

## Solar System Data Sheet

	Radius (m)	Mass (kg)	Average Radius of Orbit (m)	Orbital Period (Days)
Sun	$6.95 \times 10^8$	$1.99 \times 10^{30}$	-	-
Mercury	$2.44 \times 10^6$	$3.30 \times 10^{23}$	$5.79 \times 10^{10}$	88.0
Venus	$6.05 \times 10^6$	$4.87 \times 10^{24}$	$1.08 \times 10^{11}$	224.7
Earth	$6.38 \times 10^6$	$5.97 \times 10^{24}$	$1.50 \times 10^{11}$	365.2
Mars	$3.40 \times 10^6$	$6.42 \times 10^{23}$	$2.28 \times 10^{11}$	687.0
Jupiter	$7.15 \times 10^7$	$1.90 \times 10^{27}$	$7.79 \times 10^{11}$	4331
Saturn	$6.03 \times 10^7$	$5.68 \times 10^{26}$	$1.43 \times 10^{12}$	10747
Uranus	$2.56 \times 10^7$	$8.68 \times 10^{25}$	$2.87 \times 10^{12}$	30589
Neptune	$2.47 \times 10^7$	$1.02 \times 10^{26}$	$4.50 \times 10^{12}$	59800
Pluto	$1.19 \times 10^6$	$1.46 \times 10^{22}$	$5.91 \times 10^{12}$	90588
Charon*	$6.04 \times 10^5$	$1.52 \times 10^{21}$	$5.91 \times 10^{12}$	90588
Moon*	$1.74 \times 10^6$	$7.35 \times 10^{22}$	$3.84 \times 10^8$	27.3

### Selected Satellites of Planets

Planet	Moon	Discovery	Radius of Orbit (km)	Period of Revolution d	h	m	Diameter (km)
Earth	Moon		$3.84 \times 10^5$	27	7	43	3456
Mars	Phobos	1877 Hall	$9.30 \times 10^3$	0	7	39	11.1
	Deimos	1877 Hall	$2.34 \times 10^4$	1	6	18	6.3
Jupiter	Almathea	1892 Bernard	$1.81 \times 10^5$	0	11	53	200
	Io	1610 Galileo	$4.19 \times 10^5$	1	18	28	3643.2
	Europa	1610 Galileo	$6.67 \times 10^5$	3	13	14	3121.6
	Ganymede	1610 Galileo	$1.05 \times 10^6$	7	3	43	5262.4
	Callisto	1610 Galileo	$1.87 \times 10^6$	16	16	32	4820.6
	Leda	1974 Kowal	$1.11 \times 10^7$	238	17	-	10
	Himalia	1904 Perrine	$1.14 \times 10^7$	250	14	-	170
	Lysithia	1938 Nicholson	$1.17 \times 10^7$	259	5	-	24
	Elara	1905 Perrine	$1.17 \times 10^7$	259	14	-	80
	Ananke	1951 Nicholson	$2.09 \times 10^7$	631	-	-	20
	Carme	1938 Nicholson	$2.26 \times 10^7$	692	-	-	30
	Pasiphae	1908 Melotte	$2.35 \times 10^7$	735	-	-	36
	Sinope	1914 Nicholson	$2.37 \times 10^7$	758	-	-	28
Saturn	Mimas	1789 Herschel	$1.95 \times 10^5$	0	22	37	400
	Enceladus	1789 Herschel	$2.38 \times 10^5$	1	8	53	510
	Tethys	1684 Cassini	$2.94 \times 10^5$	1	21	18	1060
	Dione	1684 Cassini	$3.77 \times 10^5$	2	17	41	1120
	Rhea	1672 Cassini	$5.26 \times 10^5$	4	12	25	1528
	Titan	1655 Huygens	$1.22 \times 10^6$	15	22	41	5120
	Hyperion	1848 Bond	$1.48 \times 10^6$	21	6	38	280
	Iapetus	1671 Cassini	$3.56 \times 10^6$	79	7	56	1436
	Phoebe	1898 Pickering	$1.29 \times 10^7$	550	12	-	220
Uranus	Miranda	1948 Kuiper	$1.30 \times 10^5$	1	9	56	470
	Ariel	1851 Lassell	$1.91 \times 10^5$	2	12	29	1056
	Umbriel	1851 Lassell	$2.67 \times 10^5$	4	3	28	1169
	Titania	1787 Herschel	$4.38 \times 10^5$	8	16	56	1578
	Oberon	1787 Herschel	$5.86 \times 10^5$	13	11	7	1523
Neptune	Triton	1846 Lassell	$3.54 \times 10^5$	5	21	3	2707
	Nereid	1949 Kuiper	$5.54 \times 10^6$	359	10	-	340
Pluto	Charon	1978 Christy	$1.96 \times 10^7$	6	9	18	1207