

1 THE SNOW SUPERMAN/HUNGRY MOON THAT THE WORLD WITNESSED



**What is a snow/ hungry moon?**  
A snow moon is simply the name for the full moon that falls in the month of February. In North America, February marks the depths of winter, when snow blankets the ground and fresh food was traditionally harder to come by. Because it's a shorter month, some Februaries don't have a full moon at all.



Snow moon on Feb 9, 2020

**TERMS** **SUPERMOONS** occur when the Moon is at perigee — its closest point to Earth. They can cause stronger ocean tides and weather events. **MICROMOONS** are the opposite, occurring at apogee — when the Moon is furthest from Earth. They can reduce the variation in spring tides by 2 inches (5 centimetre). They appear about 14% smaller than supermoons, and sometimes seem dimmer, since the area illuminated by the Sun appears 30% smaller. **BLUE MOONS**, are like special bonuses. They occur every two or three years, when a month or season has one extra full moon.

You know the news, but did some terms puzzle you? On this page, we explain the terms used in news or by our newsmakers. Figure out why the names, places and terms became the actual newsmakers this week.

**MARCH** | Worm moon, sap moon, crow moon : As spring approaches, earthworms emerge from the ground, maple trees are ripe for tapping, and crows' caw to herald the end of winter. **The next one: March 9, 2020**

**APRIL** | Pink moon, sprouting grass moon, egg moon, fish moon: The pink moon is named for the pink phlox flowers that bloom in spring. The other names refer to more staples of the changing season: growing grass, birds filling nests with eggs, and fish that swim upstream to spawn. **The next one: April 7, 2020**

**MAY** | Flower moon, planting moon : In May, flowers burst fully into bloom and it becomes time to sow crops again. **The next one: May 7, 2020**

**JUNE** | Strawberry moon, rose moon, hot moon : Strawberries ripen for picking in June. Europeans dubbed this the rose moon, and other cultures called it the hot moon because it ushers in summer heat ahead. **The next one: June 5, 2020**

**JULY** | Buck moon, thunder moon, hay moon : Deer grow new, velvety antlers in July, and thunderstorms rage aplenty in some parts of North America. For Anglo-Saxons, July was all about hay. **The next one: July 5, 2020**

**AUGUST** | Sturgeon moon, red moon : Tribes near the Great Lakes and Lake Champlain, US, knew August was the best time to catch sturgeon, an enormous, hearty fish. **The next one: August 3, 2020**



**travel moon** : These names refer to when leaves have fallen. Historically, hunters took advantage of October to store meat for the winter. **The next one: October 1, 2020**

**NOVEMBER** | Beaver moon, frosty moon: This Moon signalled the time to catch beavers and secure a supply of warm furs before the swamps froze. **The next one: November 30, 2020**

**DECEMBER** | Cold moon, long night's moon: December has the longest, darkest nights of the year, and the Moon sits above the horizon longer than usual. **The next one: December 29, 2020**

**JANUARY** | Wolf moon, old moon, ice moon : In mid-winter, as the story goes, hungry wolves would gather outside villages in North America and medieval Europe, and howl into the night. **The next one: January 28, 2021**

HOW DO MOONS GET NAMES?

The names assigned to full moons are often attributed to the native Algonquian people, who share a family of languages and originate from the area that today ranges from New England as far west as Lake Superior. Colonial settlers across North America adopted their own version of the indigenous names, according to 'The Old Farmer's Almanac' (trusted source for weather). Different languages and cultures characterised the Moon differently, sometimes based on agricultural cycles or on natural phenomena.



NAMES, PLACES & TERMS

2 CORONA VIRUS SCARE AND ITS MONSTER EFFECTS



**AIR HUGS**  
Amid coronavirus outbreak, a heartbreaking video from China has surfaced on the internet and it is the most emotional thing you will see. Shared by New China TV, the video shows a nurse treating coronavirus patients consoling her sobbing daughter with an air hug because direct touch is not allowed. With tears rolling down her eyes, the child tells her mom from a distance that she misses her. The nurse replies, "Mum is fighting monsters. I will be back home once the virus is beaten." The mother and daughter then open their arms and embrace a hug from a distance. The inconsolable daughter then puts a box of dumplings on the ground. Once she steps back, the mother comes forward to pick it up. They wave to bid each other goodbye. "I will come back to be your company after we win the fight," the mother promises to her daughter.



PANGOLIN ATTACK

Scientists investigating the animal origins of the novel coronavirus said pangolins could be responsible for the spread of the virus to humans in China. The scientists, whose findings are yet to be published, have found the genome of the coronavirus isolated from pangolins was 99 per cent identical with that separated from infected humans.

WHAT ARE PANGOLINS?

Pangolins are classified as a critically endangered species. According to Chinese law, people who sell pangolins can be imprisoned for a period of 10 years or more. Despite this, thousands of pangolins are poached every year due to their "medicinal value" and the consumption of their meat in countries such as China and Vietnam. It is believed that the novel coronavirus spread from the seafood market in Wuhan, where live animals are sold.

