



PANTHRISK WEEKLY RISK REPORT

Week of November 30–6, 2025

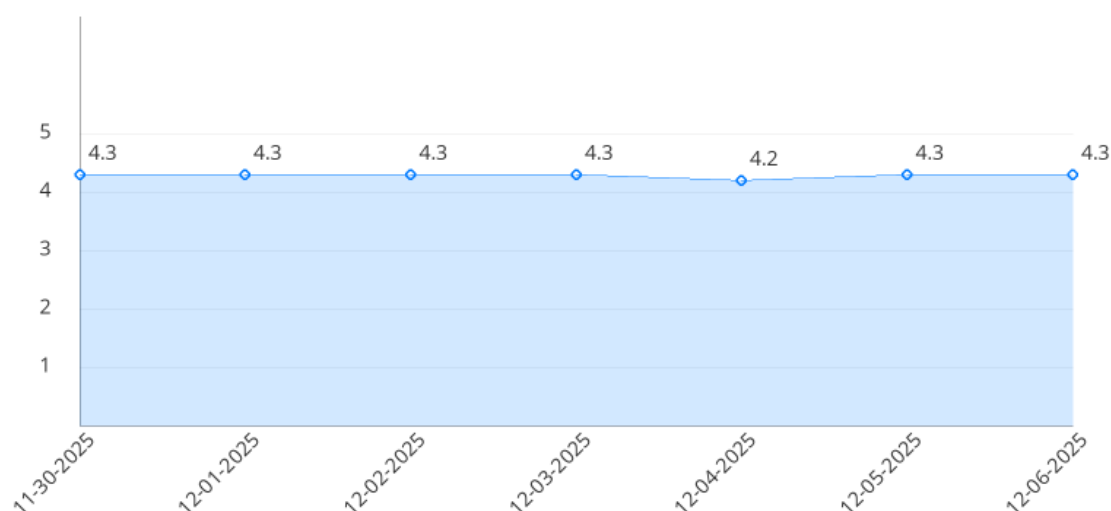
Panthrisk monitors humanity's most serious existential threats using curated news sources and AI-assisted analysis. Each day, our models evaluate key global developments, generate risk-level assessments, and propose actionable interventions. This weekly report summarizes the trends, risk shifts, and notable insights from November 30–6, 2025 across all tracked categories.

Generated: December 6, 2025



Nuclear War

Score Trend (Week of November 30–6, 2025)



This week, the nuclear threat level remains significantly heightened due to a combination of factors including the potential resumption of U.S. nuclear weapons testing, advancements in Russian nuclear capabilities, and escalating geopolitical tensions among nuclear-armed states. The breakdown of communication channels and the modernization of nuclear arsenals contribute to the elevated risk environment. The global community is concerned about the implications of these developments on existing non-proliferation treaties and the potential for an arms race. There is a pressing need for renewed diplomatic efforts to address these issues and reinforce commitments to arms control agreements.



Nuclear War

Recommended Risk Reduction Actions

- **[Government]** Reinforce diplomatic efforts to prevent the resumption of nuclear testing and promote dialogue among nuclear-armed states.
- **[NGO]** Increase public awareness campaigns about the risks of nuclear proliferation and the importance of arms control agreements.
- **[International Organizations]** Convene an emergency session to address the implications of resumed nuclear testing and reinforce non-proliferation treaties.
- **[Industry]** Invest in technologies that improve nuclear detection and monitoring capabilities to support global security efforts.
- **[Diplomats]** Engage in diplomatic efforts to restore communication channels and de-escalate tensions with nuclear-capable states.



