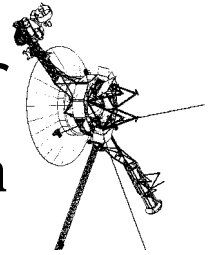


Voyager

Dust Particles Detected in Outer Solar System



- ❖ **Voyager Plasma Wave instruments detecting small dust particles striking both spacecraft out as far as 50 AU**
 - _ Number densities on the order of a few times 10^{-8} m^{-3} encountered by both spacecraft
 - _ Sharp radial cutoff in number density at 51 AU for Voyager 1 and 33 AU for Voyager 2
- ❖ **Weak dependence on ecliptic latitude indicates source not planets, moons or asteroids**
- ❖ **Comparison with Ulysses measurements indicates particles not of interstellar origin**
- ❖ **Observations not inconsistent with cometary sources**
- ❖ **Results published in December 15, 1997 GRL**

