

A.1.3 Powers of Ten

Key Concepts: Orders of Magnitude
Scientific Notation
Materials: Video cassette or video disk or 16mm film
Set Up Time:
Time Estimate: 10 minutes

Set Up And Display

If the 16mm film is to be used, order a 16mm projector from IMC (phone 3-3960) at least one day in advance.

Explanation

This demonstration is a well labeled image of a man sleeping at a picnic taken from a range of 10^{24} m to 10^{-16} m. Each image is labeled in regular units from light-years to Angstroms as well as the actual order of meters.

Related Demonstrations: