

Typical seismograms at KVIS, Thailand

Part.2

Noises and unclear onset ver1.0
Event data from USGS

<https://earthquake.usgs.gov/earthquakes/browse/significant.php>

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http://www.yossi-okamoto.net/index_e.html

KVIS seismographs at ICT room

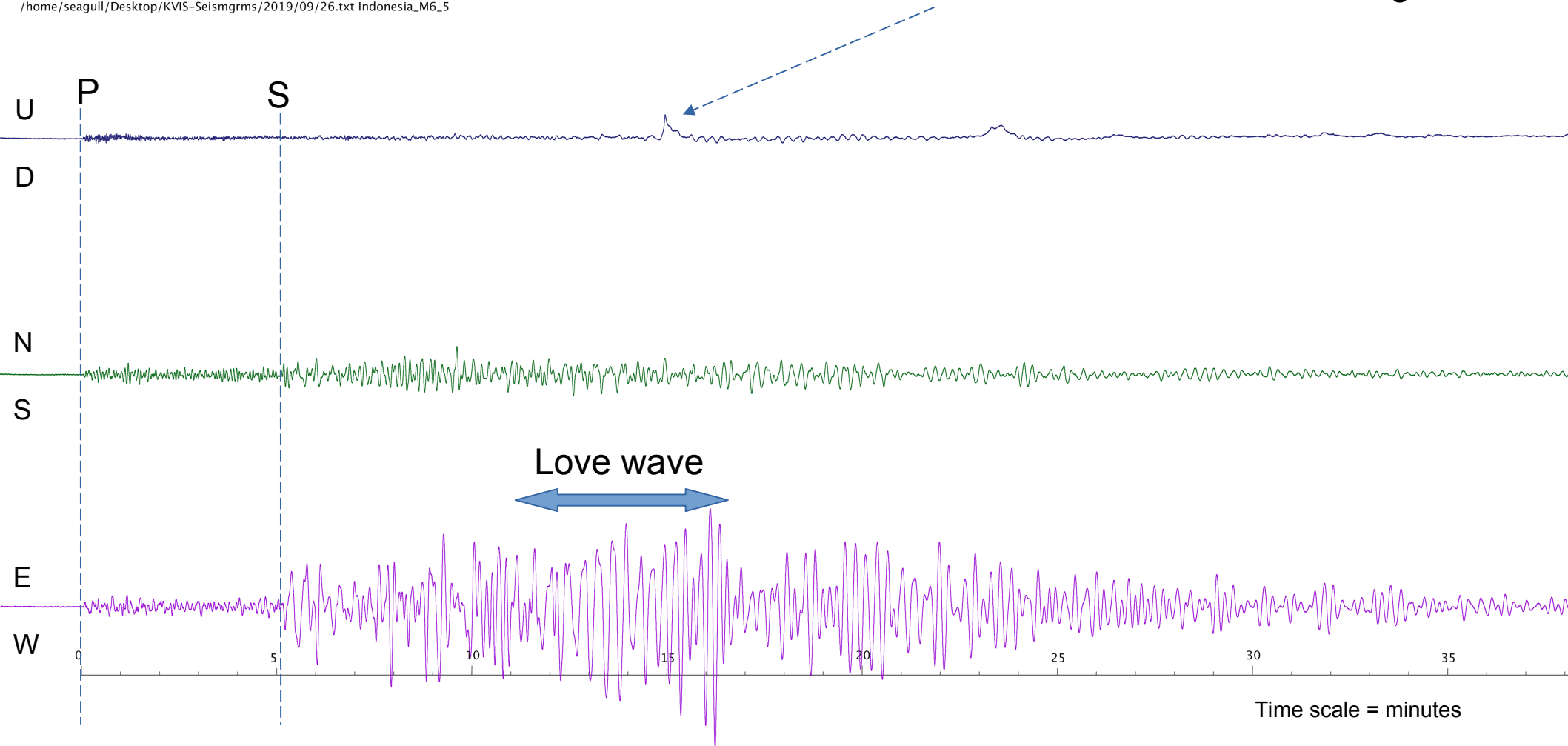


A shallow earthquake M 6.5 h=12.3 km, NE of Ambon, Indonesia

P and S are clear.

