

planet: Mercury (ID=0)

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Name :	Mercury
Distance from the Sun (A.U.) :	0.3871
Mass (Earth masses) :	0.055276382
Orbit Period (Earth years) :	0.24
Mean Orbit Velocity (A.U./ year) :	9.9841
Symbol :	Me

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planet: Venus (ID=1)

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Name :	Venus
Distance from the Sun (A.U.) :	0.7233
Mass (Earth masses) :	0.815745394
Orbit Period (Earth years) :	0.62
Mean Orbit Velocity (A.U./ year) :	7.3825
Symbol :	V

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planet: Earth (ID=2)

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Name :	Earth
Distance from the Sun (A.U.) :	1
Mass (Earth masses) :	1
Orbit Period (Earth years) :	1
Mean Orbit Velocity (A.U./ year) :	6.2783
Symbol :	E

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planet: Mars (ID=3)

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Name :	Mars
Distance from the Sun (A.U.) :	1.5237
Mass (Earth masses) :	0.107537688
Orbit Period (Earth years) :	1.88
Mean Orbit Velocity (A.U./ year) :	5.0755
Symbol :	Ma

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planet: Jupiter (ID=4)

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Name :	Jupiter
Distance from the Sun (A.U.) :	5.2029
Mass (Earth masses) :	318.2579564
Orbit Period (Earth years) :	11.86
Mean Orbit Velocity (A.U./ year) :	2.7523
Symbol :	J

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planet: Saturn (ID=5)

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Name :	Saturn
Distance from the Sun (A.U.) :	9.5367
Mass (Earth masses) :	95.14237856
Orbit Period (Earth years) :	29.45
Mean Orbit Velocity (A.U./ year) :	2.032

Symbol : S

planet: Uranus (ID=6)

Name :	Uranus
Distance from the Sun (A.U.) :	19.1891
Mass (Earth masses) :	14.53936348
Orbit Period (Earth years) :	84.02
Mean Orbit Velocity (A.U./ year) :	1.4333
Symbol :	U

planet: Neptune (ID=7)

Name :	Neptune
Distance from the Sun (A.U.) :	30.0698
Mass (Earth masses) :	17.08542714
Orbit Period (Earth years) :	164.79
Mean Orbit Velocity (A.U./ year) :	1.1457
Symbol :	N