

# Scientific Studies Fault Climate Change For 2013 Wild Weather

## However, No Link Found With South Dakota Blizzard In October

BY SETH BORENSTEIN  
AP Science Writer

WASHINGTON — Scientists looking at 16 cases of wild weather around the world last year see the fingerprints of man-made global warming on more than half of them.

Researchers found that climate change increased the odds of nine extremes: Heat waves in Australia, Europe, China, Japan and Korea, intense rain in parts of the United States and India, and severe droughts in California and New Zealand. The California drought, though, comes with an asterisk.

Scientists couldn't find a global warming link to an early South Dakota blizzard, freak storms in Germany and the Pyrenees, heavy rain in Colorado, southern and central Europe, and a cold British spring.

Organized by the U.S. National Oceanic and Atmospheric Administra-

tion, researchers on Monday published 22 studies on 2013 climate extremes in a special edition of the Bulletin of the American Meteorological Society.

"It's not ever a single factor that is responsible for the extremes that we see," said NOAA National Climatic Data Center director Tom Karl said. "Natural variability is always part of any extreme climate event."

For years, scientists said they could not attribute single weather events — like a drought, heat wave or storm — to man-made global warming. But with better computer models and new research, in some cases scientists can see how the odds of events increase — or not — because of climate change. Other researchers question the usefulness and accuracy of focusing on single extreme events.

The editors of the 108-page compilation of studies wrote that people and

animals tend to be more affected by extreme weather than changes in averages, so they pay attention to it. The public often connects extreme events to climate change, sometimes wrongly, so scientific analysis like this "can help inform the public's understanding of our changing environment."

The report seeks to find how much and how man-made warming has influenced the weather, said NOAA research meteorologist Martin Hoerling, an editor of the report.

The influence on Australia's hottest year in more than a century is glaring, the report's editors said.

"It's almost impossible" to explain Australia's hot 2013 without climate change, said Peter Stott of the United Kingdom's meteorology office, another report editor.

The most complicated issue is the California drought, the only extreme that has continued into this year.

Three teams studied that state's

record drought in different ways. Two teams couldn't find a link to global warming and water and air temperatures, but the third from Stanford University looked at high pressure patterns in the air and found a connection.

A high pressure system parks over the northern Pacific during California's winters, which is normally when it gets rain. Higher atmospheric pressure usually means less storms and rain. The pressure was so strong last year that study lead author Daniel Swain called it "a ridiculously resilient ridge."

The Stanford team ran computer models with and without man-made warming from the burning of coal, oil and gas. The warming from greenhouse gases showed that the rain-blocking ridge of high pressure was more than three times more likely with man-made factors than without, Swain said.

"There's definitely a climate change signal," Swain said.

## Man Gets Life Term For Colo. Triple Slaying

CANON CITY, Colo. (AP) — A sex offender from Indiana was sentenced Monday to three consecutive life terms for sexually assaulting a teenage girl and killing her mother, brother and sister in southern Colorado.

Jaacob Van Winkle won't be eligible for parole under the sentence handed down in Canon City under a deal he reached with prosecutors. He did not face the death penalty.

Van Winkle pleaded guilty in June to the March killings and assault. The Associated Press isn't identifying the victims to protect the identity of the 16-year-old girl who was sexually assaulted. Family members wept as they addressed the judge.

