



GLOFAS in Action: Following the Forecast to Drive Anticipatory Action in Guatemala

| “Follow the Forecasts”

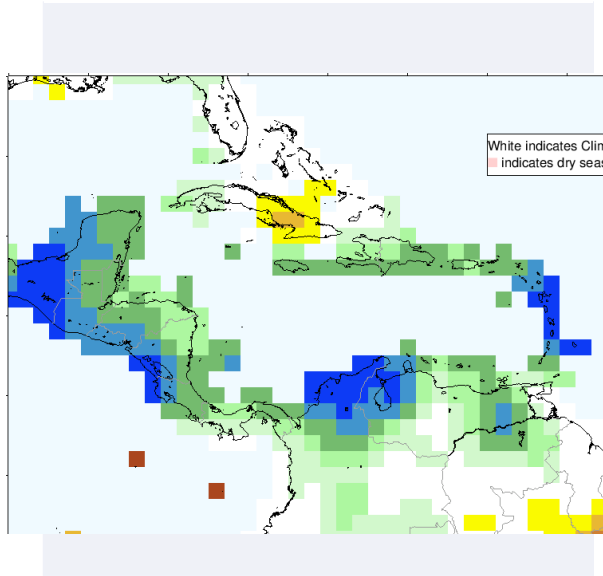
Guatemala



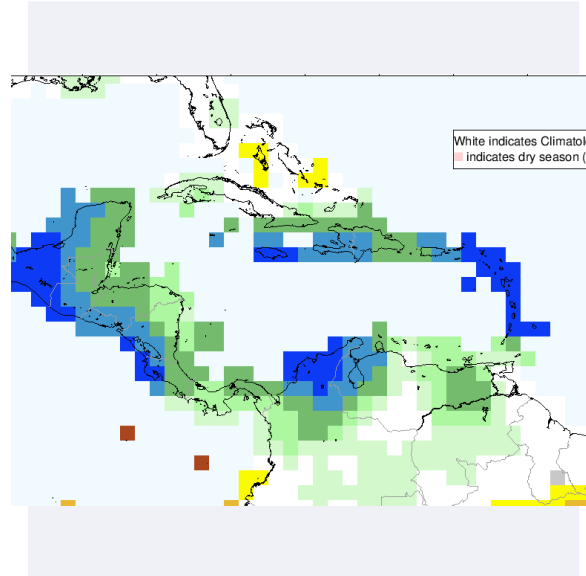
IRI

