2019-2020 Cyclone season review For ACCESS-S1 sub-seasonal forecasts

September 16, 2020

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Cyclone Rita

Cyclone Sarai

Cyclone Tino

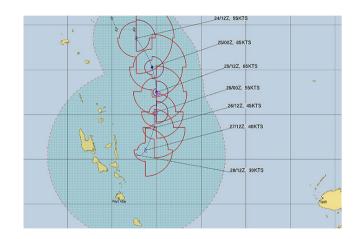
Cyclone Uesi

Cyclones Vicky and Wasi

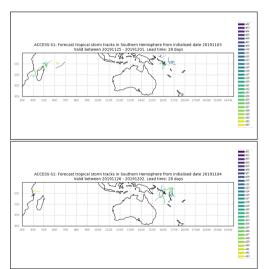
Cyclone Gretel

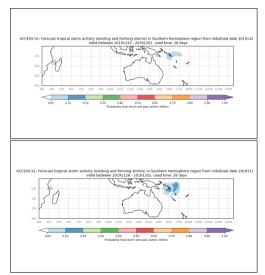
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Active from November 23-26 2019

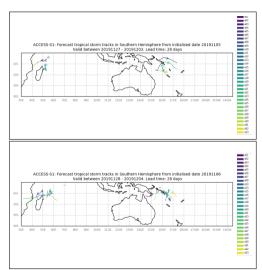


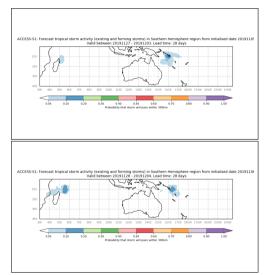
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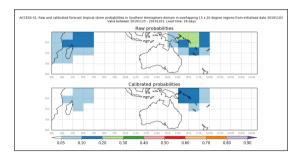


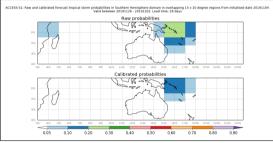
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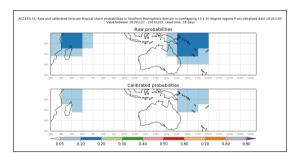


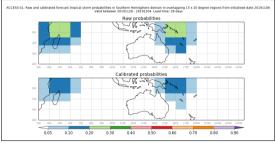
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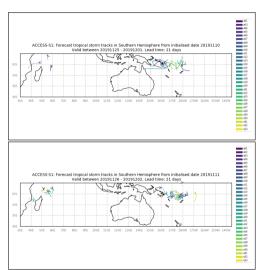


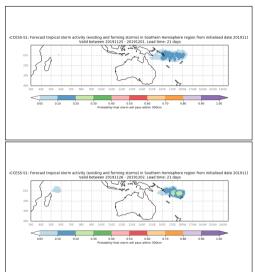
Week 4 calibrated forecasts - Issued Nov 5-6. Valid Nov 27-Dec 3, Nov 28-Dec 4



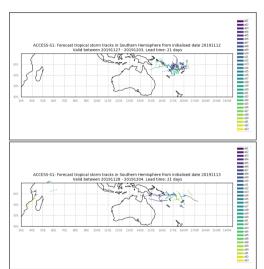


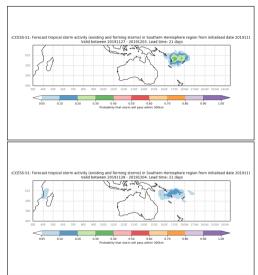
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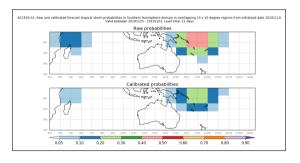


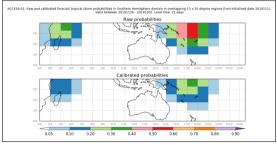
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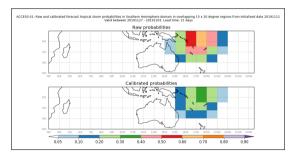


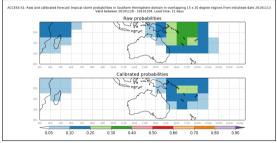
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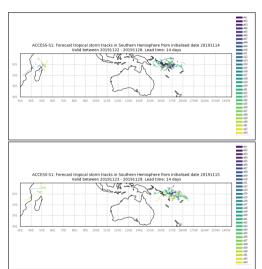


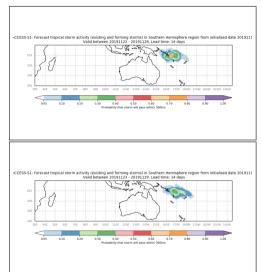
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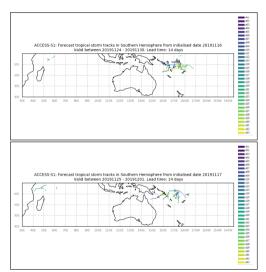


