

# 2020/21 Tropical Cyclone Outlook

Terry Atalifo – Fiji Meteorological Service  
(Acknowledge BoM & NIWA's input)



Australian Government  
Department of Foreign Affairs and Trade  
Bureau of Meteorology



NIWA  
Taihoro Nukurangi



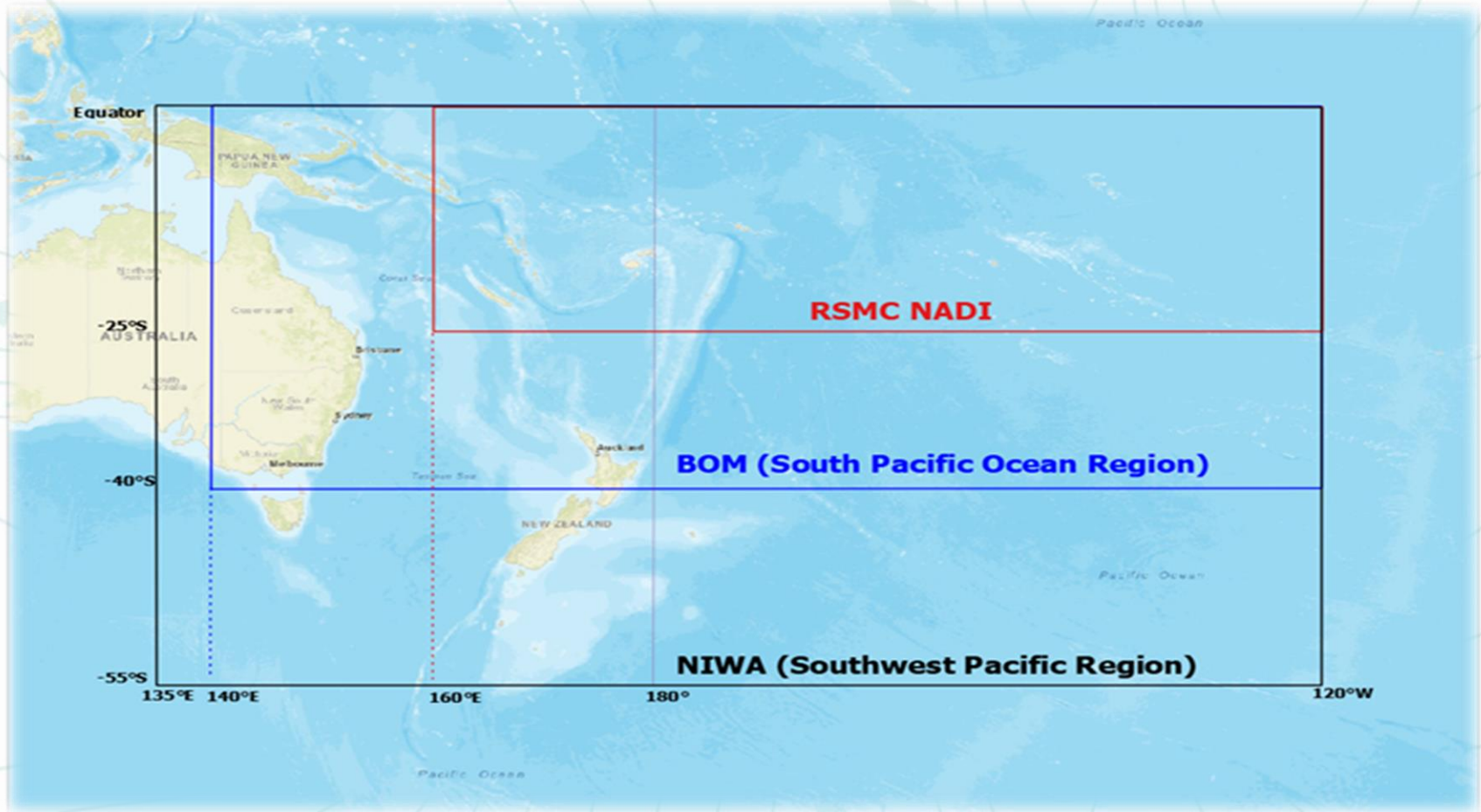
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# Outline of Presentation