1. Seasonal Forecasts: June – July - Aug

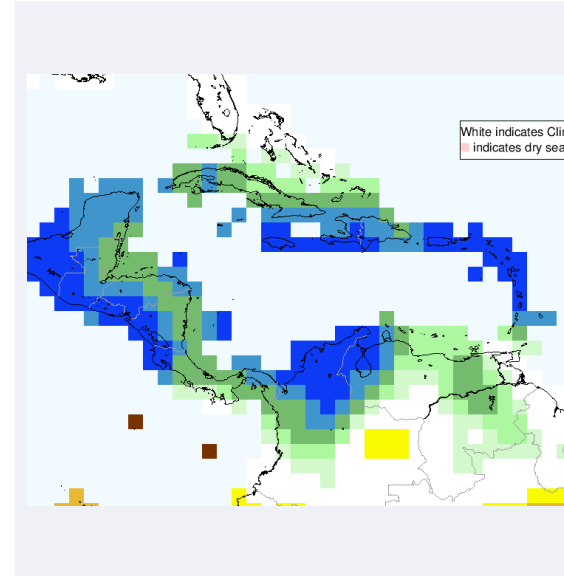
Feb



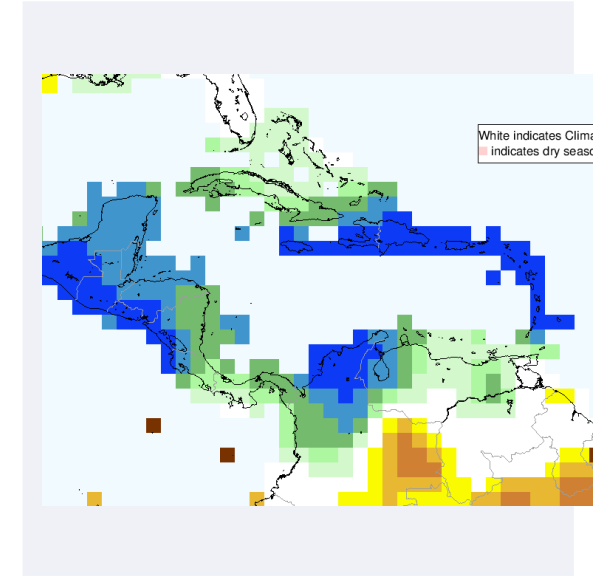
March



April



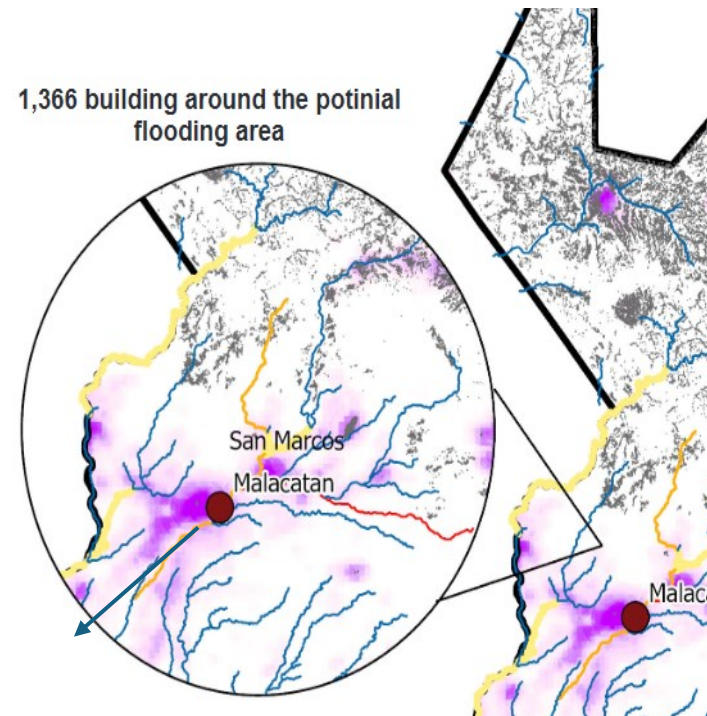
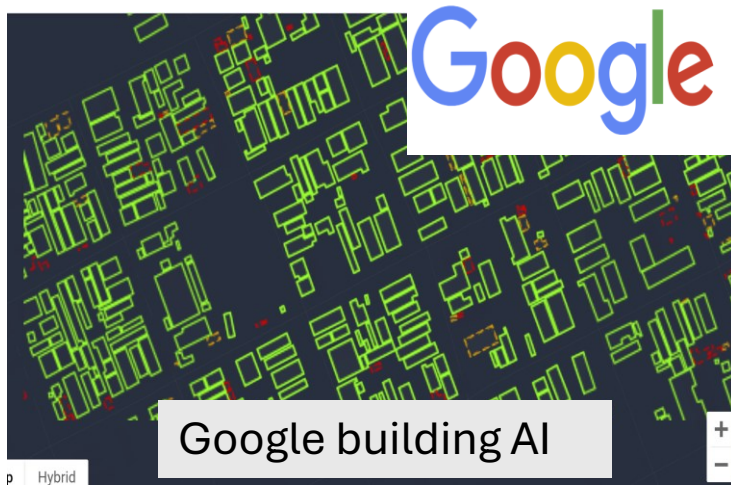
May



