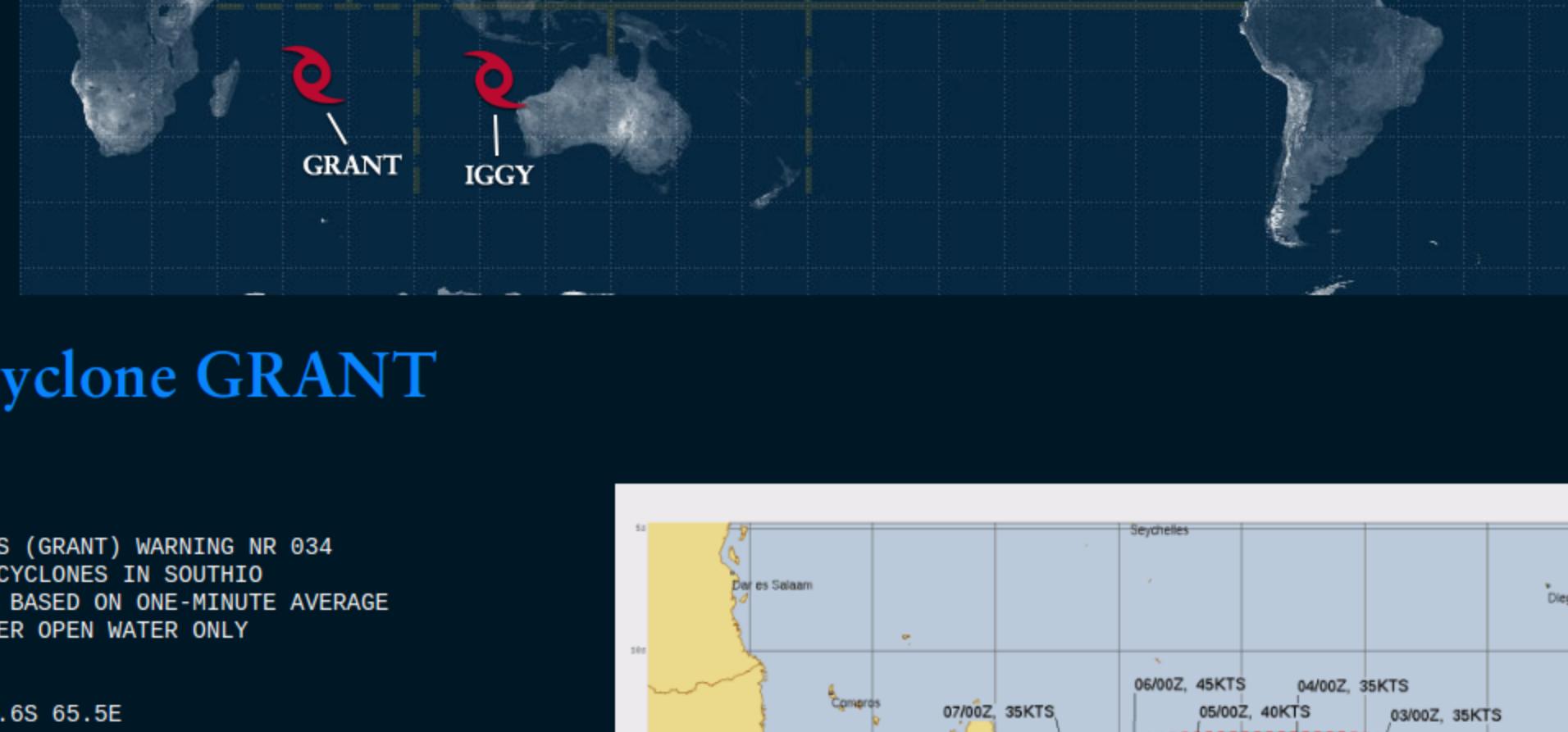


HurricaneZone

Tracking Tropical Cyclones Around the World



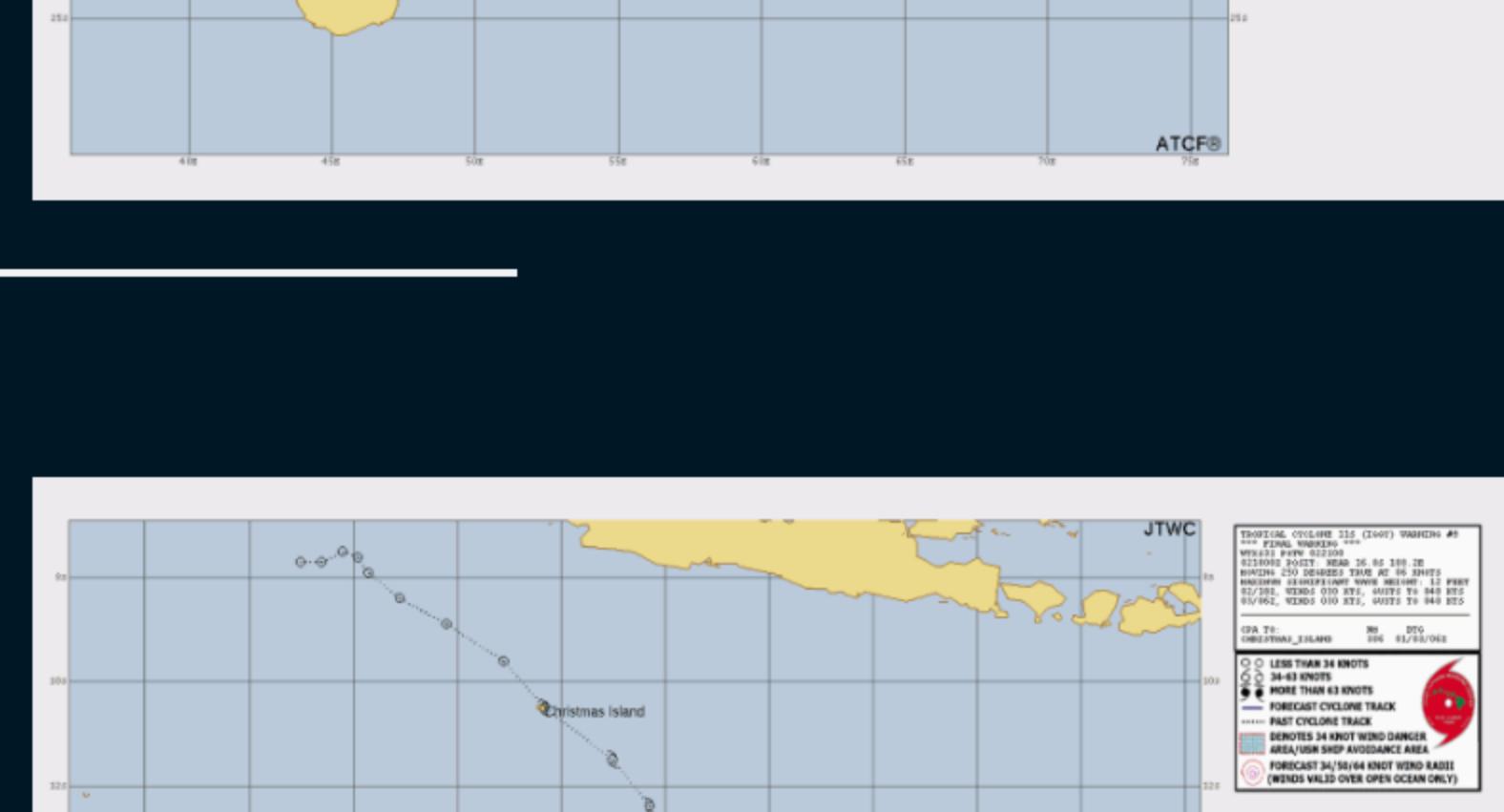
POSITION BASED ON CENTER LOCATED BY SATELLITE
PRESENT WIND DISTRIBUTION:
MAX SUSTAINED WINDS - 035 KT, GUSTS 045 KT
WIND RADII VALID OVER OPEN WATER ONLY

