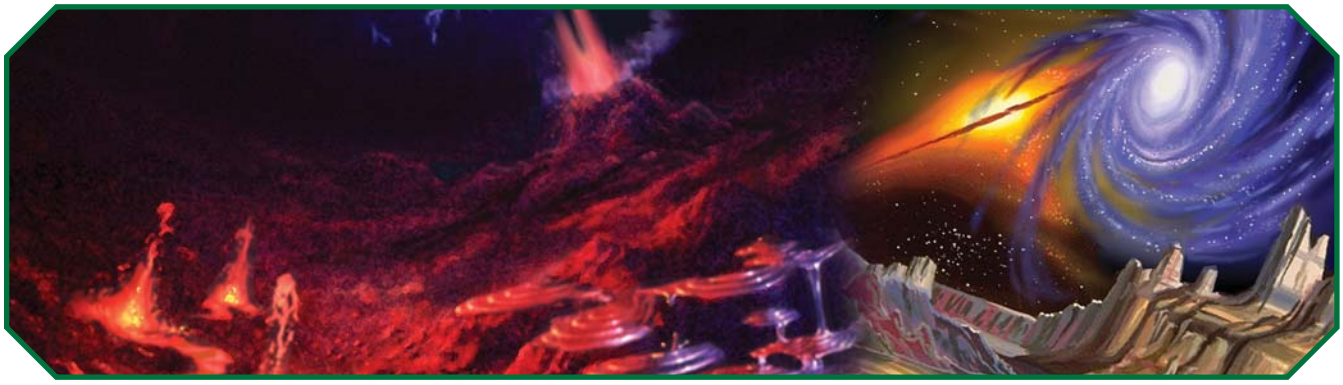
GURPS® Fourth Edition

SPACE™

Planetary Record and Worksheet



An e23 Sourcebook for GURPS® from Steve Jackson Games

Based on material by JON F. ZEIGLER and JAMES L. CAMBIAS
Edited by CHRIS AYLOTT
Graphic Design by JUSTIN DE WITT
Illustrated by ALAN GUTIERREZ

STEVE JACKSON GAMES

Stock #82-0206

Version 1.0, May 12, 2006

These worksheets are designed to track the information generated by the world and system design rules in ***GURPS Space.*** Once you have compiled this information, you can note down the most important facts on the planetary record sheet (p. 14).

Step 1: Concept

see p. 74

_____

_____

_____

_____

Step 2: World Type

see pp. 74-77

☐ Hostile ☐ Barren ☐ Garden

Tiny:	☐ Ice	☐ Rock	☐ Sulfur
Small:	☐ Hadean	☐ Ice	☐ Rock
Standard:	☐ Ammonia	☐ Chthonian	☐ Hadean
	☐ Garden	☐ Greenhouse	☐ Ice
	☐ Ocean		
Large:	☐ Ammonia	☐ Chthonian	☐ Garden
	☐ Greenhouse	☐ Ice	☐ Ocean
Special World Type:	☐ Asteroid Belt	☐ Gas Giant	

Step 3: Atmosphere

see pp. 78-81

Atmospheric Pressure: _____
Atmospheric Composition: _____

Marginal Atmosphere?

☐ Chlorine or Fluorine	☐ High Carbon Dioxide
☐ High Oxygen	☐ Inert Gases
☐ Low Oxygen	☐ Nitrogen Compounds
☐ Organic Toxins	☐ Pollutants
☐ Sulfur Compounds	☐ Corrosive
☐ Suffocating	

Toxic: ☐ Mildly ☐ Highly ☐ Lethally
Effects:

Atmospheric Mass: _____

Step 4: Hydrographic Coverage

see pp. 81-82

Hydrographic Percentage: _____ %

Asteroid Belt, Tiny World, or Chthonian World: 0%.

Small (Ice) World: 2d×10%; maximum 100%.

Standard (Ice) or Large (Ice) World: (2d-10)×10%; minimum 0%.

Ammonia World: 2d×10%; maximum 100%.

Standard (Ocean) or Standard (Garden) World: (1d+4)×10%.

Large (Ocean) or Large (Garden) World: (1d+6)×10%; maximum 100%.

Greenhouse World: (2d-7)×10%; minimum 0%.

Step 5: Climate

see pp. 83-84

_____ × _____ + _____ = _____ K
(3d-3) (step value) (minimum temp. range) Average Surface Temperature

Climate Type: _____ Temperature Range: _____ °F

_____ × [1 + (_____ × _____)] = _____
(absorption factor) (atmospheric mass) *from Step 3* (greenhouse factor) (blackbody correction)

Blackbody Temperature (average surface temperature divided by blackbody correction): _____ K