

DAGUPAN CITY FLOOD WARNING SYSTEM

| WARNING LEVEL | STATUS | FLOOD INDICATORS | BARANGAY INDICATORS | DEPTH INDICATORS | CDCC / COMMITTEE | RESPONSE |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. WHITE "READY" | 1. High Tide Forecast 2. Heavy Rain Downpour (within 3 days) | Rain + High Tide | Laip Chico | Hips (<2 ft.) | CDCC Deputy Officer | 1. CDCC Convened & conduct immediate briefing to CDCC Members. 2. Establish proper coordination & update report with line agencies, PAGASA, PHIVOLCS, RDCC, OCS & Agri Flood Control Forecasting System 3. Establish proper coordination & update report with BDCC with the aid of early warning device installed / improvised. 4. Media information dissemination thru press release as it serves also as a warning information. 5. Inventory of logistics & manpower resources. |
| | | | Pogo Grande | Knee (<1 ft.) | CDCC Operation Team (Warning) | |
| | | | Pantal Riverside & Arelano | Knee (<1 ft.) | | |
| | | | Bacayao Sur | Hips (<2 ft.) | CDCC Staff Team (Communication) | |
| | | | Bonuan Guest (Bagong Barrio) | Knee (<1 ft.) | CDCC Staff Team (Supply / Logistics) | |
| 2. YELLOW "GET SET" | 1. High Tide Forecast 2. Heavy Rain Downpour (within 3 days) 3. Flood Alert Forecast by Agri Flood Control | Rain + High Tide + River Overflow | Herrero Perez (Near Creek) | Knee (<1 ft.) | | 1. CDCC activated, EOC operational. 2. Establish proper coordination & update report with line agencies, PAGASA, PHIVOLCS, RDCC, OCS, Agri Flood Control Forecasting System, RedCross & DepEd. 3. Update Situational report to CDCC Deputy Officer & establish the possible scenario from the gathered reports. 4. Establish proper coordination & update report with BDCC with the aid of early warning device installed / improvised. 5. Instruct the BDCC to conduct dissemination of warning, if possible, by house-to-house basis. 6. Announcement of warning alert & information dissemination thru media, radio & press release 7. Medical, search & rescue teams on alert. 8. Close coordination with Red Cross, PNP, BFP & PDSO 9. Close coordination with Red Cross, CDCC staff Team Transpo, Security & other line agencies. 10. Rescue Team Activated. 11. Evacuation operation to the first priorities area with head counts & submit reports. 12. Relief services deployed to evacuation centers & other temporary shelters. |
| | | | Laip Chico | Hips (<2.5 ft.) | CDCC | |
| | | | Pogo Grande | Hips (<2 ft.) | CDCC Operation Team (Warning) | |
| | | | Bacayao Sur | Hips (<2.5 ft.) | | |
| | | | Bacayao Norte | Knee (<1 ft.) | | |
| | | | Tobong | Knee (<1 ft.) | | |
| | | | Salicay | Knee (<1 ft.) | CDCC Staff Team (Communication) | |
| | | | Mangin | Knee (<1 ft.) | CDCC Operation Team (Medical) | |
| | | | Laip Grande | Knee (<2 ft.) | | |
| | | | Pantal | Hips (<2 ft.) | | |
| | | | Herrero Perez | Knee (<1 ft.) | CDCC Operation Team (Rescue) | |
| | | | Pogo Chico | Knee (<2 ft.) | | |
| | | | | | CDCC Operation Team (Evacuation Relief) | |
| | | | | | | |
| | | | | | | |
| 2. ORANGE "GO" | 1. High Tide Forecast 2. Heavy Rain Downpour (within 3 days) 3. Dam Release 4. Neighboring towns are flooded 5. Routes not passable by light vehicles | Rain + High Tide + River Overflow | Laip Chico | Waist (<3 ft.) | CDCC | 1. CDCC on high alert. 2. Recommends declaration of state of calamity for release of calamity fund. 3. Clearing / Monitoring Operations of routes to affected communities 4. Continuous on site flood monitoring on a 24-hour basis & conduct damage, affected elements (people, livelihood, infrastructure) assessment. 5. Medical, search and rescue teams activated. 6. Medical & relief services deployed to city & community evacuation centers. 7. Force evacuation operation to all the affected areas with head counts and update reports. 8. Institute evacuation management at evacuation centers. |
| | | | Pogo Grande | Waist (<3 ft.) | | |
| | | | | | CDCC Operation Team (Warning) | |
| | | | Pantal | Hips (<2.5 ft.) | CDCC Operation Team (Engineering / Damage Control) | |
| | | | Bacayao Sur | Waist (<3 ft.) | | |
| | | | Bacayao Norte | Waist (<3 ft.) | CDCC Operation Team (Medical / Relief) | |
| | | | Tobong | Hips (<2.5 ft.) | | |
| | | | Salicay | Hips (<2.5 ft.) | CDCC Operation Team (Evacuation Relief) | |
| | | | Mangin | Hips (<2.5 ft.) | | |
| | | | Laip Grande | Waist (<3 ft.) | | |
| | | | Herrero Perez | Hips (<2.5 ft.) | | |
| | | | Pogo Chico | Hips (<2.5 ft.) | | |
| | | | Mayombo | Hips (<2.5 ft.) | | |
| | | | Carangan | Hips (<2.5 ft.) | | |
| | | | Tapac | Hips (<2.5 ft.) | | |
| 2. RED | 1. Super Typhoon 2. High Tide Forecast 3. Heavy Rain Downpour (continuous) 4. Dam Release 5. Neighboring towns are flooded | Typhoon Rain + Dam Release + High Tide | Bohayan | Hips (<2.5 ft.) | | 1. Declares State of Calamity 2. Implementation of emergency evacuation plan. 3. Full evacuation operation to all the affected areas with head counts and update reports. |
| | | | Mamalingling | Hips (<2.5 ft.) | | |
| | | | Tambac | Hips (<2.5 ft.) | | |
| | | | Barangay IV | Knee (<1.5 ft.) | | |
| | | | Poblacion Oeste | Knee (<1.5 ft.) | | |
| | | | Lucas | Knee (<1.5 ft.) | | |
| | | | | | RDCC Takeover, Civil Defense | |
| | | | City-wide (31 barangays) | | | |
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Program for Hydro-Meteorological Disaster Mitigation in Secondary Cities in Asia