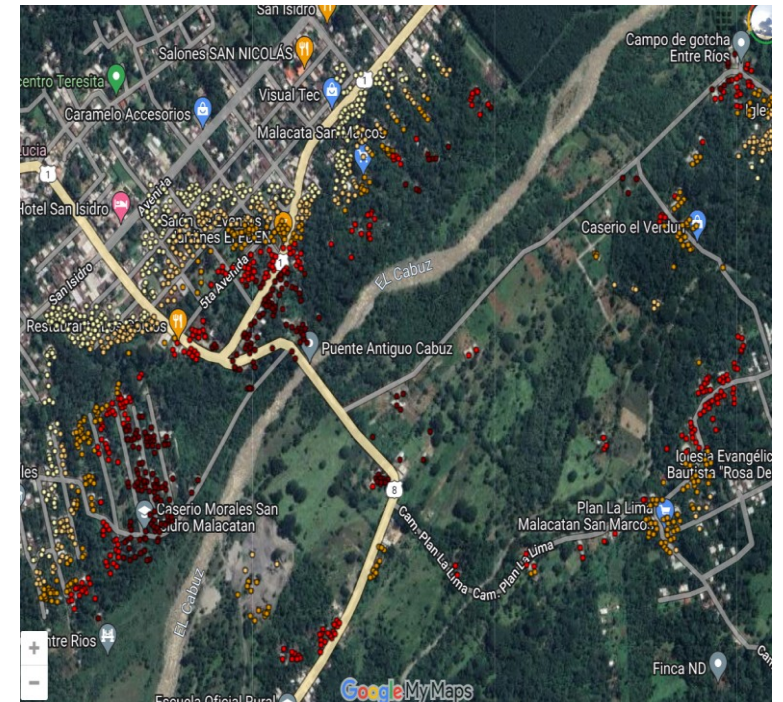
Rapid Contingency Planning

Global Surge Team deployment: 27th May – 14th June

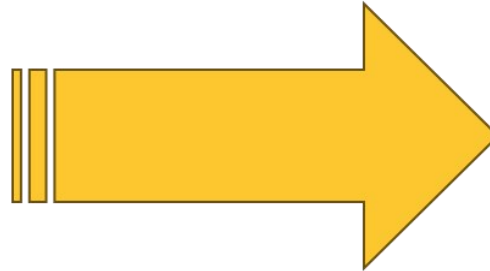
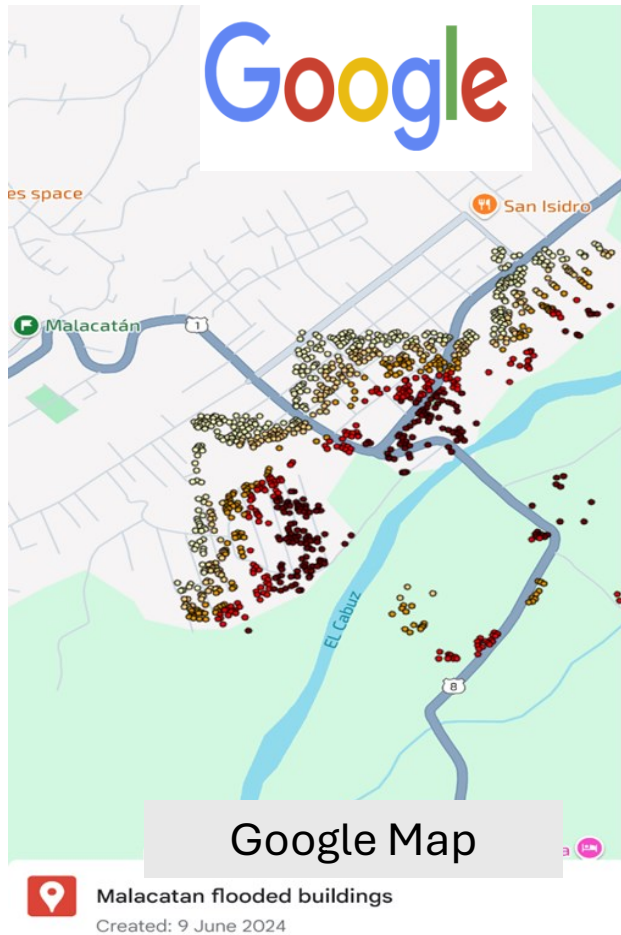
Geographic & Household Targeting: Scientific Knowledges



