

Part 1: Economics & Banking

Q1. In its June 2026 Monetary Policy Committee (MPC) review, the Reserve Bank of India (RBI) decided to maintain the repo rate at what percentage?

[A] 5.00%

[B] 5.25%

[C] 5.50%

[D] 6.00%

Correct Answer: [B] 5.25%

Detailed Explanation:

The Reserve Bank of India's (RBI) Monetary Policy Committee (MPC) adopted a cautious "wait-and-watch" stance during its June 2026 meeting, keeping the benchmark repo rate unchanged at **5.25%**. The primary driver behind this decision is the escalating geopolitical crisis in West Asia involving the US, Israel, and Iran, which has sparked significant uncertainty over global crude oil prices, disrupted global supply chains, and triggered minor capital outflows from emerging markets like India. Simultaneously, the RBI revised its India GDP growth forecast for FY27 downwards from 6.9% to 6.7%. Keeping the repo rate at 5.25% ensures that borrowing costs (EMIs for home and auto loans) remain stable while checking domestic inflationary pressures.

Q2. Which regulatory body launched the 'StAR NPS' platform in June 2026 to streamline digital onboarding for subscribers?

[A] IRDAI

[B] SEBI

[C] PFRDA

[D] RBI

Correct Answer: [C] PFRDA

Detailed Explanation:

The Pension Fund Regulatory and Development Authority (PFRDA), which regulates India's National Pension System (NPS), launched the '**StAR NPS**' digital onboarding platform. Developed by BSE Technologies Private Limited (BTPL), a subsidiary of the Bombay Stock Exchange, this platform simplifies the registration, verification, and contribution journey for pension subscribers. Alongside this launch, PFRDA introduced an enhanced **Regulatory Sandbox framework** allowing both registered intermediaries and external fintech firms to test innovative tech solutions with a controlled set of live users.

Q3. In June 2026, which multilateral bank signed an agreement with Standard Chartered Bank to strengthen supply chain finance in India using a risk-sharing mechanism?

[A] World Bank

[B] Asian Development Bank (ADB)

[C] New Development Bank (NDB)

[D] Asian Infrastructure Investment Bank (AIIB)

Correct Answer: [B] Asian Development Bank (ADB)

Detailed Explanation:

The **Asian Development Bank (ADB)** and Standard Chartered Bank solidified a major partnership by signing risk-sharing agreements to bolster supply chain financing across India. Unique in its design, the framework covers trade and supply chain transactions denominated in both United States Dollars (USD) and Indian Rupees (INR). This initiative provides SMEs and large corporate vendor networks in India with deep liquidity and credit assurance amidst volatile global trade



landscapes caused by maritime disruptions in major shipping straits.

Part2:National News & Government Schemes

Q4. The Cabinet Committee on Economic Affairs (CCEA) approved four major National Highway projects worth over ₹24,249 crore in June 2026. Which of the following states is NOT among the beneficiaries of these projects?

- [A] Odisha
- [B] Bihar
- [C] Telangana
- [D] Jharkhand

Correct Answer: [D] Jharkhand

Detailed Explanation:

The Cabinet Committee on Economic Affairs (CCEA), chaired by Prime Minister Narendra Modi, greenlit 4 massive National Highway projects cumulatively worth ₹24,249 crore spanning over 700 kilometers. The four beneficiary states are **Odisha, Telangana, Bihar, and Madhya Pradesh.**

- In **Bihar**, the project involves widening the Khagaria-Purnea section of NH-31 and NH-231 to 4 lanes at a cost of ₹3,936.05 crore, alongside a greenfield bypass for Purnea city.
- In **Madhya Pradesh**, the NH-347B section will see major 2-lane and 4-lane upgrades. All four projects are integrated under the **PM GatiShakti-National Master Plan** to maximize logistics efficiency.

Q5. On World Environment Day (June 5, 2026), 18 'Namo Oxygen Parks' were inaugurated in Delhi. Under which national campaign were these parks developed?

- [A] Green India Mission
- [B] Ek Ped Maa Ke Naam
- [C] Mission LiFE
- [D] Nagar Van Yojana

Correct Answer: [B] Ek Ped Maa Ke Naam

Detailed Explanation:

To celebrate World Environment Day 2026, the Union Environment Ministry alongside Delhi state authorities inaugurated **18 Namo Oxygen Parks** across the National Capital Territory. These eco-zones were constructed under the popular '**Ek Ped Maa Ke Naam**' (Plant a Tree in the Name of Your Mother) campaign. The parks are specifically designed with high-oxygen-yielding indigenous trees to function as urban green lungs, control dense particulate air pollution, and boost local micro-biodiversity.

