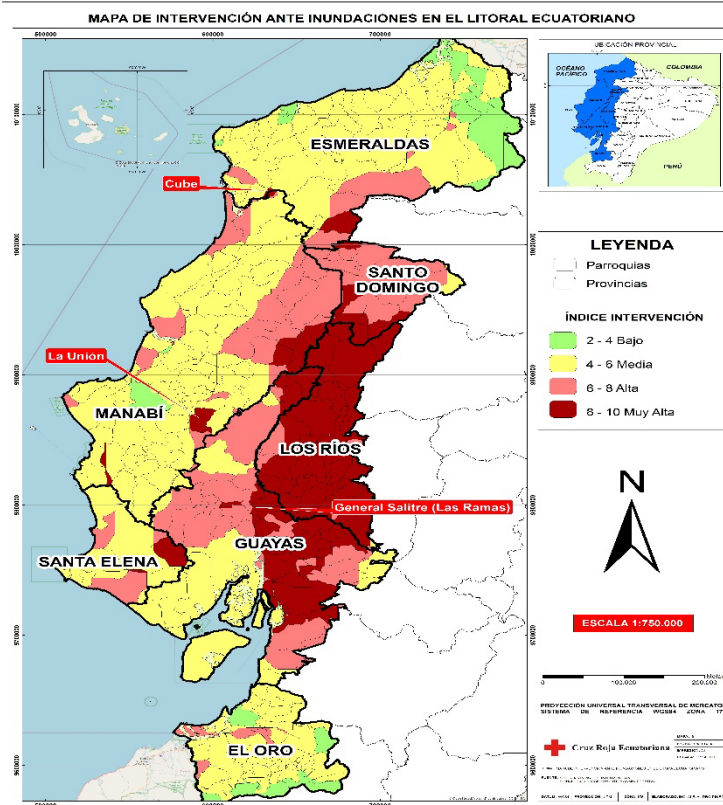




Photo: Ecuadorian Red Cross 2023.

EAP No: EAP2020EC02	Operation No:	Approved by EAP: 11/2020	Revised EAP Schedule: 11/2021- 12/2022
Activation date: 08/2023 (activator 3 months) 11 and 12/2023 (activator 1 month) 02/2024 (activator 5- 7 days)	Deadline for early action: Seasonal forecast: 3 months Sub-seasonal forecast: 1 month Medium-term forecast: 5 - 7 days	Early action deadline: 7 months	

Budget: CHF 249,983
To help: 1,000 families



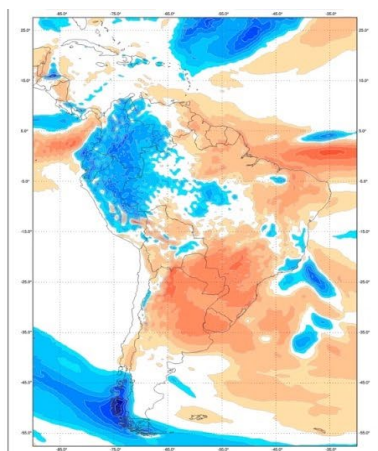
Source: Intervention Map third activator- CRE 2024

Heavy rains generated by the influence of the El Niño phenomenon on the Ecuadorian coast cause rivers to overflow and rapid flooding in vulnerable communities.

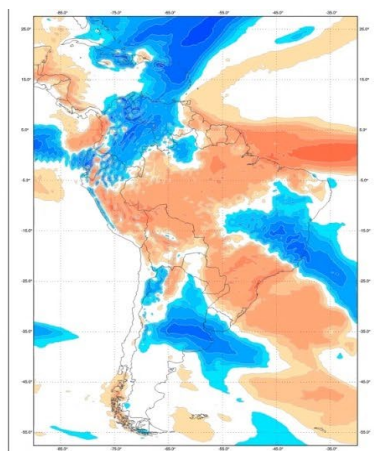
Based on the bulletins issued by the National Committee for the Regional Study of the El Niño Phenomenon (ERFEN), of which the National Institute of Meteorology and Hydrology (INAMHI) and the Oceanographic and Antarctic Institute of the Navy (INOCAR) are part, in reference to forecasts regarding the probability of rainfall from February 01 to 08, 2024, it is estimated that rainfall will remain at the level of moderate to heavy, especially in the provinces of Esmeraldas, Manabí, Santa Elena, Guayas, Santo Domingo de los Tsáchilas, Los Ríos, El Oro) at the coastal region.

