

Ministry of Natural Resources and Environment

Climate Outlook

	Season	Baseline 1981-2010	Actual	Comment	Trend
	Rainfall - Apia Station				
	January 2021	423mm	635.1mm		Above Average
	February 2021	360mm	664.7mm		
	"Above average rainfall recorded in January and February 2021 due to the active convergent zone which is one of the climate drivers for Samoa. Furthermore with the La-Nina in place there is a greater chance of above normal rainfall expected for the next three months				
	Temperature - Apia Station				
	January 2021	30.4°C(max)	32.8°C(max)		Above Average
	February 2021	30.5°C(max)	32.7°C(max)		
	"Above average maximum temperature registered in January and February 2021 whereas minimum temperatures were near average. The climate models are predicting 'above normal' temperature anticipated for March to May 2021				
	Sea Level Rise (not applicable - longterm)				
		4mm/yr	4.5mm/yr	No change monthly since its a long term determination	Slightly rising
	Tropical Cyclones (TC) (SW Pacific Region: 160°E – 120°W and 0° to 25°)				
	2020-2021	0-1 TC within 400km from Samoa	NIL	No cyclone recorded to have passed the 400km radius of Samoan region in the current season 2020 - 2021. normally the second half of the tropical cyclone season is more active(Feb-April) N.B Wet/ Tropical Cyclone season is from November to April	
		4-6TC in the Pacific Region (>400km from Samoa)	TC Ana (Cat 3) Jan 29, 2021 TC Bina (Cat 1) Jan 31, 2021	TD04F TD05F - TC Ana TD06F TD07F - TC Bina TD08F TD09F TD10F the most recent Tropical Disturbance which affected Samoa on February (located about 600km west of Asau)	

Climate Change Mitigation

(i) Electricity/ Renewable Energy	Amount of Electricity Generation (in Kilowatt-hours) from various sources of Renewable Energy as well as Diesel for the first quarter (January to October) of the year 2020.	
<ul style="list-style-type: none"> Hydro Solar Wind Biomass Diesel 		<p>AFOLAU 750kw Biomass Gasification power plant official launching held 13th November 2020</p>
Total Generation		

(ii) Petroleum	Baseline 2016	2016 Distribution %	Total imported fuel Mar 2020 11,396 million litres	2020 Distribution %
Electricity	126.4 million litres	Residential 4%, Others 3%, Electricity 22%		Others 11%, Electricity 26%
Transportation		Commercial 17%, Transportation 54%	Transportation 55%	
Commercial				
Residential				
Others				

(iv) Forestry	Baseline 2014	# trees dispatched/ distributed /planted	Total # of trees planted/ last reporting	overall total of trees planted to date
MNRE	165,048.89ha (58%) 47,736,227 c-ton	499,727	2,176,725 906.16 total area	2,215,756 930.09 total area
Private Business /Communities	MNRE Record	61,322	Total # of seedlings planted within this reporting period	39,031 23.93 total area/hactare
Samoa Farmers Federation Inc	MNRE Record	1,031,000		
MAF	MNRE Record	516,173		
STEC	MNRE Record	107,534		

Climate Change Governance

Activity	Timeframe	STATUS
1. Samoa Climate Change Policy	2020-2030	Policy has been endorsed by Cabinet
2. Samoa Ocean Strategy	2019-2029	Endorsed and Launched - October 2020
3. Community Integrated Management Plans (CIM) 43 plan		Complete and implementation ongoing; both english & Samoan versions available
4. National Environment Sector Communication Strategy	2022-2026	Endorsed and Launched - November 2020
5. Draft Climate Change Bill		Consultations with stakeholder to be conducted
International obligation to UNFCCC: Status of the CC negotiations, Samoa and SIDS are involved in negotiations online for the Paris Agreement Rulebook		
Samoa's 3rd National Communication Report.	2020-2023	Progress ongoing
<ul style="list-style-type: none"> National Circumstances National GHG Inventory Vulnerability & Adaptation Assessment Mitigation Action Knowledge Management Development the First Biennial Update Report (BUR) on Climate Change		by the end of 2021 we will have an updated GHG inventory and submit updated Biennial update report to UNFCCC. This will also inform the 4th State of the Environment report - 4th SOE
Nationally Determined Contributions Enhancement	2020-2025	Scope to expand from Renewable Energy to include other sectors - Agriculture, Tourism and transport to be submitted before COP26

Adaptation & Mitigation Actions

Project Profile	Utilization %	HIGHLIGHTS
GCF 2017 - 2023 Component 2.2 MNRE/MOF USD 8.8 million	73%	2. Ecosystem based Adaptation Enterprise Development progress - 20 projects/192 completed disbursements under First Call for Proposals (CfP). Implementation and monitoring continuing - 319 projects approved for implementation under Final CfP. Contracting phase underway 3. Payment for Ecosystem Services Program - Full feasibility Report for Stage 2 under review to inform implementation of pilot project at Malololelei sites. 4. Cash for Work: - Ongoing rehabilitation works for designated areas at Magiagi-Fale o le Fee, Vailima and Malololelei reserves - Completed demarcation of 138.9 acres of government land at Afiamalu for watershed protection purposes. Fencing near completion.
ECR/PPCR Project 2013-2021 IDA/World Bank USD 14,600,000.00	91%	- Complete development and formulation of CIM Plans for 43 Districts (Adaptation) -Both english and samoan copies available
Pacific Resilience Project IDA/World Bank USD 16,790,000.00 2015-2022	49.31%	- Meteorology Act (passed in Parliament 2nd March 2021 - NEOC completed officially opened - October 23rd 2020. -The new Seismic Operation Centre design and supervision procurement being finalized -ICT and Audio Visual equipment for NEOC being procured

For more information contact:

Climate Change and Global Environment Facility Division
Ministry of Natural Resources and Environment
Telephone number 67200 or
visit www.mnre.gov.ws