2010	Legal and Public Notices	2010	Legal and Public Notices	2010	Legal and Public Notices	2010	Legal and Public Notices	2010	Legal and Public Notices	2010	Legal and Public Notices	
<b>YANKTON SCHOOL DISTRICT 63-3 ANNUAL BUDGET AND MEANS OF FINANCE 2014-15</b>												
<b>GENERAL FUND (10)</b>			<b>OF FINANCE</b>			<b>MEANS OF FINANCE:</b>			<b>MEANS OF FINANCE:</b>			
	<b>Preliminary</b>	<b>\$ Change</b>	<b>Final</b>		<b>14,962,980</b>	<b>17,835</b>	<b>14,980,815</b>					
<b>APPROPRIATIONS:</b>												
<b>INSTRUCTION</b>												
Elementary Programs	3,550,755	15,083	3,565,838	<b>SPECIAL EDUCATION (22)</b>			<b>LOCAL SOURCES</b>					
Middle School Programs	1,717,512	(1,096)	1,716,416	<b>Preliminary</b>			<b>Taxes</b>			3,373,577	-	
High School Programs	2,524,999	(28,815)	2,496,184	<b>\$ Change</b>			<b>Earnings on Investments</b>			3,000	7,000	
Summer School Programs	17,175	-	17,175	<b>Final</b>			<b>Other Revenue from Local Sources</b>			-	14,203	
<b>SPECIAL PROGRAMS</b>												
Other Special Programs				Education	2,558,666	20,590	2,579,256	<b>CITY SOURCES</b>				
-Home Bound	2,000	-	2,000	Other Special Programs-Home Bound	4,500	-	4,500	<b>(SHARED OPERATIONS)</b>			166,740	-
Alternative Learning Center	103,532	1,842	105,374	Early Childhood Programs (3-5)	34,261	993	35,254	<b>SPECIAL PROGRAMS (STATE)</b>				
<b>SUBTOTAL INSTRUCTION</b>												
	7,915,973	(12,986)	7,902,987	<b>SUBTOTAL</b>			<b>Other Restricted Grants</b>			-	150,000	
<b>SUPPORTING SERVICES</b>												
Interpretive Services	1,000	-	1,000	<b>INSTRUCTION</b>			<b>FEDERAL SOURCES</b>					
Guidance Services	357,721	(3,325)	354,396	Health Services	17,975	85	18,060	<b>Carl Perkins Vocational</b>			31,630	-
Health Services	101,683	(2,507)	99,176	Psychological Services	70,371	193	70,564	<b>OTHER SOURCES</b>				
Improvement of Instruction Serv.	32,250	-	32,250	Speech Pathology & Audiology Serv.	15,875	275	16,150	<b>Other State Sources</b>			1,000,000	-
Educational Media Services	162,603	(3,513)	159,090	Student Therapy Services	41,665	(14,915)	26,750	<b>USE OF CASH RESERVE TO BALANCE BUDGET</b>			1,160,288	(771,243)
Computer Assisted Instructional Services	229,292	203	229,495	Orientation & Mobility Services	-	15,000	15,000	<b>TOTAL MEANS OF FINANCE</b>			<b>5,735,235</b>	<b>(600,040)</b>
Board of Education Services	218,903	500	219,403	Improvement of Instruction Serv.	13,000	-	13,000					
Executive Administration Services	212,296	(3,660)	208,636	Educational Media Services	1,500	-	1,500					
Community Services	6,000	-	6,000	Board of Education Services	4,500	-	4,500					
Office of the Principal Services	1,194,699	(10,545)	1,184,154	Executive Administration Services	150,682	(848)	149,834					
Other Support Service-Sch. Adm.	18,544	24	18,568	Pupil Transportation Services	135,151	(26,058)	109,093					
Fiscal Services	345,678	3,737	349,415	Other Special Education Services	125,000	22,000	147,000					
Operation & Maintenance of Plant Serv.	2,095,079	4,251	2,099,330	<b>SUBTOTAL SUPPORTING SERVICES</b>								
Care & Upkeep of Equipment	22,000	-	22,000	SERVICES	575,719	(4,268)	571,451					
Security Services	-	9,500	9,500	SPECIAL PROGRAMS (FEDERAL)	IDEA 611/619	672,917	-					
Pupil Transportation Services	402,297	31,379	433,676	<b>TOTAL</b>								
Food Services	77,068	-	77,068	<b>APPROPRIATIONS</b>	<b>3,846,063</b>	<b>17,315</b>	<b>3,863,378</b>					
Recruitment, Placement & Staff Services	7,700	-	7,700	<b>MEANS OF FINANCE:</b>								
Co-Curricular Transportation	37,678	-	37,678	<b>LOCAL SOURCES</b>								
Co-Curricular Activities	594,953	(4,998)	589,955	<b>Taxes</b>						1,766,737	-	
<b>SUBTOTAL SUPPORTING SERVICES</b>												
	6,117,444	21,046	6,138,490	<b>Earnings on Investments</b>						10,000	(6,000)	
<b>NON-PROGRAM CHARGES</b>												