This current condition responds to:

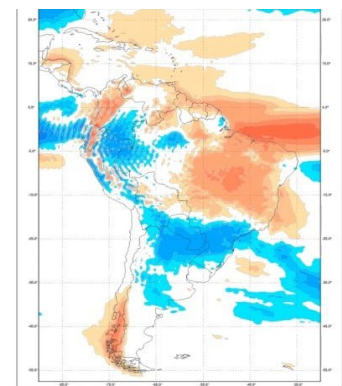
- The high sea surface temperature off the coast of Ecuador (El Niño), region 1 +2, reaches up to 28 °C in some areas.
- The impact of the Intertropical Convergence Zone settling in front of the Ecuadorian coast will be the precursor of very intense rainfall.
- Favorable wind circulation at different levels of the atmosphere.
- The transit of tropical wave Madden Julian in its active phase, an atmospheric coupling that influences the heavy rainfall recorded in the country.
(See Annex 1, ERFEN report).



PRONÓSTICO 29 AL 04 FEBRERO



PRONÓSTICO 05 AL 11 FEBRERO



PRONÓSTICO 12 AL 18 FEBRERO

Instituto Nacional de Meteorología e Hidrología - INAMHI



Source: Rainfall Outlook- INAMHI, February 2024.

According to the analysis of the data issued by INAMHI in their Bulletin No. 8 and No. 9 from February 3 to 11, 2024, the meteorological threat level is high and very high, reaching an estimated daily rainfall greater than 80 mm, indicators that comply with the third trigger (See Annexes 2 and 3, INAMHI Weather Warning Bulletins). It is important to point out that INAMHI no longer issues warnings within 7 days, so warning bulletins are issued 2 to 3 days before rainfall events begin since this period of analysis has a high degree of certainty for high-magnitude events. In this sense, with forecasts of 2 to 3 days, the shutdown mechanism would no longer be used.

Based on the information (flood hazard, response capacity, vulnerability, impact, and meteorological warning) and the intervention map, it can be verified that the areas most affected are:

Provinces	Canton
Emeralds	Quinindé (Cube)
Guayas	Salitre
Manabí	Santa Ana

As these are new sectors to be intervened in, in relation to the 1-month forecast, the following actions will be included for the third 5-7 days forecast:

- Information gathering from families in the sectors below.
- Awareness talks on topics related to Safe Water, Sanitation and Hygiene.
- Rapid market research and analysis (update).
- Definition of the Multipurpose Cash Assistance (MPCA) delivery mechanism (update).
- Awareness talks about CVA.

In the case of the provinces of Los Ríos, Santo Domingo de los Tsáchilas, and Santa Elena, as they are provinces with a very high level of risk, attention and support will be provided through other intervention mechanisms coordinated by the Ecuadorian Red Cross (ERC).


In order to run activities in these areas, operational security criteria will be considered in view of the internal security crisis the country is going through.


Triggers:

- **3 months**, activated in August 2023.
- **1 month**, activated between November and December 2023.
- **Medium term (5 - 7 days)**, activated February 9, 2024.

Early Actions

According to the triggers that have been fulfilled during the implementation of the El Niño Phenomenon EAP, the following anticipatory actions have been implemented:

	Livelihoods and basic needs	Female:	750 people	(CHF) 55,061
		Male:	750 people	
Indicator:		300 families assisted have sufficient income to meet their main needs and protect their household economy before the emergency		
Anticipatory Actions Implemented: Activator 1 month <ul style="list-style-type: none"> - Market research and analysis. - Definition of the MCPA delivery mechanism. - Community training on MCPA. (See Annex 3).				
Anticipatory Actions to be executed: 5- 7 days forecast <ul style="list-style-type: none"> - Deployment of volunteers and technical team to the field to deliver cash through money transfers, under the mechanism of cash withdrawal at ATMs without cards (based on feasibility study results). 				

