

Hurricane Ian Response

Resident Coordinator's Office Situation Report No. 06

(October 2nd, 2022)



This report has been prepared by the Office of the United Nations Resident Coordinator in Cuba. It covers the period from 12:00 noon on September 30 to 12:00 noon on October 2nd (local time).

Summary

- Six days after the passage of hurricane Ian, 95% of Pinar del Río is still without electricity and it could take 15 to 20 days to reestablish the service for the whole territory.
- More than 100,000 houses have been damaged in the province, which represents about 60% of its housing stock. Six days after the passage of hurricane Ian, 95% of Pinar del Río is still without electricity and it could take 15 to 20 days to reestablish the service for the whole territory.
- It is known that, of the number of people in evacuation centers in Pinar del Río, at least 228 families remain without the minimum conditions to returning to their homes.
- Serious impacts on the most important fishing company in the country, responsible for 70% of national production.
- More than 400,000 people in Havana were affected in terms of water supply.
- The government will assume 50% of the costs of construction materials, tanks and mattresses to be delivered to the victims from the state budget. Credits and subsidies will be provided to the most vulnerable sectors.



+100 000

Housing affected, 60%
of Pinar del Río's
housing fund.

Overview of the situation

As the quantification of damages progresses, the devastating impacts of Ian on western Cuba, especially in the province of Pinar del Río, become more evident. More than 100,000 homes were affected, and many of them total collapsed. Instead of decreasing, the number of people in evacuation centers is increasing as more people take temporary shelter in the homes of relatives and friends.

In addition to the economic losses reported in the agricultural, poultry, and pork sectors, there are also quantified losses in the fishing sector. The impacts are serious in the country's most important fishing company, responsible for 70% of the national production and the commercialization of lobster, among other relevant species for export.

The press underscores the devastating blow to the tobacco sector, not only because of the 90% crop losses in the 12,000 tobacco farms, but also because most of the workers in the sector are among those severely affected, and the destruction of crops causes them to lose their source of income, in the short and medium term, depending on the recovery time of the plantations.

In the telecommunications sector, more than 100,000 fixed services have been interrupted, representing 15% of the telephone lines in the five provinces affected by the meteor. So far, 40% of the total number of radio bases and 7% of the telephone services in the country are still affected, the re-establishment of which is delayed due to the national energy situation.

The situation in Pinar del Río continues to be very complex, where only 4% of those affected in residential areas and priority social service institutions such as hospitals and polyclinics have electricity. Around 60% of service customers in Artemisa are still without service.

Humanitarian Response

National Authorities

The Council of Ministers announced that 50% of the prices of construction materials, water tanks, and mattresses to be sold to the affected population will be covered by the State budget. Bank loans or subsidies will also be granted to people whose income is insufficient to pay for the afore mentioned supplies.

Authorities indicated a strategy of "one hundred intensive days of work" to speed up the recovery of housing with significant support in construction materials and 170,000 cubic meters of wood. Municipal offices are already attending to the affected families to diagnose the damage in detail and allocate resources.

In Havana, work is underway to restore water service to 422,000 people, 60% of them in the municipalities of Boyeros and Arroyo Naranjo. Piped water service is maintained in socioeconomic centers and other prioritized destinations.

The country's capital has 94% of the electric service reestablished, while in the case of Artemisa the figure is around 40% of the clients.

The Cuban Telecommunications Company (ETECSA) extended the date for payment of telephone bills and Internet services. A la ayuda procedente de México y Venezuela, se suman grupos de solidaridad de Francia, Colombia, Uruguay y Estados Unidos, que han habilitado cuentas para la recolección de fondos destinada a los damnificados.

The largest number of evacuees is concentrated in Pinar del Río, where 228 families in evacuation centers are unable to return to their homes.

Province	Number of evacuated people
Pinar del Río	<ul style="list-style-type: none"> • 1959 people in homes of family and friends. • 228 families in evacuation centers, unable to return to their homes.
La Habana	<ul style="list-style-type: none"> • 148 people evacuated (in family homes and evacuation centers).
Mayabeque	<ul style="list-style-type: none"> • 51 people, in a family home.
Artemisa	<ul style="list-style-type: none"> • 86 evacuees

Sectors



Affectations/ Needs

Pinar del Río

- Damages in the public health sector severely impacted by Hurricane Ian continue to be counted.
- In the municipality of Guane, the president of the economic group of the Municipal Defense Council reported that 9 health institutions suffered structural damage, including 8 family medicine offices.
- In the town of Puerto Esperanza, 4 medical offices have suffered structural damage, as well as the medical post. The pharmacy has a total roof collapse. However, it has the basic equipment and medicines to attend to any emergency.

