



NASA  
Curiosity Rover recently detected a cyclical fluctuation of methane emission on Mars.

## Curiosity detects cyclical methane emissions on Mars

By Paul Voosen  
Science AAAS

Last week, NASA's Curiosity rover caught its strongest whiff yet of martian methane. While exploring a clay-rich region of the Red Planet, the rover detected the highest levels of the gas it has ever observed, some 21 parts per billion. That's three times the level it sniffed out for several months in 2013.

The finding, if it holds up, will only deepen the mystery of methane on Mars. Methane can be a byproduct of microbial life, but it can also be produced through geological reactions or created in the atmosphere from carbon in solar system dust. Until now, the large spike seen by Curiosity in 2013 has never been repeated; instead, the rover has doc-

umented minute levels of methane that shifted with the seasons. Adding to that mystery, last year the European Space Agency's Trace Gas Orbiter (TGO), which started scanning Mars's atmosphere for methane in 2016, did not detect any of the gas, despite carrying instruments far more sensitive than Curiosity's.

Curiosity's scientists say it might be possible for thousands of small seeps in Mars's surface—none of which would be detectable from orbit—to release the gas. Follow up work with the TGO and Mars Express, another orbiter, will reveal whether their instruments picked up this latest martian burp. If they did, they might give scientists some sense of the plume's origin and how long methane lasts in the planet's atmosphere.

# Stonebrink sentenced to 10 years for child pornography, attempting to lure a minor

Steve Tool  
Wallowa County Chieftain

A sordid chapter in the annals of Wallowa County justice has come to an end as John W. Stonebrink, 50, Wallowa received a 123-month sentence to the Oregon Department of Corrections at Wallowa County Circuit Court on May 31 regarding multiple charges of possession of child pornography and attempting to lure a minor.

Wallowa County District Attorney Rebecca Frolander said the case hit hard.

"Obviously, the subject matter is very challenging, and the descriptions of the images is something that is really hard to get out of your head," she said.

As Oregon Department of Justice investigated the case, Frolander wasn't required to view the films involved although she had to write out brief descriptions of what the films contained.

The DOJ started investigating the case after receiving a tip from the National Center for Missing and Exploited Children. The initial information came as a cyber tip from the Internet Crimes Against Children Task Force.

Frolander explained that the DOJ reviewed all the relevant material to the case because although there is an exception for law enforcement purposes, the act of copying and disseminating sexually explicit images of children is a crime, so the DOJ tries not to duplicate them.

The investigator gave Fro-

lander descriptions of the images and had she needed any for trial, the department would have traveled here to show her the images.

"Until I'm headed in for trial, for my own health and welfare, I try not to look at all the images if I don't have to."

Frolander said she had one other similar case she's prosecuted from the DA's office. In that case, a Union man had possession of sexually explicit photos of a minor he was communicating with online, although he wasn't trading them online, as Stonebrink had.

together into one case. Frolander said that the first tip about the first Wallowa County case came from Facebook to the Internet Crimes Against Children Task Force Program, a national network of 61 coordinated task forces that represents 4,500 federal, state, and local law enforcement and prosecutorial agencies. The agency was investigating the tip when Stonebrink was arrested on the Luring a Minor charge in Wallowa County on the Jackson County case.

Stonebrink's phone made the trip to Jackson County

son counties.

During the first Wallowa County investigation law enforcement received a tip from Dropbox, an online cloud storage platform, that a Stonebrink account possibly contained unlawful images of children. Another investigation with search warrants ensued for Dropbox, Google and other entities. Authorities found more images, including some duplicates of the images from the first case. All were linked back to his home, phone, email, etc.

"There were a lot of ways we were able to prove it was the same person," Frolander said. "They had different dates they were uploaded than the first case, so it was a separate incident. Everything kind of happened at the same time as far as one thing would lead to the next."

Stonebrink's network of crime and pornography extended to Europe. Frolander added that child pornography is produced everywhere, and that the Center for Missing and Exploited Children keeps a database of images regularly shared and traded online.

Although Stonebrink is spending the next 10 years with no ability to exploit children, it doesn't necessarily mean that all the loose ends are tied up.

"Statistically, we know that people who examine, possess or trade pornographic images of children tend to be offenders of real children, so I don't know whether there are any victims of him or anyone else that will come forward," she said. "If anyone comes forward, we will investigate it and pursue it in any manner that we can." She also urged that victims of sex crimes who do not want to step forward should seek medical care and pursue counseling or other supportive services because the impact will eventually affect them physically or emotionally for the rest of their lives.

**'STATISTICALLY, WE KNOW THAT PEOPLE WHO EXAMINE, POSSESS OR TRADE PORNOGRAPHIC IMAGES OF CHILDREN TEND TO BE OFFENDERS OF REAL CHILDREN ... IF ANYONE COMES FORWARD, WE WILL INVESTIGATE IT AND PURSUE IT IN ANY MANNER THAT WE CAN.'**

Wallowa County District Attorney Rebecca Frolander

Stonebrink kept his illegal material in several places: On his cell phone, through Facebook exchanges, his email and Dropbox.

"There were multiple platforms these items were stored in, transmitted through, shared with other people," Frolander said.

A number of law enforcement people worked collaboratively on the case. DOJ employee Marl Posler did much of the work. Frolander said that the recently retired Posler told her it was one of the most egregious cases he'd seen in the last 30 years.

