

THE PRESS & DAKOTAN WEATHER CENTER

Yankton's Forecast

Saturday

19

Increasing cloud cover, late flurries

Wind: SE, 20 to 30

High: 40°

Low: 7°

Sunday

20

Snow continues, colder

Wind: SE, 5 to 15

High: 21°

Low: -2°

Monday

21

A few clouds, even colder

Wind: SE, 5 to 15

High: 12°

Low: 6°

Tuesday

22

Partly cloudy skies

Wind: SE, 0 to 10

High: 23°

Low: 12°

Wednesday

23

Scattered clouds

High: 33°

Low: 24°

Yankton Almanac

Temperature

Yesterday's High / Low 57° / 32°

Normal High 30.4°

Normal Low 7.3°

Record High 63° in 1921

Record Low -32° in 1892

Last Year High / Low 7° / 0°

Precipitation

Yesterday's .00"

Month to date .04"

Year to date .04"

Avg. year to date .28"

Maximum this date .18" in 1978

Yesterday's snowfall .00"

Total snowfall for season 9.5"

Maximum this date 4.0" in 1996

Sun and Moon

Sunrise Sunset

Today 7:55 AM 5:26 PM

Tomorrow 7:55 AM 5:27 PM

Moonrise Moonset

Today 11:55 AM 1:29 AM

Tomorrow 12:30 PM 2:27 AM

Maps & Forecast Produced by:

DayWeather, Inc.

www.dayweather.com

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

Regional Forecast

Forecast for Today

S. Dakota			Nebraska			Iowa							
Hi	Lo	W	Hi	Lo	W	Hi	Lo	W					
Aberdeen	25	-9	pc	3	-19	ls	Vermillion	41	7	pc	20	-2	sn
Brookings	26	-7	pc	7	-14	sn	Watertown	26	-8	pc	2	-18	ls
Custer	35	14	pc	27	6	ls	Winner	39	9	su	23	1	ls
Deadwood	32	10	pc	21	4	ls	Des Moines	48	9	pc	20	1	ls
Mobridge	27	-3	pc	6	-14	ls	Sioux City	42	7	pc	20	-2	sn
Huron	29	-6	pc	11	-14	sn	Nebraska						
Mitchell	35	1	pc	15	-9	sn	Norfolk	44	9	pc	23	1	ls
Pierre	34	2	pc	15	-3	ls	Lincoln	50	14	pc	26	6	pc
Rapid City	34	7	pc	20	4	ls	Omaha	48	13	pc	23	3	pc
Sioux Falls	34	-1	pc	13	-9	sn							

National Forecast

Location:	Today			Tomorrow			Monday		
	Hi	Lo	W	Hi	Lo	W	Hi	Lo	W
Anchorage	26	25	ls	31	25	ls	34	32	pc
Atlanta	56	37	su	57	33	su	53	26	su
Boston	46	35	mc	46	19	sh	30	12	pc
Chicago	46	15	pc	22	9	ls	13	4	pc
Dallas	64	42	pc	64	39	pc	52	37	pc
Denver	55	22	su	46	17	pc	46	24	pc
Detroit	41	20	pc	25	14	pc	19	9	ls
Green Bay	36	5	ls	10	-2	pc	6	-6	pc
Houston	65	43	pc	66	46	pc	62	41	pc
Kansas City	54	22	su	35	14	pc	24	15	pc
Las Vegas	61	37	su	60	38	su	61	40	su
Los Angeles	80	47	su	80	48	su	79	48	su
Miami	77	65	sh	78	65	sh	78	59	sh
Minneapolis	34	-4	ls	6	-9	ls	-2	-12	pc
New York City	46	36	pc	43	27	pc	34	24	ls
Philadelphia	48	33	pc	43	27	pc	34	25	ls
Phoenix	75	46	su	75	45	su	75	47	su
San Francisco	62	46	su	63	46	su	63	47	su
Seattle	41	31	fg	42	30	pc	42	35	pc
Tampa	76	59	sh	76	56	pc	74	50	pc
Washington, D.C.	46	33	su	46	27	pc	37	25	ls

Livestock Outlook

Partly to mostly cloudy skies with late flurries are expected today. Snow showers continue on Sunday with temperatures becoming significantly colder.

Military Abroad

Location:	Hi	Lo	W
Baghdad, Iraq	66	50	pc
Doha, Qatar	71	64	pc
Frankfurt	27	20	pc
Kabul, Afghan.	27	9	pc
Kuwait City	69	56	pc
Seoul, Korea	30	6	pc
Tokyo, Japan	40	31	pc

Gavins Point Dam

Lake Temperature	33
Lake Elevation	1207.56
Discharge	14,000 cfs
Tailwater	1157.18

USD Researcher Explores Flu Strain Causes, Origins

VERMILLION — As the influenza virus continues to spread rapidly across the country, infecting millions of people from coast to coast, a University of South Dakota researcher is working to help scientists predict the severity of lethal flu strains to better prepare for future outbreaks.

Victor Huber, Ph.D., assistant professor of Basic Biomedical Sciences at the University of South Dakota Sanford School of Medicine, suspects that certain proteins on the surface of the virus are contributing to secondary bacterial infections, which are a leading cause of death after influenza infection.

