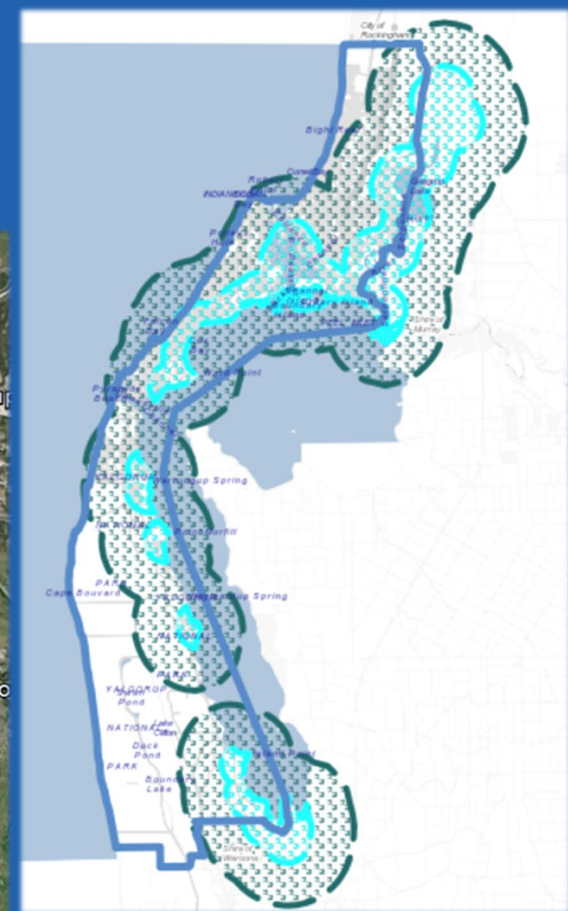
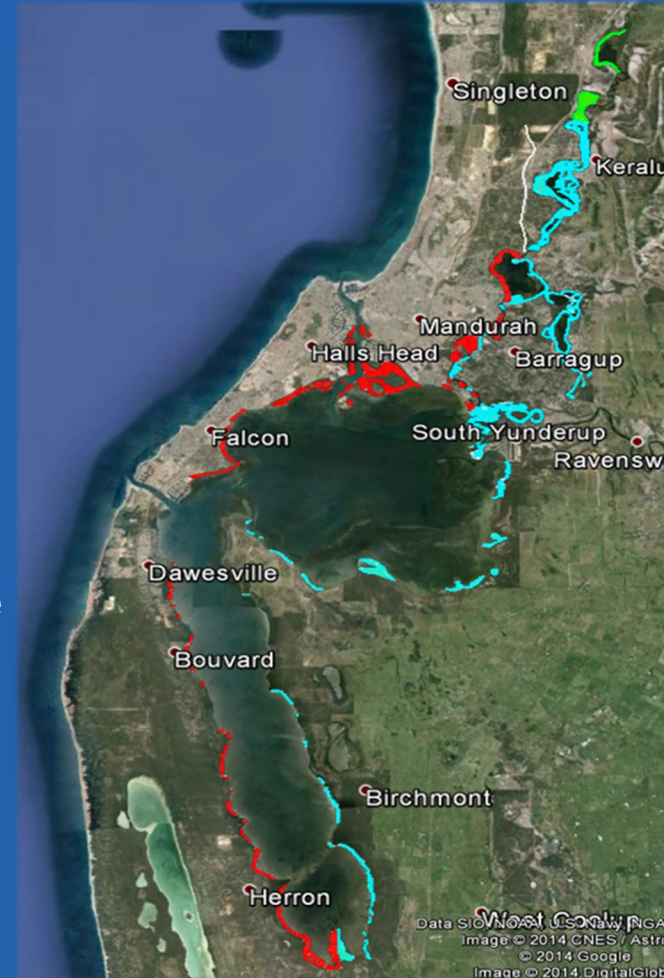