Stonebrink's two Wallowa County cases and the Jackson County case were melded

as part of his personal property, but the tip to ICAC provided enough information to allow a warrant to seize the phone and examine the contents. The phone revealed contents pertinent to the Jackson County case as well as the first Wallowa County case. With Stonebrink in jail in Jackson County, his defense attorney asked for permission to represent her client in the Wallowa County case and an ensuing dialogue started between Frolander and Stonebrink's attorney on the best way to resolve the separate cases with the least impact on the victim and also avoid multiple trips between Wallowa and Jack-

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**CLUES ACROSS**

1. Invade
5. Fruit coolers
9. Small drink
12. Car's wheel shaft
13. Flimsy
14. Tic-tac-\_\_\_\_\_
15. Shriek
16. Remedy
18. Sins
20. October gemstone
21. Glued
24. Birthday number
26. Fully develop
27. Reflecting surfaces
31. Notable timespan
32. Perfume
34. Sticky glop
35. Giza structure
37. Shoo!
39. Grovel
40. Globe
41. Waitperson's handout
44. Workbench clamp
45. Mimic
48. Resounding sound
52. Cashew or pecan
53. Refer to
54. \_\_\_\_\_ cream
55. Dangerous curve
56. \_\_\_\_\_ off (furious)
57. Ogler

**CLUES DOWN**

1. Manta \_\_\_\_\_
2. Logger's tool
3. Feeling awful
4. Erase
5. Prize
6. Bears' lairs
7. Dine
8. Winter transport
9. Desist
10. Pinch
11. Strip
17. Effective one
19. Change the title of
21. Kind of school, for short
22. Drafty
23. Mast or boom
24. Objective
25. Understands
27. Trendy
28. Fairy-tale baddie
29. Thunder
30. Not all
33. Tractor-trailer
36. Border on
38. Swiss or cheddar
40. Fathered
41. Look for ore
42. Down-under birds
43. Louse eggs
44. Cast a ballot
46. Opera division
47. No-win contest
49. Artfully shy
50. Tint
51. Hockey great Bobby \_\_\_\_\_

## Church Directory

**Church of Christ**  
502 W. 2nd Street • Wallowa  
541-398-2509  
Worship at 11 a.m.  
Mid-week  
Bible Study 7 p.m.

**Grace Lutheran Church**  
409 West Main -Enterprise  
**SUNDAY WORSHIP at 9am**  
Mission Project:  
"Bag It for School"  
School clothes for Foster Children  
phone (message): 541-426-4633  
web: gracelutheranenterprise.com

**St. Katherine's Catholic Church**  
Fr. Thomas Pudupulliparamban  
301 E. Garfield Enterprise  
**Mass Schedule**  
Sundays:  
St. Pius X, Wallowa - 8:00 am  
St. Katherine of Siena, Enterprise 10:30am  
Saturdays:  
St. Katherine of Siena, Enterprise 5:30am  
Weekday:  
St. Katherine of Siena, Enterprise - 8:00am  
(Monday - Thursday and First Friday)  
All are welcome

**St. Patrick's Episcopal Church**  
100 NE 3rd St, Enterprise  
NE 3rd & Main St  
541-426-3439  
Worship Service  
Sunday 9:30am

**Joseph United Methodist Church**  
3rd & Lake St. • Joseph  
Pastor Cherie Dearth  
Phone: 541-432-3102  
Sunday Worship Service  
10:00 am  
JosephUMC.org

**Summit Church**  
Gospel Centered Community  
Service time: 10:30 am  
Cloverleaf Hall in Enterprise  
541-426-2150  
Interim Pastor: Rich Hagenbaugh  
www.summitchurchoregon.org

**Enterprise Christian Church**  
85035 Joseph Hwy • (541) 426-3449  
Worship at 9 a.m.  
Sunday School at 10:30 a.m.  
Evening Worship at 6 p.m.  
(nursery at A.M. services)  
"Loving God & One Another"  
David Bruce, Sr. - Minister

**Christ Covenant Church**  
Pastor Terry Tollefson  
Church Office: 541-263-0505  
**Family Prayer: 9:30 AM**  
**Sunday School: 10 AM**  
**Worship Service: 11 AM**  
723 College Street  
Lostine

**Lostine Presbyterian Church**  
Discussion Group 9:30 AM  
Worship Service 11:00 AM  
Childrens program during service  
Blog: dancingforth.blogspot.com  
541.398.0597  
Hwy 82, Lostine  
Stephen Kliever, Minister

**Enterprise Community Congregational Church**  
**The Big Brown Church with an open door**  
Pastor Archie Hook  
Sunday Worship 11am  
Bible Study 9:30am  
Ark Angels Children's Program  
Ages 4-6th grade, 11am  
Nursery for children 3 & under  
301 NE First St. • Enterprise, OR  
Find us on Facebook! 541.426.3044

**Wallowa Assembly of God**  
702 West Hwy 82  
Wallowa, Oregon  
541-886-8445  
**Sunday School • 9:am**  
**Worship Service • 10:am**  
Pastor Tim Barton  
Visit Us on

**Seventh-Day Adventist Church & School**  
305 Wagner (near the Cemetery)  
P.O. Box N, Enterprise, OR 97828  
541-426-3751 Church  
541-426-8339 School  
**Worship Services**  
Sabbath School 9:30 - 10:45 a.m.  
Worship Hour 11:00 a.m. - Noon  
Pastor Jonathan DeWeber

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