NOAH Multi-hazard Map is composed of a combination of landslide, flood, and storm surge hazards maps. Landslide hazard map identifies areas that may be affected by landslides; floods were simulated at a 100-year rain return scenario; and storm surge simulation was based on maximum storm tide heights of 5 meters.

All NOAH multi-hazard maps and landslide, flood, and storm surge hazard maps, including the final hazard map, were developed using maps and data products generated by the Philippine Disaster Risk Reduction and Management Council, the soil and topography data from the Philippine Institute of Development Studies, and the official 100-year return period flood data from the Philippine Atmospheric, Geophysical and Astronomical Services Administration.