Artemisa

- Damage was caused to 15 family medicine offices, 3 polyclinics (carpentry and roofing), 2 rehabilitation rooms, 11 pharmacies, the Home for the Elderly in the municipality of Artemisa, the Comandante Ciro Redondo Hospital, the Neonatology Ward of the Iván Portuondo Hospital in the municipality of San Antonio de Los Baños, and the glassware of the Comandante Pinares Hospital in the municipality of San Cristóbal.
- The management of the Mother and Child Program communicated its needs to the United Nations Population Fund (UNFPA). Work is being carried out to accompany the response with supplies and medicines to support childbirth care and its complications, and family planning services.

Response

- Outpatient appointments at the Abel Santamaría hospital will be gradually reestablished as inter-municipal transportation and access to the communities are restored.
- Progress is being made in the unblocking of the main access roads to the health centers.
- In San Luis, the 16 family medicine offices that were not affected are providing services.
- Food and water supply services are guaranteed in the José Luis Tassende evacuation center (La Coloma, Pinar del Río), where 96 children, a teenage pregnant woman, 3 pregnant women, and a

bedridden elderly woman are concentrated, as well as elderly people and more than 20 people in vulnerable conditions.

- In La Coloma, the Integrated Medical Emergency System of Pinar del Río remains active for the transfer of patients with pathologies requiring hospitalization.
- Electrical service has been provided to the circuit that includes the León Cuervo Rubio Surgical Clinical Hospital in the municipality of Pinar del Río.

PAHO/WHO-UNFPA

- A PAHO donation of more than 8 tons was delivered to the Abel Santamaría Provincial Hospital in Pinar del Río, consisting of 92 emergency response modules with disposable material, medicines, disinfectants, anesthetics, gloves, sutures, equipment, and basic devices for patient care. The contribution also includes a hurricane response kit with supplies for the health sector and field medical backpacks for the first level of care.
- UNFPA is also working with the Maternal and Child Care Program, Pro Salud and the National Center for STI and HIV Prevention to provide support for sexual and reproductive health care in the most affected municipalities.
- UNFPA is working with Prosalud and the National Center for STI and HIV Prevention to identify the needs of people living with HIV.



Food Security

Affectations/ Needs

In addition to the 8,583 hectares of crops affected, and the damage to the poultry and swine sectors, there is now considerable damage to the fishing sector, mainly to the company responsible for 70% of national fish production.

Pinar del Río

- At Empresa Pesquera EPICOL, in the town of La Coloma, severe flooding, and damage to warehouses, canneries, the ice plant, electrical boards, and laboratories are reported. The sea swept away about a dozen boats and left several with damaged awnings and engines.
- Damage to poultry farming is considerable, with 159 vessels damaged (75%).
- Most of the banana crop is on the ground, and the rice farms in Los Palacios also felt the force of the sea.

Response

- In the affected territories, points of sale of processed food are established with the participation of workplaces and other facilities, such as extra-hotel services and self-employed workers.
- At the governmental level it has been indicated that:
 - Everything that is allocated for the feeding of the population must be controlled or regulated.
 - In everything to be distributed, prioritize vulnerable people (children, the elderly, and pregnant women).
 - International donations of food modules should be delivered as quickly as possible.
 - Prioritize delivery to the most affected areas of harvested crops.

- Self-employed workers and Mypimes delivered food in San Luis and other places in Pinar del Rio province (5 tons of chicken, 1 ton of chorizo Bravo mince, 1200 liters of edible oil, 100 boxes of rice, 50 boxes of beans, 100 boxes of powdered milk, chocolate).

Pinar del Río

- A donation of 229 tons of grain at a rate of 1 kg per kernel and double to vulnerable cases are expected to be distributed after October 6.
- We will receive 21,700 liters of oil at a rate of one liter per household.
- Two cans of sardines will be distributed per family nucleus; three pounds of rice in addition to the standard quota and canned meat.
- Pregnant women in the municipality of Pinar del Río will benefit from double delivery.
- 1,100 tons of potatoes are about to arrive in the territory.
- The sale will begin in the municipality of Pinar del Río as of tomorrow. San Luis and San Juan will be prioritized later.
- The territory's executives informed us that there is coverage of flour to produce cookies. The cookie factory is producing 24 hours a day so that in cases where bread cannot be produced, it can be substituted by the same.
- Food is being marketed in 141 units in the province at reasonable prices.
- The distribution of charcoal is being expedited since only 10 tons have been sold to the population out of more than 100 that have been delivered.
- In the case of food distribution, all the work centers with the conditions to carry out this task are added to the cooking and sale. Yesterday 8000 food rations were sold.
- Already today will begin the sale and distribution of milk to customers who consume this food.
- The basic food basket is beginning to be distributed, although slowly, due to labor force limitations,
- 2,680 new liquefied petroleum gas cylinders will be available for sale to the population this Saturday. For this purpose, it was indicated to open other distribution sites. And to be able to satisfy the 74 thousand customers in both modalities.

