

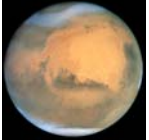

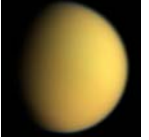


NAME	Venus	Earth	Mars	Jupiter	Saturn	Titan	Neptune	Triton
Picture (visible wavelengths)								
Radius (km / Radius Earth)	6051.8 / 0.95	6378 / 1	3396 / 0.53	70000	57000	2576		
Distance to sun (AU)	0.72	1	1.38-1.66	5.15	9.58	9.58		30
Eccentricity	0.0068	0.0167	0.09	0.0488	0.557	0.557		
Year (Earth years)	0.615	1	1.88	11.86	29.66	29.66		
Day (hours)	2802	24	24.6	9.925	10.6	383		
Axis tilt (degrees)	177.36	23.45	25.19	3.13	26.73	26.73		
Density (g/cm <sup>3</sup> )	5.204	5.5153	3.934	1.326	0.687	1.88		
Mass (Earth mass)		1			95.15	0.0225		
Surf. grav. (m/s <sup>2</sup> )	8.87	9.81	3.69	24.79	8.96	1.352		
Albedo	0.65	.3	0.15	0.52	.47	.22		
<b>ATMOSPHERE</b>								
Major constituent	CO <sub>2</sub> 96.5%	N <sub>2</sub> 78.08%	95.7% CO <sub>2</sub>	H <sub>2</sub> 90%	H <sub>2</sub> ~96%	N <sub>2</sub> ~97%		N <sub>2</sub>
2 <sup>nd</sup> Constituent	N <sub>2</sub> 3.5%	O <sub>2</sub> 20.95%	2.7% N <sub>2</sub>	He 10%	He ~3%	CH <sub>4</sub> ~3%		CO
3 <sup>rd</sup> Constituent		Ar 1%			CH <sub>4</sub> ~0.4%			
Trace 1		H <sub>2</sub> O 0-3%						
Trace 2 (ppmv)		CO <sub>2</sub> ~385						
condensable		H <sub>2</sub> O	H <sub>2</sub> O, CO <sub>2</sub>	H <sub>2</sub> O, NH <sub>3</sub>	H <sub>2</sub> O, NH <sub>3</sub>	CH <sub>4</sub>		N <sub>2</sub>
Surface pressure (bar)	92	1.013	0.006-0.009					0.000016
Surface temp (K)	737	288	227 (186-268)					
Rad. Eq. Temp.	232	255	217	106		85		
Tropopause min. T (K)				110-115				
Mean Molec Mass	43.45	28.96						
Scale height (km)	15.9	7-8						
Dry adiabat (K/km)		9.8						
Escape vel. (km/s)	10.36				35.5			

1 AU = 1.47e6 km