Peel Mosquito Management Group

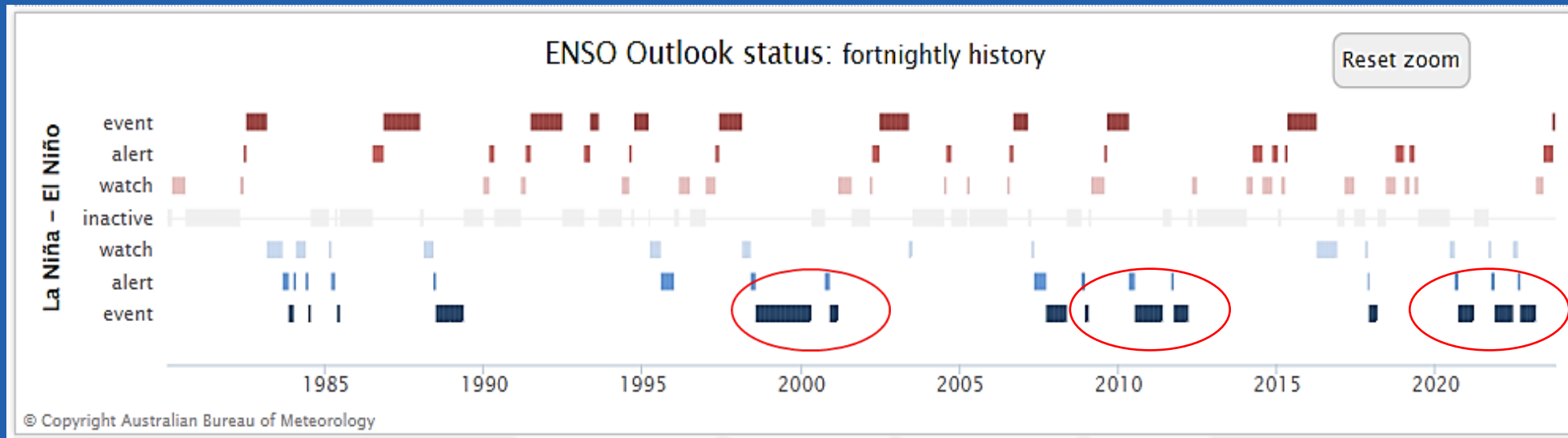
- Est 1991 in response to RRV outbreak in 1988/89
- Largest and most active program in WA
 - City of Mandurah
 - Shire of Murray
 - City of Rockingham
 - Shire of Waroona
- Local Governments - Labour, equipment, 50% larvicide
- Dept of Health WA - Helicopter cost + 50% larvicide resources, training