FAO and WFP

WFP has confirmed with the Government the start of immediate food assistance with the delivery of rice, beans, and oil to the entire population of the municipalities most affected by Hurricane Ian in Pinar del Rio, Artemisa, Mayabeque, and La Isla de la Juventud, and vulnerable groups in the second most affected municipalities. This response operation also includes supplies to ensure the preservation and preparation of food, such as mobile warehouses, kitchen kits, pallets, tents, and lighting towers.



Water, Sanitation and Hygiene

Affectations/Needs

Water supply difficulties persist in Pinar del Río and Artemisa; in Artemisa, the municipality of Güira de Melena has the worst water supply situation; the issue is also a concern in Candelaria and San Cristóbal. The situation is also complex in Havana, where water shortages affect at least 400,000 people.

Pinar del Río:

- 546 families are evacuated in state-run centers in need of hygiene products.
- In Los Palacios, water pumping was interrupted due to a lack of fuel at three key points.
- In La Palma (head municipality), the generator that provides electricity for water pumping is broken.

La Habana

- 24 water supply equipment to be reestablished. 29 pumping equipment not available.

Response

The President of the National Defense Council and President of the Republic of Cuba indicated:

- To increase the capacity of loaders in the aqueducts for the pipes, to accelerate their filling so that they can make trips several times a day.
- To use all the pipes available in the territories, the specialized ones, but also others that are available, as was done in Mayabeque, where those used to distribute other products were sanitized and used to serve water.
- Install tanks with taps on flatbed trucks for the distribution of water to the communities.
- Create water supply points in the communities with tanks or other surface or underground reservoirs.

By provinces:

Pinar del Río:

- Sanitation work is progressing in all the municipalities of Pinar del Río.
- Local production of construction materials for the manufacture of water storage tanks will be promoted.
- Sodium hypochlorite was made available in the entire network of pharmacies with coverage for 15 days.
- Regarding the water supply to the city of Pinar del Río, it is reported that 20 tanker trucks arrived in the province to support the water service in pipes, which makes a total of 48. In addition, four pumps were received, and high-pressure trucks arrived in the province to deal with obstructions and maintenance brigades to work on the leaks.
- In the Hermanos Cruz district of Pinar del Río, 21 plastic tanks with a capacity of 1,500 liters are installed in multi-family buildings. More than 1,000 plastic tanks of 200-liter were sent to the municipalities.
- The country assigned Artemisa 40 water tanks of 800 and 1,000 liters which will be placed in trucks or at fixed points of easy access, which will allow supplying a greater number of inhabitants, especially in the municipalities of San Cristóbal, Alquizar, Bauta, Caimito, and Güira de Melena.
- Some 72 chainsaw operators and 52 assistants from the Agroforestry Business Group of the Ministry of Agriculture have been distributed in brigades to cut and prune trees in areas along the National Highway and the municipalities of Havana (Diez de Octubre, Plaza de la Revolución, and La Lisa), Artemisa, Pinar del Río and the Special Municipality of Isla de la Juventud. They also undertake cleaning in the territories, including ditches and roads.

Artemisa:

- The country assigned to the province 40 water tanks of 800 and 1,000 liters which will be placed in trucks or at fixed points of easy access, which will allow supplying a greater number of inhabitants, especially in San Cristóbal, Alquizar, Bauta, Caimito, and Güira de Melena.
- Almost 40 percent of the electric service has been restored, which has enabled pumping to be activated in several supply sources.

UNICEF

- UNICEF, in coordination with national authorities, has made available critical prepositioned items that will allow for initial response in terms of water, hygiene, and sanitation: 12,755 10-liter water storage tanks that will benefit 6,376 families and 478 kits that, if necessary, will guarantee basic hygiene conditions for 2,390 families.
As part of the response of the United Nations System, a water treatment plant will be made available to reach 5,000 people with drinking water and sanitation services to respond to more immediate needs in the most affected areas.