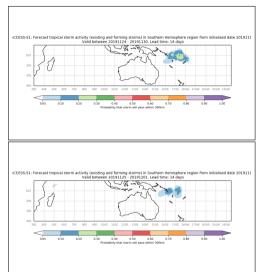
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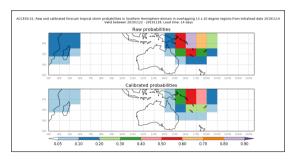


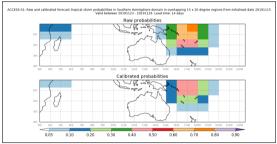
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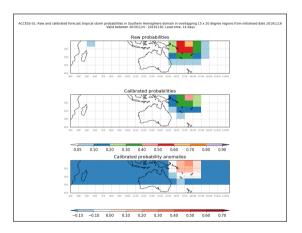


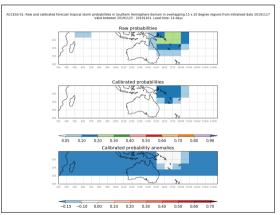
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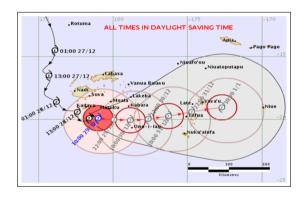


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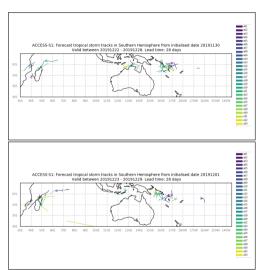


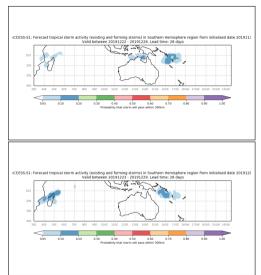
Active from December 26-31 2019



Data availability was limited in early December.

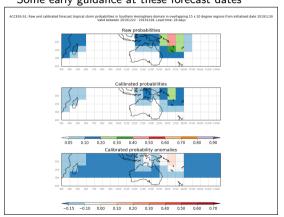
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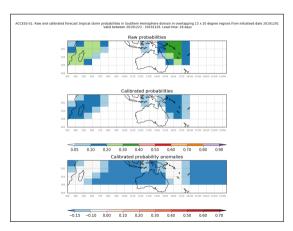




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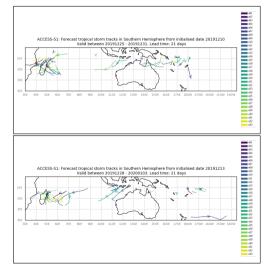
Some early guidance at these forecast dates

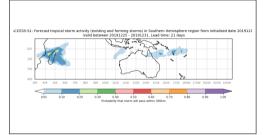


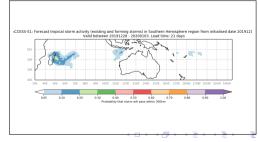


Week 3 forecasts - Issued Dec 10, Dec 13. Valid Dec 25-31, Dec 28-Jan 3

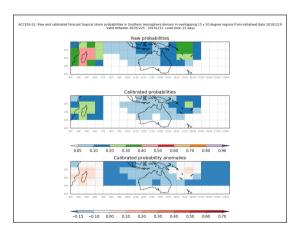
ACCESS-S1 missed the storm formation at these issue dates.

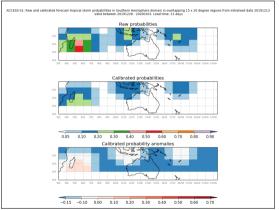






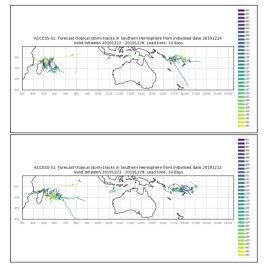
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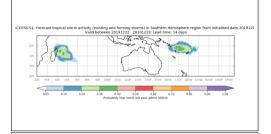


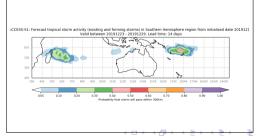


Week 2 forecasts - Issued Dec 14-15. Valid Dec 22-28, Dec 23-29

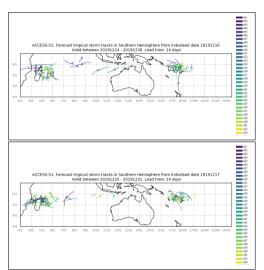
Model became more confident for the week two forecasts.

