ANNUAL STATE OF THE BASIN PALOUSE BASIN AQUIFER committee

The man man -



WATER JOKE AHEAD!













MISSION:

To ensure a long-term, quality water supply for the Palouse Basin region.

GOALS:

- Consistent with the Palouse Basin Groundwater Management Plan, develop and implement a balanced basin wide water supply and use program by 2025.
- Create and maintain an action plan for aquifer system sustainability, enhancement and/or alternate water supply development.
- Direct research and implement pilot projects necessary to understand the basin hydrogeology in a manner sufficient to support the Water Supply and Use Program and the affiliated supply projects.
- Encourage and facilitate entities in meeting their specific pumping, conservation, efficient use, water recycling and other goals.
- Educate entities and the public on the state of the basin water supply and the status of PBAC's mission and goals.
- Maintain harmonious and effective working relationships across the state line to fairly meet the needs of all entities.





PBAC Member Entities



PBAC's Goals

- Collaborate
- Monitor
- Analyze
- Research
- Educate
- Implement



PalouseBasin.org









Declining Water Levels



Declining Water Levels (Lower Aquifer)









above MSL

committee

А

ER

2021 Water Use – Baseline/Non-Baseline



2021 WEATHER



2021 Daily Max Temperature





2020 vs 2021 Irrigation Season Weather

Monthly Mean Max Temp





2020 vs 2021 Irrigation Season Weather Precipitation





2020 vs 2021 Irrigation Season Weather Pan Evaporation





2020 ANOMALY





Idaho's first coronavirus case confirmed

Ada County woman diagnosed with COVID-19; Idaho Gov. Brad Little declares state of emergancy

By William L. Spence For the Daily News

BOISE - The first case of coronavirus in Idaho was confirmed in an Ada County woman Friday.

Public health official noted that the woman, who is in her 50s, contracted the virus while attending a confer-ence in New York City at the end of February.

She was subsequently INSIDE notified by the conference organizers that More three other attendees coronavirus had tested positive for coverage COVID-19, After she became ill, she informed her doctor, who then had her tested.

Officials did not identify the woman by name. Given that she contracted the virus while traveling out of state, they don't believe there's a significant threat to people in Idaho.

MOVING ONLINE



Children head home after the last day of school before spring break Friday outs

Moscow schools to close

The announcement came following a

meeting between local health authorities

Coronavirus concerns prompt district's effort to learn online or with take-home assignments, while off school for two weeks to ward the required instructional days so

By Scott Jackson Daily News staff writer

and regional school districts. Moscow The Moscow School District announced School District Superintendent Greg Friday it will halt in-person instruction Bailey said the district will use a number and close school facilities to students for of distance-learning strategies in order two weeks following spring break in an to continue the school year without effort to curb the potential effect and local interruption. While nothing compares to in-person spread of the new coronavirus.

instruction, according to Bailey, the goal is for distance-learning days to count they won't have to be made up.

Spring break in Moscow runs for a week starting Monday. That would put a return to normal operations in the district Monday, April 6.

"We have a lot of students that have internet capabilities, but we have some that don't so we're looking at multiple

See SCHOOLS, Page 5A

Washington closures include schools

Pullman schools superintendent concerned about equitable distance learning if required; state's virus deaths reach 37

By Martha Bellisle Associated Press

coronavirus while health officials reported at least six new deaths and more than

560 positive tests.

Inslee said the virus is spreading rapidly across the state so he issued an executive order to close all K-12 public and private schools from March 17 to April 24. He had previously closed schools in the three counties with the highest numbers of cases: King, Pierce and Snohomish, Online learning would

SEATTLE - Gov. Jay Inslee on Friday don't take these decisions lightly," Inslee said at a news conference. expanded school closures and prohibited "We're doing this for the health of all

WASHINGTON, Page 5A

COVID-19 puts hurt on Pullman, Moscow businesses

Universities move online and cancel events, including WSU Mom's Weekend

> By Garrett Cabeza Daily News staff writer

The decision to temporarily move classes online and cancel large events at the two Palouse universities because of the novel novinus is husting the col



Washington State Moscow mayor issues University freshman emergency proclamation Leeza Garces leaves campus for Staff report spring break Friday in Pullman. The Moscow Mayor Bill Lambert university announced issued a local emergency procthat all classes will lamation for Moscow in light of

be taught online COVID-19. starting March 23 in response to the coronavirus, Garces is planning to spend

the public health threat posed by The city of Moscow has been SE BASIN working over many weeks monitoring the global coronavirus situation, according to a city of

committee

WSU classes move online

Post-break change because of COVID-19 concerns; UI plans two-day test of online classes

By Scott Jackson Daily News staff writer

Washington State

campus- or college-specific Wuhan in China's Hubei ed on the west side of the spread of COVID-19.

