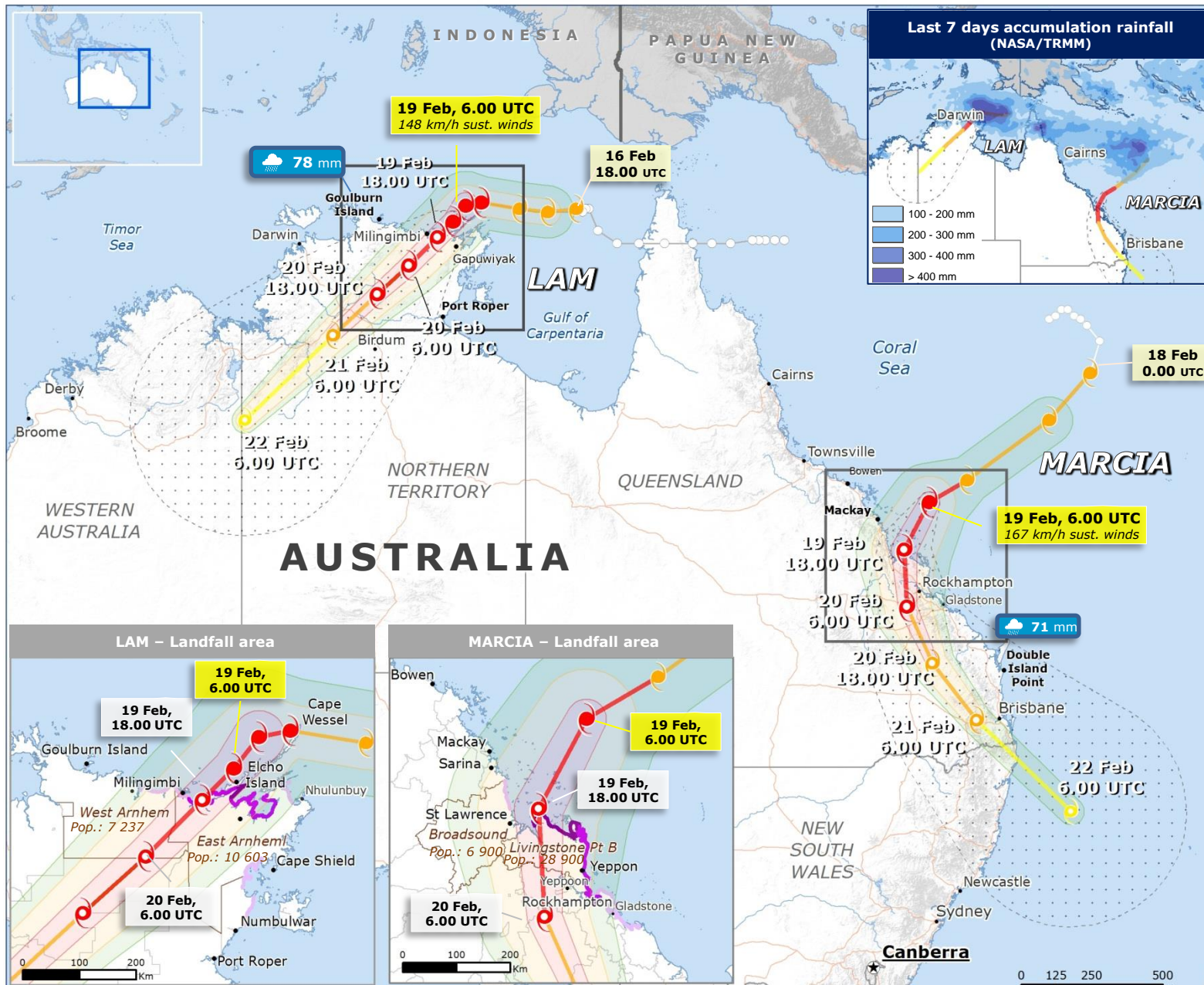


19 February 2015: Australia – Tropical Cyclones



SITUATION

TROPICAL CYCLONE LAM

- LAM is moving southwest, as a Severe Tropical Cyclone, passing very close to the Elcho island. On 19 February at 6.00 UTC its center was located approx. 10 km west of this island and it had max. sustained winds of 148 km/h.
- In the next 24h, it is forecast to move over the coast between Milingimbi and Gapuwiyak in the evening of 19 February, then move inland over Arnhem Land, weakening.
- As of 19 February, 12.00 UTC (Australian Bureau of Meteorology, BOM), the Tropical Cyclone Warning Zone is from Goulburn Island to Port Roper, including adjacent inland areas to Bulman. Strong winds, heavy rains and storm surge may affect these areas on 19-20 February.

TROPICAL CYCLONE MARCIA

- MARCIA (previously THIRTEEN) is moving south-southwest, towards the coasts of eastern Queensland, intensifying.
- On 19 February at 6.00 UTC its center was located approx. 110 km east of Mackay and it had max. sustained winds of 167 km/h.
- It is forecast to reach the area between St. Lawrence and Gladstone in the evening of 19 February, then turn south-southeast, towards Brisbane, moving over land and weakening.
- As of 19 February 12.00 UTC (BOM), the Tropical Cyclone Warning Zone is from Mackay to Double Island Point, and nearby inland areas. Heavy rains, very strong winds and storm surge may affect these areas on 19-20 February.

Sources: GDACS (1, 2), JTWC, BOM, Australian Bureau of Statistics, Media

TROPICAL CYCLONE (max. sustained winds)		XX mm	24h acc. rain observed over 18-19 Feb (WMO)
Yellow circle	≤ 62 km/h	Light blue box	Area of track uncertainty
Orange circle	63 – 118 km/h	Blue box	Major rivers
Red circle	≥ 119 km/h	Light blue line	Major roads
WIND BUFFER		Storm Surge JRC calculations	
Light green box	64 km/h	Green box	2.0 – 3.0 m
Yellow box	92 km/h	Orange box	1.0 – 2.0 m
Red box	120 km/h	Purple box	0.5 – 1.0 m
White circle	Low Pressure Area		