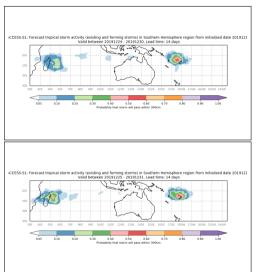




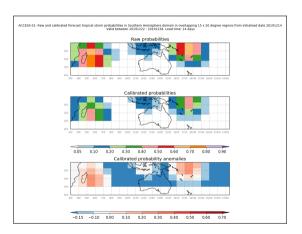


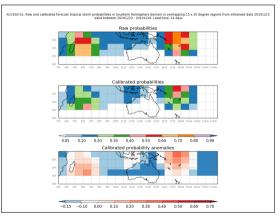
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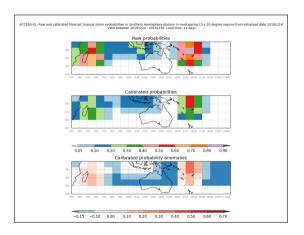


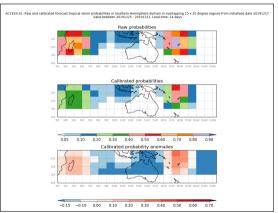
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Week 2 calibrated forecasts - Issued Dec 16-17. Valid Dec 24-30, Dec 25-31



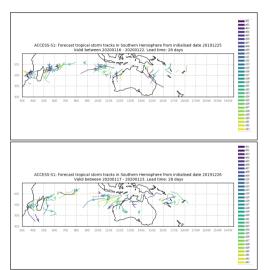


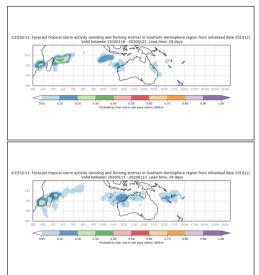
Active from January 16-18 2020



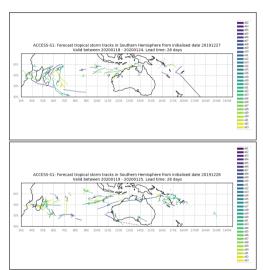
Data availability was limited over the New Year Period.

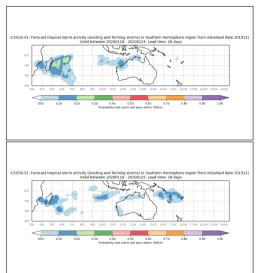
Week 4 forecasts - Issued Dec 25-26. Valid Jan 16-22, Jan 17-23



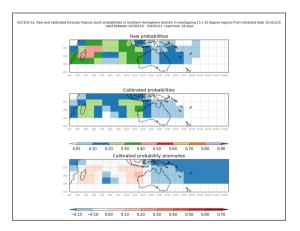


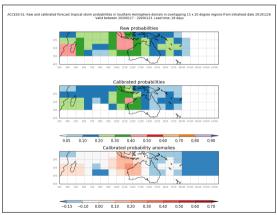
Week 4 forecasts - Issued Dec 27-28. Valid Jan 18-24, Jan 19-25



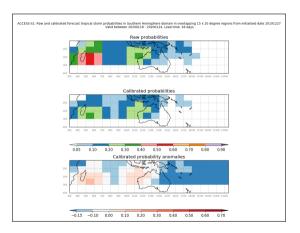


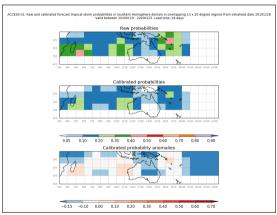
Week 4 calibrated forecasts - Issued Dec 25-26. Valid Jan 16-22, Jan 17-23



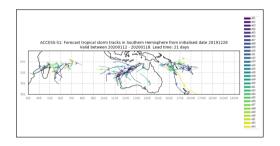


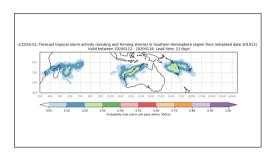
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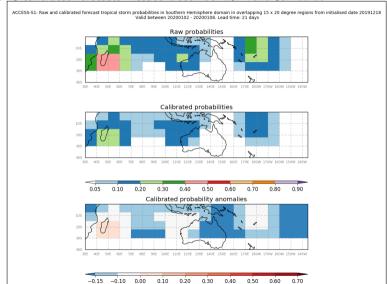


Week 3 forecasts - Issued December 28, Valid Jan 11-17



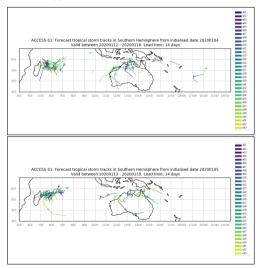


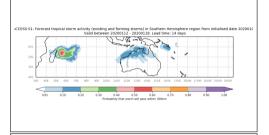
Week 3 calibrated forecasts - Issued December 28. Valid Jan 11-17

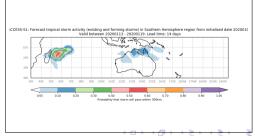


Week 2 forecasts - Issued Jan 4-5. Valid Jan 12-18, 13-19

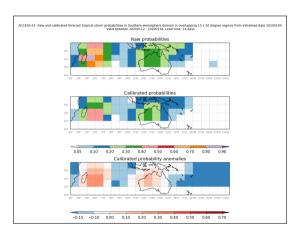
ACCESS-S1 missed the storm formation at these issue dates.