Some noises are on the vertical signal

/home/seagull/Desktop/KVIS-Seismgrms/2019/09/26.txt Indonesia_M6_5



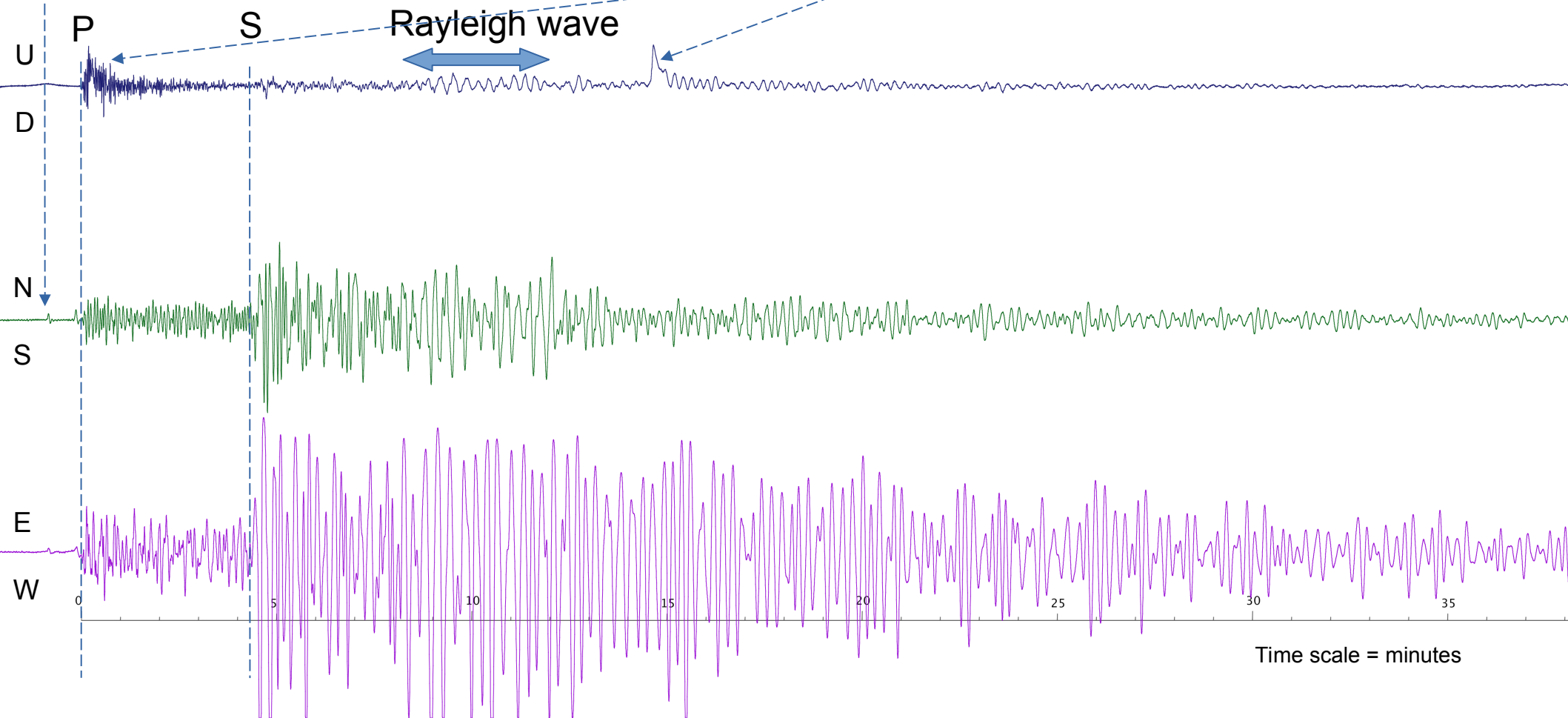
A shallow earthquake M 6.8 h=18km, S of Magsaysay, Philippines

P and S are clear.