Nuclear War

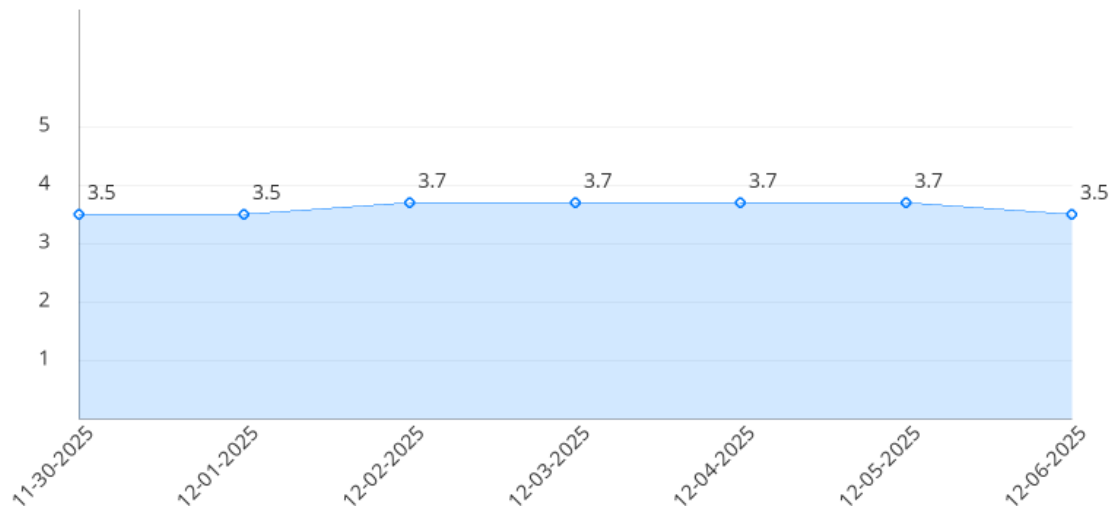
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Trump orders Pentagon to start t... [December 4] – [Read article](#)
Trump's remarks on nuclear testi... [December 4] – [Read article](#)
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Artificial Intelligence



Score Trend (Week of November 30–6, 2025)



This week, the risk level associated with artificial intelligence remains moderate, driven by rapid advancements in AI capabilities and growing collaborations. Concerns are primarily centered around the concentration of power, security vulnerabilities, and ethical implications of AI deployment. The potential for misuse and the need for alignment with societal values are also highlighted as significant challenges. Despite these concerns, the consistent risk score suggests a stable yet cautious outlook on AI developments. The focus remains on ensuring AI safety, transparency, and equitable access to prevent monopolistic practices and misuse.



Artificial Intelligence

Recommended Risk Reduction Actions

- **[Government]** Implement stricter regulations and oversight on AI development to ensure ethical use and prevent concentration of power.
- **[Industry]** Develop and adhere to comprehensive ethical guidelines for AI deployment, focusing on preventing misuse and ensuring alignment with human values.
- **[NGO]** Advocate for transparency and accountability in AI collaborations and partnerships to prevent monopolistic practices.
- **[Academia]** Conduct interdisciplinary research on AI alignment and control mechanisms to address potential risks of uncontrolled self-improvement.
- **[Public]** Engage in informed discussions and education initiatives about the implications of AI advancements to foster public awareness and understanding.



Artificial Intelligence

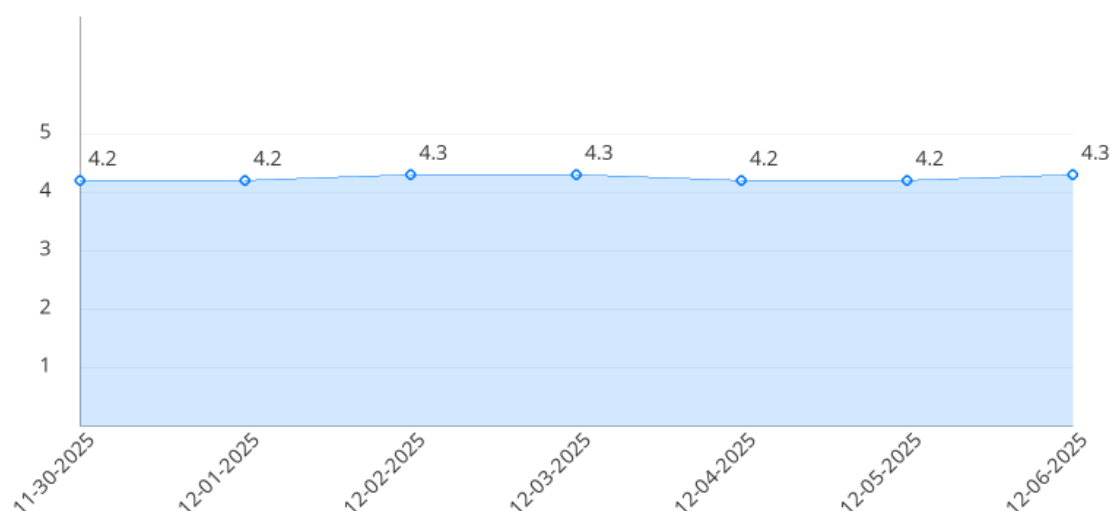
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New report says OpenAI, xAI and ... [December 4] – [Read article](#)
AI safety experts say most model... [December 4] – [Read article](#)
OpenAI to acquire Neptune [December 5] – [Read article](#)
OpenAI and Foxconn collaborate t... [December 5] – [Read article](#)
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AI safety report warns industry ... [December 5] – [Read article](#)
AI creates new security risks fo... [December 5] – [Read article](#)
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Understanding prompt injections:... [December 6] – [Read article](#)
AWS and OpenAI announce multi-ye... [December 6] – [Read article](#)