University announced students, faculty and staff, campus or other location officials," Wednesday it will transi- university leadership said may have specific contexts tion all five campuses in its the move will begin March that will determine some by a new member of the Washington climbed to

differences in implementa- Province in late 2019. The state. system to online instruc- 23, following the universi- tion will be communicated new coronavirus is relattion in an effort to curb the ty's weeklong spring break. separately by Chancellors ed to MERS and SARS "Even though this is a and Deans in consultation viruses that have caused In a message sent to WSU system decision, each with local public health outbreaks in the past. COVID-19 is caused the number of cases in

news release.

In an email sent Wednesday morning. the University of Idaho instructed faculty to pre-As of Wednesday, pare to transition their

See ONLINE, Page 4A

Nez Perce County confirms first virus case

Public health official says person who has disease is younger than 60, but provides no other details

By Elaine Williams

crisis.

Moscow businesses to close

issued Public Health

details of implementation," coronavirus family that more than 270 with 24 the message read. "Any first appeared in the city of deaths, most of those locat-

Gyms, tattoo parlors, barber Emergency shops and salons in Moscow Order must close and gatherings of Tuesday, and it more than 10 people within is in effect for facilities that include educaseven days. tional institutions, churches On Friday, and other religious organizathe tions are prohibited because of

The order does not apply to extended the order to May childcare and daycare services and facilities. Mayor Bill Lambert

COVID-19 PANDEMIC



coronavirus outbreak, visit dnews. com/coronavirus/ All stories there are free to read without subscription.

dining in bars and restaurants. The additional restrictions announced Tuesday, and to be in effect starting

there are larger number of confirmed COVID-19 cases, the release said.

See MOSCOW, Page 6A

today, were enacted given the

inability for some businesses

to follow the recommended

Centers for Disease Control

and Prevention's social dis-

tancing guidelines because of

the nature of the business, and

in light of the unique location

of Moscow and close proximity

to states and locations where

Pullman declares state of emergency

Decision allows Pullman to receive government assistance

> By Anthony Kuipers Daily News staff writer

Pullman declared a state of emergency Thursday in response to potential effects of COVID-19 on the city.

The emergency declaration allows the city to have access to financial assistance from federal and state resources, according to a news release.

The city has also opened an emergency operations center at the Pullman Police Department that "will manage emergency related information and resources as needed," according to the release.

Pullman also issued a statement Wednesday urging Pullman residents to continue supporting local businesses as the city and Washington State University prepare for COVID-19.



Pullman officials: Stay home

Staff report

Health official says county can handle influx in student population

By Anthony Kuipers Daily News staff writer

A Whitman County amid the COVID-19 health official and one Pullman City Council member said Tuesday Public Health Director Council they would Washington State

University students not return to Pullman from spring break

Sorensen

Whitman County

prefer Troy Henderson spoke in about the status of the front of the Pullman City county as it adjusts to the Sorensen said he and



Henderson

come back negative. Henderson believes there are 10 test results still

pending. Councilman

threat of the coronavirus. community members As of Tuesday, there are worried about the are no confirmed posi- effect an influx of WSU tive cases of COVID-19 students coming back in Whitman County to Pullman would have and test results for 12 on the health of the cases in the county have community.

Henderson said WSU has surveyed students to see how many are planning on returning Al

See PULLMAN, Page 10A

According to the



issued a seven-COVID-19, according to a city day emergency order and then the council

the

on

5 that prohibited gatherings of more than 10 people and

mayor Lambert

2021 WATER USE







Total Water Use: 2019/2020/2021



2.35 Billion Gallons

2020 Pumping = 2.19 Billion Gallons

2021 Pumping = **2.43 Billion Gallons**



2021 Water Use – Change from 2020





2021 Water Use – 5yr Trailing Average



2021 Water Use – Change from 1992





2021 Water Use – Baseline/Non-Baseline



2021 Baseline Water Use – Change from 2020



2021 Water Use – Monthly Change from 2020



2021 PUMPING PER CAPITA



2021 Water Use 2021 Pumping Millions of Gallons WSU 448 Total 2021 Pumping = Moscow .801 **2.43 Billion Gallons** UI Domestic. 127 Palouse_ 57 2021 Total 2.43 Billion Gallons

Pullman.

998



Combined Annual Pumping – 1992-2021





Combined Annual Pumping – 1992-2021



Pullman Pop & Pumping % Change from 1992



Moscow Pop & Pumping % Change from 1992



Pop & Pumping % Change from 1992



Per Capita Pumping % Change from 1992



Combined Annual Pumping – 1992-2021





Combined Annual Pumping – 1992-2021



Pumped 285 MG less than we did as a region in 1992

2021 WATER LEVELS





Generalized Geologic Cross Section Through Pullman and Moscow

PALOUSE BASIN UIΓ committee



Upper Aquifer – Moscow PD Site

Lower Aquifer – WDOE Site

2022 WEATHER & WATER USE

2021 vs 2022 Irrigation Season Weather

Monthly Mean Max Temp

2021 vs 2022 Irrigation Season Weather Precipitation

2021 vs 2022 Irrigation Season Weather Pan Evaporation

2022 Water Use – Monthly Change from 2021

2021 Water Use

WHAT'S NEXT

WHAT'S NEXT

- Continued Conservation
- Increased Conservation
- Alternative Water Supply Projects

