

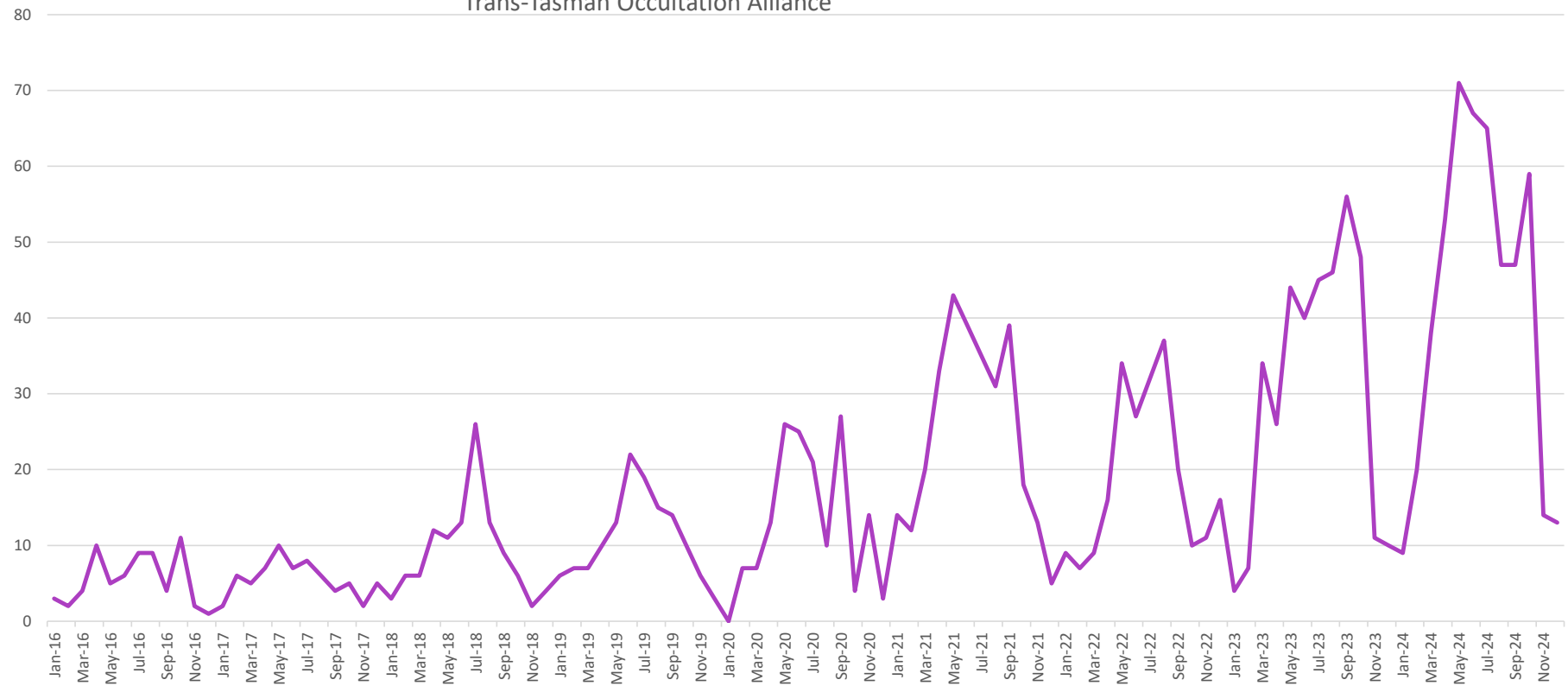
The background is a dark blue gradient with a subtle pattern of white dots. Overlaid on this are several faint, light blue circular and semi-circular lines. Some of these lines have small arrows indicating a clockwise direction. A prominent circular scale is visible on the left side, with numerical markings ranging from 140 to 260 in increments of 10. The title text is centered in the middle of the image.

