



Climate Outlook

Monthly	Baseline (30 years 1981-2010)	Actual	Comment	Responsible Ministry
Rainfall				
Jan-19	447 mm	238.7mm	Jan – Apia recorded below average rainfall compared to its normal rainfall. Feb – Apia registered above average rainfall. No clear trend for Apia rainfall from 1958-2018, but shows substantial variation from year to year. Below average rainfall. Average rainfall registered for Apia Average rainfall recorded.	MNRE/MET
Feb-19	361 mm	554.0mm		
Mar-19	339 mm	59.1 mm		
Apr-19	212 mm	212.9 mm		
May-19	211 mm	218.7 mm		
Temperature				
Jan-19	30.4°C (max) 24.2°C (min)	31.0°C 25.4°C	Apia January 2019 was 0.6°C warmer compared to its 30year average whereas February remains the same.	MNRE/MET
Feb-19	30.5°C (max) 24.3°C (min)	30.5°C 25.4°C	On record, year 2014, 2015 and 2016 were the warmest years on record where 2016 registered the highest average temperature of 28.6°C.	
Mar-19	30.6°C 24.3°C	31.5°C 24.5°C	Warmer than average temperatures recorded for Apia station.	
Apr-19	30.7°C 24.2°C	31.4°C 25.7°C		
May-19	30.4°C 23.8°C	30.8°C 24.9°C		
Sea Level Rise (not applicable - long term)				
Jan-19	4mm/yr	4.5mm/yr	From Samoa tide gauge data – note also Geo-science Australia is continuing to monitor the earth movement to correct sea level rise	MNRE/MET
Tropical Depressions(TD) (SW Pacific Region: 160°E – 120°W and 0° to 25°S)				
Jan-19	N/A	Sep 2018: 1 TD Nov 2018: 1 TD Dec 2018: 3TD Jan 2019: None Feb 2019: 6 TD Mar 2019: 0 Apr 2019: 0 Off Season May 2019: 2	Sep 2018: TD01F Nov 2018:TD02F Dec 2018: TD03F, TD04F, TD05F Feb 2019: TD06F, TD07F, TD08F, TD09F, TD10F, TD11F Mar 2019:0 April 2019: 0 May 2019: TD12F, Ann (develop east of Solomon Islands and moved into Australia region during May 10 th) Total of 13 Tropical Depression developed within the region.	MNRE/MET
Tropical Cyclones (TC) (SW Pacific Region: 160°E – 120°W and 0° to 25°S)				
Jan-19	7-11 named TC from Nov 2018 – April 2019	Sep 2018: 1 Nov 2018: None Dec 2018: 1 Jan 2019: None Feb 2019: 3 Mar 2019: 0 Apr 2019: 0	Sep 2018: TC Liua (TD01F) Dec 2018: TC Mona (TD04F) Feb 2019: TC Neil (TD07F) TC Oma (TD09F) TC Pola (TD11F) Total of 5 named Tropical Cyclone (TC) developed in our region so far for 2018/19 season. Note, TC Liua developed in September prior to the official start of the TC season i.e Nov 2018 – April 2019.	MNRE/MET



Climate Change Project Financing Update

National Projects

Partner/Source	Grant/Loan	Amount	Status (% of Delivery) June 2019	Remaining funds	Responsible Agency
Global Environment Facility	Grant				
	Strengthening Multi Sector Management of Critical Landscape SMSMCL(2015-2020)	USD \$4,736,363.00	\$3,897,061.00 82%	\$839,302.00	MNRE/MoF
	Economy Wide Adaptation for Climate Change EWACC (2015-2021)	USD \$12,322,936.00	\$7,886,679.00 64%	\$4,436,257.00	MNRE/MoF
	Improving Performance and Reliability of Renewable Energy Power Systems in Samoa IMPRESS (2017-2022)	USD \$6,076,000.00	\$2,734,200.00 45%	\$3,341,800.00	MNRE/MoF
Green Climate Fund	Grant Component 2.2 (2017 -2023)	USD \$8,384,700.00	1,425,399.00 17%	\$6,959,301.00	MoF/MNRE
IDA/World Bank/CIF	Grant ECR/PPCR Project (2013-2020)	USD \$14,600,000.00	\$7,423,507.15 51%	\$7,176,492.85	MoF

Regional Projects

Global Environment Facility	Ridge to Reef R2R (2016-2019)	USD \$200,000.00	\$120,000.00 60%	\$80,000.00	MNRE
IDA/World Bank	Pacific Resilience Project PRP (2016 -2022)	USD \$16,790,000.00	\$5,516,000.00 23%	\$12,620,748.46	MNRE/MoF

Climate Change Mitigation

Period	Renewable Energy	Total (tCO ₂ e)	Total (kWh)	% Electricity Generation	Responsible Agency
Jan – Mar 2019	Hydro	10,135,780.63	16,622,680.23	69.7	EPC
	Wind	24,207.32	39,700.00	.1	EPC
	Solar	3,472,831.02	5,695,442.88	30.2	EPC