Q6. Jai Prakash Narayan Bird Sanctuary (Surha Tal), which was officially designated as India's milestone 100th Ramsar Site in June 2026, is located in which state?

- [A] Bihar
- [B] Uttar Pradesh
- [C] Madhya Pradesh
- [D] Rajasthan

Correct Answer: [B] Uttar Pradesh

Detailed Explanation:

In a major milestone for global wetland conservation, India officially designated its **100th Ramsar Site**—the **Jai Prakash Narayan Bird Sanctuary**, popularly known as **Surha Tal**. Located in the **Ballia district of Uttar Pradesh**, this massive natural floodplain wetland is deeply celebrated for its rich avifaunal biodiversity, serving as a critical wintering ground for thousands of migratory birds

traveling via the Central Asian Flyway. This designation reflects India's rapid scale-up in conserving wetlands to build climate resilience.

Q7. Which Union Ministry developed the "Panchayat Advancement Index" (PAI), which won the Gold Award at the National Awards for e-Governance 2026?

- [A] Ministry of Rural Development
- [B] Ministry of Panchayati Raj
- [C] Ministry of Housing and Urban Affairs
- [D] Ministry of Statistics and Programme Implementation

Correct Answer: [B] Ministry of Panchayati Raj

Detailed Explanation:

The **Ministry of Panchayati Raj's** flagship initiative, the **Panchayat Advancement Index (PAI) 2.0**, secured the coveted **Gold Award** at the National Awards for Electronic Governance (NAeG) 2026 under the category "Digital Transformation through the Use of Data Analytics in Digital Platforms." PAI is India's premier data-driven analytical framework that cross-evaluates and ranks over 2.6 lakh Gram Panchayats across the nation using 150 distinct indicators and 230 data points. The award will be formally conferred during the 29th National Conference on e-Governance in Jaipur in July 2026.

Q8. The Ministry of Education has approved the establishment of the first Indian branch campus of the prestigious University of Liverpool in which city?

- [A] Mumbai
- [B] Hyderabad
- [C] Bengaluru
- [D] Chennai

Correct Answer: [C] Bengaluru

Detailed Explanation:

Fulfilling the internationalization mandates outlined in the **National Education Policy (NEP) 2020**, the Ministry of Education cleared the final deck for the **University of Liverpool (UK)** to establish its first-ever standalone Indian branch campus in **Bengaluru, Karnataka**. Bengaluru was selected due to its globally recognized ecosystem in deep tech, biosciences, startups, and advanced research, which allows the university to provide dual-degree systems and collaborative industrial R&D inside India.

Q9. The Government of India has expanded its Quick Response (QR) code tagging initiative for Food Corporation of India (FCI) grain bags to which group of states in June 2026?

- [A] Punjab, Haryana, and Uttar Pradesh
- [B] Andhra Pradesh, Telangana, and Odisha
- [C] Maharashtra, Gujarat, and Rajasthan
- [D] Tamil Nadu, Kerala, and Karnataka

Correct Answer: [B] Andhra Pradesh, Telangana, and Odisha

Detailed Explanation:

To prevent grain pilferage, streamline central subsidies, and track procurement, the Government of India expanded the **FCI QR-code tagging initiative** to three major grain-producing coastal states: **Andhra Pradesh, Telangana, and Odisha** for the ongoing marketing season. Every single jute bag containing wheat or paddy is tagged with a unique encrypted QR code. When scanned through electronic Point-of-Sale (ePoS) devices at Fair Price Shops (FPS), it automatically validates the exact crop season, origin mandis, and stock age, eliminating leakages in the Public Distribution System (PDS).

Q10. Union Minister Jayant Chaudhary launched 'Navachar Mantra', a flagship national startup mentoring initiative, at which premium institute?