- 1) Recap of 2019/20 TC Outlook
- 2) 2020/21 TC Outlook



# Background Information



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# Recap of 2019/20 Season

Agency	Prediction		Observed	
	Total TCs	Severe TCs	Total TCs	Severe TCs
BoM (165°E - 120°W)	41% chance of above average (7)		8	4
NIWA (135°E - 120°W)	9-12	4	8	4
FMS (160°E - 120°W)	5-8	2-4	8	4

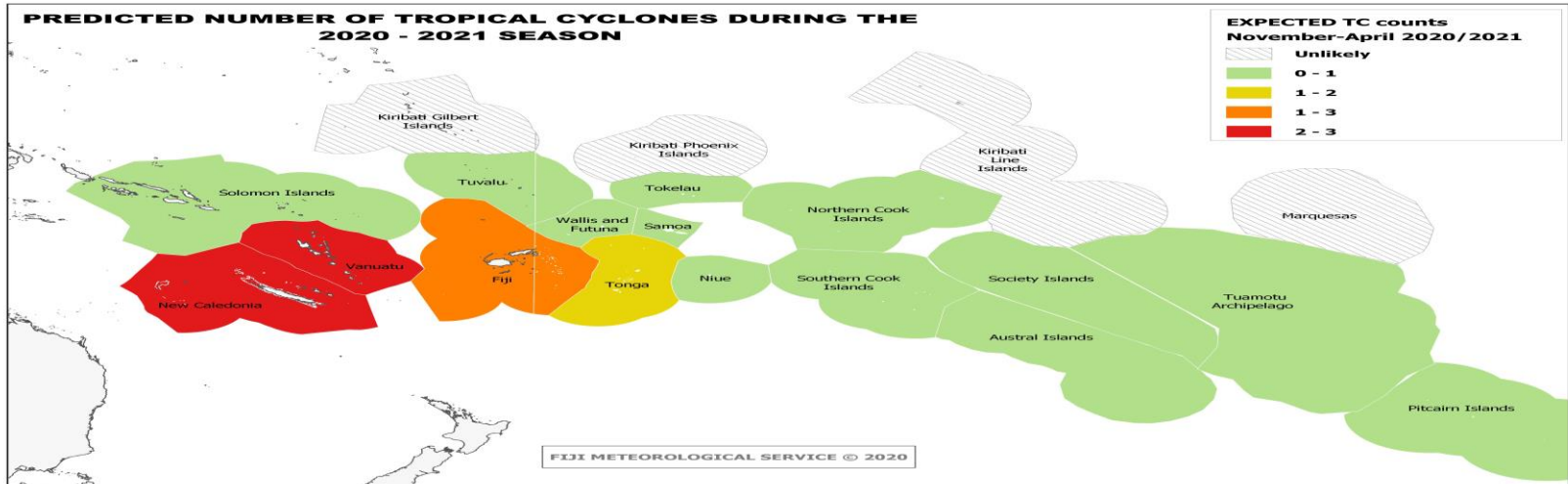
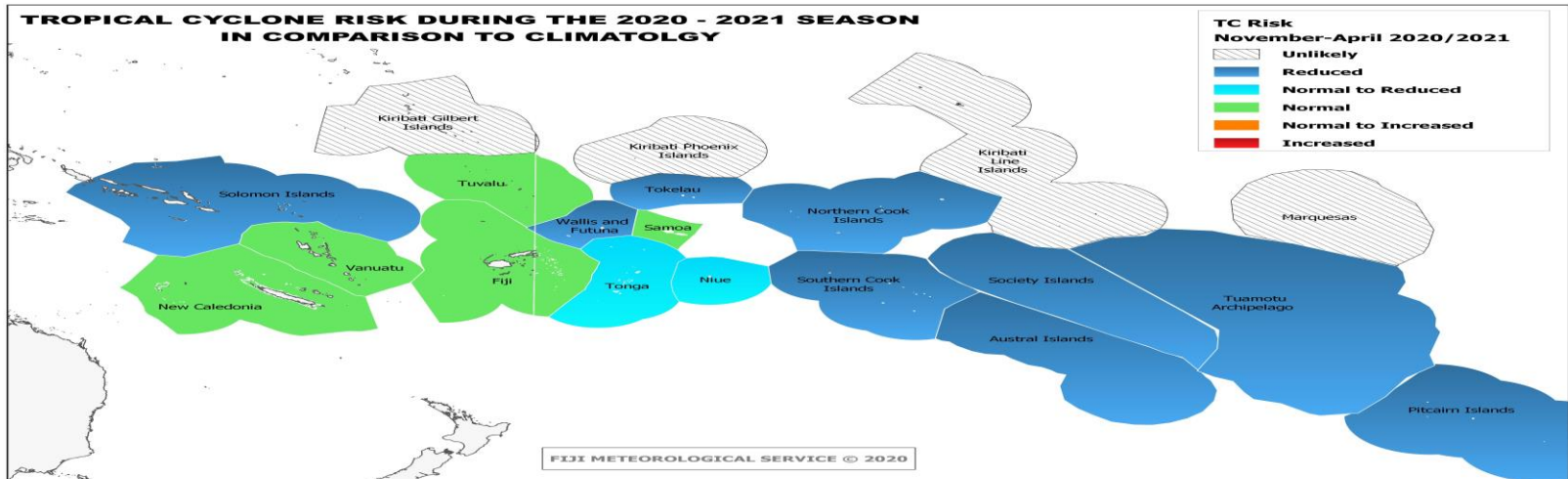