Climate Change

Score Trend (Week of November 30–6, 2025)



This week, the global climate risk remains high, driven by persistent extreme weather events, policy challenges, and significant economic and ecological vulnerabilities. The retraction of a major climate change study has underscored the need for accurate climate science and effective policy responses. Additionally, the increasing prevalence of global infectious diseases and water scarcity in major cities highlight the interconnected nature of climate risks. The situation is exacerbated by inadequate infrastructure and policy delays, which hinder effective mitigation and adaptation strategies. Overall, the urgency for comprehensive and coordinated action to address climate change impacts is evident.



Climate Change

Recommended Risk Reduction Actions

- **[Government]** Implement and enforce stronger climate policies to accelerate the transition to renewable energy and reduce emissions.
- **[Industry]** Invest in sustainable infrastructure and technologies to enhance resilience against extreme weather events and reduce carbon footprints.
- **[NGO]** Facilitate community-based adaptation projects in vulnerable regions to build local resilience against climate impacts.
- **[Academia]** Ensure rigorous peer review and transparent communication of climate research to maintain public trust and inform policy decisions.
- **[International Organizations]** Enhance global cooperation to address transboundary climate issues, such as water scarcity and disease spread, and support developing nations in their adaptation efforts.



Climate Change

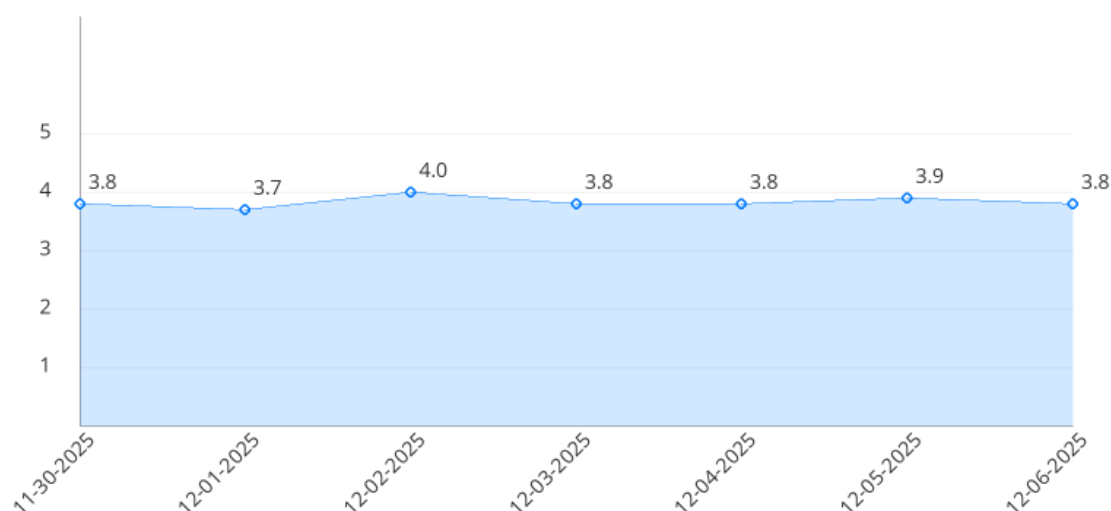
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<i>Tornado season 2025: active thro...</i>	[November 30]	- Read article
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<i>Coffee, cocoa, wine may be beyon...</i>	[November 30]	- Read article
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<i>This year's UN climate talks avo...</i>	[November 30]	- Read article
<i>U.S. dams, levees, stormwater, a...</i>	[December 1]	- Read article
<i>Iceland Declares AMOC Collapse a...</i>	[December 1]	- Read article
<i>Europe's water reserves are depl...</i>	[December 1]	- Read article
<i>Climate Change: An Existential T...</i>	[December 1]	- Read article
<i>MSU scientist helps uncover how ...</i>	[December 1]	- Read article
<i>UN's climate change language 'er...</i>	[December 1]	- Read article
<i>Tornado season 2025: active thro...</i>	[December 2]	- Read article
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<i>Microplastics Impair Marine Life...</i>	[December 2]	- Read article
<i>Southeast Asia floods and landsl...</i>	[December 2]	- Read article
<i>Iceland Declares AMOC Collapse a...</i>	[December 2]	- Read article