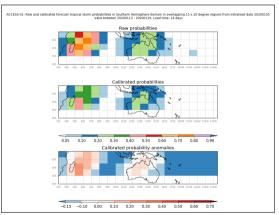






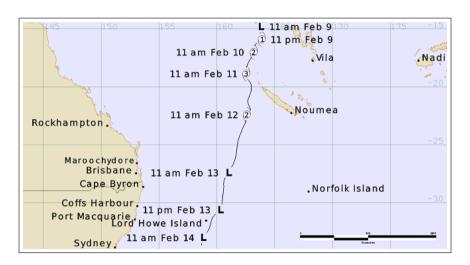
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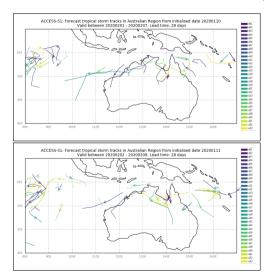
Cyclone Uesi

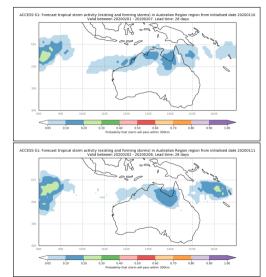
Active from February 9-12 2020



Cyclone Uesi

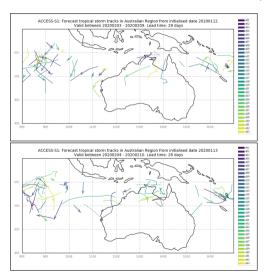
Week 4 forecasts - Issued Jan 10-11. Valid Feb 1-7, Feb 2-8

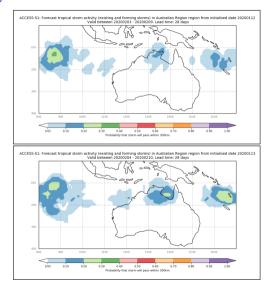




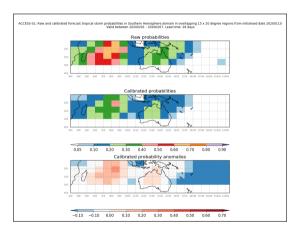
Cyclone Uesi

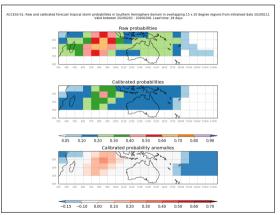
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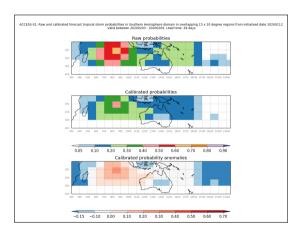


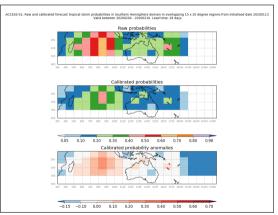
Week 4 calibrated forecasts - Issued Jan 10-11. Valid Feb 1-7, Feb 2-8



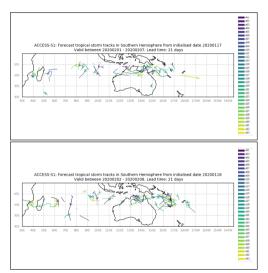


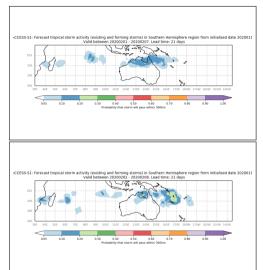
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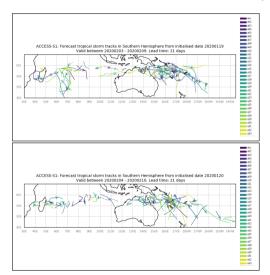


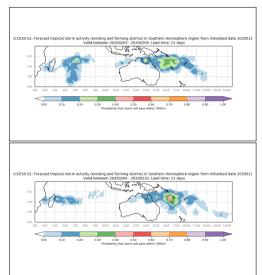
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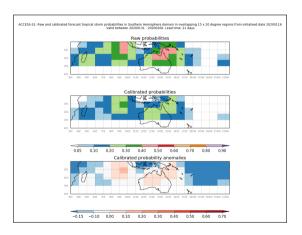


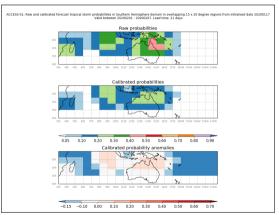
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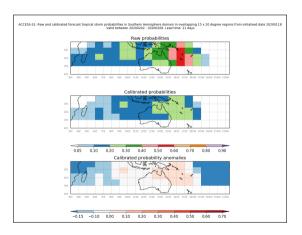