Huber's research focuses on keeping track of changes in the flu virus so public health workers have an earlier warning that a more lethal strain may be developing.

"One potential reason for the severe secondary bacterial infections associated with these H3N2 influenza viruses could be the specific proteins that are expressed by these viruses," said Huber, who earned his Ph.D.

Huber

from the Medical College of Ohio in 2001. "In our lab, we are attempting to identify the viral proteins that contribute to severe secondary bacterial infections. Our goal is to ultimately be able to use surveillance of influenza viruses to predict the severity of these secondary bacterial infections, which would allow us to more rapidly identify when these viruses are present."

Huber's research also includes developing vaccines that will protect against multiple viruses within a single influenza virus subtype, for example H3N2.

"We are specifically interested in developing vaccines that will protect against viruses that circulate within both humans and pigs so that we can limit the interspecies transmissions that are often associated with pandemic events," he added.

Huber stressed that vaccination remains

the best prevention against influenza and noted that the viruses currently circulating demonstrate sensitivity to antiviral drugs like Tamiflu. Unfortunately there might not be enough medicine to treat everyone if a virus goes global.

"The current situation has public health officials concerned because these supplies are being stretched to the point of some countries already accessing their emergency reserves," he explained. "Since influenza viruses are contagious and can be spread through contact with droplets from infected people, additional ways to limit the spread of this virus include washing hands, covering mouths when sneezing or coughing, and staying home when you feel sick."

Huber's USD lab receives funding from the National Institute of Health, and his work is performed in collaboration with the St. Jude Center of Excellence in Influenza Research and Surveillance and South Dakota State University.

ON THIS DATE

75 YEARS AGO

Wednesday, January 19, 1938

- The South Dakota Free Library commission at a meeting here voted to place a traveling library known as bookmobile, in service soon, J. F. Hines, chairman of the commission, announced.
- An unusually interesting meeting of the Kiwanis club was held Tuesday noon at Hotel Yankton. On the program was an orchestra, composed of the six children of Dr. and Mrs. George E. Johnson. Two feature numbers were a violin solo played by 11 year old Gordon Johnson and a demonstration of the Big Apple by George, Jr. The orchestra was directed by Prof. H. W. Wenzel, of Yankton college.

50 YEARS AGO

Saturday, January 19, 1963

- Fire today destroyed the grade and high school building on the General Beadle Teachers college campus here (Madison). The fire, detected at 7 a.m., destroyed the north section of the building in the next hour and ate into the auditorium in the central part of the structure.
- Mary Lou Berglund is being presented the Marian Medal, a Catholic

Girl Scout religious award presented by Father Thomas Kosuth at Holy Trinity church. Mary Lou is the first Hartington Girl Scout to receive this award. The Marian award has been designed to help in the spiritual enrichment of girls.

25 YEARS AGO

Tuesday, January 19, 1988

- Rep. Doug Bereuter urged the Nebraska Department of Roads Monday to keep an open mind regarding public ferry boat service between Niobrara and Springfield. A study is to determine whether it is feasible for Nebraska and South Dakota to use a portion of their highway trust funds to purchase and operate a car ferry on the Missouri River between Highway 12 near Niobrara and Highway 37 near Springfield.
- A video lottery will generate at least \$15 million a year for state government coffers, a state lawmaker said Monday. "Senate Bill No. 1 will allow the Lottery Commission to expand to a video lottery in order to react to changing market conditions, while at the same time bringing in a considerable amount of revenue for our state," said Rep. John Sears, R-Rapid City.

PET OF THE WEEK

The Heartland Humane Society has the following pet available:

Fen is a 1 1/2-year-old boxer mix looking for a friend. Fen does great indoors and enjoys playtime. He is house-trained and kennel trained. Adopt Fen this month for only \$50.

For more information, call (605) 664-4244 or e-mail hhs@midconet-work.com. Visit the Humane Society's Web site at www.heartlandhumanesociety.net.

BOARD OF TRADE

CHICAGO (AP) — Grains futures mostly rose Friday on the Chicago Board of Trade.

Wheat for March delivery rose 10 cents to \$7.9125 a bushel; March corn rose 3 cents to \$7.2750 a bushel; March oats rose 0.50 cent to \$3.5550 a bushel; while March soybeans slipped 1 cent to \$14.2925 a bushel.

Beef and pork futures were mixed on the Chicago Mercantile Exchange.

February live cattle fell 1.65 cent to \$1.2495 a pound; March feeder cattle rose 0.50 cent to \$1.4635 a pound; February lean hogs fell 0.60 cent to 85.35 cents a pound.

Rapid City\$2.719

Sioux Falls\$3.152

State\$3.055

National\$3.293

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 into 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

• William Haneklaus, 41, Hudson, was arrested Thursday on seven warrants.

• Laura Haas, 26, Yankton, was ar-

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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.

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

CHALLENGING CH BOOK 42 #1

Yesterday's Solution

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

INT BOOK 42 #1

su|do|ku

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

Use your smart phone to scan this QR Code to take you to our e-Edition. (Firefox is the preferred cell phone browser)