<i>Climate change 'increasingly thr...</i>	[December 3]	- Read article
<i>US hurricane insured losses coul...</i>	[December 3]	- Read article
<i>Iran's Capital, Tehran, Faces Ze...</i>	[December 3]	- Read article
<i>Could global warming at Arctic l...</i>	[December 3]	- Read article
<i>New study warns of 'creeping cat...</i>	[December 3]	- Read article
<i>Govt rejects climate advice less...</i>	[December 4]	- Read article
<i>Climate Change and the Global Ag...</i>	[December 4]	- Read article
<i>SOUTHEAST ASIA Floods and climat...</i>	[December 4]	- Read article
<i>Climate shifts could shake Orego...</i>	[December 4]	- Read article
<i>Authors retract Nature paper pro...</i>	[December 4]	- Read article
<i>The EPA let companies estimate t...</i>	[December 5]	- Read article
<i>Millions have fled weather disas...</i>	[December 5]	- Read article
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<i>How debt is undermining countrie...</i>	[December 6]	- Read article
<i>Climate change is killing India'...</i>	[December 6]	- Read article
<i>Delaying Net Zero Could Lock the...</i>	[December 6]	- Read article
<i>Criminal currents: Climate chang...</i>	[December 6]	- Read article



Pandemics

Score Trend (Week of November 30–6, 2025)



This week, the pandemic risk level fluctuated between moderate and high due to a combination of rising cases of COVID-19, flu, RSV, and measles, alongside significant avian flu outbreaks. The emergence of human cases of avian flu in the US has raised concerns, highlighting gaps in surveillance and the challenge of misinformation. Vaccine hesitancy continues to be a major issue, compounded by misinformation, which affects vaccine uptake for various diseases. Economic impacts, particularly from long COVID, are also contributing to the overall risk assessment. Efforts to manage these challenges include enhancing surveillance, improving public communication, and accelerating vaccine development.



Pandemics

Recommended Risk Reduction Actions

- **[Government]** Enhance surveillance and reporting systems for avian flu and other emerging infectious diseases to ensure early detection and response.
- **[NGO]** Launch public awareness campaigns to combat misinformation and promote vaccine uptake, focusing on COVID-19, flu, and measles.
- **[Industry]** Accelerate research and development of vaccines for avian flu and other emerging strains, ensuring rapid deployment in high-risk areas.
- **[Healthcare]** Prepare for potential surges in hospitalizations by ensuring adequate staffing and resources, particularly in regions experiencing high outbreak levels.
- **[Community Organizations]** Support community-based initiatives to improve vaccine accessibility and education, particularly in underserved areas.