# SUMMARY OF TTOA FOR 2024

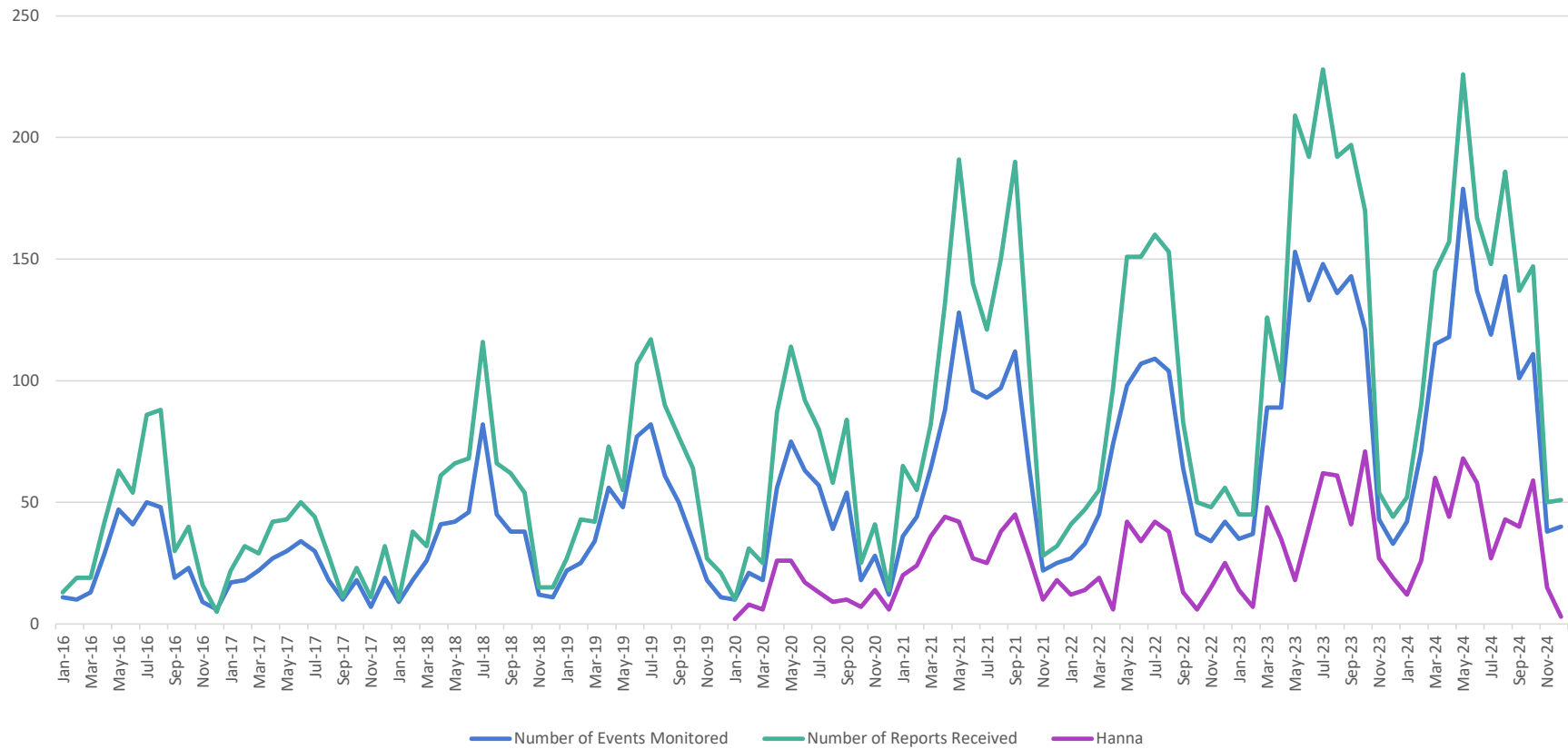
OBSERVING STATISTICS FROM AUSTRALIA AND NEW ZEALAND FOR 2024

Year	Number of Observers/ Reporters	Reports	Positive Events	Positive Chords Observed
2008	26	280	47	66
2009	29	320	46	75
2010	29	343	50	74
2011	28	289	51	70
2012	34	383	51	77
2013	45	532	56	89
2014	35	542	58	76
2015	29	384*	45	75
2016	27	475	66	88
2017	21	367	67	97
2018	31	603	114	170
2019	21	743	132	180
2020	21	661	157	223
2021	21	1293	302	369
2022	21	1092	228	283
2023	21	1602	364	479
2024	26	1556	503	640

Monthly Totals of Positive Planetary Occultations Reported to  
Trans-Tasman Occultation Alliance



## Observer Effort



# BUSY PEOPLE IN 2024

Observer	Total Reports	Total Positive Chords
Bill Hanna	455	188
Dave Gault	191	67
Peter Nosworthy	183	57
Dave Herald	174	91
Michael Camilleri	119	48
John Newman	99	30
Ash Pennell	64	20
Ron Paine	62	11
Steve Kerr	59	26
John Broughton	48	41
Peter Shottle	25	13
Richard Brown	13	6

# REPORTING PROCESSES

- Send reports to [mpobservations@occultations.org.nz](mailto:mpobservations@occultations.org.nz) ... I am the only recipient of that email address at the moment.
- For a 'Miss' report – send the MS Excel report form only. Other files *MAY* be of interest if there are other positive chords involved.
- For a 'Positive' report – as a minimum, send the MS Excel, the .lc file from Tangra and a graphic of the light curve. The graphic ends up linked to the TTOA website results page. Everything else gets filed into a 'OneDrive' folder shared with Dave Gault. A formal Light Curve report using the APTA/Occult form would be appreciated ... saves Dave from doing it later.
- Very welcome to add some narrative in the email to give some context to the observation. I often select this and add it to the next stage as a text file.
- Periodically (typically every couple of weeks), Dave Gault processes observations to produce the record that is then included in the Occult archive.
- Dave Herald manages that archive across all regions of the world.