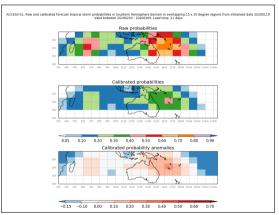
Week 3 calibrated forecasts - Issued Jan 17-18. Valid Feb 1-7, Feb 2-8



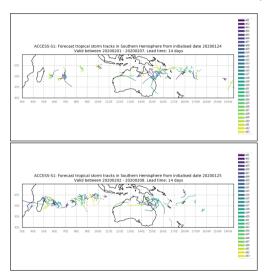


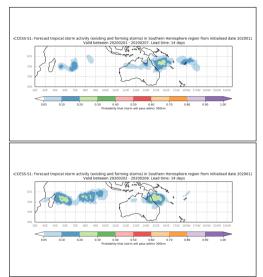
Week 3 calibrated forecasts - Issued Jan 18-19. Valid Feb 3-9, Feb 4-10



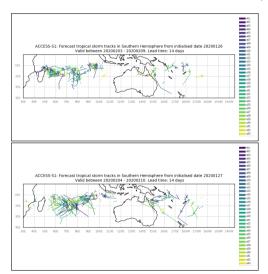


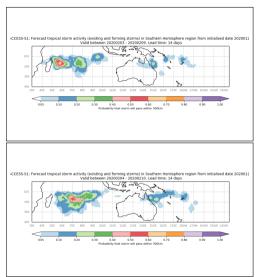
Week 2 forecasts - Issued Jan 24-25. Valid Feb 1-7, Feb 2-8





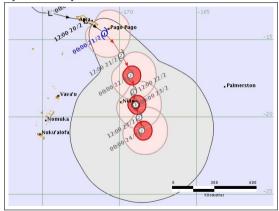
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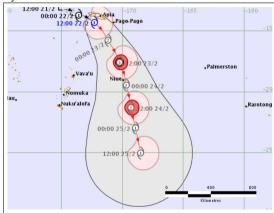


Active from February 20-23 2020

Cyclone Vicky



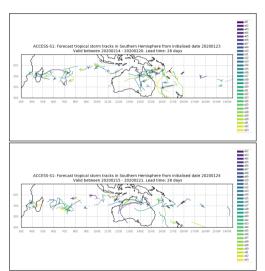
Cyclone Wasi

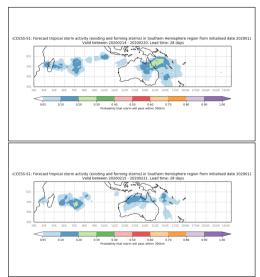


Active from February 20-23 2020

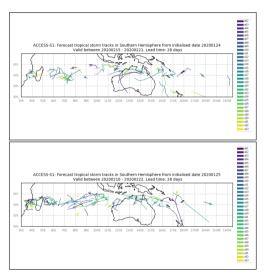
Both storms were Active on Feb 22 **JOINT TYPHOON WARNING CENTER** IMAGE TIME: 22/0300Z (PRODUCT OF JTWC/SATOPS)

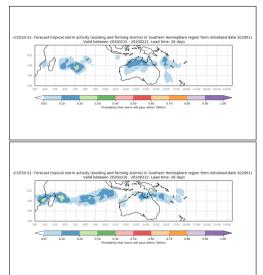
Week 4 forecasts - Issued Jan 23-24. Valid Feb 14-20, Feb 15-21



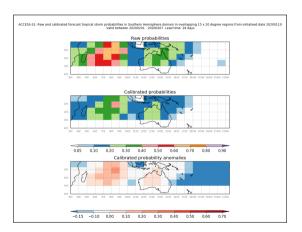


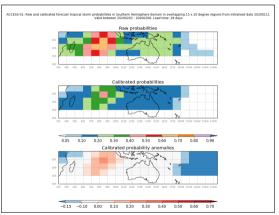
Week 4 forecasts - Issued Jan 24-25. Valid Feb 16-22, 17-23



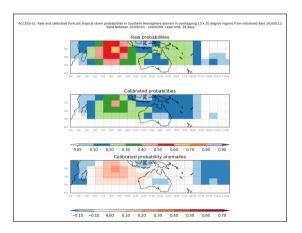


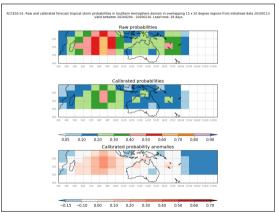
Week 4 calibrated forecasts - Issued Jan 10-11. Valid Feb 1-7, Feb 2-8



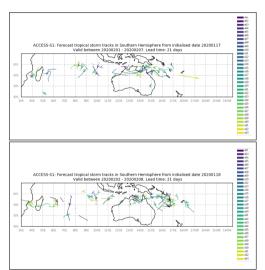


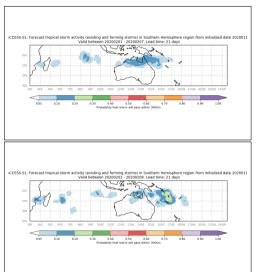
Week 4 calibrated forecasts - Issued Jan 12-13. Valid Feb 3-9, Feb 4-10