Early Recovery and Housing

Affectations/Needs

Pinar del Río:

Housing:

- - More than 100,000 homes are estimated to be affected in some way, which constitutes 60 percent of the housing stock.

Electric service:

- Barely 5 percent availability of electric service. It is estimated that full recovery could take between 15 and 20 days.
- 420 poles down, 106 km of conductor lines, 556 transformers.

Telecommunications:

- 21281 telecommunications service lines were affected, representing 23, 72 % of those available in the province.
- 8 percent of the municipality of San Juan y Martínez receives water through the aqueduct system; the rest of the province distributes water through pipes and by using generators for pumping.

Livelihoods

- 95 percent of 12,500 tobacco-growing houses were damaged. About 11,000 tons of tobacco were wetted.

La Habana:

1000 homes were affected. 129 partial landslides, and 39 total landslides. Municipalities most affected: Boyeros (142); San Miguel del Padrón (104); Arroyo naranjo (82), Cotorro (75).

Artemisa:

- San Cristobal: 1900 homes affected and 21 warehouses.
- Water service was affected due to the unavailability of pumping. Urban centers of the municipalities already have services.

Isla de la Juventud

- 359 homes were affected. 18 temporary facilities suffered landslides.
- 97 percent of mobile telephony recovered.
- Water supply continues to be affected in the city of Nueva Gerona.

Infrastructure

- It affected 40% of the radio bases and 7% of telephone services in Cuba. More than 100 thousand fixed services were damaged, 15% of the total telephone lines in the affected provinces.

Response

The Council of Ministers approved the coverage of 50 percent of the cost of repairing the homes of those affected.

Pinar del Río:

- 24 thousand roof tiles were released for distribution in Pinar del Río.
- Priority is given to electricity generation in the water distribution and pumping systems. Some emergency generators have been taken out of operation due to fire and lack of fuel. 120 new batteries to be incorporated into recovery islands.
- Procedures for requesting and delivering resources to affected families are being expedited. Evacuated families are prioritized. Training is being developed to process information expeditiously with greater difficulties in accessing water services.
- 1000 plastic tanks distributed in other municipalities.
- 2,680 liquefied gas cylinders for all 74,000 customers were distributed on Saturday.
- Fixed mobile telephony recovered to 77% and fixed telephony to 35%.

Artemisa

- 40 tanks of 800 and 1,000 mobile liters are located at easily accessible points.
- Almost 40% of the electric service recovered.

Isla de la Juventud:

- 300 covers delivered.

UNDP and IOM

UNDP

- 5,790 pre-positioned tarpaulins were made available to the government to support the affected areas.



Education

Affectations/Needs

- The Ministry of Education and authorities of the affected provinces continue with the detailed assessment of damages to educational institutions.
- In a more detailed evaluation, educational authorities of Pinar del Río reported that more than 80% of the schools in the province were affected by Hurricane Ian; of these, 396 schools suffered considerable damage, about 53% of those in the territory. Damages are concentrated in carpentry and roofs (detachment of blankets and loss of light roofs), which require a total of 81,000 m² of waterproofing blankets. San Luis, San Juan y Martínez, Pinar del Río, Viñales, Minas de Matahambre, La Palma, and Consolación del Sur are the most affected areas.
- In Pinar del Río, more than 2,000 teachers have had their homes affected.

Response:

- The Ministry of Education announced that more than 564 thousand students in the provinces of Artemisa, Havana, Mayabeque, Matanzas, and the special municipality of Isla de la Juventud will restart classes on Monday, October 3.
- Educational authorities also announced that on Tuesday, October 4, 280 schools in Pinar del Río that have the conditions to open their classrooms are expected to reopen. In the case of the affected schools, alternatives are being sought to resume teaching in the shortest possible time, which includes the provision of temporary classrooms in nearby houses or work centers with the necessary conditions, until the damaged educational centers are rehabilitated.

UNICEF

We have a prepositioning for the immediate support of:

1. 6,000 m² of waterproofing blankets for the rehabilitation of roofs of educational centers.
2. 140 school material kits (to benefit 5,600 children between 6 and 18 years of age).
3. 154 recreation kits (to benefit 13,860 children between 6 and 18 years of age).
4. 38 Early Childhood Kits (to benefit 1,900 children between 1 and 5 years old).
5. 1,500 10-liter tanks for water storage in educational institutions, including homes of children without family support.
6. We are in the process of acquiring an additional 11,000 m² of waterproofing blankets.
7. Procurement of 46 additional early childhood kits (to benefit 2,300 children between 1 and 5 years of age) has begun.