REPEAT POSIT: 14.6S 65.5E

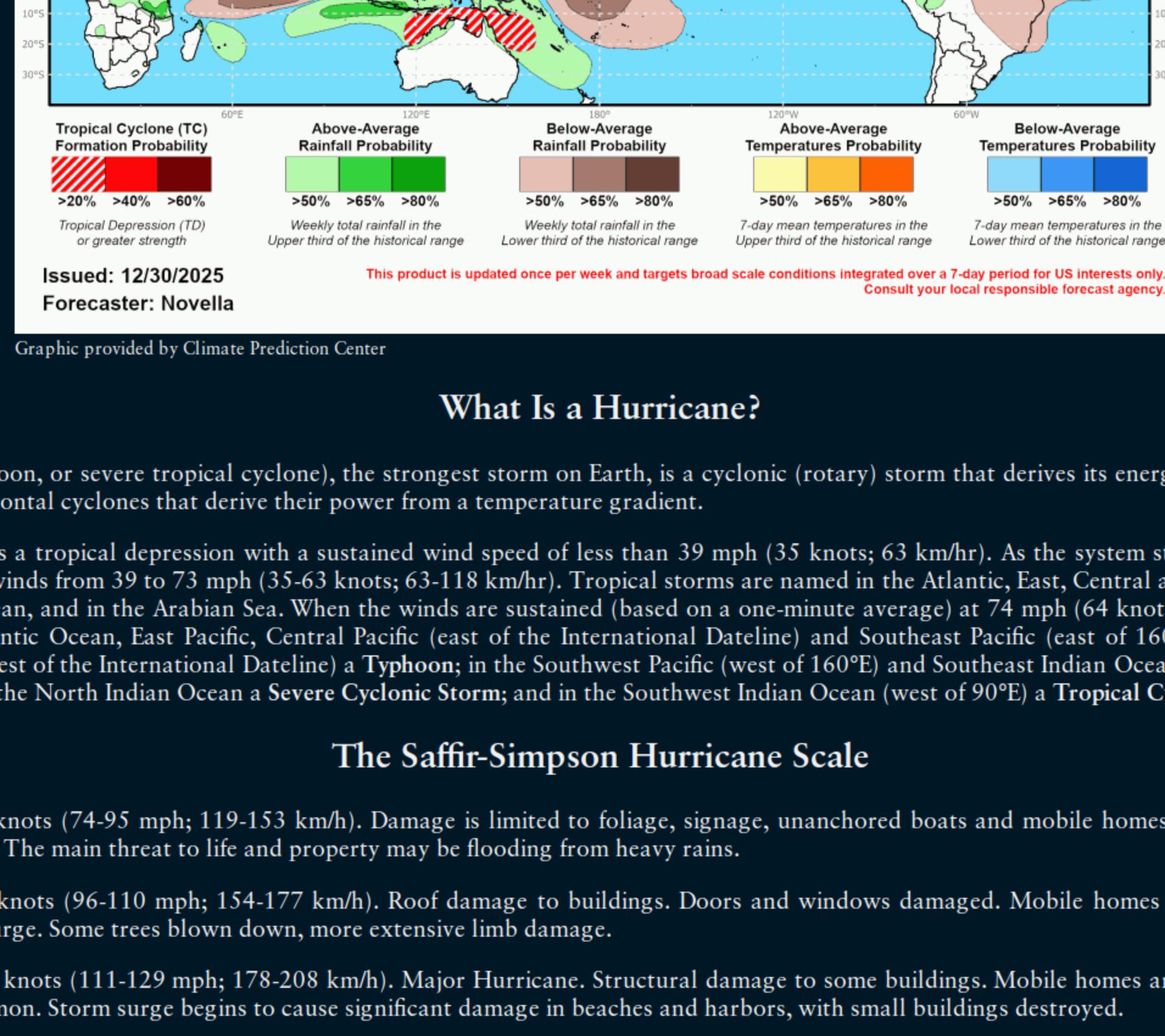
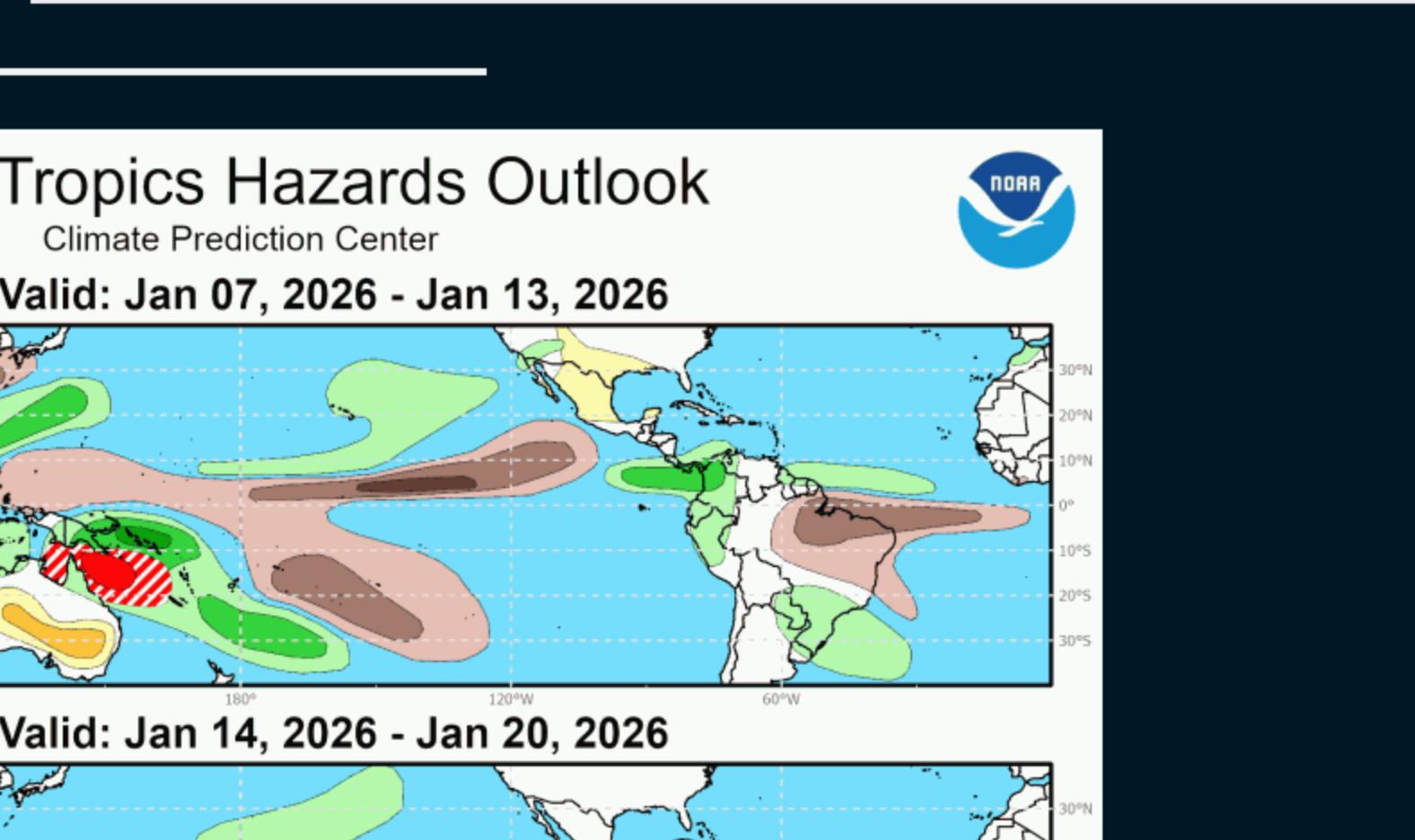
Tropical Cyclone IGGY

