

DAILY TRACKERNUCLEAR ISSUES

1. When the armies of India and China were locked in a standoff along the Line of Actual Control last summer, People's Liberation Army (PLA) was quick to install a fibre optic network in remote areas of that region. According to a report released by the Pentagon titled: 'Military and Security Developments Involving the People's Republic of China 2021', the PLA installed the fibre optic for increased protection from foreign interception as well as faster communication in the remote areas of that region.

Source: <https://www.financialexpress.com/defence/china-builds-fibre-optic-network-along-lac-with-india-expands-its-nuclear-arsenal/2363762/>

2. North Korea has the capacity to make more base ingredients for nuclear bombs than previously believed, according to new research, suggesting the [Kim Jong Un](#) regime possesses the potential to accelerate the earliest stages of production.
3. The nation's output of uranium—a fissile material for nuclear weapons when enriched—is just a fraction of what could be produced, according to new research from Stanford University's Center for International Security and Cooperation. The assertion is based on satellite-imagery analysis of the equipment and facility size of the Kim regime's only confirmed operational uranium mining complex in Pyongsan county, about 30 miles north of the Korean Demilitarized Zone. That milling capacity assessment was contrasted with North Korea's estimated production, based on the levels of waste deposited near the mill.

Source: <https://www.foxnews.com/world/north-korea-ingredients-nuclear-bombs>

4. The US spends more than \$70 billion dollars each year to build and maintain nuclear weapons. That's money that could otherwise be used to solve urgent and widespread security problems including the COVID-19 pandemic, access to clean water, the global climate crisis, and racial inequities that plague the nation.

Source: <https://allthingsnuclear.org/dcombs/a-local-leader-speaks-out-on-nuclear-weapons/>

NUCLEAR PROLIFERATION

1. China is expected to have at least 1,000 nuclear warheads by 2030, according to a new projection by the US military - a significant acceleration of its nuclear weapons programme. The Pentagon's analysis sharply increased its estimate of China's upcoming nuclear weapon capability over the coming years, in its latest report.

Source: <https://news.sky.com/story/china-will-have-at-least-1-000-nuclear-warheads-by-2030-pentagon-report-warns-12459705>

2. A group of Democratic lawmakers are urging President Biden to prioritize nuclear weapons strategic agreements in discussions with China, to include pushing for greater transparency and measures they say could avoid a potential arms race.

Source: <https://www.defensedaily.com/dem-lawmakers-urge-biden-to-propose-nuclear-weapons-agreements-in-upcoming-talks-with-china/international/>

3. The F-35A Joint Strike Fighter is nearly ready to take on a new mission, that of a nuclear-capable bomber. The Air Force has completed the flight testing to ensure the F-35A can safely—and reliably—drop the B61-12 thermonuclear bomb. The combination of crewed aircraft and nuclear bomb will ensure the U.S. government would have options in the event of a crisis, including one where a nuclear bomb could be literally recalled at the last second.

Source:

https://finance.yahoo.com/news/why-pentagon-equipping-f-35-181300606.html?guccounter=1&guce_referrer=aHR0cHM6Ly93d3cuZ29vZ2xlLmNvbS8&guce_referrer_sig=AQAAAFuMYirv9C3iuaejStwxA-u9zRE7_vM--UOXyAYh94tHla8iYm1T2UhaELAr6pTwI4YcLd_jlliuC7JSqxLMnD_xaDg7sp-lhcPI8FchSrTLAWK0w7TsJP1X7wCsGM6ZKoMTZq5BaKe_p3sLxCSw72dnDF6undxap-C0axdwOMFd

MISSILES/BIO WEAPONS

1. The U.S. State Department approved the potential sale of 280 AIM-120C air-to-air missiles in a deal valued at up to \$650 million, the Pentagon said on Thursday. The sale is the first major foreign military sale to Saudi Arabia by the Biden administration since taking office and adopting a policy of selling only defensive weapons to the Gulf ally.

