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Information bulletin

Peru: Floods

 International Federation
of Red Cross and Red Crescent Societies

Information Bulletin N° 1	Date of issue: 19 March 2017
Date of disaster: 12 March 2017	Point of contact: Acting Director General Jose Rosales (emergencias@cruzroja.org.pe)
Operation start date: 15 March 2017	Expected timeframe: 6 months
National Society Presence (No. of volunteers, staff, branches): The Peruvian Red Cross has 1 headquarters, 42 branches, and 2,030 volunteers	
Number of people affected: 567,551 people	Number of people to be assisted: To be confirmed
N° of National Societies currently involved in the operation (if available and relevant): American Red Cross, German Red Cross, Spanish Red Cross, the International Federation of Red Cross and Red Crescent Societies (IFRC) and the International Committee of the Red Cross (ICRC)	
N° of other partner organizations involved in the operation (if available and relevant): United Nations Office for the Coordination of Humanitarian Affairs (UN-OCHA), Redhum, National Civil Defence Institute of Peru (INDECI for its acronym in Spanish), Ministry of Interior, Ministry of Defence, Ministry of Health, Ministry of Transportation, Ministry of Women and Development.	

This bulletin is being issued for information only, and reflects the current situation and details available at this time.

The situation

Flooding has had an impact on 24 of Peru's departments at the national level, particularly in the affected zones; currently, 72,115 people's homes have been affected, 62 people have perished and 170 people have been injured¹. Rain continues to fall in various zones in the country, affecting numerous communities, educational centres, 132 km of road, 227 access bridges to main zones, and 22,000 hectares of agriculture. Peru's National Meteorological and Hydrographical Service predicted that the rain in Peru's northern coastal region will continue for the next few days.



Field assessment in Chosica, Lima.
Source: Peruvian Red Cross

¹ INDECI Report from 16 March 2017

Since last weekend, the rainfall, which is above normal values, has primarily affected Peru's northern coast and the department of Lima. Due to the heavy rainfall and the resulting flooding, many people have lost their homes, institutions such as schools and health centres have collapsed; moreover, many roads have suffered damage, making it difficult to transport humanitarian aid to the affected zones.

During this quarter, the first of the rainy season, the Peruvian government declared a state of emergency in affected zones in the following 11 departments: Ica, Lima, Huancavelica, Arequipa, Tumbes, Piura, Lambayeque, Loreto, Ancash, Cajamarca and La Libertad; it also declared a health emergency in 7 of the abovementioned departments: Lambayeque, Piura, Tumbes, Ica, Ancash, Cajamarca and La Libertad².

Meteorological experts have predicted that the coastal el Niño will extend to at least April 2017. In the coming weeks, it is expected that the sea surface temperature (SST) will be between 28°C to 29°C, which means that it is highly probable that there will be heavy rainfall in the coast's middle and lower zones, especially in Tumbes, Piura and Lambayeque; although the probability of heavy rainfall will fall depending upon the period of the rainy season.