- [A] IISc Bengaluru
- [B] IIT Delhi
- [C] IIT Bombay
- [D] IIT Madras

Correct Answer: [B] IIT Delhi

Detailed Explanation:

Union Minister of State (Independent Charge) for Skill Development and Entrepreneurship, Jayant Chaudhary, officially rolled out '**Navachar Mantra**' at **IIT Delhi**. This ambitious national program aims to establish an uncompromised supply chain of mentorship, intellectual property (IP) guidance, and seed capital scaling for deep-tech student innovators across India, transforming university-level laboratory prototypes into commercial market-ready products.

Part 3: International News

Q11. Which of the following countries was elected as a first-time non-permanent member of the United Nations Security Council (UNSC) for the 2027-2028 term in June 2026?

- [A] Portugal
- [B] Kyrgyzstan
- [C] Austria
- [D] Zimbabwe

Correct Answer: [B] Kyrgyzstan

Detailed Explanation:

The United Nations General Assembly (UNGA) elected 5 new non-permanent members to the 15-member UNSC for a two-year tenure

beginning January 1, 2027, through December 31, 2028. The five elected nations are **Austria, Kyrgyzstan, Portugal, Trinidad and Tobago, and Zimbabwe**. Out of these, **Kyrgyzstan's election is historic** as it marks the Central Asian nation's first-ever term on the elite Security Council since it joined the United Nations in 1992 following the dissolution of the Soviet Union.

Q12. In June 2026, the Iranian Foreign Ministry publicly tied any memorandum of understanding (MoU) or peace deal with the United States to a total cessation of hostilities in which country?

- [A] Yemen
- [B] Lebanon
- [C] Syria
- [D] Iraq

Correct Answer: [B] Lebanon

Detailed Explanation:

Iranian Foreign Minister Abbas Araqchi declared that ongoing backchannel diplomatic negotiations and any potential peace deal with the United States are directly inseparable from the conflict in **Lebanon**. Iran made it explicitly clear that it will not sign any regional maritime or asset-release memorandum unless military actions against Hezbollah in Lebanon are permanently halted. Additionally, the deal hinges on the upcoming US administration unfreezing **\$24 billion in frozen Iranian financial assets**.

Q13. British teenager Henry Nowak's tragic murder sparked an intense international political row in June 2026 after which global political figure blamed European "mass migration" for the crime?

- [A] Keir Starmer
- [B] JD Vance

[C] Emmanuel Macron

[D] Rishi Sunak

Correct Answer: [B] JD Vance

Detailed Explanation:

A major diplomatic and political row erupted between London and Washington after **US Vice President JD Vance** posted on social media that British teen Henry Nowak would still be alive if European nations had stopped what he called a "mass invasion of migrants." Downing Street and UK Deputy Prime Minister David Lammy strictly rejected Vance's rhetoric, accusing external political leaders and tech executives like Elon Musk of exploiting a grieving family's knife-crime tragedy to fuel social divisions.

Part 4: Science, Technology & Defense News

Q14. India has officially joined 'Project Glasswing' in June 2026. What is the core objective of this global initiative?

[A] Deep-sea oceanographic exploration

[B] Cybersecurity and AI-driven software vulnerability defense

[C] Commercial space station development

[D] Rare-earth mineral extraction in Antarctica

Correct Answer: [B] Cybersecurity and AI-driven software vulnerability defense

Detailed Explanation:

India joined 'Project Glasswing', an elite international cybersecurity alliance spearheaded by advanced AI safety firm Anthropic PBC. Through this strategic tie-up, India's premier cyber defense cells gain specialized access to **Claude Mythos AI**, an ultra-advanced Artificial Intelligence model tailored exclusively to locate hidden backdoors,

cryptographic bugs, and software vulnerabilities within critical state infrastructure (such as nuclear grids, power lines, and banking systems) before hostile state actors can exploit them.

Q15. Major Prabhat Mishra of the Indian Army created history in June 2026 by becoming the first Indian officer to simultaneously win which two prestigious international military honors?

[A] Birrer-Brookes Award & General Douglas MacArthur Military Leadership Writing Award

[B] Victoria Cross & Purple Heart

[C] Knight's Cross & Legion of Merit

[D] Golden Pen Award & Sandhurst Sword of Honour

Correct Answer: [A] Birrer-Brookes Award & General Douglas MacArthur Military Leadership Writing Award

Detailed Explanation:

Major Prabhat Mishra, hailing from the Indian Army's legendary **22 Kumaon Regiment**, brought immense global laurels by securing the 4th rank among 1,185 elite international officers (ranking in the top 1%) at the United States Army Command and General Staff College. He became the first Indian officer to simultaneously win the **Birrer-Brookes Award for Outstanding Master of Military Arts and Science (MMAS) Thesis** and the **General Douglas MacArthur Military Leadership Writing Award**, alongside the Golden Pen Award for scholarly excellence.