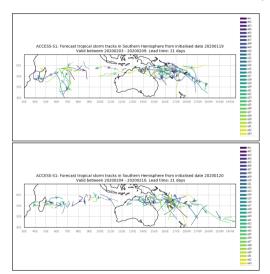


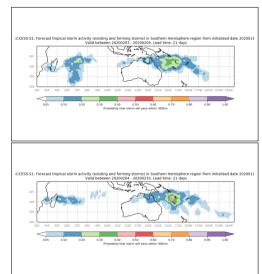
Week 3 forecasts - Issued Jan 17-18. Valid Valid Feb 1-7, Feb 2-8



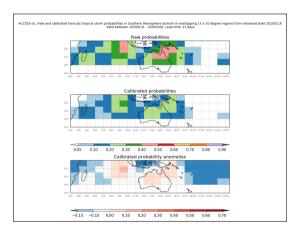


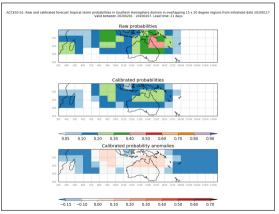
Week 3 forecasts - Issued Jan 19-20. Valid Feb 3-9, Feb 4-10



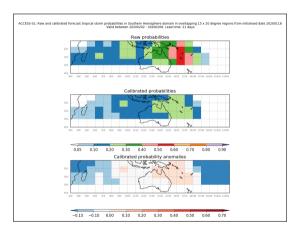


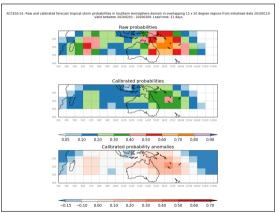
Week 3 calibrated forecasts - Issued Jan 17-18. Valid Feb 1-7, Feb 2-8



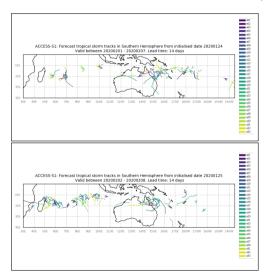


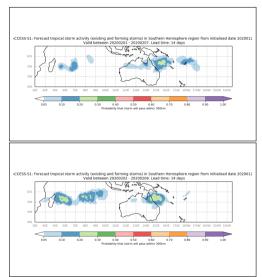
Week 3 calibrated forecasts - Issued Jan 18-19. Valid Feb 3-9, Feb 4-10



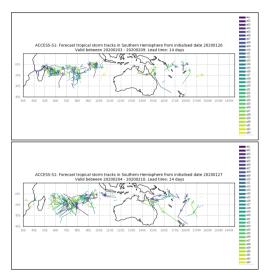


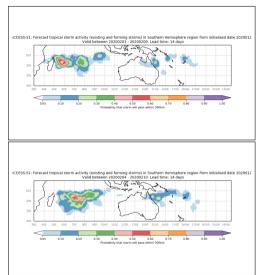
Week 2 forecasts - Issued Jan 24-25. Valid Feb 1-7, Feb 2-8



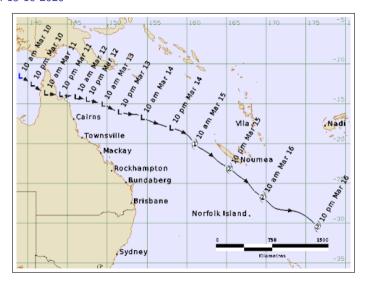


Week 2 forecasts - Issued Jan 26-27. Valid Feb 3-9, Feb 4-10

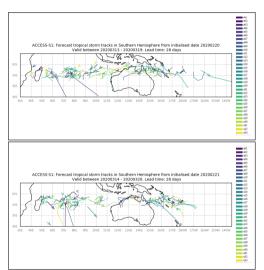


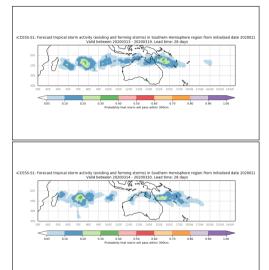


Active from March 15-16 2020

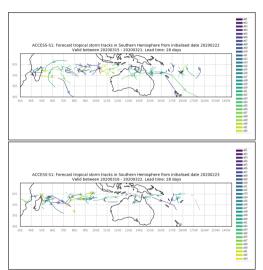


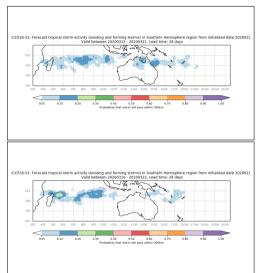
Week 4 forecasts - Issued Feb 20-21. Valid Mar 13-19, Mar 14-20