/home/seagull/Desktop/KVIS-Seismgrms/2019/12/15.txt Philippines_M6_8

May be noises: because no signs on the vertical signal

Some noises are on the vertical signal
May be pendulum friction

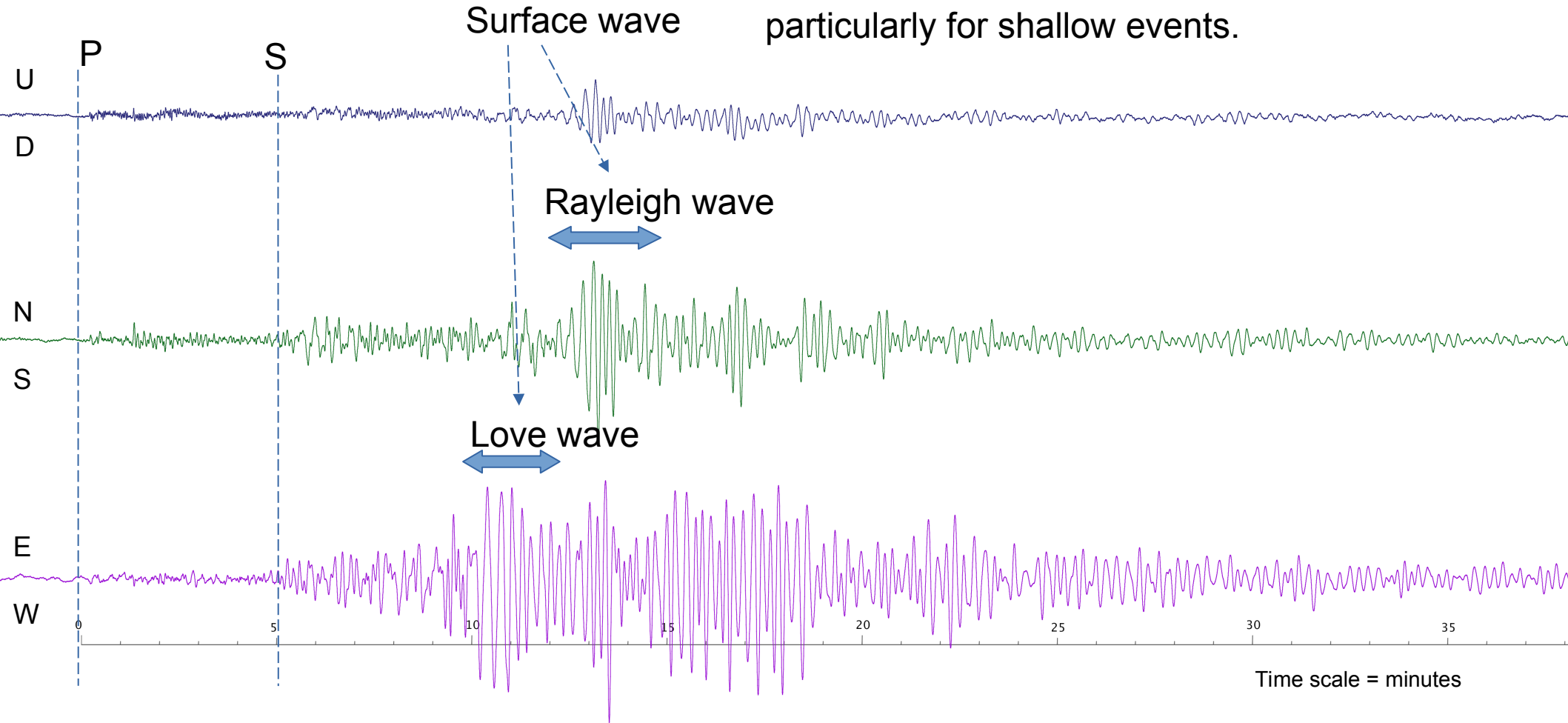


A shallow earthquake M 6.3 h=24km WSW of Waingapu, Indonesia

Emerging P and S

/home/seagull/Desktop/KVIS-Seismgrms/2019/01/Indonesia_M6_3

The onset of P and S are sometimes unclear particularly for shallow events.



A shallow earthquake M 7.1 h=33 km, NW of Ternate, Indonesia

S is unclear. Some noises are on the vertical signal

/home/seagull/Desktop/KVIS-Seismgrms/2019/11/15.txt Indonesia_M7_1