Table 1: Preliminary damages and impact caused by the flooding

Location	Rural roads destroyed (km)	Rural roads affected (km)	Roads destroyed (km)	Roads affected (km)	Bridges destroyed	Bridges affected	Irrigation canals affected (km)	Irrigation canals destroyed (km)	Crops affected (ha)	Crops lost (ha)
Dept. Amazonas	2	9	0	0	2	1	0	0	75	7
Dept. Ancash	3	3,090	192	205	11	12	107	12	650	227
Dept. Apurimac	12	10	5	64	3	3	3	1	2,287	1,154
Dept. Arequipa	41	289	221	266	10	43	176	30	2,546	243
Dept. Ayacucho	0	65	1	18	2	1	0	0	124	58
Dept. Cajamarca	17	79	42	883	6	8	8	2	569	1,061
Dept. Cusco	0	0	1	35	2	2	0	0	26	166
Dept. Huancavelica	132	250	91	431	14	31	163	12	269	133
Dept. Huánuco	0	0	0	26	0	4	6	0	115	6
Dept. Ica	92	20	28	412	2	8	410	39	1,494	2,874
Dept. Junin	2	13	5	4	0	3	0	4	27	30
Dept. La Libertad	1	39	10	8	1	3	27	0	2,885	5
Dept. Lambayeque	113	205	29	21	36	14	29	15	391	26
Dept. Lima	49	129	539	565	31	31	158	409	1,448	185
Dept. Loreto	0	2	0	0	0	0	0	0	0	335
Dept. Madre de Dios	0	87	0	1	0	13	0	0	0	49
Dept. Moquegua	8	80	23	157	4	19	77	12	406	26
Dept. Pasco	0	4	6	33	1	12	0	0	375	37
Dept. Piura	235	235	52	268	6	17	117	8	1,226	139
Dept. Puno	0	0	0	6	0	1	0	0	228	0
Dept. San Martín	0	0	0	0	1	0	1	0	0	0
Dept. Tacna	0	2	0	0	0	0	0	0	0	0
Dept. Tumbes	0	80	0	37	0	1	1,262	10	722	250
Dept. Ucayali	0	0	0	32	0	0	0	0	5	41
TOTAL	707	4,688	1,245	3,472	132	227	2,544	554	15,868	7,052

Source: SINPAD-INDECI 16 March 2017 / 18:00 (time)

City of Lima

The Rimac River overflowed its banks in the zone of Carrizales, causing flooding and affecting 28 families. Due to the closure of Ramiro Prialé Avenue, the only way to access the zone was via the Central Road, which was also partially obstructed³.

Around 3 pm on 17 March 2017, the Tambo River Bridge, which connects the districts of Comas and Puente Piedra, collapsed due to an increase in the River Chillón's flow; the bridge collapse affected at least 50 families in the zone. It is important to note that there is not sufficient aid for the municipalities in both districts⁴.

² Source: National Information System for Response and Recovery (SINPAD for its acronym in Spanish)-INDECI 16 March 2017 / 15:10 (time)

³ Basic Information Report – Lima branch

⁴ Andean Agency. Available at: <http://www.andina.com.pe/agencia/noticia-cae-puente-sobre-rio-chillon-comunicaba-comas-y-puente-piedra-658593.aspx>

Ancash

The basic information report, developed by the Peruvian Red Cross' Santa de La Cruz provincial branch, stated that there has been one fatality; moreover, due to river overflows and landslides, 500 families have been displaced, 175,000 homes have been affected and 2,000 homes have been destroyed. Currently, this zone can only be accessed by air⁵.

Huarmey

This area is without electrical services, which means its residents cannot communicate by cellular phone. Land access because the bridge over the Aija Gorge was destroyed. Additionally, the zones of Huayán, San Damián, Tayca, Garlero, Cuscus, Aiyhuay are severely affected; a family is missing in Huayán, and its status is unknown at this time⁶.

Libertad

A landslide was reported along the KM 56 stretch of the Trujillo-Otuzco Road at the Sanme crossing, as well as another one at the Gorge Sector, which have affected road travel.⁷

Arequipa

A pipe ruptured in Charcani in the Tayma district, interrupting the supply of potable water in the districts of Yura, Cerro Colorado, Alto Selva Negra, the high areas of Alto Cayma, Miraflores and Paucarpata. A landslide affected the roads in the district of Pampa Marca and the province of Cotawasi in the early morning hours of 17 March⁸.

Piura

A Peruvian Red Cross team deployed to the Piura department, where it conducted an initial Damage Analysis and Needs Assessment (DANA) with the following results:

- The city of Tambo Grande is 55 minutes (approximately 55 KM) from the city of Piura.

The team visited two communities in Tamba Grande:

- There are 50 affected families in Godofredo García.
- There are 20 affected families in Las Almendras.

Furthermore, 200 families in Tamba Grande need plastic tarpaulins and potable water to the fact that they do not have roofs on their homes because of a severe storm in this area.

The team observed 150 hectares of affected crops; however, the local government will activate its agricultural insurance plan, which is expected to mitigate the impact of the damages.

In the health sector, no cases of dengue have been reported; nevertheless, the team observed an increase in mosquitos, which could cause outbreaks. Finally, the Peruvian Red Cross team noted the presence of gastrointestinal, respiratory and cutaneous diseases.