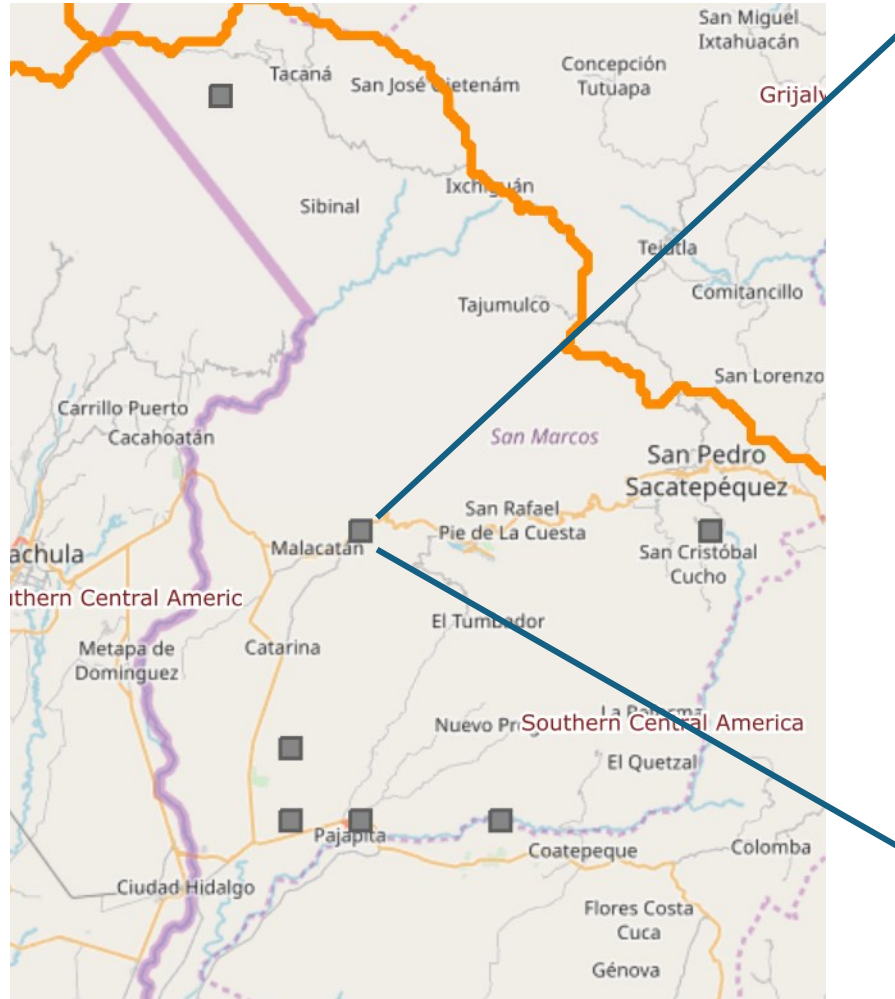
GLOFAS
reporting
point



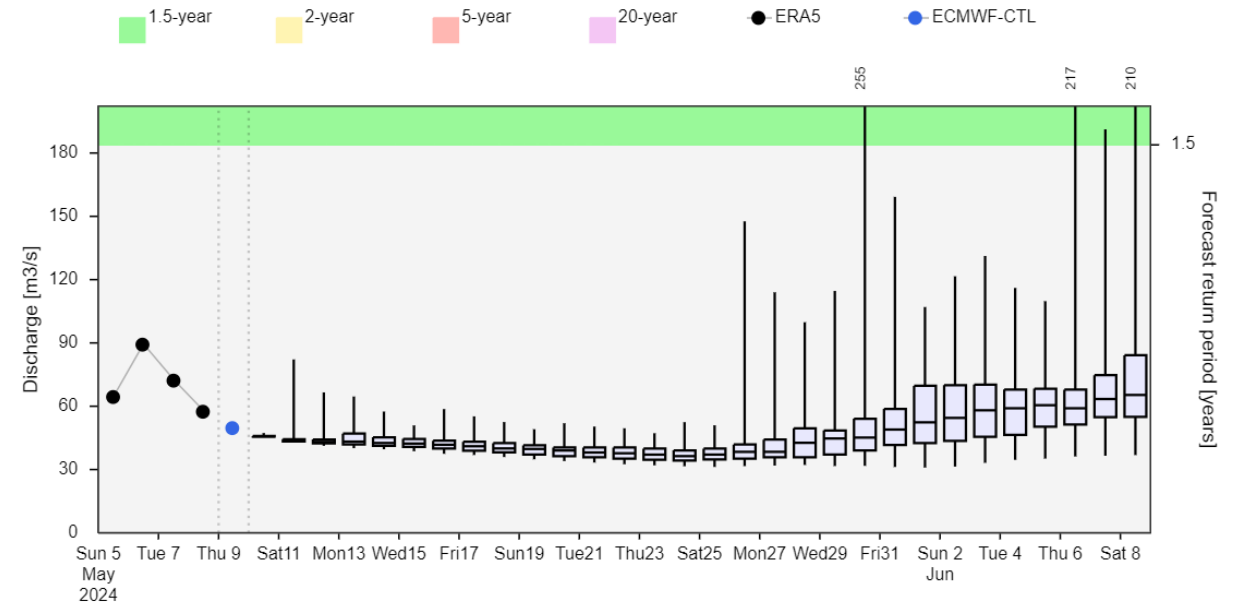
Geographic & Household Targeting