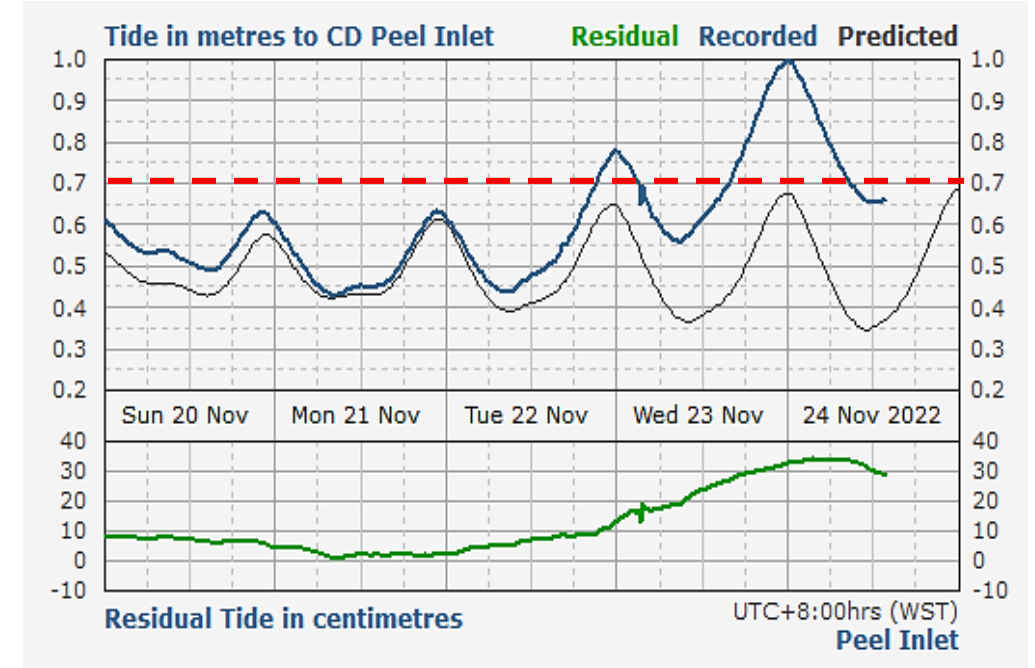
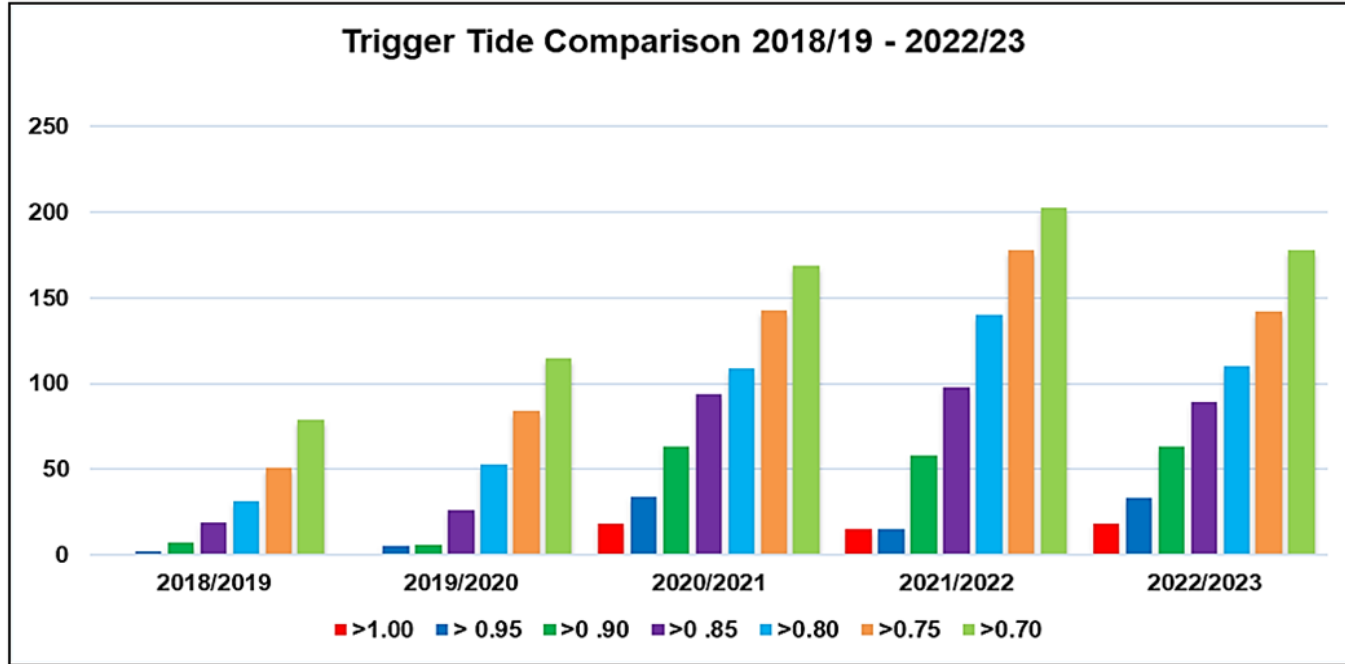
2022/23 Climate & Weather

