri dish, or to individual organisms (e.g. a sick

grandma). Genetically modified crops are currently planted on nearly 10% of the terrestrial land surface of the United States. If RNAi-based pesticidal crops are planted on a similar scale, then this is an environmental exposure that is orders of magnitude greater than anything we have experienced before."

Lundgren says whether you love the idea of this new technology or hate it, the proliferation of this next generation of insecticides seems as though it will be a part of our lives in the very near future.

To learn more, visit iGrow.org.

Lordy, Lordy look who's

40 x 2

On July 26!

Send 80th birthday greetings to Ed Petrik, 704 13th St., Springfield, SD 57062

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YANKTON DAILY PRESS & DAKOTAN

Fill the puzzle so that every row, every column, and every section contain the numbers 1-9 without repeating a number.

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

Challenging CH BOOK 48 #6

Yesterday's Solution


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

su|do|ku

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Check tomorrow's paper for the solution to today's puzzle.

INT BOOK 48 #6



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