Q16. Which defense firm in Swindon did British Prime Minister Sir Keir Starmer visit in June 2026 to announce a historic hike in the UK's national defense spending to 2.6% of GDP?

[A] BAE Systems

[B] Stark

[C] Rolls-Royce Defense

[D] Thales UK

Correct Answer: [B] Stark

Detailed Explanation:

During a highly publicized state address at the defense manufacturing firm **Stark in Swindon**, UK Prime Minister Sir Keir Starmer officially announced a landmark increase in the United Kingdom's national defense budget to **2.6% of GDP**. Citing long-term threats to underwater communication cables, cyber warfare, and intelligence briefings indicating a potential direct conflict between Russia and NATO by the year 2030, Starmer highlighted that this represents the UK's largest sustained expansion in defense capabilities since the Cold War.

Q17. Scientists at the Large Hadron Collider (LHC) recently announced the discovery of the smallest-ever fluid droplet of which primordial state of matter?

[A] Bose-Einstein Condensate

[B] Quark-Gluon Plasma (QGP)

[C] Liquid Metallic Hydrogen

[D] Degenerate Neutronium

Correct Answer: [B] Quark-Gluon Plasma (QGP)

Detailed Explanation:

In a breakthrough for fundamental particle physics, scientists working at CERN's Large Hadron Collider (LHC) detected the **smallest-ever fluid droplet of Quark-Gluon Plasma (QGP)**. QGP is an ultra-dense, hot primordial soup of unconfined quarks and gluons that existed mere microseconds after the Big Bang. This discovery proves that collective fluid-like traits—such as viscosity and thermal dissipation—can surprisingly manifest in systems consisting of just a few thousand subatomic particles. India

participates actively in this research via the DAE-CERN protocol.

Q18. What is the name of the AI-based wildlife surveillance and anti-poaching monitoring system deployed to protect elephant corridors, as highlighted in India's recent biodiversity governance reports?

[A] Gajah Suchana

[B] HAWK (Hostile Activity Watch Kernel)

[C] Garuda Eye

[D] Project Vyaghra

Correct Answer: [B] HAWK (Hostile Activity Watch Kernel)

Detailed Explanation:

India's Environment Ministry has heavily integrated state-of-the-art tech frameworks to curb wildlife crimes. While *Gajah Suchana* is a mobile-based information and tracking network, **HAWK (Hostile Activity Watch Kernel)** is an advanced, enterprise-grade AI-powered surveillance and monitoring system. HAWK acts as the central nerve system for anti-poaching operations, mapping real-time forest fires, wire-traps, and unauthorized human movements across vulnerable elephant and tiger landscapes.

Part5: Memorandums of Understanding (MoUs) & Bilateral Meets

Q19. In June 2026, India and the United Kingdom jointly launched the "Critical Minerals Global Supply Chain Observatory (GSCO)" in which city?

[A] London

[B] Bengaluru

[C] New Delhi

[D] Manchester

Correct Answer: [C] New Delhi

Detailed Explanation:

Union Minister of Mines and Coal, G. Kishan Reddy, and the UK Secretary of State for Foreign, Commonwealth and Development Affairs, Yvette Cooper, jointly inaugurated the **India-UK Critical Minerals Global Supply Chain Observatory (GSCO)** in New Delhi. This bilateral institution is designed to monitor and secure supply chains for rare-earth materials, cobalt, lithium, and nickel, reducing dependencies on single-nation monopolies and fueling the electric vehicle (EV) and semiconductor manufacturing sectors in both nations.

Q20. Assam launched the multi-crore "Mission Senehjori" in June 2026 in partnership with the Ministry of Development of North Eastern Region (MDoNER). Which product is the sole focus of this development cluster?