02 ACTIVE TROPICAL CYCLONE
MAX SUSTAINED WINDS BASED
WIND RADII VALID OVER OPI

WARNING POSITION:
021800Z --- NEAR 16.8S 10
MOVEMENT PAST SIX HOURS
POSITION ACCURATE TO W



1



Structural failure of some buildings permanent changes to the coastal

Category 5 – 137+ knots (157+ mph; 252+ km/h). Complete roof failure on most buildings. Many buildings destroyed, or structurally damaged beyond repair. Catastrophic storm surge damage. In the Northwest Pacific, a typhoon that reaches 150 mph (241 km/hr) is called a Super Typhoon.

SAFFIR-SIMPSON SCALE				
Category	Knots	MPH	KM/H	Damage
1	64-82	74-95	119-153	Minimal
2	83-95	96-110	154-177	Moderate
3	96-110	111-130	173-195	Extensive
4	111-130	131-155	209-249	Devastating
5	131-155	156-177	250-285	Catastrophic

3	96-112	111-129	178-208	Extensive
4	113-136	130-156	209-251	Extreme
Super Typhoon	130+	150+	241+	Catastrophic

is the primary killer in hurricanes. The exact storm surge in any given area will be determined by the depth of water environments, such as the Hawaiian islands, storm surge will be enhanced by the rapidly decreasing depth of water near the coast. The peak storm surge is on the right-front quadrant (left-front in the Southern Hemisphere) and the storm surge will decrease as the eye of the storm passes over an area.

severity of the storm.

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