Flood Forecasts: GLOFAS



Discharge Hydrograph (ECMWF-ENS)



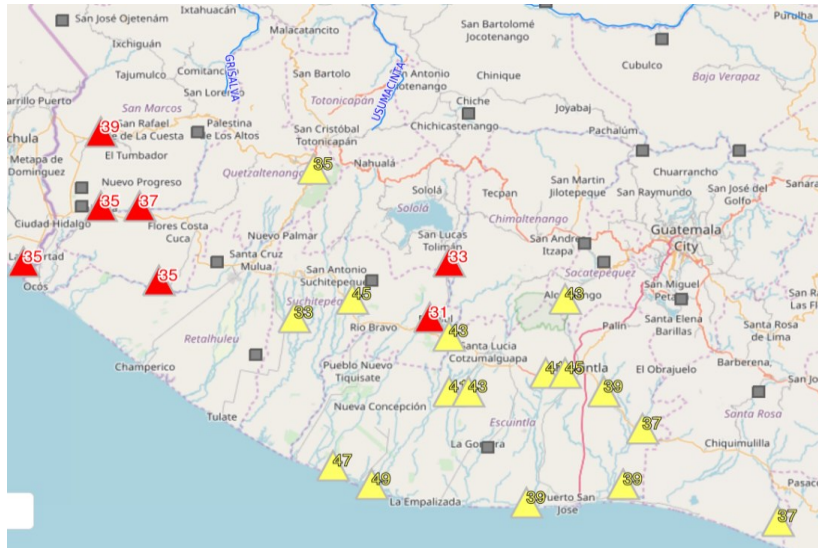
Static Reporting Point = 30 days foresight