	Water, Sanitation and Hygiene	Female:	2500 people	(CHF) 113,256
		Male:	2500 people	
Indicator:		1,000 families access to water, sanitation and hygiene supplies		
Anticipatory Actions implemented: 3- months forecast <ol style="list-style-type: none"> 1. Training in Participatory Hygiene and Sanitation Transformation (PHAST) methodology to 39 volunteers from the Litoral provinces. 2. Review, reproduction and pre-positioning of awareness materials. 3. Prepositioning of humanitarian assistance kits in the strategic warehouses of zones 1 and 2. <ul style="list-style-type: none"> • 1450 family cleaning kits • 1000 safe water kits • 2000 mosquito nets • 4 chlorinators 1- month forecast <ol style="list-style-type: none"> 1. Water quality analysis (4 intervened communities) 2. Training and formation of community brigades (PHAST in the 4 communities intervened). 3. Equipping community brigades with awareness-raising material (PHAST). 				
Anticipatory Actions to be executed: 5- 7 days forecast <ol style="list-style-type: none"> 1. Deployment of volunteers and WASH technicians to the territory. 2. Activation of community brigades. 3. Logistics and transportation of humanitarian assistance kits (7 to 5 days) 4. Distribution of safe water, vector control and cleaning kits. 				

Complementary actions to the two main lines of intervention

Anticipatory Actions implemented:

3-months forecast

- Acquisition of personal protective equipment (sweaters, raincoats, boots, and other implements - prepositioned in strategic warehouses).

1-month forecast

- Dissemination of a pocket booklet with EAP key information reaching 21,749 views on ERC's main social network.

Links:

- EAP pocket guide.
[Ecuadorian Red Cross Extreme Rainfall Pocket TAP compressed.pdf](#)
- Videos, key messages
https://youtu.be/QDbEFPXzg_U?feature=shared
<https://twitter.com/cruzrojaecuador/status/1722330646767624254?t=t7CEiFePCfmQ0QIWf8poCA&lang=en>
- Risk analysis, follow-up, and monitoring of the event (update, intervention maps).
Link: https://cruzrojaecuadoriana-my.sharepoint.com/:f:/r/personal/xsampedro_cruzroja_org_ec/Documents/Predicciones%20Meteorol%C3%B3gicas-INAMHI?csf=1&web=1&e=vJqiwu
- Purchase and prepositioning of detergents, disinfectants, and repellents (prepositioned in the strategic warehouse in Guayas Province).
- Preparation and revision of cleaning, safe water, and vector control kits (pre-positioned in the strategic warehouse in Guayas Province).
- Coordination of actions in the intervened sectors with local institutions.

Anticipatory Actions to be executed:

5- 7 days forecast:

- Dissemination of key messages.
- Risk analysis (overflights and photogrammetry)
- Follow-up and monitoring of the event (update of intervention maps).
- Testimony gathering (communication)
- Coordination of actions in the intervened sectors with local institutions.

Contact information:

For more information, specifically related to this transaction, please contact:

At the Ecuadorian Red Cross National Society

- **General Secretary (or equivalent);** Juan Carlos Viscarra, jvizcarra@cruzroja.org.ec.
- **Essential Areas Manager;** Jorge Arteaga, jarteaga@cruzroja.org.ec
- **Operational coordination:** Roger Zambrano, PNGRED National Coordinator, rzambrano@cruzroja.org.ec, +593992437427

At the IFRC

- Head of delegation: Ruben Romero, ruben.romero@ifrc.org
- Operations and Programme Coordinator: Julian Pérez, julian.perez@ifrc.org
- Manager, Operations, Evolving Crisis and Disasters, Maria Martha Tuna, maria.tuna@ifrc.org