6 NOVEMBER 2020

PRELIMINARY SATELLITE-DERIVED DAMAGE ASSESSMENT
DARAGA AND LEGAZPI CITY, ALBAY PROVINCE, BICOL REGION, PHILIPPINES

STATUS: EVIDENCES OF DAMAGED STRUCTURES OBSERVED

FUTHER ACTION(S): CONTINUE MONITORING
OVERVIEW / BASED ON AOIs ASSESSED

Date of assessment validity: 6 November 2020

Impact and severity*:
- undetected
- limited impact potentially
- significant impact potentially

Potentially affected elements at risk (indicate all that are applicable):
- buildings - residential
- buildings - commercial/
- vulnerable structures (e.g. schools, hospitals, water, sanitation, power
- internally displaced persons (IDP) camps
- transportation network
- agriculture
- other:

Data sources:
2. post-event images: Pleiades, 6 November 2020, CNES (2020), distribution Airbus D&S
3. baseline data Administrative boundaries: OCHA Philippines, HDX

* disclaimer (i.e. assessment yet to be validated with field-based information)
AOI 1 LEGAZPI CITY, ALBAY PROVINCE, BICOL REGION: POTENTIALLY DAMAGED STRUCTURE OBSERVED

WorldView-2 / 26 May 2020

Pleiades / 6 November 2020
AOI 2 DARAGA MUNICIPALITY, ALBAY PROVINCE, BICOL REGION: POTENTIALLY DAMAGED STRUCTURE OBSERVED

Before

WorldView-2 / 26 May 2020

After

Pleiades / 6 November 2020
AOI 3 LEGAZPI CITY, ALBAY PROVINCE, BICOL REGION: POTENTIALLY DAMAGED STRUCTURE OBSERVED

Image Center:
123°43'51.115"E
13°7'5.874"N

WorldView 2/26 May 2020

Pleiades/6 November 2020
AOI 4 LEGAZPI CITY, ALBAY PROVINCE, BICOL REGION: POTENTIALLY DAMAGED STRUCTURE OBSERVED

Image Center:
123°44'26.327"E
13°9'12.612"N

WorldView-2/26 May 2020

Pleiades / 6 November 2020
AOI 5 LEGAZPI CITY, ALBAY PROVINCE, BICOL REGION : POTENTIALLY DAMAGED STRUCTURE OBSERVED

WorldView-2/ 26 May 2020

Pleiades / 6 November 2020
AOI 6 LEGAZPI CITY, ALBAY PROVINCE, BICOL REGION: NO VISIBLE DAMAGE

WorldView-2 / 26 May 2020

Pleiades / 6 November 2020
AOI 7 DARAGA MUNICIPALITY, ALBAY PROVINCE, BICOL REGION: POTENTIALLY DAMAGED STRUCTURE OBSERVED
SUMMARY OF PRELIMINARY OBSERVATIONS AND FURTHER ACTIONS

Date of assessment validity: 6 November 2020

Preliminary observations, impact and severity *:

• Potentially severe damage observed in Daraga municipality (AOI2 & AOI7) as of 6 November 2020;
• Potentially damaged road observed in Daraga municipality (AOI2) as of 6 November 2020;
• Potential damage observed in Legazpi city (AOI1, 3, 4 & 5) as of 6 November 2020.

Further/ anticipated actions from UNOSAT:

☐ no impact detected/ discontinue monitoring over specific
☐ potential impact detected    ☐ continue monitoring over specific
☐ full assessment to be conducted
☐ more data and/ or information needed to confirm impact

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