Flood Forecast

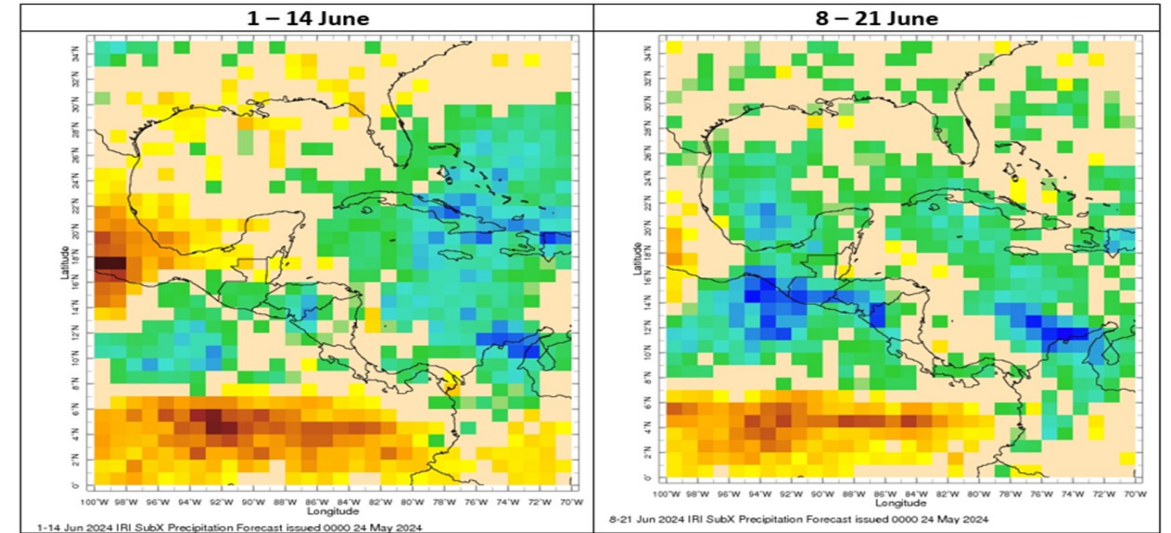
High Risk in late June

Flood Forecast

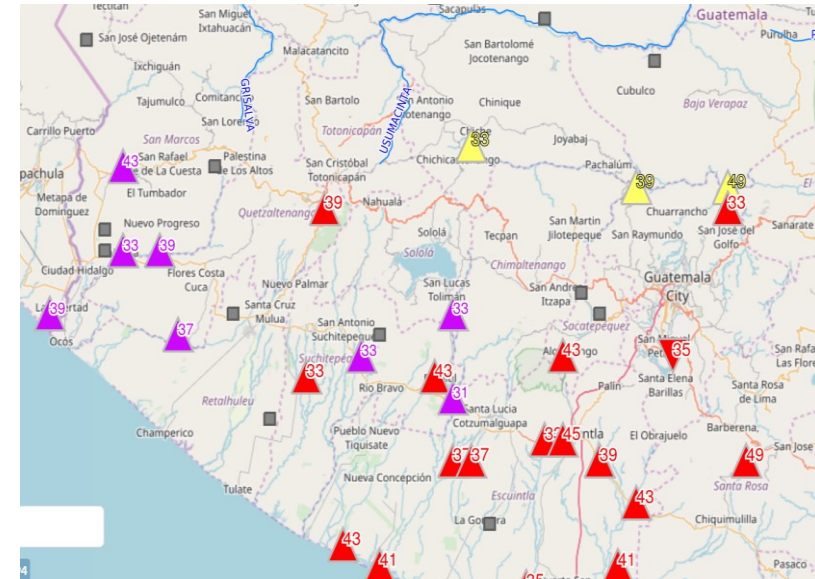
Monday 10th June: 50%



May 20, 2025



