

SEISMIC ACTIVITY REPORT

Deep Sea Trench Bathymetry & Plate Convergence

Ref: STR-2024-001

Scale: 1:25,000,000

Subduction Zone Alpha-7

LOCATION COORDINATE	DEPTH (M)	MAGNITUDE (MW)	EVENT FREQUENCY
11.3493 N, 142.1996 E	10,984	4.2	Continuous
15.2340 S, 173.2300 W	10,882	5.8	Intermittent
35.1200 N, 141.4500 E	9,780	6.1	Active
21.0000 S, 70.0000 W	8,065	3.4	Low

Epicenter Focal Point

Trench Axis

Data Source: Hydrographic Institute 2024