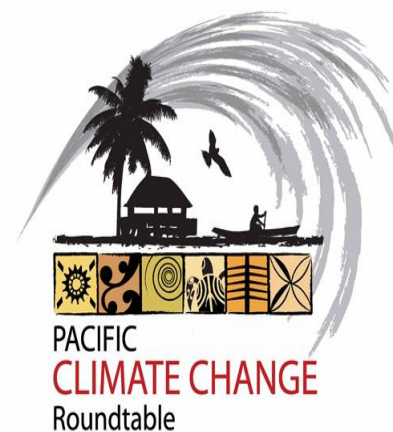


Early Warning Information for Communities



Luteru Tauvale
Samoa Meteorology Division

Presentation Content

1. Advisories/ Warnings
2. Standard Operating Procedures (SOPs)
3. Dissemination



WARNING TYPE (ENGLISH)	FAAVASEGAINA O LAPATAIGA (FA'ASAMOA)	FORECASTING TIME OF OCCURRENCE	WIND SPEED RANGE/ SYSTEM DEVELOPMENT	SAMOAN IMPACT SCALE/FUAINA O AAFIAGA
PUBLIC AND COASTAL FORECAST/TALA O LE TAU MASANI				
Heavy Rain Warning (public)	Lapataiga mo Timuga Mamafa (include impact)	Up to 24 hours	50-100 mm/per hour	Lologa ma sologa o vaega papa tu ma maualalalo
Small craft and Fishing Boats Advisory (coastal forecast)	Fautuaga mo Vaa Iaiti ma Vaa Fagota	Up to 72 hours/e oo atu ile 72 itula e ono aafia ai le atunuu	20 to 33 kts (25 to 35 mph) mai ile 20 ile 33 maila tautai (25 ile 35 maila ile itula)/ ua faatupulaia se taaviliga o Matagi malolosi (L- low pressure development	
Wind Advisory (public forecast)	Fautuaga mo Savili Malolosi	Up to 48 hours/e oo atu ile 48 itula e ono aafia ai le atunuu	Gusting and sustaining 25 to 33 knots – ON LAND (25 ile 33 maila ile itula tofa'atautau ma agi faalausosoo – LAUELEELE))	Paūū i lalo togafa'i Lelea ese ia apa e le o tutuia faalelei o umukuka

ACTIVATION OF TROPICAL CYCLONE WARNING CENTER AND OPERATIONAL PLAN – ISSUE OF SPECIAL WEATHER BULLETINS/AMATAINA O LE TUUINA ATU O TALA O LE TAU FAAPITOA

<p>Gale Warning (34 to 47 knots – 39 to 54 mph) Cat 1</p>	<p>Lapataiga mo MATAGI AFĀ (34-63 maila tautai) (39-54 maila ile itula)</p>	<p>24 - 48 hours/mai ile 24 ile 48 itula e ono aafia ai le atunuu</p>	<p>34 to 47 knots (39 to 54 mph) – 34 ile 63 maila tautai Tropical Cyclone well developed and named</p>	<p>Paūū i lalo pulu Paūū i lalo ulu Paūū i lalo pou moli Paūū i lalo umukuka Samoa</p>
<p>Tropical Storm Warning (48 to 63 knots – 55 to 72 mph) Cat 2</p>	<p>Lapataiga mo MATAGI AFĀ (48-63 maila tautai) (55-72 maila ile itula)</p>	<p>24 - 48 hours/mai ile 24 ile 48 itula e ono aafia ai le atunuu</p>	<p>48 to 63 knots (55 to 72 mph) – 34 ile 63 maila tautai Tropical Cyclone well developed and named</p>	
<p>Severe Tropical Cyclone Warning (>63 knots[>74 mph] Cat 3, 4, 5</p>	<p>Lapataiga mo AFĀ (sili atu ma le > 63 maila tautai) (sili atu ma le >74 maila ile itula) (Cat. 3 -5)</p>	<p>Up to 24 hours/ e oo atu ile 24 itula e ono aafia ai le atunuu</p>	<p>Greater than 63 knots (74 maila ile itula) Confidence of moving to Samoa (mautinoa lona agai mai i Samoa</p>	<p>Paūū i lalo niu Susue I luga taualuga o Fale Paūū i lalo fale atoa</p>
<p>Cancellation of Severe Tropical Cyclone Warning</p>	<p>O Lapataiga mo AFĀ ua faaleaogaina nei</p>	<p>Conidtions to warrant cancellation (pe a talafegai ai ona faaleaogaina)</p>	<p>Severe Tropical Cyclone force winds reduced/ faaitiitia matagi o AFĀ</p>	
<p>Cancellation of Tropical Cyclone Storm</p>	<p>O Lapataiga mo MATAGI AFĀ ua faaleaogaina nei</p>	<p>Conidtions to warrant cancellation (ua</p>	<p>Tropical Storm force winds reduce/faaitiitia</p>	