Tuesday 11th June: 70% = Trigger

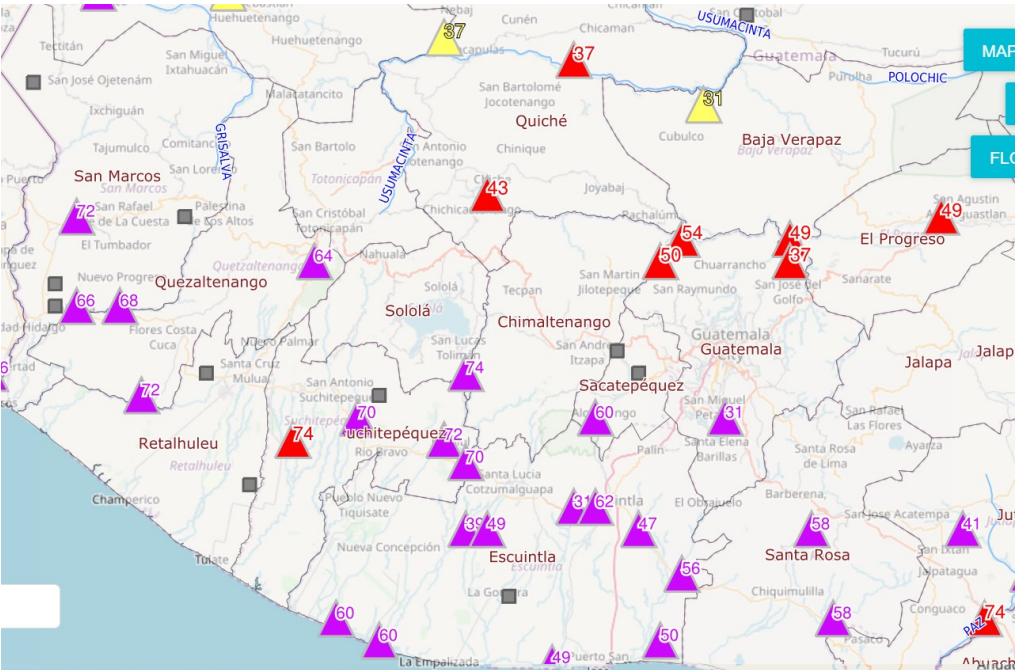


Presentation Title

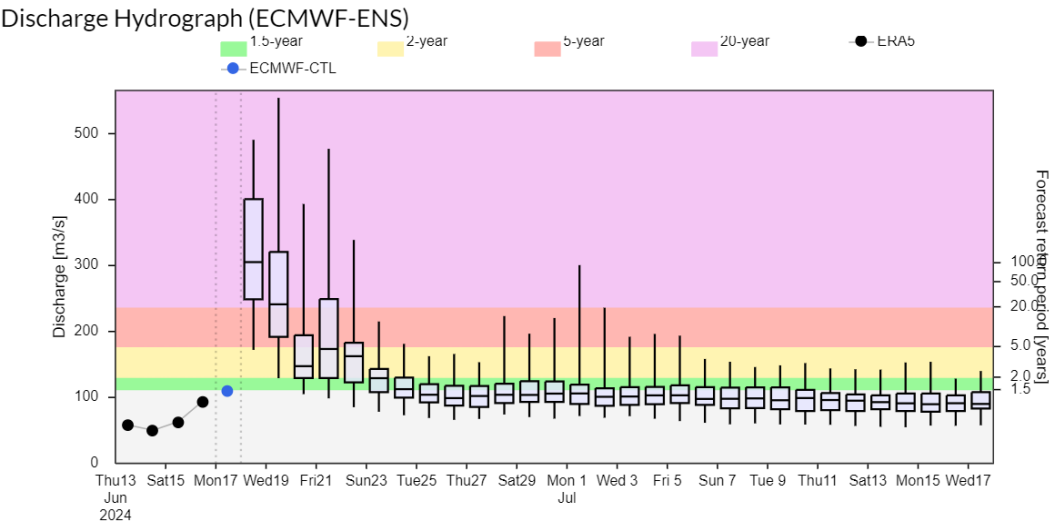
Purple Triangle indicate risk of 1:20 year flood