PROMISE

Building Resilient Communities Against Disasters

What is PROJECT PROMISE?

Great lives and great deeds helped shaped the destiny of Dagupan City many years ago. History will tell us that the devastation wrought by the July 16, 1990 earthquake is so far unequalled in deaths, property damage and psychological shock. Today we cannot overestimate the awesome and destructive power of nature.

We have proven wrong cynics who have painted a pall of gloom for Dagupan because the apparent economic displacement of businesses almost brought our city down to its knees. Despite the enormity of lost life and property resulting from the earthquake, the people of Dagupan City emerged from under the rubble relatively unshaken.

What every tragedy teaches us is that we need to understand and prepare the risks involved in disasters. Risk is essential. We cannot sit by and remain idle within what we know is secure and comfortable.

Efforts and courage are not enough without purpose and direction. Thorough planning and preparedness are what enabled Dagupan City to perform and survive so successfully. Our partnership USAID, Asian Disaster Preparedness Center and the Center for Disaster Preparedness made us weather through storms and floods. Effective capacity building has been our strongest weapon in our arsenal.

The people of Dagupan City continue to be grateful to have been chosen as the project site in the Philippines for Project PROMISE which thereafter made the city proactive and more prepared during disasters.



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CAPTIONS FOR THE THREE PHOTOS! CAPTIONS FOR THE THREE PHOTOS! CAPTIONS FOR THE THREE PHOTOS! CAPTIONS FOR THE THREE PHOTOS! CAPTIONS FOR THE THREE PHOTOS! CAPTIONS FOR THE THREE PHOTOS! CAPTIONS FOR THE THREE PHOTOS! CAPTIONS FOR THE THREE PHOTOS! CAPTIONS FOR THE THREE PHOTOS! CAPTIONS FOR THE THREE PHOTOS!



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JANUARY

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DISASTER RISK REDUCTION PAYS

Mangrove and tree planting activities are implemented year-round, in support to Speaker Jose De Venecia's One Billion Trees program, to provide protection to coastal inhabitants from typhoons and storms.

Every peso spent on hazard mitigation generates a larger, future benefit for our people.



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FEBRUARY

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MARCH

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PREPAREDNESS AS A WAY OF LIFE

Undaunted by the challenges involved in mainstreaming disaster risk reduction, Dagupan City will continue to throw its full weight in sustaining a year-round earthquake and fire drills among its population and in developing better approaches and strategies in making disaster preparedness a way of life.



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APRIL

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MAY

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BUILDING COMPETENCIES MINIMIZE IMPACT OF DISASTERS

The strengths and capacities of the people of Dagupan have been continually put to the test these past years by the increasing frequency and the complexity of disastrous events. But through regular skills training, the city is always on its guard to lessen damages when disasters strike.



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JUNE

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JULY

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TRIUMPH OF CIVIC VOLUNTEERISM IN DISASTERS

Dagupan City and various civic organizations come together voluntarily to help carry the load and reduce the suffering of the most vulnerable among us. The volunteer spirit grows with each smile from those we help rise back from every disaster. We are able to carry on because of the volunteer humanitarian spirit residing in us all.



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AUGUST

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SEPTEMBER

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INFORMATION IS POWER

Dagupan's media not only provides a tool for information on preparedness and response but also provides an effective channel for awareness programs. Used effectively, Dagupan City's media have enhanced transparency and accountability of the government in managing disasters, and in doing so increases donor confidence and community respect.



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OCTOBER

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NOVEMBER

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ONE PEOPLE INSPIRED BY ONE GREAT PURPOSE

Dagupan City has a broad base of civil actors and harnessing the efforts and potential of these groups will strengthen local capacity. It prides itself for having a platform for convergence of both civil society groups and government agencies to discuss, share and strengthen common efforts to empower the local community.



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DECEMBER

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