## **EARLY WARNING SYSTEM SURVEY BRITISH VIRGIN ISLANDS COUNTRY:** Please complete one form for each Hazard I INFORMATION ON THE HAZARD 1. The Hazard **HURRICANE** 2. Summary of events triggered by the hazard WIND DAMAGE, STORM SURGES, FLOODING OF FLAT AREAS 3. Historical events of significance. **HURRICANES DONNA-1960, GEORGES - 1998** 4. Description of the region and the population under hazard and of the existing vulnerabilities b. Degree of exposure of population to hazards (High/Medium/Low) HIGH a. Number of communities affected by the hazards (Approximate #) c. Number of persons exposed (#) c. Percentage of people exposed to hazard, etc).(%) 5. Is there adequate public awareness about the hazard? (Y/N) 6. Attitude towards freedom of hazard information: (Very good/Good/Poor/None) VERY GOOD TECHNICAL ASPECTS OF THE EARLY WARNING SYSTEM 1. Type of system employed to monitor the hazard: SATELLITE (INTERNET) MONITORING, WIND VANES, RAIN GAUGES, HUMAN REPORTING, CABLE CHANNELS, MIXTURE 2. Year in which system became operational. 1991 - 2003 (GRADUAL DEVELOPMENT) 3. Time employed for the design and implementation of the system. 12 YRS 4. Geographic coverage of EWS. ALL ISLANDS 5. Arrangements made for remote areas? (Y/N) GOOD 6. Routine operation of the EWS: a. Members of the community; (Position) YOUTH AUXIALLIARY CORPS b. Personnel from: 1) National; (Position) MET OFFICE, ODP, MEDIA HOUSES 2) Regional; (Position) Local government agency; (Position) DISTRICT/ISLAND COMMISSIONERS Research center; (Name) NONE 5) Consulting firm; **(Y/N**) 6) NGO; **(Name**) 7) Other (Name) 8) Mixed; (Y/N) YES 7. Type of instrumentation used a. to monitor the hazard; ANEMOMETERS, SATELLITE TVRO, **COMPUTERS-INTERNET, RAIN GAUGES, 2 WAY RADIOS** b. to process information gathered; COMPUTERS c. to transfer it. BROADCAST RADIO AND TV, BULL HORNS, FAX, HF/VHF/UHF RADIO, **EMAIL, TELEPHONES, CELL PHONES, SATELLITE PHONES** 8. Mechanisms used to forecast the events: Page 1 of 3 a. Procedures? (Y/N) b. Are procedures documented in a national plan? (Y/N) YES c. Are procedures backed by legal authority? (Y/N) YES

	d. Who carries out this task?
	1) Members of the community? <b>(Y/N) NO</b>
	2) Personnel from technical institutions? (Y/N) YES - MET OFFICE
	3) Other (Name)
	4) Automatic? (Y/N) YES
	5) Mixed? (Y/N) YES
	6) Other (Name)
9. Is war	rning adequately published in public broadcast media? (Y/N) YES
	precast and media agencies fully integrated? (Y/N) YES
	re redundancy and backup for the EW system? (Y/N) YES
	line equipment (eg standby power) adequate? (Y/N) YES
	re adequate provision for maintenance of the EWS? (Y/N) YES
	nical support used for the Design, Implementation, Development of the EWS:
17. Tecili	a. International (Name) CDERA
	b. National (Name) MET OFFICE, ODP, REGIONAL CONSULTANTS
	c. Technical (Name) HAM OPERATORS
	d. Scientific (Name) REGIONAL CONSULTANTS, UWI
	e. Academic (Name) UWI
	f. Consulting firm (Name)
	g. Civil defense agency (Name) ODP, FIRE SERVICE, POLICE
	h. NGO (Name) RED CROSS
	i. Other (Name) NEWS MEDIA (CABLE OPERATORS, PRINT, TV, RADIO)
III INS	STITUTIONAL AND FINANCIAL ASPECTS OF THE EWS.