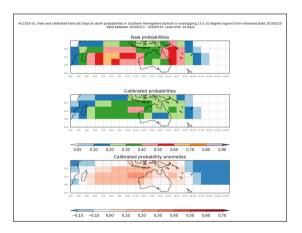


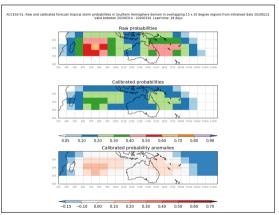
Week 4 forecasts - Issued Feb 22-23. Valid Mar 15-21, Mar 16-22



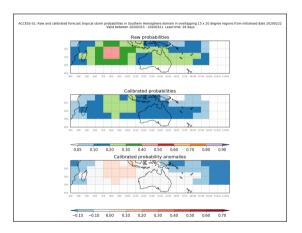


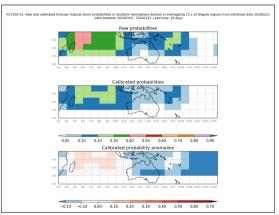
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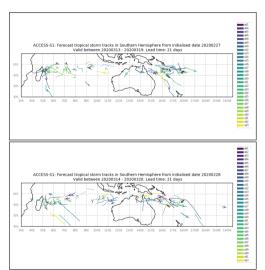


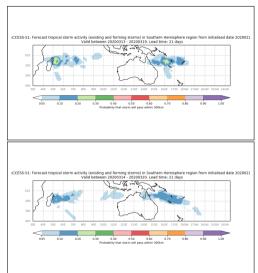
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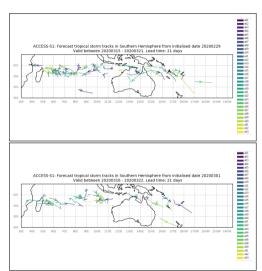


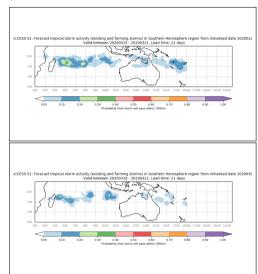
Week 3 forecasts - Issued Feb 27-28. Valid Mar 13-19, Mar 14-20



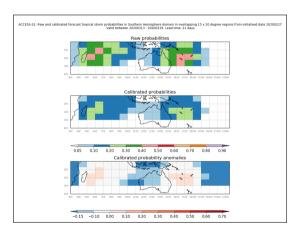


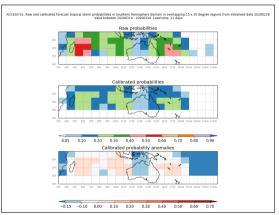
Week 3 forecasts - Issued Feb 29 - Mar 1. Valid Mar 15-21, Mar 16-22



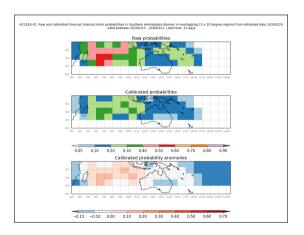


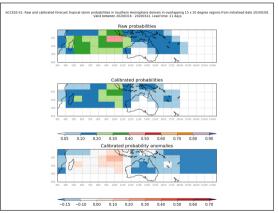
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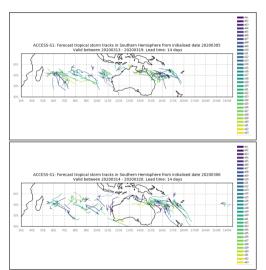


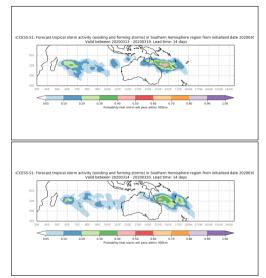
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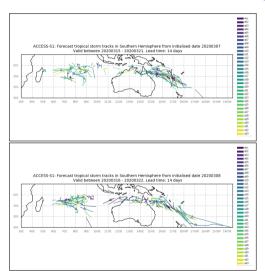


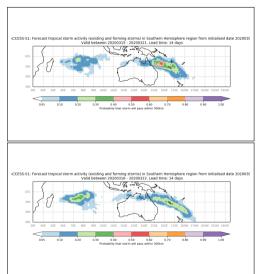
Week 2 forecasts - Issued Mar 5-6. Valid Mar 13-19, Mar 14-20