- 3rd Consecutive La Niña

- Unstable weather patterns
- Intensified, unpredictable and prolonged tidal inundation
- Beneficial for intense mosquito breeding
- Potential rise in human cases of RRV/BFV



2022/23 Water Level Observations



Prior to high tide / Storm surge



Inundation from high tide / Storm surge



High tide / Storm surge recedes



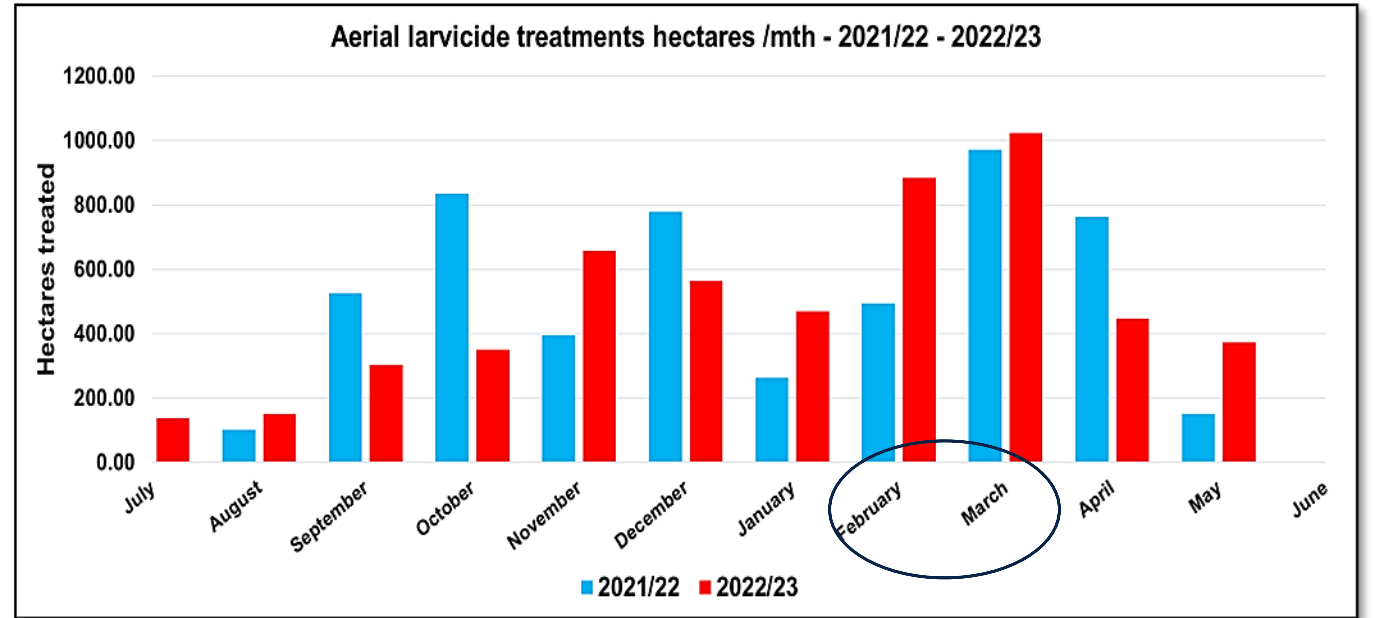
Tides stabilise, pooling occurs