	e a legal framework for the EWS? (Y/N) YES
	tion(s) in charge of design and implementation (Name) ODP, MET OFFICE
Z. mstitut	tion(3) in charge of design and implementation (Name) obt , MET of Floc
3 Inctitut	tion (s) which participate routinely in monitoring the hazard (Name) ODP, MET OFFICE
J. IIISIIIUI	tion (s) which participate routhlely in monitoring the hazard (Name) ODF, MET OFFICE
1 la thar	and aguata mublic awaranaga of the EMC2 (V/N) VEC
	e adequate public awareness of the EWS? (Y/N) YES
5. Is there	e parity between forecasting and warning? (Y/N) YES
5. Is there 6. Is there	e parity between forecasting and warning? (Y/N) YES e provision for nightime warning and response? (Y/N) YES
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IV MECHANISMS TO ISSUE A WARNING AND AN ALERT	
1. Who is	warned or alerted by those who monitor the hazard?
	a. Community (Y/N) YES
	b. Local (Name) FIRST RESPONDERS AND COMMUNITIES VIA MASS MEDIA ETC
	c. Regional (Name) CDERA
	d. National Government (Name) GOVERNOR, CHIEF MINISTER, MINISTRIES, RESPONSE AGENCIES
2. Which	means are employed to warn the people and the various agencies or institutions?
	TELEPHONE, FAX, EMAIL, PUBLIC MEDIA,
3. Who is	in charge of declaring the state of alert:
	a. The Community (Y/N) NO
	b. Technical personnel who monitor the hazard (Y/N) NO
	c. Local (Name)
	d. Regional (Name)
	e. National level government (Name) NATIONAL DISASTER COORDINATOR
	f. National civil protection agency (Y/N) NO
4. Type of	f public alert employed:
	Siren / Bells / Public Radio / TV / Flags / Whistles / Megaphones / Email / Fixed Frequency
	Radio / Fax / Cell Phone / Community Members Cascade / Multiple options
5. Who is	in charge of operating the alert mechanisms/equipment and orders the activation of alerts?
	NATIONAL DISASTER COORDINATOR
6. Official	policies, norms, and procedures in place to issue warnings and alerts (if any)
	YES - NATIONAL DISASTER PLAN
7 Local c	overnment participation: YES
	ontent of the alert message adequate? (Y/N) YES
	e verification that the information is correct and acted on? (Y/N) YES
	a. Type of municipal organization (Name Type) DISTRICT COORDINATORS
	b. Resources provided. AS SPECIFIED ABOVE
10 Camp	nunity participation:
	a. Type of organization (Name Type) COMMUNITY ASSOCIATIONS, NGO'S, CHURCHES, ETC
	b. Participants (Name Organizations) RED CROSS, ADRA, ST JOHNS AMBULANCE, ETC
	c. Relation with the local government. (Very good/Good/Poor/None) VERY GOOD
	al arrangements for social groups with limited resources and special needs? (Y/N) YES
V AN	ALYSIS OF EWS
1. Comme	ents regarding successful and unsuccessful results during the operation of the EWS.
	HIGHLY EFFECTIVE AND CENTRALIZED EWS WHICH IS WELL RESOURCED AND RESPONSIVE
	THROUGHOUT ALL THE ISLANDS
2 Strengt	ths and weaknesses of the EWS.
z. otrong	
	STRENGTHS: CENTRALIZATION WITH HIGH GOVERNMENT COMMITTMENT AND COMMUNITY
	INVOLVEMENT, VARIETY OF WARNING METHODS ALLOWS REDUNDANCY
	WEAKNESSES: MANY ISLANDS WITH TINY POPULATIONS TO COVER
3. Lesson	s learned, benefits of the EWS.
	MULTI ISLAND STATE WITH MANY SPARCELY POPULATED ISLANDS HAVE TO CENTRALIZE
	RESOURCES AND DEPEND ON A WELL RUN SYSTEM AND RADIO COVERAGE, TO INVOLVE COMMUNITIES
4. Added	value gathered from the EWS (benefits not initially conceived during the planning stages, which
	during standard operation of the system).
	YOUTH INVOLVEMENT THROUGH THE DISASTER AUXILLIARY CORPS
1	
ANNEX:	MAP OF THE REGION WHERE EWS IS COME TO MAKE THE REGION WHERE THE REGION WHERE EWS IS COME TO MAKE THE REGION WHERE THE REGION W