General Coordination

Under the leadership of the Resident Coordinator and with the technical support of OCHA, the United Nations System in Cuba (UNS) is formulating an application for resources from the UN Central Emergency Response Fund (CERF).

It has been agreed with the authorities to formulate a Plan of Action of the United Nations System in Cuba, to which other international cooperation actors who wish to support the response to Hurricane Ian through the United Nations in the country may contribute.

For further information, please contact:

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For more information, please visit www.unocha.org, www.reliefweb.int, www.redhum.org, www.cuba.un.org

For more information, please visit

Cuban Institute of Meteorology: <http://www.met.inf.cu>

Granma: <http://www.granma.cu>

Juventud Rebelde: <http://www.juventudrebelde.cu/>

Agencia Cubana de Noticias: <http://www.acn.cu/>

Cubadebate: <http://www.cubadebate.cu>

Periódico Girón: <http://giron.cu>

Periódico Victoria: <http://> <https://www.facebook.com/radio26cu>

ANNEX I

United Nations System Response Hurricane Ian

Date of update: September 30, 2022

Sector	Agency	Items/Intervention
Health	WHO	<p>Already delivered to the health authorities of Pinar del Río:</p> <p>Module 1A (Tesk 2019) Set, Medicines, Basic</p> <p>Module 1A (Teskt 2019) Set, Medicines, Disinfectants</p> <p>Module 1A, (Teskt 2019) Set, Medicaments, Infusions</p> <p>Module 1A, (Tesk 2019) Set, Medicines, Antidote Rescue</p> <p>Module 1B, (Tesk 2019) Set, Renewables, Anesthetics, basic material</p> <p>Module 1B, (Tesk2019) Set, Renewables, Gloves</p> <p>Module 1B, (Tesk 2019) Set, Renewable, Sutures</p> <p>Module 1B, (NCDK 2016) Medications only syringes, insulin</p> <p>Module 1A, (NCDK 2016) Medications only</p> <p>Module 1C, (NCDK 2016) Renewables</p> <p>Module 1D, (NCDK 2016) Supplies for equipment, basic</p> <p>Module 1E, (NCDK 2016) Equipment, basic</p> <p>IEHK 2017, Basic Module, Medicines</p> <p>IEHK 2017, Basic Module, Renewables and Equipment</p> <p>IEHK 2017, Supplementary Module Documentation</p> <p>IEHK 2017, Supplementary Module Medicines</p> <p>IEHK 2017, Supplementary Module, Renewables</p>

		<p>IEHK 2017, Supplementary Module, Equipment</p> <p>Hurricane Direct Relief Kit Paho</p> <p>Field Medical Backpacks (Global links)</p> <p>Facial screens</p> <p>Body soap, bar 120grms</p>
	UNFPA	- 200,000 USD for medicines, medical supplies, SRH kits, violence kits and hygiene kits.
Food Security	FAO-WFP	<p>Food Prepositioning (WFP)</p> <ul style="list-style-type: none"> - Rice (MT) 994.7 MT - Black Beans (MT) 110.07 MT - Peas (MT) 343.66 MT - Oil (MT) 649.55 MT
Early Recovery and Housing	UNDP	- 5790 prepositioned tarpaulins
	UNHCR	<p>It has been made available (they are in Panama)</p> <ul style="list-style-type: none"> - 23,400 solar lamps - 330 stores
Water and Sanitation	UNICEF	<p>Pre-positioned items:</p> <ul style="list-style-type: none"> - 12,755 10-liter water storage tanks that will benefit 6376 families. - 478 kits that, if necessary, will guarantee basic hygiene conditions for 2390 families.
Education	UNICEF	<p>Pre-positioned items:</p> <ul style="list-style-type: none"> - 6,000 m2 of waterproofing blankets for rehabilitation of roofs of educational centers. - 140 School material kits (to benefit 5,600 children between 6 and 18 years of age). - 154 recreation kits (to benefit 13,860 children between 6 and 18 years of age). - 38 Early childhood kits (to benefit 1,900 children between 1 and 5 years of age). - 1,500 10-liter tanks for water storage in educational institutions, including homes of children without family protection.

		<ul style="list-style-type: none">- 6,000 m2 of waterproofing blanket and 46 early childhood kits are in the process of being purchased. - Guaranteed recreational supplies to ensure recreation in evacuation centers and homes for children and adolescents without family protection. - An innovation and expression kit for adolescents was transferred to Pinar del Rio, with the capacity to impact 50 adolescents in contexts of vulnerability and emergency. - More than 100 pre-positioned recreation kits that could be delivered to evacuation centers.
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