St Vincent and the Grenadines: La Soufrière volcano Multi-hazard risks of Orange Hill, Saint Vincent (as at 4 May 2021)



Map showing possible impacts of a modelled volcanic hazards (specifically landslides and possible routes for lahars) and hydrological hazard (specifically flash flood). The modelled datas were created before the eruptions of 2021 and the April 29, 2021 rainfall. However, the reports on impacts of the rainfall may coincide with the modelled data.



Observations

///, Ash fall

Lava dome

Potential pyroclastic flow Pyroclastic flow and surge

Modelled events

Route for potential lahars

Flashflood

Landslide

Debris flow

Debris slide

Deep seated rockslide

Rockslide

Shallow landslide

Stream flood debris flow

Stream

Waterbody

Waterbodies

Wetland **

Building

Built up area

Landuse

Settlements **Physical**

○ CAPITAL --

Town

Village

Hamlet

Transport

★ Airport

Bridge



Roads

—— Primary Secondary

 Tertiary Service

Residential

- Track

Meters

Data Sources

GADM, OpenStreetMap, SRTM, GeoCris, UWISeismic

Map created by MapAction (04/05/2021)