# MEMBERSHIP MATTERS

- Financial membership doesn't mean so much when we no longer post out bits of paper. Nothing is kept separate for people who contribute.
- Instead, people are encouraged to make a contribution to support TTOA's activities
  - Costs are primarily support for JOA and website.
- We need an NZ based Treasurer – TTOA's bank account is with BNZ and they struggle with a foreigner as an account transactor.

# TTOA WEBSITE

- Rebuild has sort of commenced (paused for TTSO) to be a Wordpress site.
- Intending to maintain the old site with historical observation data etc. but build new site from here on ...
- Only limited material will move to the new site
  - Blog pages on front/home page ... intended to be a place to highlight interesting results and news with a bit more analysis than the current results page.
  - Observation results
  - “How to” pages and an expansion to include embedded video
- Challenges I could use some help with ...
  - Complex table structure in Wordpress for results
  - How to present predictions – (in my opinion) there is no straightforward way for a genuinely casual observer to access predictions for asteroidal occultations anymore. The solution doesn't have to be on our website.

# TTSO20

- On the current pattern, this will be in conjunction with NACAA around the Easter weekend in 2026 (April 3-6) at Tamworth, New South Wales, AU.
- It can be a struggle to gather material each year – please consider what you can offer. Remote presentation is fine if you are not sure/won't be travelling to Tamworth.
- A coordinator for TTSO20 would be great to organise the program and liaise with NACAA.

The background is a gradient from dark purple at the top to deep blue at the bottom, speckled with white dots representing stars. On the left side, there are several concentric circular patterns. One large circle has a scale with numbers from 140 to 260 in increments of 10, with smaller tick marks between them. Other circles of various sizes are scattered around, some with dashed lines and arrows indicating a clockwise direction.

QUESTIONS?