STCWC SOPs

(SAMOA TROPICAL CYCLONE WARNING CENTRE STANDARD OPERATING PROCEDURES)

Tropical Low Pressure (Potential to become a TD is High)

Step 01: Informed PSO/Person In Charge (Weather) - TC Operation co-ordinator

Step 02: TC Operation Co-ordinator brief ACEO/Acting ACEO Meteorology Division

* Normal Forecast Bulletin issued with relevant Advisories

Tropical Depression: (Potential to become a TC is High)

Step 01: ACEO/Acting ACEO Met inform CEO/Acting CEO

Step 02: ACEO Met inform ACEO DMO & **Executive Management MNRE**

Step 03: Activate Samoa Tropical Cyclone Forecasting Warning Centre (STCFWC)

Step 04: Contact American Samoa National Weather Services for discussion agreement

* Normal Bulletin issued with relevant Advisories

Tropical Cyclone Cat 1

Step 01: Continue Discussion - American Samoa National Weather Services before every issue

Step 02: Issued SWB every 6 hours

Step 03: ACEO/Acting ACEO Met brief CEO every 6 hours after every issue



STCWC SOPs Con't...

Step 05: ACEO/Acting ACEO Met brief ACEO DMO & Executive Management every 6 hours

Step 06: ACEO/Acting ACEO Met follow-up Media interview after every 12 hours

Tropical Cyclone Cat 2

Step 01: Continue Discussion with American Samoa National Weather Services

Step 02: Issued SWB every 3 hours

Step 03: ACEO/Acting ACEO Met brief CEO every 3 hours after every issue

Step 04: CEO/Acting CEO MNRE brief NDC

Step 05: ACEO/Acting ACEO Met brief DMO every 3 hours after every issue

Step 06: ACEO/Acting ACEO Met follow-up Media interview every 6 hours

Severe Tropical Cyclone Cat 3 – Cat 5

Step 01: Continue Discussion with American Samoa National Weather Services

Step 02: Issued SWB every 3 hours

Step 03: ACEO/Acting ACEO Met brief CEO every 3 hours after every issue

Step 04: CEO/Acting CEO MNRE brief NDC



SOPs Con't...

Tropical Cyclone Downgrading Procedure

Severe Tropical Cyclone Cat 3 – Cat 5

Step 01: Continue Discussion with American Samoa National Weather Services

Step 02: Issued SWB every 3 hours

Step 03: ACEO/Acting ACEO Met brief CEO every 3 hours after every issue

Step 04: CEO/Acting CEO MNRE brief NDC

Step 05: ACEO/Acting ACEO Met brief ACEO DMO/Executive Management MNRE every 3 hours.

Step 06: ACEO/Acting ACEO Met follow-up Media interview every 6 hours

Tropical Cyclone Cat 2

Step 01: Continue Discussion - American Samoa National Weather Services

Step 02: Issued SWB every 3 hours

Step 03: ACEO/Acting ACEO Met brief CEO every 3 hours after every issue

Step 04: CEO/Acting CEO MNRE brief NDC

Step 05: Step 9: ACEO/Acting ACEO Met brief DMO every 3 hours after every issue

Step 06: ACEO/Acting ACEO Met follow-up Media interview every 6 hours



SOPs Con't...

Tropical Cyclone Downgrading Procedure

Tropical Cyclone Cat 1

Step 01: Continue Discussion - American Samoa National Weather Services

Step 02: Issued SWB every 6 hours

Step 03: ACEO/Acting ACEO Met brief CEO every 6 hours after every issue

Step 04: CEO/Acting CEO MNRE brief NDC

Step 05: Step 9: ACEO/Acting ACEO Met brief ACEO DMO/Executive Management MNRE every 6 hours

Step 06: ACEO/Acting ACEO Met follow-up Media interview every 12 hours

*Final SWB issued

Tropical Depression:

Step 01: Continue Discussion - American Samoa National Weather Services

Step 02: ACEO Met brief CEO/Acting CEO, and ACEO DMO

Step 02: ACEO Met inform ACEO DMO & Public through Media

* Back to Normal Bulletin issued with relevant Advisories



Dissemination

- Radio/ TV/ Newspaper/Social Media/
- Live interviews
- Email
- Website (samet.gov.ws)
- SMS text (Heavy rain warning)
- DAC Meeting



Fa'afetai

