

Star Data Record Sheet

Star Name	
Galaxy Type	
Stellar Age Category	
System Type	
Companion 1	
Companion 2	
Prime Jovian	Yes No
Spectral Class	
Spectral Level	
Luminosity Class	
Surface Temperature	
Luminosity	
Absolute Magnitude	
Radius	
Mass	
Volume	
Mean Density	
Description	
Orbital Paths	
Inner Biosphere Radius	
Outer Biosphere Radius	
Eccentricities	
System Resources	
Star Lifetime	
Star Age	

Planetary Data Record Sheet

Name	
Orbit	
Type	
Mean Density	
Mass	
Volume	
Mean Radii – Polar	
Equatorial	
Volumetric	
Circumferences – Polar	
Equatorial	
Volumetric	
Oblateness	
Inverse Flattening Ratio	
Surface Gravity	
Ballistic Escape Velocity	
Satellites	
Rings	
Astronomical Albedo	
Bond Albedo	
Object Flux	
Magnetism	
Radiation	
Geology	
Oceanography	
Land/Ocean Ratio	
Total Surface Area	
Land Surface Area	
Mean Orbital Radius	

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Orbital Period – seconds	
Earth days	
Local days	
Earth years	
Orbital Eccentricity	
Periapsis	
Apoapsis	
Orbital Inclination	
Orbital Obliquity	
Mean Orbital Velocity	
Rotational Period – seconds	
Earth days	
Longitude of Ascending Node	
Longitude of Descending Node	
Longitude of Periapsis	
Longitude of Apoapsis	
Longitude of Mean Orb Rad	
Atmospheric Scale Height	
Surface Pressure	
Surface Density	
Global Average Surface Temp	
Diurnal Temp Range	
Wind Speeds	
Mean Molecular Weight	

Atmospheric Composition

Nitrogen	
Oxygen	
Argon	
Carbon Dioxide	
Neon	
Helium	
Methane	
Krypton	
Hydrogen	
Nitrous Oxide	
Carbon Monoxide	
Xenon	
Ozone	
Nitrogen Dioxide	
Iodine	
Ammonia	