[A] Assam CTC Tea

[B] Joha Rice

[C] Muga Silk

[D] Bamboo Handicrafts

Correct Answer: [C] Muga Silk

Detailed Explanation:

Union Minister Jyotiraditya M. Scindia (MDoNER) and the Assam State Government jointly launched **Mission "Senehjori"**, backed by an investment layout of ₹396-411 crore. The mission's exclusive target is **Assam Muga Silk**—the world's rarest, naturally golden silk produced by the silkworm *Antheraea assamensis*, which feeds natively on Som and Soalu trees. Muga silk holds a Geographical Indication (GI) tag since 2007. The mission builds global luxury textile supply chains, directly supporting 2.6 lakh indigenous weaver families.

Part 6: Sports, Awards & Honors

Q21. Which city hosted the prestigious 2026 French Open, where Alexander Zverev defeated Italian tennis player Flavio Cobolli to reach the men's singles final in June 2026?

[A] London

[B] Rome

[C] Paris

[D] Madrid

Correct Answer: [C] Paris

Detailed Explanation:

The clay-court Grand Slam, the **French Open 2026**, held annually at the iconic Stade Roland Garros in **Paris, France**, witnessed high-octane tennis in early June. Germany's Alexander Zverev secured his place in the men's singles final match by overriding a fierce challenge from Italy's rising tennis star, Flavio Cobolli, in a gripping four-set semifinal clash.

Q22. The prestigious "Food Planet Prize", recognized as the world's largest environmental award for sustainable food system innovations, originates from which country?

[A] Norway

[B] Sweden

[C] Denmark

[D] Germany

Correct Answer: [B] Sweden

Detailed Explanation:

The **Food Planet Prize** was established in **Sweden** in 2019. It stands globally as the largest environmental prize, offering a massive \$1 million reward to scalable, breakthrough innovations capable of feeding a rapidly growing global population while fully restoring

and protecting a resilient biosphere. The award was prominently highlighted in India's June 2026 ecological transformation roundtables.

Q23. The Department of Administrative Reforms and Public Grievances (DARPG) announced the 29th National Awards for Electronic Governance (NAeG) 2026. How many total projects/initiatives were selected across India?

- [A] 10
- [B] 15
- [C] 17
- [D] 25

Correct Answer: [C] 17

Detailed Explanation:

The Department of Administrative Reforms and Public Grievances (DARPG), under the Ministry of Personnel, Public Grievances and Pensions, formally declared the **29th National Awards for Electronic Governance (NAeG) 2026**. A strict expert committee evaluated hundreds of entries and meticulously selected **17 breakthrough digital governance projects** across 7 distinct operational categories. These awardees will be honored at the national convention in July 2026.

Part 7: Art, Culture, Festivals & Tribes

Q24. Patna Kalam, a prominent school of painting discussed extensively in recent cultural heritage restoration summits, flourished during which historical period in India?

- [A] Ancient Maurya Period
- [B] Early Medieval Era
- [C] Post-Mughal / British Colonial Era
- [D] Gupta Golden Age

Correct Answer: [C] Post-Mughal / British Colonial Era

Detailed Explanation:

Patna Kalam (or Patna School of Painting) is an offshoot of the Mughal style that bloomed intensely during the **mid-18th to mid-20th centuries (Post-Mughal and British Raj)**. When royal patronage dried up in Delhi, painters migrated to Patna. Unlike grand Mughal court paintings, Patna Kalam is globally famous for its raw, elegant depiction of **daily common life**—such as local artisans, fishmongers, blacksmiths, and bazaars—painted directly onto paper or ivory using specialized water brush strokes without sketching outlines first.

Q25. The Lodha community, recently in the news regarding state welfare schemes and tribal rights, is classified as a Particularly Vulnerable Tribal Group (PVTG) primarily native to which state?

- [A] Kerala
- [B] Odisha
- [C] Rajasthan
- [D] Arunachal Pradesh

Correct Answer: [B] Odisha

Detailed Explanation:

The **Lodhas** are a recognized **Particularly Vulnerable Tribal Group (PVTG)** inhabiting parts of **Odisha** and adjoining patches of West Bengal. Historically, the community suffered massive systemic marginalization after being wrongfully labeled under the colonial-era *Criminal Tribes Act of 1871*. Modern administrative updates in June 2026 focus heavily on wiping out these historical biases by integrating them into sustainable forest livelihood programs.

Part 8: Important Days & Anniversaries

Q26. World Environment Day is celebrated annually on June 5th. What were the specific "Three Pillars of India's Green Transformation" highlighted by the government between 2014 and 2026?