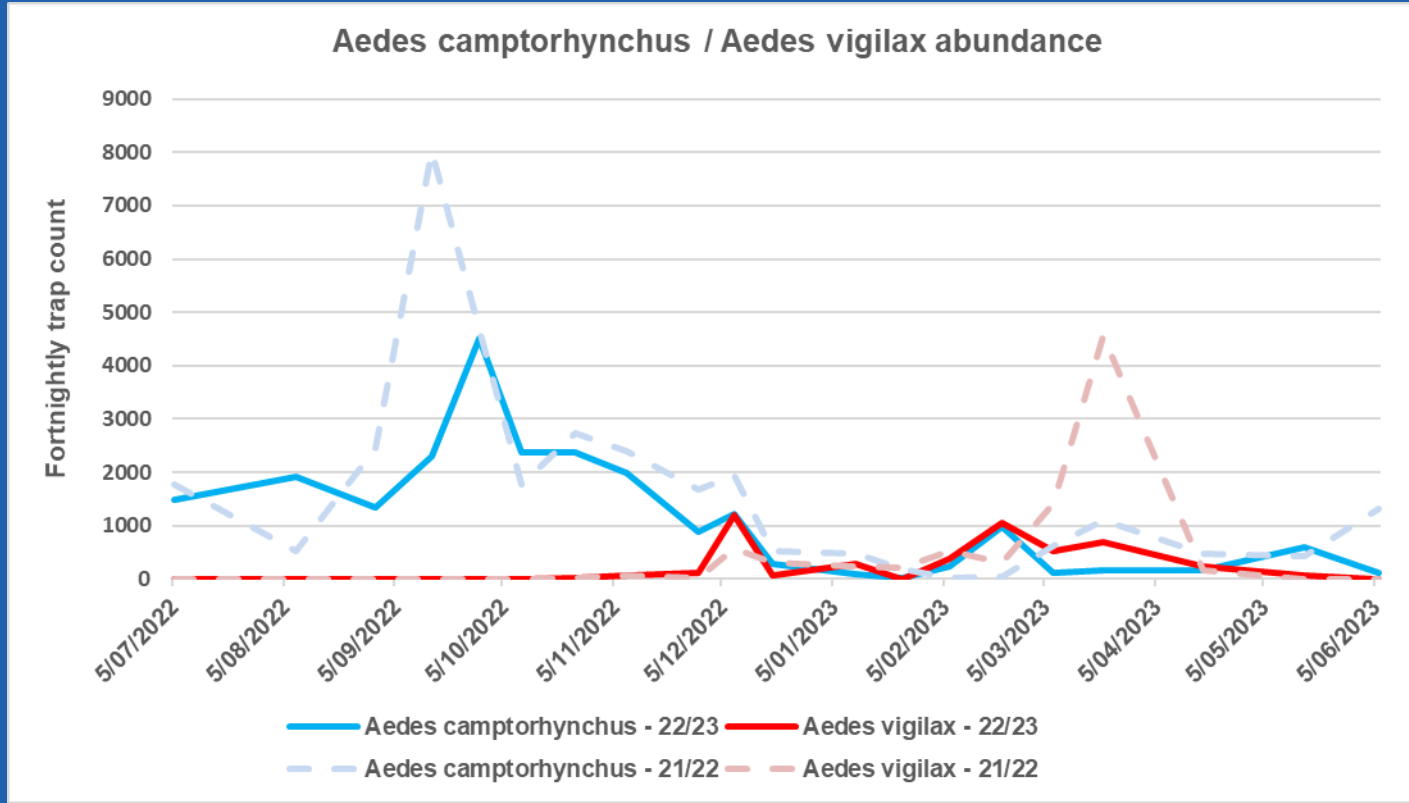


2022/23 Aerial Larviciding

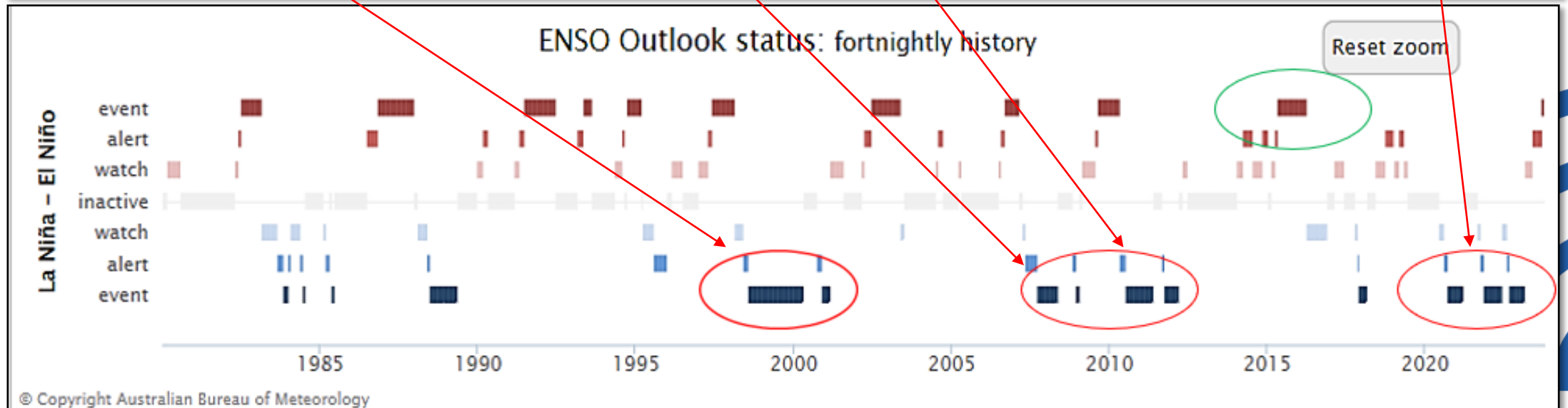
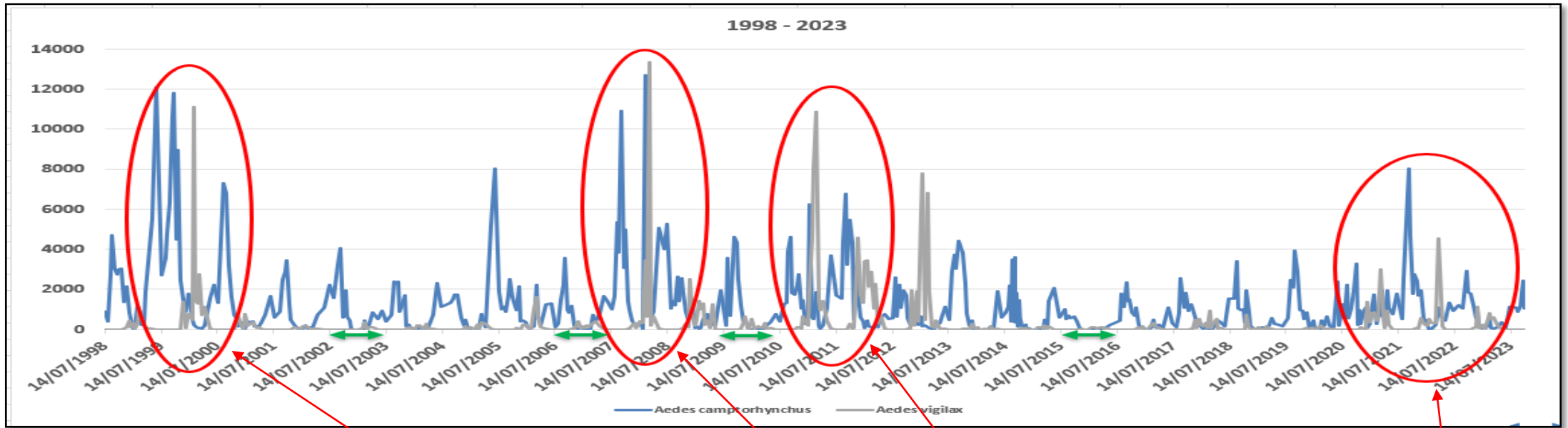
- 22 aerial larvicide treatments
- 5,362.4 hectares