## Key Messages:

-  La-Niña conditions influenced this years TC Outlook (persist into early 2021).
-  Near average (Average to below average) cyclone season most likely for the SPO region (SWP & RSMC-Nadi).
-  Above average (average) TC activity to the western region, Coral Sea & N. Tasman Sea (eastern region) with high confidence (low confidence).



# 2020/21 TC Outlook



## Additional Information:

- 1) La-Niña conditions to persist well into 2021  
(moderate, moderate to strong)
- 2) SPCZ, southward displacement.
- 3) MJO events, restricted to reach the Pacific.



End...



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# Appendix 1

Country	Climatology	Analog Seasons	Risk
Papua New Guinea	0.9	1.0	Normal
Vanuatu	2.9 (1.9)	2.3 (2.0)	Normal ( )
New Caledonia	2.75 (2.7)	3.0 (2.8)	Elevated (Normal)
Fiji	2.5 (2.0)	3.0 (1.8)	Normal ( )
Solomon Is.	1.2 (1.5)	1.0 (0.5)	Normal (Reduced)
Wallis & Futuna	2.2 (0.5)	2.7 (0.2)	Normal (Reduced)
N. NZ	0.75	2.0	Elevated
Tokelau	1.6 (0.1)	2.0 (0)	Normal-Elevated (Reduced)
Samoa	1.7 (0.4)	1.2 (0.3)	Normal ( )
Tonga	2.2 (1.7)	1.4 (1.2)	Reduced (Normal – Reduced)
Tuvalu	1.4 (0.4)	0.6 (0.3)	Reduced (Normal)

# 2020/21 TC Outlook

Country	Climatology	Analog Seasons	Risk
Niue	1.8 (0.7)	0.4 (0.5)	Reduced (Normal – Reduced)
American Samoa	1.7	0.2	Reduced
S. Cooks	1.3 (1.0)	0.2 (0.3)	Reduced ( )
Austral Is.	0.75 (0.6)	0 (0)	Reduced ( )
Society Is.	1.2 (0.5)	1.0 (0)	Unlikely (Reduced)
N.Cooks	2.2 (0.5)	2.7 (0)	Unlikely (Reduced)
Tuamotu	0.75 (0.4)	2.0 (0)	Unlikely (Reduced)
W. Kiribati	1.6 (0)	2.0 (0)	Unlikely ( )
Marquesas	1.7 (0)	1.2 (0)	Unlikely ( )
Pitcairn	2.2 (0.1)	1.4 (0)	Unlikely (Reduced)
C & E Kiribati	0 ( )	0( )	Unlikely ( )

