



18 November 2024

PRELIMINARY SATELLITE-DERIVED FLOOD IMPACT ASSESSMENT



Riosucio and Bojaya Municipalities, Chocó Department & Vigía del Fuerte Municipality, Antioquia

 Status: Affected structures observed

 Further action(s): Continue monitoring



COLOMBIA

18 November 2024



AOI 1-1: BELLAVISTA VILLAGE, BOJAYA MUNICIPALITY, CHOCÓ DEPARTMENT

Affected structures & standing waters

Image center:
76°52'56"W
06°33'32"N



WorldView-2 / 25 October 2019



Pléiades / 17 November 2024

AOI 1-2: PUERTO CONTO VILLAGE, BOJAYA MUNICIPALITY, CHOCÓ DEPARTMENT

Potentially affected structures

Image center:
76°51'03"W
06°33'05"N



BEFORE

Atrato River

Puerto Conto



WorldView-2 / 25 October 2019



AFTER

Atrato River

Puerto Conto

Potentially affected structures



Pléiades / 17 November 2024

AOI 1-3: VIGIA DEL FUERTE LOCALITY, VIGIA DEL FUERTE MUNICIPALITY, ANTIOQUIA DEPARTMENT

No major floods observed

Image center:
76°53'48"W
06°35'11"N



WorldView-2 / 25 October 2019

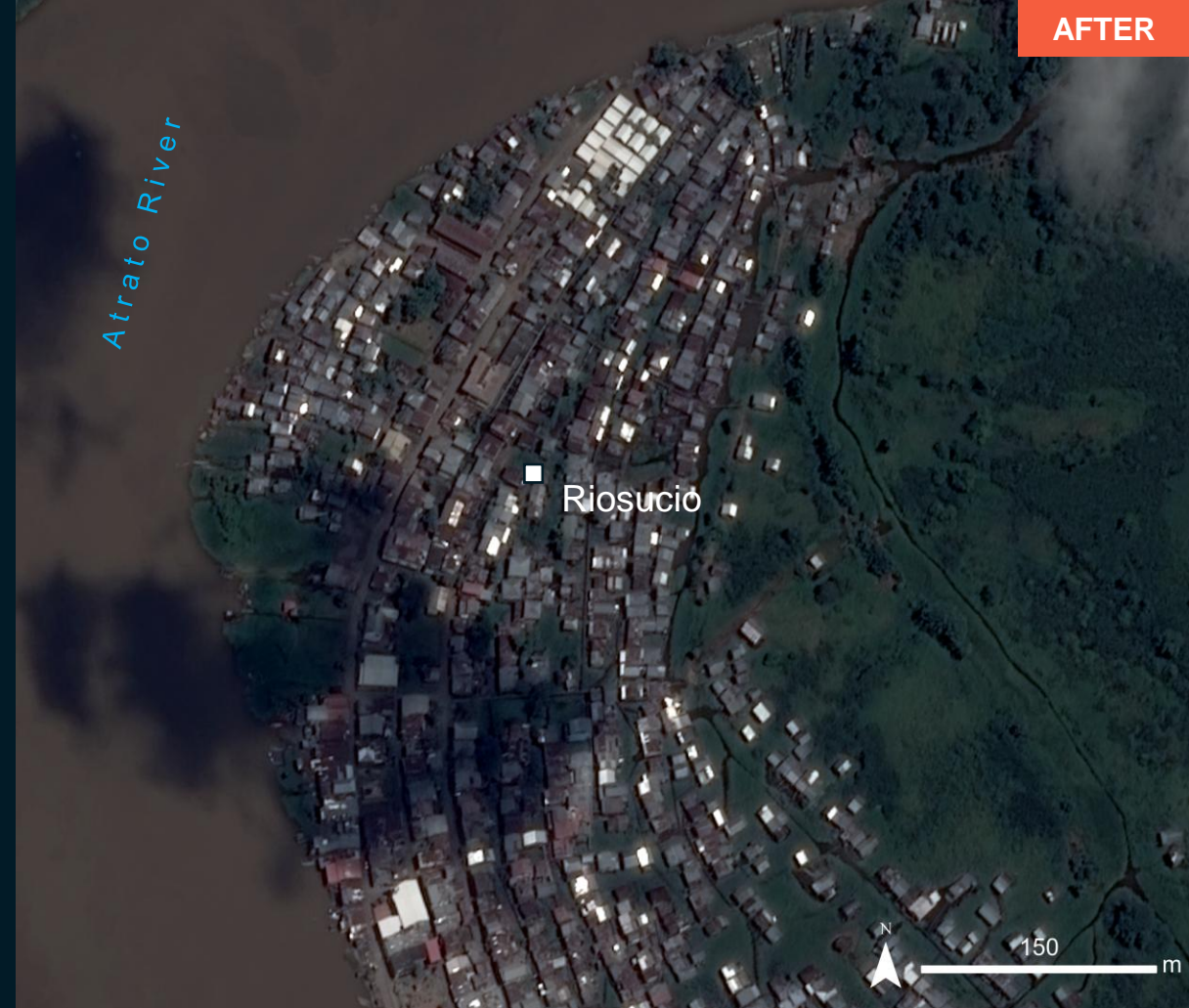


Pléiades / 17 November 2024

AOI 2-1: RIOSUCIO TOWN, RIOSUCIO MUNICIPALITY, CHOCÓ DEPARTMENT

No major floods observed

Image center:
77°06'56"W
07°26'36"N



WorldView-2 / 24 January 2012

Pléiades / 16 November 2024

AOI 2-2: RIOSUCIO TOWN, RIOSUCIO MUNICIPALITY, CHOCÓ DEPARTMENT

No major floods observed

Image center:
77°06'07"W
07°26'00"N



BEFORE



AFTER

Increased water

WorldView-2 / 24 January 2012

Pléiades / 16 November 2024

SUMMARY OF FINDING

- Standing waters & affected structures observed in Bellavista Village, Bojaya Municipality as of 17 November 2024;
- Potentially affected structures observed along the Atrato River in Puerto Conto village as of 17 November 2024;
- No major floods observed along the Atrato river in Vigia del Fuerte Locality as of 17 November 2024;
- No major floods observed along the Atrato river in Riosucio Town as of 16 November 2024.

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Data sources:

(1) Satellite Imagery (Post-event): Pléiades

Acquisition date: 16 November 2024 at 15:50 UTC &

17 November 2024 at 15:40 UTC

Resolution : 50 cm

Copyright: Includes Pleiades material © CNES (2024),

Distribution Airbus D&S

Source: Airbus D&S

(2) Satellite Imagery (Pre-event):

ESRI Basemap

(3) Ancillary data

Populated place: OpenStreetMap

Waterways: OpenStreetMap

Administrative boundary: Departamento Administrativo Nacional
de Estadística (DANE)

Analysis: United Nations Satellite Centre (UNOSAT)

Production: United Nations Satellite Centre (UNOSAT)



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