PANGOLINS: WHY THEY ARE EATEN?

Regarding the consumption of pangolins by the Chinese, a separate article published in 'Nature' says that the animals, also known as scaly ant-eaters, are the most primitive Chinese mammals used for meat, while their scales are used to prepare medicines. As per the article, fresh scales are never used, but are dried and then roasted to cure a variety of ills. Some of these illnesses include excessive nervousness, hysterical crying in children, malarial fever and deafness, among others.

3 WINDOW OPENS FOR E-YACHT BUT HAS GATES BOUGHT IT?



**FAKE NEWS ALERT**  
Sinot, the Dutch yacht design firm behind the hydrogen-powered vessel, said that Bill Gates didn't buy it, contrary to media reports. Aqua is a concept under development, it said

- The 112-metre luxury vessel is the world's first hydrogen-powered super yacht, with an infinity pool, helipad, spa and gym.
- It made headlines as a world's first when news flew in that tycoon Bill Gates has bought it for \$500 million.
- Besides being powered by liquid hydrogen, other eco-features include fire pits, which are gel-fueled fire bowls, designed to keep guests warm outdoors without burning wood/coal.

5 MEET DELHI CM ARVIND KEJRIWAL

**ARVIND KEJRIWAL**  
**BORN ON: AUGUST 16, 1968**  
**JOURNEY TO POLITICS:** A former bureaucrat, Kejriwal was sworn in as the 8th Chief Minister of Delhi on February 16, 2020. In 2012, he launched the Aam Aadmi Party and became the Chief Minister of Delhi from December 2013 to February 2014, stepping down after 49 days of assuming power. Then he won the 2015 Delhi Assembly elections with a historic majority, obtaining 67 out of 70 assembly seats.

**HIS LIFESTYLE**  
Kejriwal is a strict vegetarian and keen practitioner of the 'Vipassana' for many years now. He even meditates regularly. Even after becoming the CM, Kejriwal refused to accept the 'lal batti gaadi' (red-beacon car) and other facilities meant for his security.

**BEFORE JOINING POLITICS:** Kejriwal had worked in the Indian Revenue Service as a Joint Commissioner of Income Tax. He is an engineering graduate from Indian Institute of Technology (IIT) Kharagpur.

**MINI MUFFLERMAN?** Last week that saw AAP win the Delhi elections also brought fame to a mini 'mufflerman' — a one-year-old, who won hearts in the social media world. He too bagged an invite for Kejriwal's swearing-in ceremony.

**RECOGNITION:** In 2006, Kejriwal was awarded the Ramon Magsaysay Award for his contribution to India's right-to-information movement and empowering citizens to fight corruption.

4 FIVE TRENDS IN AI FOR 2020



**1 TRAINING AI TO KNOW WHAT IT DOES NOT KNOW:** The next decade will determine if humans or machines are better at making a medical diagnosis as more health care companies turn to AI for accuracy. One problem that Curai is working on, is how to train a model to know when it doesn't know, so a human can intervene to avoid the misclassification of unknown diseases. This approach is known as physician-in-the-loop.

**WHAT IS CURAI?**  
Curai, a machine learning-driven start-up, helps patients deliver the right information to doctors to help medical professionals figure out the best diagnosis — and reduce the overhead for doctors so they can work with more patients without the grunt work. Patients can send photos of rashes, describe their symptoms, or MRI results and help navigate those results to come to the best conclusion with doctors and have more readily available access.

**2 REDUCING CALL CENTRE BURDEN :** United Health received 36 million calls in 2017 with 7.6 million calls transferred to a representative. The AI platform solution involves deep learning for a pre-check portal and claim queue. It would help Automatic Speech Recognition to translate audio to text. The platform will aid the Natural Language Processing for unsupervised clustering and generate new call variables.

**3 RETAIL GIANTS MAKING BIG AI INVESTMENTS**  
Imagine a shopping experience where the carts are plentiful, cashiers are always open, and inventory is fully stocked. Rather than focus on replacing cashiers, retail giants are more focused on inventory control.

**4 AI COULD BE THE ANSWER TO RESTORING PRIVACY :** Privacy has been in the headlines lately as social media users begin to question what is a fair exchange for a free service. While the battle is nearing two years since Cambridge Analytica, other firms are creating AI recommendation engines so powerful that little information is needed about the person making the choice; their preference is enough to determine what to recommend next. Netflix is a leader here with its recommendation engine for content. Pinterest also employs a complex recommendation engine to surface the best image for an individual. This is done through query understanding to candidate generation to ranking to blending to the final result.



**5 PREPARE TO BE BLOWN AWAY BY AI-ASSISTANTS :** Over the next few years, we will become hands-free and will have better posture and fewer car accidents. Many firms believe the data produced by AI-assistants will be valuable — expect a full-fledged battle between Amazon, Google, Facebook and Apple in this space.