Flood Forecast

Friday 14th June: 100%
1:20 year flood



Tuesday 18th June

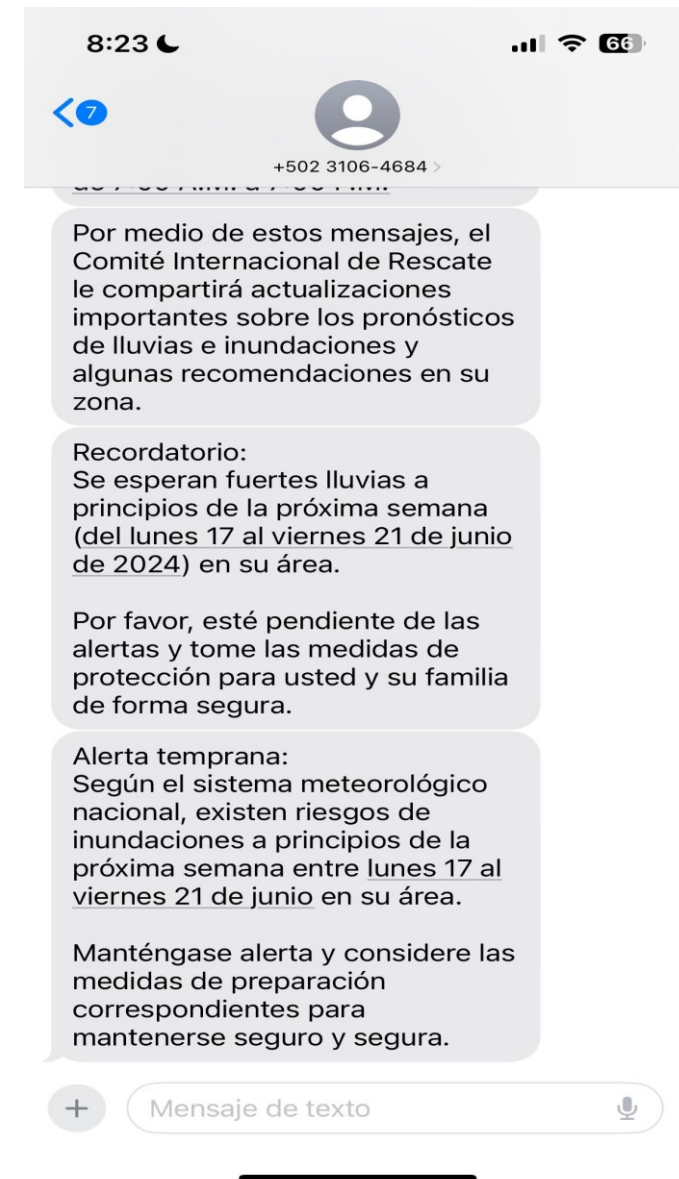


Anticipatory Action: Early Warning

- **SignPost: Digital Platform**

- Flood Risk
- Public Health
- Cash Transfer

CASH Transfers: 292 HH



- The distribution of cash helped build trust in the information regarding potential flooding.



Earth42morrow

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Intense rainfall unleashes flooding nightmare in San Pablo, San Marcos, [#Guatemala](#) washing away homes

VC: EU San Marcos 98.3

[#Flood](#) [#SanMarcos](#) [#Flashflood](#) [#iluvias](#) [#inundacion](#) [#Rain](#) [#Weather](#) [#Viral](#)



FEATURED ARTICLES | SEVERE WEATHER

Heavy rains and landslides hit Central America, claiming 13 lives in El Salvador and Guatemala

By Rishav Kothari • Tuesday, June 18, 2024 •



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Thank you for your time

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