

SEISMOLOGICAL TABLES.

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FOREWORD.

There has been a general desire for a compilation or collection of seismological tables useful to the working seismologist. To meet such want the following symbols, tables and data are issued.

SYMBOLS.

The symbols are those of Göttingen, adopted by the International Seismological Association with the addition of *O*, suggested by Professor J. B. Woodworth, as indicating the time of the earthquake at the epicentre; and of γ and γ_μ suggested by the writer for gal, unit acceleration of one centimetre per second per second, and for milligal the one thousandth of a gal, or ten microns per second per second.

P = Longitudinal waves, and time of arrival.

*PR*₁ = " " once reflected, and time of arrival.

*PR*₂ = " " twice reflected, " "

etc.

S = Transverse waves, and time of arrival.

*SR*₁ = " " once reflected, and time of arrival.

*SR*₂ = " " twice reflected " "

etc.

PS = Alternating waves (Wechselwellen), and time of arrival,
= *PR*₁*S* = *SR*₁*P*.

L = Long or surface waves, and time of arrival.

M = Maximum of long waves, and time of arrival.

*M*₁ *M*₂ *M*₃ . . . = When more than one maximum of long waves. 1 9[dsT

*L*_{rep₁} = Long waves reaching the station from the anti-epicentre;
path 40000 - Δ .