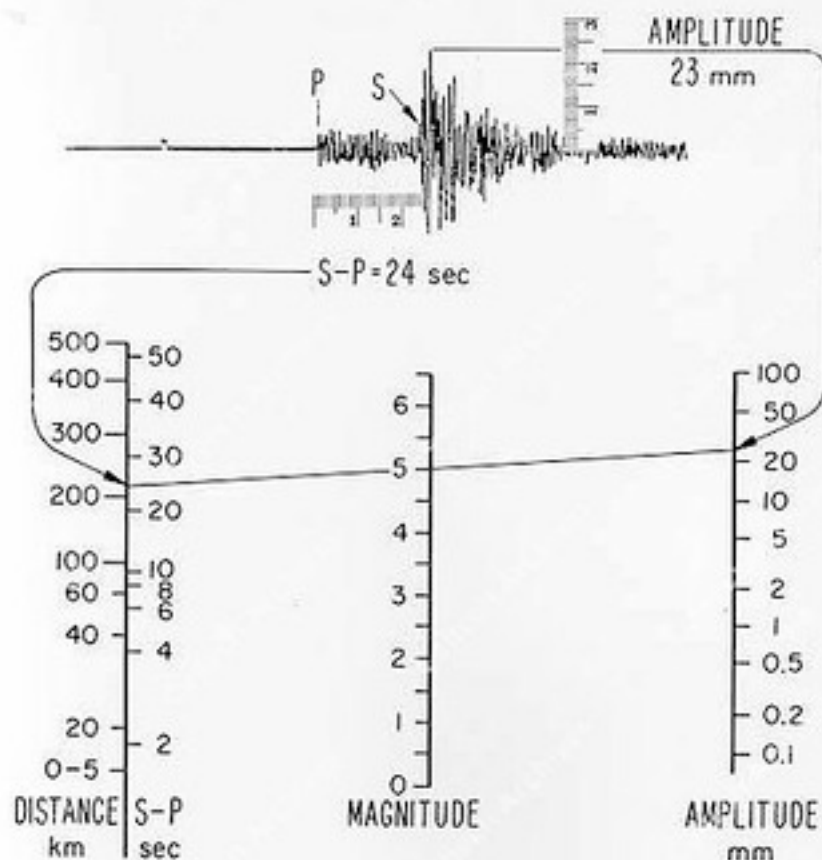


THE RICHTER SCALE



TO DETERMINE THE MAGNITUDE OF AN EARTHQUAKE WE CONNECT ON THE CHART

- THE MAXIMUM AMPLITUDE RECORDED BY A STANDARD SEISMOGRAPH, AND
- THE DISTANCE OF THAT SEISMOGRAPH FROM THE EPICENTER OF THE EARTHQUAKE (OR THE DIFFERENCE IN TIMES OF ARRIVAL OF THE P AND S WAVES)

BY A STRAIGHT LINE, WHICH CROSSES THE CENTER SCALE AT THE MAGNITUDE