Source: <https://www.dailysabah.com/business/defense/us-greenlights-sale-of-air-to-air-missiles-to-saudi-arabia>

2. The US State Department has approved the potential sale to Saudi Arabia of 280 AIM-120C air-to-air missiles in a deal valued at up to \$650 million, the Pentagon said on Thursday. Riyadh requested to buy 280 AIM-120C-7/C-8 Advanced Medium Range Air-to-Air Missiles (AMRAAM) and 596 LAU-128 Missile Rail Launchers. The package would also include spare parts, support and logistical services. The principal contractor will be Raytheon Technologies, of Waltham, Mass.

Source: <https://www.defensenews.com/air/2021/11/04/washington-oks-missiles-worth-650m-for-saudi/>

3. Rust's November update will give players a new reason to watch the skies, because after today those skies might be filled with up to a dozen rockets screaming toward your base and/or face. The November update adds military bases to the map, and each base has a missile-launching vehicle that can be used to rain death and destruction onto a specifically targeted area."The new Desert Military Base monuments each have a parked Multiple Launch Rocket System (MLRS)," says Facepunch Studios. "This vehicle doesn't move—you won't be driving it around the map—but it can be set up to fire rockets to any target. Except safe zones, naturally."

Source: <https://www.pcgamer.com/push-a-button-to-make-it-rain-missiles-in-the-new-rust-update/>

UN REFORMS

1. It must convene an urgent meeting on the escalating attacks in Chin State and the overall deepening political, human rights and humanitarian crisis as a result of the Myanmar military leaders' search for power and greed that has caused immense suffering," the statement said.

Source: <https://www.aljazeera.com/news/2021/11/5/over-500-rights-groups-urge-un-to-stop-myanmar-armys-violence>

2. Activists will take over the UN climate summit in Scotland on Friday, capping off a week of dizzying government speeches and pledges with a student march, youth-led presentations, and a giant iceberg shipped from Greenland to Glasgow's River Clyde to dramatize the plight of the Arctic. UK organizers decided to hand the day over to civic groups in an acknowledgement of how young campaigners like Vanessa Nakate of Uganda and Greta Thunberg of Sweden have raised public understanding of climate change, and a nod to their stance that today's youth must live with consequences of state decisions.

Source: <https://www.tribuneindia.com/news/schools/young-activists-to-take-spotlight-for-a-day-at-un-climate-talks-334315>

3. On World Tsunami Awareness Day on Friday, UN Secretary-General Antonio Guterres stressed that rising sea levels caused by the climate catastrophe will aggravate the deadly force of tsunamis. "As a result, we must limit warming to 1.5 degrees Celsius above pre-industrial levels and invest in coastal community resilience at scale," Guterres added. His reference to 1.5 degrees Celsius was in reference to the ongoing COP26, the annual climate change conference, where world leaders are debating climate actions and financing in order to reduce emissions and limit global temperature rise to 1.5 degrees Celsius above pre-industrial levels.

Source: <https://www.thestatesman.com/world/invest-scale-coastal-communities-resilience-un-secretary-general-1503022924.html>

4. World Tsunami Awareness Day is observed every year across the globe on 5 November. It is a day to spread awareness about the deadly natural disaster that claimed more than 2,60,000 lives in the past 100 years. In December 2015, the United Nations (UN) selected 5 November as the World Tsunami Awareness Day to call on international bodies, civil society, and countries to raise awareness about the natural disaster. The UN also wanted countries and other related bodies to share innovative



approaches to risk reduction in the future. For the unversed, this day is a brainchild of Japan. Over the years, Japan has developed major expertise on Tsunami early warning as well as public action due to the country's sad and repeated experience with the disaster.

Source: <https://www.firstpost.com/world/world-tsunami-awareness-day-2021-all-you-need-to-know-about-un-designated-day-10112091.html>