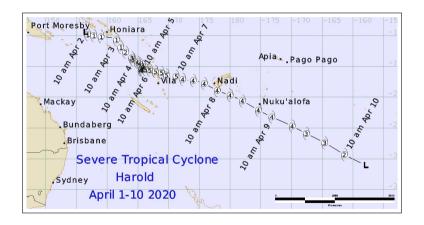


Week 2 forecasts - Issued Mar 7-8. Valid Mar 15-21, Mar 16-22

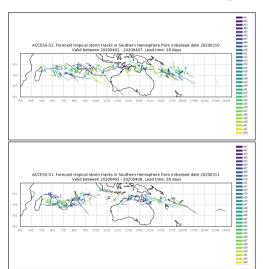


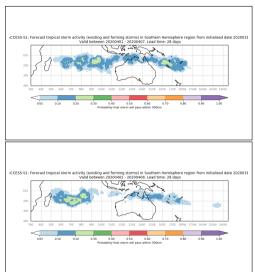


Active from April 1-10 2020

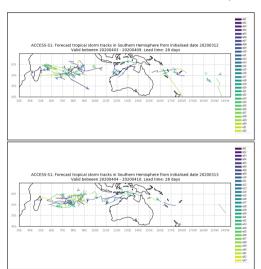


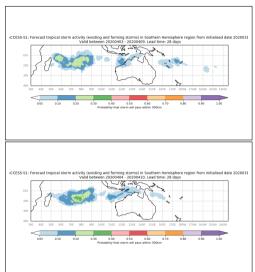
Week 4 forecasts - Issued Mar 10-11. Valid Apr 1-7, Apr 2-8



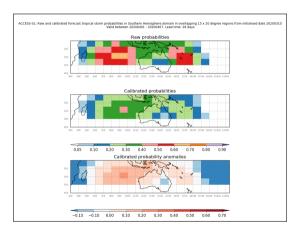


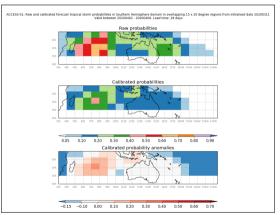
Week 4 forecasts - Issued Mar 12-13. Valid Apr 3-9, Apr 4-10



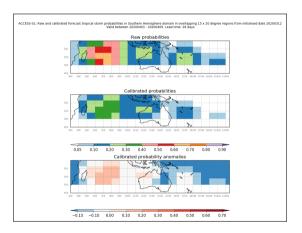


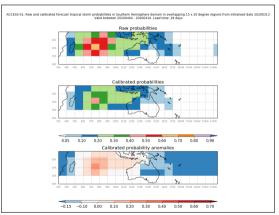
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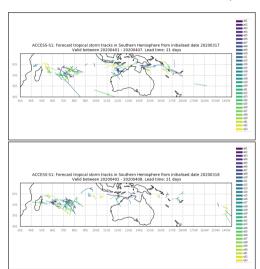


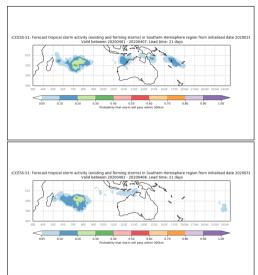
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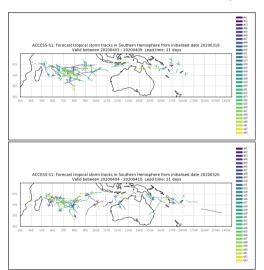


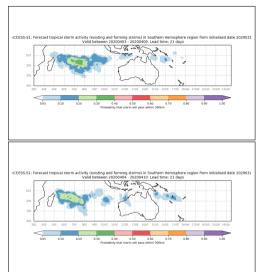
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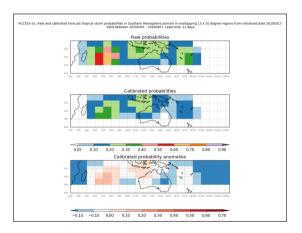


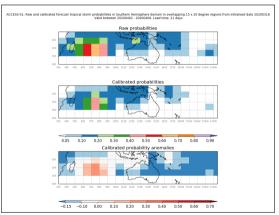
Week 3 forecasts - Issued Mar 19-20. Valid Apr 3-9, Apr 4-10



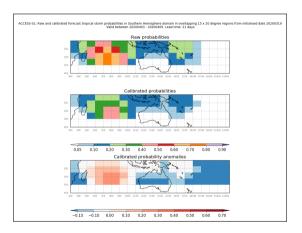


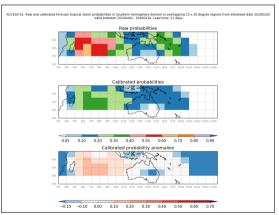
Week 3 calibrated forecasts - Issued Mar 17-18. Valid Apr 1-7, Apr 2-8



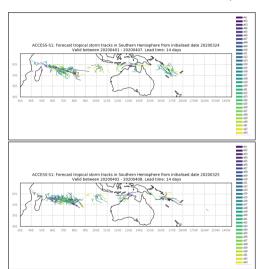


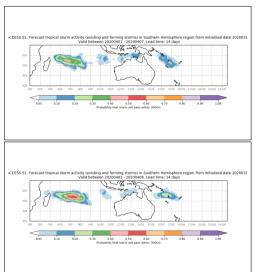
Week 3 calibrated forecasts - Issued Mar 19-20. Valid Apr 3-9, Apr 4-10





Week 2 forecasts - Issued Mar 24-25. Valid Apr 1-7, Apr 2-8





Week 2 forecasts - Issued Mar 26-27. Valid Apr 3-9, Apr 4-10