Access

⁵ Basic Information Report – Santa de la Cruz provincial branch

⁶ Source: INDECI - Huarmey

⁷ Source: INDECI

⁸ Source: INDECI - Arequipa

Access is unaffected from Piura to Tamba Grande; however, since the communication lines between Piura and Chiclayo are currently down, alternative land routes to reach Piura are being explored.

Lastly, the Peruvian Red Cross' disaster risk manager received Word that the Casma branch is requesting support due to heavy rainfall in that zone.

Red Cross and Red Crescent action

The Lima branch conducted a preliminary damage assessment in Carapongo and developed a list of the needed supplies for the zone⁹.

The Santa branch in Ancash also carried a preliminary damage assessment, in which it described the zone's context, provided timely data on the affected people and interrupted services and offered a proposal for resolving the situation¹⁰.

The Huarmey branch was affected by the flooding, rendering it inactive; consequently, it is not currently developing a DANA. However, it has communicated that it has the following volunteers¹¹:

- 20 trained in first aid
- 2 trained in Vulnerability and Capacity Assessment (VCA)
- 2 trained in pre-hospital care in violent situations
- 3 trained in the Participatory Hygiene and Sanitation Transformation (PHAST) methodology

Five National Intervention Team (NIT) members are working on the development of a DANA the Chiclayo branch.

The Chimbote branch has 30 active volunteers:

- 30 trained in first aid
- 30 trained in the family prevention module
- 1 trained in livelihoods

It is not possible to access the zones of San Jacinto and Tambo Real because the branches in these areas do not have vehicles and the access road is muddy and in disrepair; only Santa can be accessed.

The IFRC regional integrated programmes coordinator for the Andean countries office, the Peruvian Red Cross' legal advisor and a representative from the ICRC participated in a meeting convened by the Humanitarian Network to plan the humanitarian aid activities, which will be conducted jointly with other organizations.

The IFRC has mobilized a general Regional Intervention Team (RIT) member, who is supporting the development of the assessments in Lima, and it deployed its disaster manager for South America to the affected zones to support the assessment actions and the development of a plan of action. Also a WASH RIT from the Colombian Red Cross Society. The American Red Cross has also joined the team. At present, damage and needs assessments are taking place in order to establish the scope and the main lines of action for response efforts. Based on further assessment information, an Emergency Appeal is planned if required. A [dashboard](#) is online for information sharing.

The regional office for the Americas (ARO) is coordinating the delivery of relief items from Panama (1,400 plastic tarpaulins and kitchen kits, which are expected to arrive in Callao, Peru on 27 March 2017).

The National Society, with the ICRC's support, deployed its restoring family links (RFL) staff member to the department of Piura, with the objectives of: i) assessing the affected population's RFL needs,

⁹ Basic Information Report – Lima branch

¹⁰ Basic Information Report– Santa de la Cruz provincial branch

¹¹ INDECI – Huarmey

particularly among the most vulnerable people or groups ii) conducting an operational training session in RFL for Piura branch's volunteers iii) providing immediate RFL services to re-establish contact among the affected people and their families in zones where communications were interrupted.

Contact information

For further information specifically related to this operation please contact:

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How we work

All IFRC assistance seeks to adhere to the Code of Conduct for the International Red Cross and Red Crescent Movement and Non-Governmental Organizations (NGOs) in Disaster Relief and the Humanitarian Charter and Minimum Standards in Disaster Response (Sphere) in delivering assistance to the most vulnerable.

The IFRC's vision is to inspire, encourage, facilitate and promote at all times all forms of humanitarian activities by National Societies, with a view to preventing and alleviating human suffering, and thereby contributing to the maintenance and promotion of human dignity and peace in the world.