Pandemics

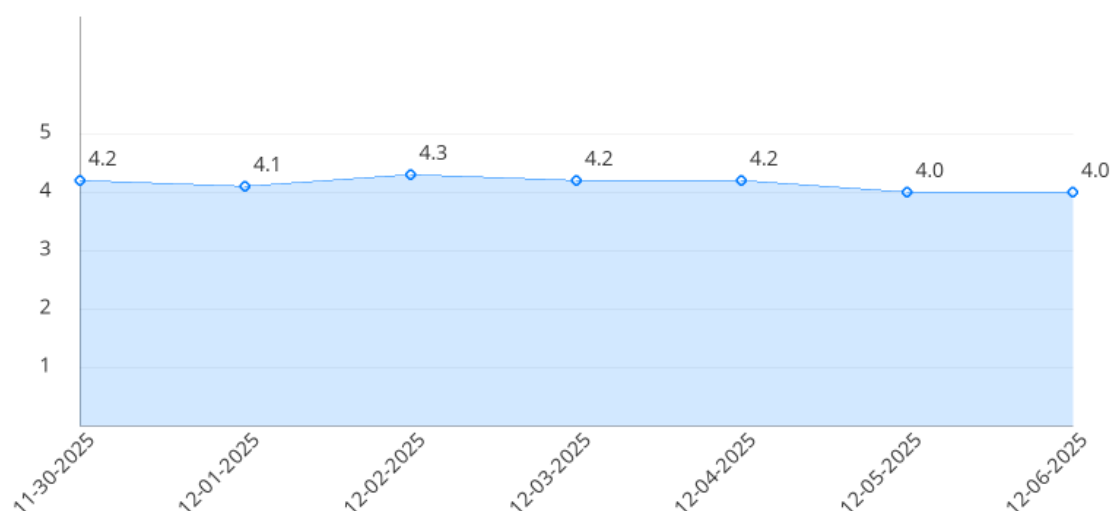
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US COVID levels may be peaking, ... [December 1] – [Read article](#)
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More avian flu detected on India... [December 2] – [Read article](#)
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Review: Human H5N1 avian flu cas... [December 2] – [Read article](#)
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Information Integrity

Score Trend (Week of November 30–6, 2025)



This week, the global threat level from misinformation remains consistently high, driven by the proliferation of fake news, deepfakes, and targeted disinformation campaigns. These issues are exacerbated by the widespread use of AI-generated content and the amplification effects of social media platforms. Key areas affected include politics, health, and finance, with a notable lack of regulatory clarity contributing to the challenge. The persistence of these issues highlights the need for enhanced detection tools, regulatory measures, and public education to address the ongoing risks. Despite previous recommendations, the effectiveness of current strategies remains limited, necessitating further action and innovation.



Information Integrity

Recommended Risk Reduction Actions

- **[Government]** Implement and enforce stricter regulations and penalties for the creation and distribution of misinformation and deepfake content.
- **[Industry]** Enhance AI and machine learning algorithms to better detect and block fake content and deepfakes on digital platforms.
- **[Education]** Integrate comprehensive media literacy programs into school curricula to equip students with critical thinking skills to discern credible information.
- **[NGO]** Launch public awareness campaigns to educate individuals on identifying and reporting misinformation and scams effectively.
- **[Research]** Conduct studies on the psychological and social impacts of misinformation to inform policy and educational strategies.



