

Locations of the Planets and Dwarf Planets in the Central Illinois Community Solar System

Body	Location	Distance from Riverfront Museum	Diameter	Actual Distance from Sun (miles)	Actual Diameter (miles)
Sun (Star)	Riverfront Museum Sun Plaza and The Dome Lobby	0	46'	---	865,000 miles
Mercury (planet)	Rock Island/Pimiteoui Trail near RiverPlex Playground	.36 mile	1.93"	36,000,000	3,032
Venus (planet)	Rock Island/Pimiteoui Trail near sand Volleyball Courts	.68 mile	4.8"	67,200,000	7,521
Earth (planet)	Rock Island/Pimiteoui Trail in Constitution Garden Park	.94 mile	5"	93,000,000	7,926
Mars (planet)	Rock Island/Pimiteoui Trail in Detweiller Marina Park Playground	1.4 mile	2.7"	141,600,000	4,221
Ceres (dwarf planet)	Pending – Peoria Park District Headquarters in Lakeview Park	2.6 mile	.4"	2.8au	600
Jupiter (planet)	Peoria International Airport Lobby	4.9 mile	55"	483,800,000	88,846
Saturn (planet)	Pending – Pekin Public Library	8.9 mile	46"	890,800,000	74,897
Uranus (planet)	Troutman Park – Princeville	16 miles	18"	1,784,800,000	31,763
Neptune (planet)	The Depot - Rock Island Trail	28 miles	18"	2,793,100,000	30,775

	State Park - Wyoming				
Pluto (dwarf planet)	Good's Furniture, Rt 78 & 34, Kewanee	40 miles 64 km	.9"	3,647,200,000	1,485
Haumea (dwarf planet)	Pending location TBD Bloomington	41 miles	.7" x .4"	4,025,000,000	1,218 x 619 (ellipsoidal)
Makemake (dwarf planet)	Pending location TBD Galesburg	43 miles	.6"	4,257,400,000	808 – 1,181 (size is undetermined)
Eris (dwarf planet)	Western Illinois University 47 Horrabin Hall, North Entrance 1 University Circle, Macomb	62 miles 100 km	.9"	6,293,100,000	1,491
Alpha Centauri Star System (closest star to the Sun)	Little West Crater , Apollo 11 landing site on the Moon The three stars could line up across the 100' crater	238,900 miles	59' – Alpha Centauri A 39' – Alpha Centauri B 6' – Alpha Centauri C	4.3 light years 4.3 light years 4.2 light years	1,112,000 miles 741,000 miles 124,000 miles

Differences may be found due to rounding, averaging orbital eccentricities & oblateness of planetary spheres, and observational uncertainties