The IFRC's work is guided by Strategy 2020 which puts forward three strategic aims:

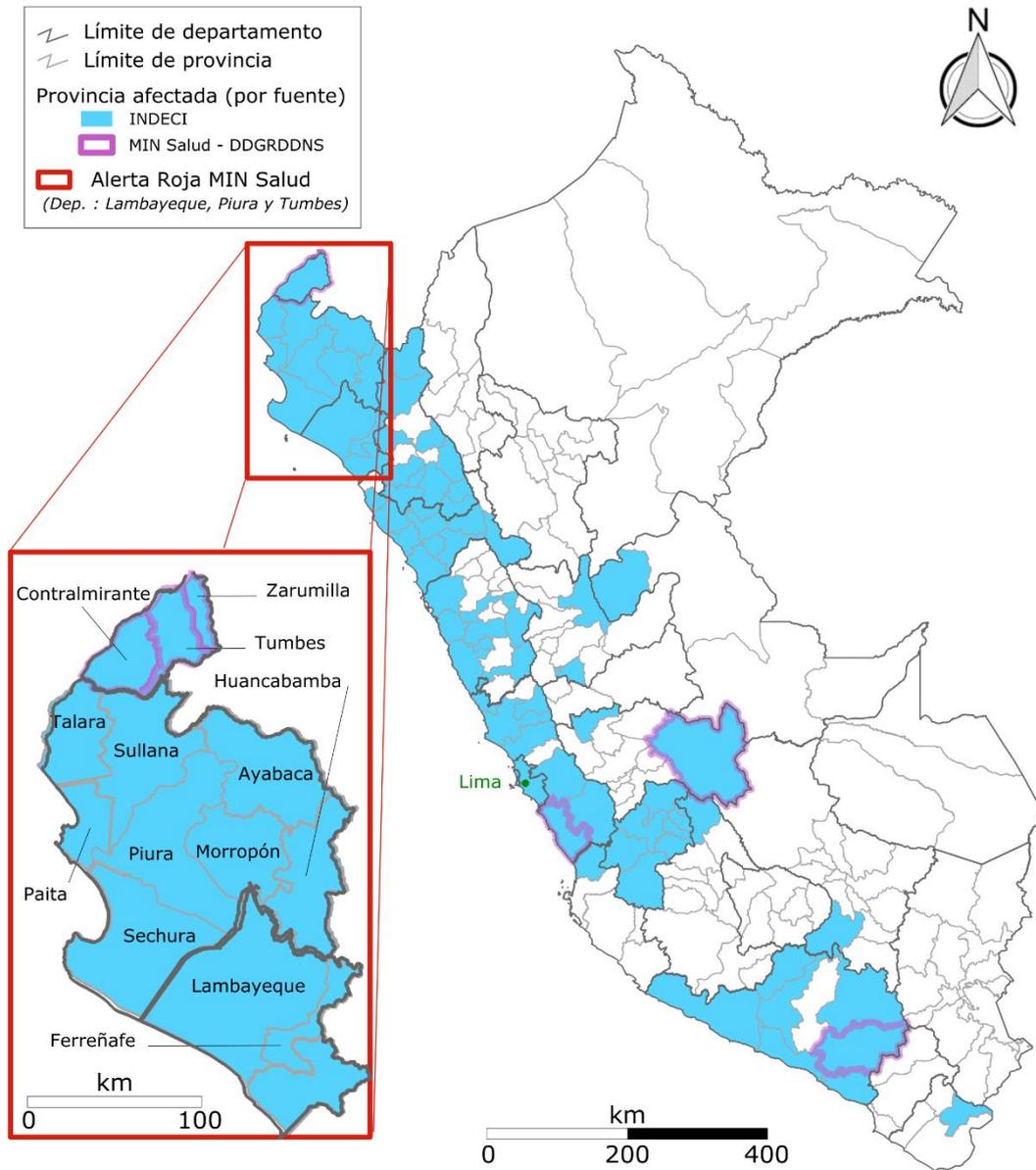
1. Save lives, protect livelihoods, and strengthen recovery from disaster and crises.
2. Enable healthy and safe living.
3. Promote social inclusion and a culture of non-violence and peace.



ANNEX 1: Map of affected areas

Date: 17 March 2017

Provincias afectadas - 17/03/2017



El mapa y los datos usados no representan ninguna opinión por parte de la Cruz Roja Peruana o de la FICR