

INFO

ENT



### Magnitude

Place: 1km NW of Sar Yay West

Time: 28 Mar. 2025, 06:20 GMT

Depth: 10.0 km

Coord.: Lat: 22.01 Lon: 95.92

Populat.: 898,875 within 50km

## Automatically generated SHAKE MAP powered by:

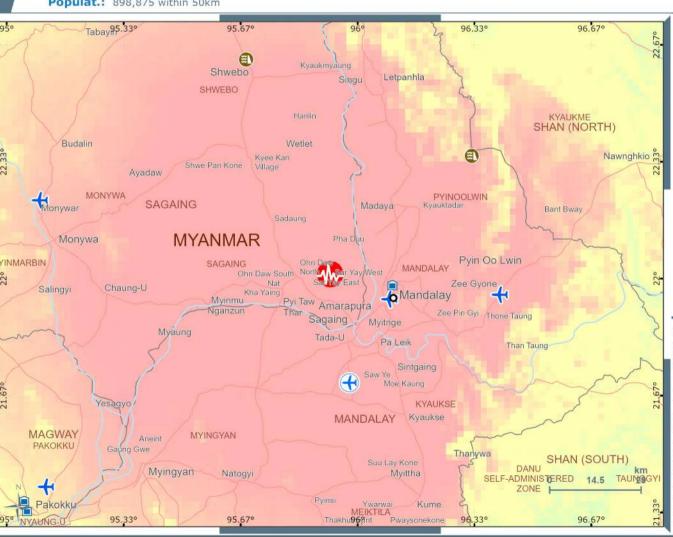
# **ADAM** - Automated Disaster Analysis and Mapping

28 March 2025

08:43:27 GMT

USGS ShakeMap									
Instrumental Intensity	E	11-111	IV	V	VI	VII	VIII	18	
Potential Shaking	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
Potential Damage	None	None	None	Very Light	Light	Moderate	Moderate/	Heavy	Very Heav





## MODIFIED MERCALLI INTENSITY SCALE:

8.6/10

#### **Intensity Class VIII:**

Drivers have trouble steering. Tall structures such as towers, monuments and chimneys may twist and fall. Wood frame houses that are not bolted to their foundations may shift and sustain serious damage. Damage is slight to moderate in wellconstructed buildings, considerable in poorly constructed buildings. Branches are broken and fall from trees. Changes occur in flow or temperature of springs and wells. Cracks appear in wet ground and on steep slopes.

#### Concepts and definitions

Shake Map combines instrumental measurements of shaking with information about local geology and earthquake location and magnitude to estimate potential impacts throughout a geographic area.

The estimated intensity map is derived from ground motions recorded by seismographs and represents Modified Mercalli Intensities (MMI's) that are likely to have been associated with the ground motions.

Magnitude and Intensity measure different characteristics of earthquakes. Magnitude measures the energy released at the source of the earthquake. Magnitude is determined from measurements on seismographs. Intensity measures the strength of shaking produced by the earthquake at a certain location. Intensity is determined from effects on people, human structures, and the natural environment. (Source: USGS)



WFP Headquarters

WFP Regional

WFP Country

WFP Sub Office

WFP Field Office



EQ epicenter

Airport



**(1)** 

Dam Nuclear plant

Port



Main road



Please report errors to hq.gis@wfp.org. Event ID: us7000pn9s. Map projection: WGS 84 / UTM Zone 46N (EPSG 32646), Sources: USGS (ShakeMap layer, earthquake District boundary Info), GAUL, WFP/VAM, NASA, ESRI. The designations employed and the presentation of material in this map do not imply the expression of any opinion whatsoever of WFP concerning the legal or constitutional status of any country, territory or sea area, or concerning the delimitation of frontiers.