Role and Responsibility of Disaster Response Departments

Sr. No		Stages	Disaster Management Authority / EOC	IMD	CWC	WRD	Revenue Dept. / EOC	Urban/Rural Authority	Roads and Building	Railway Authority	Home Dept.	Energy
1		Monsoon Period	To arrange regular meeting with all concerned departments during Monsoon Period	Issue of weather bulletin for forecasting rainfall	To coordinate with the neighboring states of Gujarat for rainfall and inflow forecast for inter state rivers. To issue inflow forecast and flood level forecast warning in the reservoir. Warning to be issued to the focal officer of the projects of the basin and concerned officers of WRD.	states in the event of Heavy rainfall in the catchment, release of water from the upstream dams along with upstream reservoir position. To plan for operation of reservoir w.r.t. outflow from the reservoir to be decided and to inform concerned Revenue authority by way of Flood warning.	deemed fit messages for	accordance with the	To take appropriate action for safety of bridge, causeways roads and traffic	of railway	To take appropriate action in consultation with revenue dept.	To take appropriate action for safety of transmission infrastructure for maintain power supply in the affected areas.
2		Heavy Rainfall		Issue of weather bulletin for forecasting rainfall of various durations Issue of Special Bulletins	level forecast warning in the	Dam authority monitors the dam situation during monsoon. When any unusual condition or incident is noticed the information / emergency level is communicated to the disaster management authorities responsive actions to save the dam and minimize impact to life, property and the environment. CWC guidelines Emergency Action Plan for dams (CDSO_GUD_DS_01_v2.0) in this regard may be referred for more details.	To take appropriate action for alerting and evacuating the people likely to be affected in accordance with the warning and threat perception along with relief measures. In demanding situation if deemed fit messages for broadcasting on All India Radio and Doordarshan. Alert Central Assistance agencies on need basis.	As above and be prepared for responding to likely Flooding situation	As above	As above	As above	As above and be prepared for responding to likely Flooding situation
3	Reservo a. b.	Storage position Storage more than 70% and unto 80% (Warning Stage) Storage more than 80% and unto 90% (Alert Stage)		-	-	THOOG ATTACTAG VILLAGA / TOWN IN WITHING FOR THA BOCITION OF PACARVOIR A LAARIV	Warning message to Collectors for awareness of the affected people Alert message to collectors for awareness of the affected people	Warning message to Municipal Commissioners for awareness of the affected people Alert message to Municipal Commissioners for awareness of the affected people				
	c.	Storage more than 90% (High Alert)		-	-		High Alert message to collectors for awareness of the affected people	High Alert message to Municipal Commissioners				
	d.	Release of Flood Water from the Reservoir				decision to the Eocal officer of the river basin. The Eocal officer in turn shall	alerting and evacuating the people likely to be affected in accordance with the warning and threat perception. In case of natural calamities and grave emergencies liaison with Air force authority, Military authority for their	To take appropriate action for alerting and evacuating the people likely to be affected in urban areas in accordance with the	To take appropriate action for safety of bridge, causeway roads and traffic	situation and	action in consultation	To take appropriate action for safety of transmission infrastructure for maintaining power supply in the affected areas.
				The details of focal officer for the respective basins are provided in the Disaster Management Plan.	assistance							
4		Main Rivers (Damanganga, Tapi, Narmada, Mahi, Sabarmati and Banas) Flowing at danger level			level forecast warning in the reservoir. Warning to be issued to the focal officer of the projects of the basin and concerned officers of WRD.	decision to the Focal officer of the river basin. The Focal officer in turn shall intimate to the District Collector and the Flood Control Cell (WRD) Gandhinagar.	To take appropriate action for awareness, alerting the people likely to be affected in	for awareness, alerting the people likely to be affected in accordance with the	appropriate action for safety of	of railway	To take appropriate action in consultation with revenue dept.	