Early Retirement	182,715	-	182,715	<b>Medicaid Direct/Indirect Services</b>						48,000	-	
<b>APPROPRIATIONS</b>												
SUB-TOTALS	14,216,132	8,060	14,224,192	<b>STATE SOURCES</b>								
<b>SPECIAL PROGRAMS (STATE)</b>												
Other Restricted Grants	91,725	8,275	100,000	<b>State Aid to Education</b>						986,751	447,791	
<b>SPECIAL PROGRAMS (FEDERAL)</b>												
Title IA	389,099	-	389,099	<b>FEDERAL SOURCES</b>								
Title II A-Teacher/Principal Training	184,828	-	184,828	<b>IDEA 611/619</b>						672,917	-	
Carl Perkins Vocational	6,196	-	6,196	<b>USE OF CASH RESERVE TO BALANCE BUDGET</b>						361,658	(424,476)	
Other Restricted Grants	-	1,500	1,500	<b>TOTAL MEANS OF FINANCE</b>						<b>3,846,063</b>	<b>17,315</b>	
<b>OPERATING TRANSFERS OUT (PRESCHOOL)</b>												
	75,000	-	75,000	<b>CAPITAL OUTLAY FUND (21)</b>								
<b>TOTAL APPROPRIATIONS</b>												
	<b>14,962,980</b>	<b>17,835</b>	<b>14,980,815</b>	<b>Preliminary</b>			<b>\$ Change</b>			<b>Final</b>		
<b>MEANS OF FINANCE:</b>												
<b>LOCAL SOURCES</b>												
Taxes	6,619,513	-	6,619,513	<b>INSTRUCTION</b>								
Tuition (Summer School)	2,350	-	2,350	<b>Non-Public Instruction</b>						30,000	-	
Earnings on Investments	16,000	-	16,000	<b>Elementary Programs</b>						383,702	-	
Pupil Activities	117,000	-	117,000	<b>Middle School Programs</b>						158,754	-	
Other Revenue from Local Sources	228,892	(2,000)	226,892	<b>High School Programs</b>						326,987	2,203	
<b>COUNTY (INTERMEDIATE) SOURCES</b>												
	300,000	-	300,000	<b>Programs for Special Education</b>						17,040	12,000	
<b>CITY SOURCES</b>												
(SHARED OPERATIONS)	95,000	5,000	100,000	<b>SUBTOTAL</b>						916,483	14,203	
<b>STATE SOURCES</b>												
State Aid to Education	6,464,948	-	6,464,948	<b>INSTRUCTION</b>								
Other State Sources	289,500	-	289,500	<b>SUPPORTING SERVICES</b>								
Other Restricted Grants	91,725	8,275	100,000	<b>Educational Media Services</b>						33,200	-	
<b>FEDERAL SOURCES</b>												
Title IA	389,099	-	389,099	<b>Fiscal Services</b>						54,450	-	
Title II A-Teacher/Principal Training	184,828	-	184,828	<b>Land Acquisition &amp; Development</b>						28,400	-	
Carl Perkins Vocational	6,196	-	6,196	<b>Facilities Acquisition &amp; Const. Serv.</b>						2,912,159	(764,243)	
Fruit & Vegetables Grant	77,068	-	77,068	<b>Operation &amp; Maintenance of Plant Serv.</b>						372,040	-	
Impact Aid	40,000	-	40,000	<b>Care &amp; Upkeep of Network</b>						473,175	-	
Other Restricted Grants	-	1,500	1,500	<b>Pupil Transportation Services</b>						73,500	-	
<b>OTHER SOURCES</b>												
Sales of Surplus Property	59,000	(2,000)	57,000	<b>Food Services</b>						34,500	-	
<b>USE OF CASH RESERVE TO BALANCE BUDGET</b>												
	<b>(18,139)</b>	<b>7,060</b>	<b>(11,079)</b>	<b>Other Services</b>						16,500	-	
<b>TOTAL MEANS</b>												
				<b>Co-Curricular Activities</b>						77,890	-	
				<b>SUBTOTAL SUPPORTING SERVICES</b>						4,075,814	(764,243)	
				<b>NON-PROGRAM CHARGES</b>								
				<b>Debt Service</b>						711,308	-	
				<b>APPROPRIATIONS</b>						5,703,605	(750,040)	
				<b>SUB-TOTALS</b>						4,953,565	4,953,565	
				<b>SPECIAL PROGRAMS (STATE)</b>								
				<b>Other Restricted Grants</b>						150,000	150,000	
				<b>SPECIAL PROGRAMS (FEDERAL)</b>								
				<b>Carl Perkins Vocational</b>						31,630	-	
				<b>TOTAL</b>						31,630	-	
				<b>APPROPRIATIONS</b>						<b>5,735,235</b>	<b>(600,040)</b>	
				<b>MEANS OF FINANCE:</b>						<b>5,135,195</b>	<b>5,135,195</b>	
				<b>LOCAL SOURCES</b>								
				<b>Earnings on Investments</b>						1,000	-	
				<b>Concession Sales</b>						65,000	-	
				<b>USE OF CASH RESERVE TO BALANCE BUDGET</b>						(6,000)	-	
				<b>TOTAL MEANS OF FINANCE</b>						<b>60,000</b>	<b>60,000</b>	