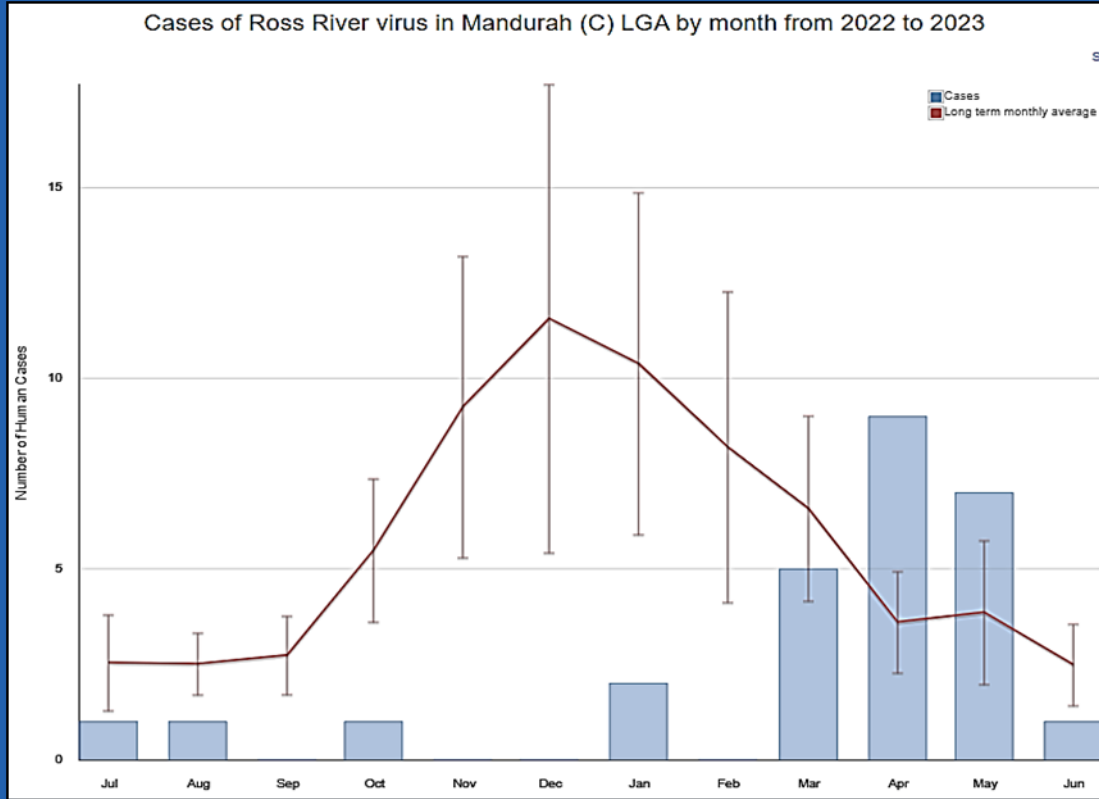
2022/23 Mosquito Surveillance



Long term mosquito abundance



2022/23 Mosquito-borne disease



City of Mandurah		
Mosquito-borne Disease	No. Notified Cases 2022/23 (2021/22)	Long Term Average
RRv	27 (42)	63
BFv	7 (0)	9



2022/23 Community Engagement



 **City of Mandurah** 
29 Nov 2022 · 
Mozzie treatment - IN PROGRESS today & tomorrow 🕒📍✔️... See more



 157

41 comments • 22 shares

- 3 Community Events
- 4 E- newsletters
- 14 Social media posts
- Local radio messaging
- WA Dept of Health Fight The Bite campaign
- Customer contact - complaints / enquiries
- Website



2023/24 Season

- El Niño event
- Positive Indian Ocean Dipole
- Dryer and Warmer

- 29 Aug 2023 Ross River Virus Warning for the Southwest
- Mandurah RRv – 3 (3) / BFv – 1 (3)
- Peel RRv – 9 (5) / BFv – 1 (3)
- Community engagement underway
- 6 aerial treatments – 1,359.1 ha