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5 Dam Failure		To keep constant watch over the situation and send Rapid action force or Air force as per necessity in the flooded areas of evacuation of the affected people.		Concerned Executive Engineer of the dam shall inform on the appropriate decision to the Focal officer of the river basin. The Focal officer in turn shall intimate to the District Collector and the Flood Control Cell (WRD) Gandhinagar. The details of focal officer for the respective basins are provided in the	accordance with the threat	for awareness, alerting the people likely to be affected	appropriate action	of railway	action in consultation	To take appropriate action for safety of transmission infrastructure for maintaining power supply in the affected areas.
6 Disaster	Preparedness for Flood	To finalize and review Disaster Management Plan for each Department To issue weather bulletin	To issue inflow forecast / Level forecast for six rivers.	To implement model action plan as per Annex 3 A	WRD Disaster Management	To implement model action plan as per Annex 3 A of WRD Disaster Management Plan 2021. Refer the District Disaster Management Plan of respective districts.	To implement model action plan as per Annex 3 A of WRD Disaster Management Plan 2021. Refer the District Disaster Management Plan of respective districts.			To implement model action plan as per Annex 3 A of WRD Disaster Management Plan 2021. Refer the District Disaster Management Plan of respective districts.
		Warning		Inform Revenue Dept Taluka level, District level and State Level intimation						
		Alert		Inform Revenue Dept Taluka level, District level and State Level intimation	Preparatory actions - Logistics readiness				Appropriate actions as per their protocol and Revenue Dept. instructions	
		High Alert		Inform Revenue Dept Taluka level, District level and State Level intimation-details like Release of Water to be made, likely villages to be affected by concerned Focal / Sub focal Officer.	Public intimation, interdepartmental co-ordination				Appropriate actions as per their protocol and Revenue Dept. instructions	
		Ready to Shift		Inform Revenue Dept., (Taluka level, District level and State Level intimation.						
		Post Damage		Appropriate actions w.r.t Damage Control, Relief of Dam / Irrigation Infrastructure	Relief, Rescue, Rehabilitation related actions	Relief, Rescue, Rehabilitation related actions	Damage Control, Repairs	Damage Control Repairs	Rescue, Relief, Security related actions	Damage Control, Repairs
Levels of Incidence										
Dam		To arrange emergency meeting with all line probable rainfall in the intimate situation to all concerned. Maintain constant touch with Air force, Army and Navy. Provide information about probable rainfall in the area which may be affected due to emergence situation of the dam.		regarding emergency level is communicated to the disaster management authorities and will act to save the dam and minimize impact to life, property and the environment. CWC guidelines in this regard may be referred for more details. Follow Rule levels as per Appexure 1 c (page 34) and Circular 2 clause 17 (p.74).	and threat perception. In case of natural calamities and grave emergencies liaison	To take appropriate action for alerting and evacuating the people likely to be affected in urban areas in accordance with the	appropriate action	situation and	action in consultation	To take appropriate action for safety of transmission infrastructure for maintain power supply in the affected areas.
River / Canal / Drains				WRD Authorities act as per Chapter 4, (Maintenance of Flood Embankments, p81) and Annexure 4-A (p82) covering maintenance of Flood Embankments. (In event of Drain Overflow or Breaches in banks - Concerned Executive Engineer shall act as Focal Officer and Dy. Ex Eng. as sub focal Officer)						
	Small Breaches in Canal, Small disturbance in Earthen Bunds, Slopes and Pitching	Warning		Timely repairs,		To take appropriate action for awareness, Alerting and the people likely to be affected in accordance with the threat perception.				
	Canal / Drain Inundation Inundation in 1 Village			Timely repairs						

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	Medium				Inform Revenue Dept., (Taluka level, District level and State Level intimation Project / Scheme Executive Engineer to take appropriate actions	Public intimation, interdepartmental co-ordination, Relief as deemed fit	To take appropriate action for awareness, alerting and the people likely to be affected in accordance with the threat perception. Ensure accessibility Village Garden Control of the control of the people likely to be accessibility affected in accordance with the threat perception.	Int rallway	To take appropriate action in consultation with revenue dept.	To take appropriate action for safety of transmission infrastructure.