**Action No. 2015-128**  
Member Fitzgerald introduced the following resolution and moved its adoption: RESOLVED that there be and there is levied upon the property subject to the jurisdiction of the School Board of Yankton School District 63-3, Yankton County, South Dakota, as per legal description filed in the office of the Yankton County Auditor, and to include all descriptions of real property which shall or have thereafter come under the jurisdiction of the School Board of Yankton School District 63-3, Yankton County, South Dakota, for the support of the School District's General Fund, Capital Outlay Fund, Special Edu-

cation Fund and Pension Fund subject to the control of the School Board of Yankton School District 63-3 for the school year 2014-2015 as per budgets adopted on September 8, 2014 for General Fund: Assessed Ag Valuation \$1,782 per \$1,000, Assessed Owner Occupied Valuation \$4,252 per \$1,000, Assessed Other Valuation (Non-Ag and Utilities) \$9,106 per \$1,000 (Est. \$6,390,090); for the Special Education Fund: Assessed Valuation \$1,478 per \$1,000 (est. \$1,740,218); for the Capital Outlay Fund: Assessed Valuation \$3.00 per \$1,000 (est. \$3,532,242); and for the Pension Fund: Assessed Valuation \$0.30 per \$1,000 (est.

\$353,224); and the Business Manager of the School Board is hereby directed to file with the County Auditor of Yankton County, South Dakota, necessary notice of tax budget and a copy of this resolution.  
Member Pietz seconded the move for adoption with the following voting Aye: All. Resolution adopted.  
**Action No. 2015-129**  
Dr. Tom Stange, Executive Director Lewis and Clark Behavioral Health, presented an overview of a grant that was received for Functional Family Therapy and Sys-

tems of Care. No action was taken.  
**Action No. 2015-130**  
Moved by Pietz and seconded by Fitzgerald to approve changes to the Yankton School District Training Rules for Interscholastic Activities as presented with the following voting Aye: all. Motion carried.  
**Action No. 2015-131**  
Moved by Fitzgerald and seconded by Carda to approve group health plan premiums as follows for retirees: Employee Only - \$458.12, Employee+Spouse - \$867.22, Employee+Child(ren) - \$938.23, Fam-

ily - \$1,405.97 and as follows for COBRA: Employee Only - \$467.28, Employee+Spouse - \$884.56, Employee+Child(ren) - \$956.99, Family - \$1,434.09 with the following voting Aye: all. Motion carried.  
**Action No. 2015-132**  
Moved by Pietz and seconded by Kieffer to move into executive session at 6:26pm pursuant to SDCL 1-25-2 (3) with the following voting Aye: all. Motion carried.  
**Action No. 2015-133**  
Executive session ended at 7:12pm with Greeneway declaring the meeting was back in regular session.

**Action No. 2015-134**  
Moved by Fitzgerald and seconded by Pietz to adjourn the meeting at 7:12 p.m., with the following voting Aye: All. Motion carried.  
Kathy Greeneway, President  
School Board  
Attest: Jason L. Bietz  
Business Manager  
Published once at the approximate cost of \$1,596.00.