- [A] Affordable Solar, Electric Vehicles, Nuclear Upgrades
- [B] Increasing Ecological Capability; Expanding National Capacity; Strengthening Credibility via Leadership & Diplomacy
- [C] Ban on Plastics, Ground Water Tax, Himalayan Clean-up
- [D] Organic Farming, Carbon Tax, Smart Cities Network

Correct Answer: [B] Increasing Ecological Capability; Expanding National Capacity; Strengthening Credibility via Leadership & Diplomacy

Detailed Explanation:

During the World Environment Day celebrations on June 5, 2026, the Indian government presented a comprehensive performance report charting environmental successes from 2014 to 2026 built rigidly upon **Three Core Strategic Pillars:**

1. **Pillar 1:** Increasing Ecological Capability and Biodiversity for a Resilient India (e.g., hitting 100 Ramsar sites).
2. **Pillar 2:** Expanding National Capacity for Sustainable Transformation (e.g., implementing strict Extended Producer Responsibility (EPR) on e-waste and batteries).
3. **Pillar 3:** Strengthening Credibility through global Leadership and Diplomacy (e.g., pioneering the International Solar Alliance and Global Biofuels Alliance).

Q27. June 6 is globally observed as which important international day under the United Nations to recognize the preservation of cultural and natural landscapes?

- [A] World Oceans Day
- [B] International Day for Biological Diversity
- [C] World Caves and Karst Day
- [D] UN Russian Language Day

Correct Answer: [D] UN Russian Language Day

Detailed Explanation:

June 6 is celebrated globally as **UN Russian Language Day**. Established by UNESCO in 2010, the day coincides exactly with the **birth anniversary of Aleksandr Pushkin**, a legendary Russian poet who is widely considered the father of modern Russian literature. The UN observes this day to promote multilingualism, cultural diversity, and the equal use of all six official working languages across its global organs.

Q28. June 5, 2026 marked the 54th anniversary of the historic Stockholm Conference. In which year was this cornerstone United Nations Conference on the Human Environment held?

- [A] 1972
- [B] 1982
- [C] 1992
- [D] 2002

Correct Answer: [A] 1972

Detailed Explanation:

The historic **United Nations Conference on the Human Environment** was convened in **Stockholm, Sweden, from June 5 to June 16, 1972**. It was the UN's first major world conference focused explicitly on international environmental politics and directly birthed the

United Nations Environment Programme (UNEP). June 5th was declared World Environment Day to commemorate this event. Thus, June 5, 2026 marks exactly 54 years since the Stockholm declaration.

Part 9: Miscellaneous & Geography-Linked Affairs

Q29. Dr. Jitendra Singh recently inaugurated India's 7th Regional Meteorological Centre (RMC). In which city is this new specialized weather forecasting center located?

- [A] Dehradun
- [B] Jammu
- [C] Gangtok
- [D] Leh

Correct Answer: [B] Jammu

Detailed Explanation:

Union Minister for Science & Technology and Earth Sciences, Dr. Jitendra Singh, inaugurated India's 7th Regional Meteorological Centre (RMC) in Jammu. This critical center will provide highly specialized, micro-level, and automated weather forecasting alongside disaster early-warning networks for three critical regions: Jammu & Kashmir, Ladakh, and Himachal Pradesh. The center will issue targeted district-level agricultural forecasts, mountain weather advisories for defense forces, tourist warnings, and real-time flash flood, cloudburst, landslide, and avalanche alerts.

Q30. A mature tropical cyclone in the western North Pacific Ocean with winds exceeding 119 km/h is scientifically classified as a:

- [A] Hurricane
- [B] Tornado
- [C] Typhoon

[D] Willy-Willy

Correct Answer: [C] Typhoon

Detailed Explanation:

As noted in recent physical geography updates following extreme Pacific weather patterns in June 2026, the naming convention of a tropical storm is purely dependent on its geographical location. A mature tropical cyclone with winds over 119 km/h forming in the **Western North Pacific Ocean** is called a **Typhoon**. If it forms in the North Atlantic or Eastern Pacific, it is a *Hurricane*; in the Indian Ocean or South Pacific, it is simply a *Cyclone*; and near Australia, it is historically called a *Willy-Willy*. They are powered by the latent heat of vaporization over warm waters (minimum 26.5°C) and rotated by the Coriolis force.