

NEPAL

MELAMCHI MUNICIPALITY, BAGMATI PROVINCE

IMAGERY ANALYSIS: 24 JUN 2021 PUBLISHED 5 JUL 2021 V1



 **FLOOD**
FL20210630NPL







Landslides impact analysis in Melamchi municipality, Bagmati province, Nepal as of 24 June 2021

This map illustrates satellite-detected flash floods and landslides in Melamchi village, Melamchi municipality, Bagmati province, Nepal as observed using a Sentinel-2 satellite imagery acquired on 24 June 2021. Within the analyzed area, approximately 150 structures appear to be potentially affected by the landslides.

This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to United Nations Satellite Centre (UNOSAT).

Legend

-  Village
-  Potentially affected structure
-  Potentially affected bridge
-  Road
-  Analysis extent
-  Landslide extent (24 Jun 21)

Melamchi

Indrawati river

Sikharpur

Spatial Reference
Name: WGS 1984 UTM Zone 45N
PCS: WGS 1984 UTM Zone 45N
GCS: GCS WGS 1984
Datum: WGS 1984
Projection: Transverse Mercator

Satellite Data: Sentinel-2
Imagery Dates: 24 June 2021 at 05:10 UTC
Resolution: 10 m
Copyright: Contains modified Copernicus Sentinel Data [2021]
Source: ESA

Administrative boundaries: Boundary data: Survey Department of Nepal,
UN Resident Coordinators Office in Nepal, HDX
Populated place: OpenStreetMap
Road data: OpenStreetMap
Background: ESRI World Imagery

Analysis: United Nations Satellite Centre (UNOSAT)
Production: United Nations Satellite Centre (UNOSAT)



Map Scale for A3: 1:100,00

0 50 100 200 Meters