Information Integrity

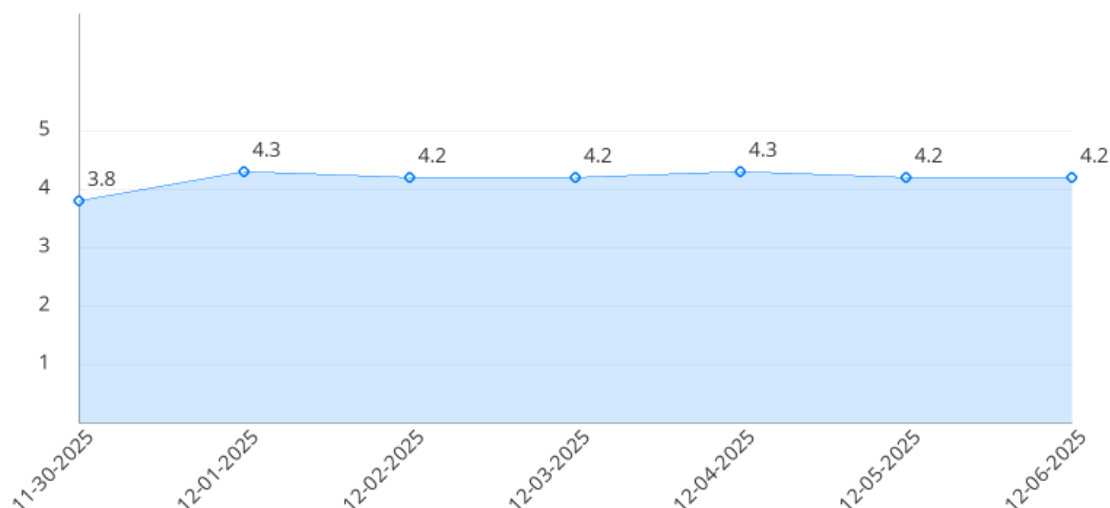
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Pro-Palestinian groups using AI ... [December 2] – [Read article](#)
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Hillary Clinton Blames TikTok fo... [December 3] – [Read article](#)
Parliamentary panel calls for cl... [December 3] – [Read article](#)
Fake news report tabled in Parli... [December 3] – [Read article](#)
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CDC's new claim that vaccines ca... [December 3] – [Read article](#)
South Carolina's measles outbrea... [December 4] – [Read article](#)
Fake news a threat to India's de... [December 4] – [Read article](#)
Truth or Fake - Viral TikTok acc... [December 4] – [Read article](#)
FBI San Diego investigation lead... [December 4] – [Read article](#)
DOJ Seizes Burma Crypto Scam Dom... [December 4] – [Read article](#)
Surge of Russian Disinformation ... [December 5] – [Read article](#)
Fake AI-generated shops, ads flo... [December 5] – [Read article](#)
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Disinformation workers to be bar... [December 6] – [Read article](#)
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Unknown / Black Swan

Score Trend (Week of November 30–6, 2025)



This week, the primary focus is on the potential collapse of the Atlantic Meridional Overturning Circulation (AMOC), which poses a significant Black Swan risk with far-reaching implications for global climate stability and geopolitical dynamics. Iceland has repeatedly issued warnings about this threat, emphasizing its unpredictability and potential to cause widespread environmental and economic disruptions. The consistent high scores associated with these warnings indicate a growing concern among experts about the severe consequences of such an event. The potential collapse of the AMOC could lead to drastic climate shifts, affecting weather patterns, sea levels, and global temperatures, thereby impacting ecosystems and human societies worldwide.



Unknown / Black Swan

Recommended Risk Reduction Actions

- **[Government]** Prioritize climate change mitigation strategies and invest in research to better understand and monitor the AMOC.
- **[NGO]** Raise public awareness about the potential consequences of AMOC collapse and advocate for stronger climate policies.
- **[Industry]** Encourage industries to assess and mitigate risks associated with climate variability and supply chain disruptions.
- **[International Organizations]** Facilitate global cooperation to prepare for and mitigate the potential geopolitical and economic impacts of drastic climate shifts.
- **[Media]** Provide clear, accurate reporting on the implications of AMOC changes to inform and engage the public effectively.



Unknown / Black Swan

Relevant Articles

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Could mysterious Manhattan-sized... [November 30] - [Read article](#)
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Week in Review: November 30–6, 2025



This week, existential risk trends across the six domains reveal a mix of heightened concerns and stable risk levels. In the nuclear domain, the risk remains significantly elevated due to geopolitical tensions and advancements in nuclear capabilities, prompting calls for renewed diplomatic efforts. Artificial intelligence risks are stable but moderate, with ongoing concerns about power concentration, security, and ethical implications. Climate change risks remain high, driven by extreme weather events and policy challenges, highlighting the need for coordinated mitigation efforts. Pandemic risks fluctuate between moderate and high, influenced by rising cases of various diseases and vaccine hesitancy. Information integrity threats persist at high levels due to misinformation and disinformation, necessitating improved detection and regulatory measures. Finally, the potential collapse of the Atlantic Meridional Overturning Circulation is a significant Black Swan risk, with experts warning of its severe global impacts. Overall, the week underscores the importance of strategic responses across these domains to mitigate potential risks.



Closing Notes

Thank you for reviewing this week's Panthrisk report. To stay informed, visit **panthrisk.com** — our dashboard is updated daily with the latest risk levels, GPT summaries, and recommended actions.

If you find this information valuable, please share it with colleagues working to reduce global catastrophic risk. Awareness is the first step toward action.