	Heavy Inundation More than 1 Village				Inform Revenue Dept., (Taluka level, District level and State Level intimation. Mechanical Unit Fighter Squad to alerted	Assessment and Relief coordination	To take appropriate action for awareness, alerting and the people likely to be affected in accordance with the threat perception. Ensure accessibility Village Garden Control of the cont	To take appropriate action for safet of railway bridge, tracks and rail traffic.	To take appropriate action in consultation with revenue dept.	To take appropriate action for safety of transmission infrastructure.
Riverine	Flooding				Inform Revenue Dept., (Taluka level, District level and State Level intimation). Mechanical Unit Fighter Squad to alerted	Assessment and Relief coordination	To take appropriate action for awareness, alerting and the people likely to be affected in accordance with the threat perception. Ensure accessibility Village Garden Control of the cont	LOT TAILWAY	To take appropriate action in consultation with revenue dept.	To take appropriate action for safety of transmission infrastructure.
	Major Major	Cracks, Failures			Inform Revenue Dept., (Taluka level, District level and State Level intimation). Central Designs Organisation Visit and Problem Solving by CDO and Field Officers	Assessment and Relief coordination	To take appropriate action for awareness, alerting and the people likely to be affected in accordance with the threat perception. Ensure accessibility Village Garden the threat perception.	LOT rallway	To take appropriate action in consultation with revenue dept.	To take appropriate action for safety of transmission infrastructure.
		Heavy Leakages			Inform Revenue Dept., (Taluka level, District level and State Level intimation.) Central Designs Organisation Visit and Problem Solving by CDO/ Mechanical Wing and Field Officers	Assessment and Relief coordination	To take appropriate action for awareness, alerting and the people likely to be affected in accordance with the threat perception. Ensure accessibility Village Garden the threat perception.	LOT TAILWAY	To take appropriate action in consultation with revenue dept.	To take appropriate action for safety of transmission infrastructure.
		Mechanical Gate Problems			Inform Revenue Dept., (Taluka level, District level and State Level intimation.) Central Designs Organisation Visit and Problem Solving by Design Mechanical Wing and Field Officers	Assessment and Relief coordination	To take appropriate action for awareness, alerting and the people likely to be affected in accordance with the threat perception. Ensure accessibility Village Garden Control of the cont	LOT rallway	To take appropriate action in consultation with revenue dept.	To take appropriate action for safety of transmission infrastructure.
Coording	Monitoring data Sharing mechanism in place.			Department, Forecasting and Monitoring data Sharing	Coordinate with Central Water Commission Forecasting and Monitoring mechanism in place.	Coordinate response with various agencies				
	tion with Adjoining State			Intimation to State Emergency Operations and Concerned Disaster officers of adjoining States.	Intimation to State Emergency Operations and Concerned Disaster officers of adjoining States.					
Relief Mo	Relief Measures				WRD Dept. takes up relief measures for its Irrigation infrastructure. WRD Circle offices shall regularly send report of the Flood Damages WRD infrastructure to Central Flood Cell, Gandhinagar	Revenue dept. snan Coord	inate efforts by various departments and various departmental Control rooms shall nanage gather information of flood damage and response.			
<i> </i>	Pre Monsoon and non monsoon activities	Capaity Building	Issue of warning and capacity building.stre ngthning early warning mechanism	Coordination meeting and	Preventive mentanance, Pre-monsoon inspections and actions ensure in safety. Guidelines implementation. Rever/Drainage, Water bodies free of encroachments	Training and coordination Public awarness and capacity building	Formalization of byelaws guidelines and implimentation mechanism Drainage implimentation Rain water harvesting Implementation of guidelines plastic/debrease free rivers/drainages/canals & gutter lines Capacity but Ensure implimentation and guidelines and guidelines plastic/debrease public infrastucture.	cion nes ty of	Capacity building	Capacity building