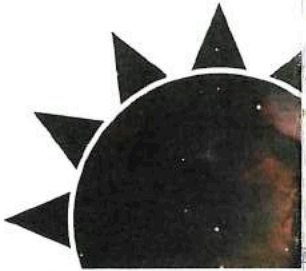


WHAT IS IT?

The Central Illinois Community Solar System is the most complete large-scale model of the Solar System in the world. The scale factor is 99,000,000:1. In addition to the Sun and 8 planets, the model also includes 5 dwarf planets, and numerous unnamed comets spread across the globe.

The Sun is depicted on the Sun Plaza (46' diameter), laid in red and yellow bricks, and on the wall of the planetarium lobby. The Earth (5" diameter) is nearly one mile from the Museum along the riverfront trail. The most distant yet-discovered dwarf planet, Eris (0.9" diameter), is 62 miles away from the museum, at Western Illinois University.



PEORIA RIVERFRONT MUSEUM

COMMUNITY SOLAR SYSTEM



EXPLORE MORE
RiverfrontMuseum.org



ANYONE CAN BECOME A PART OF THE WORLD'S MOST COMPLETE LARGE SCALE MODEL OF THE SOLAR SYSTEM BY PURCHASING AN UNNAMED COMET PLAQUE IN THE PEORIA RIVERFRONT MUSEUM STORE

Unnamed comet plaques are located on all seven continents, stretching as far north as Barrow, Alaska, and as far south as South Pole Station, Antarctica. In the United States, unnamed comets can be found in Alaska, California, Connecticut, Florida, Georgia, Illinois, Indiana, Iowa, Minnesota, Missouri, Montana, Nevada, New Hampshire, New York, Ohio, Oklahoma, Pennsylvania, Texas, Virginia, Washington, Washington D.C., and Wisconsin.

Outside the USA, unnamed comet plaques can be found in Argentina, Australia, Chile, China, Denmark, Ecuador, Germany, Japan, Norway, Russia, South Pole Station of Antarctica, and Swaziland.

For a full list of cities go to the Community Solar System page at PeoriaRiverfrontMuseum.org.

These 8.5" x 11" plaques are \$50 + \$10 shipping & handling if mailed.



BODY	LOCATION	DISTANCE (MILES)	DIAMETER	ACTUAL DISTANCE FROM SUN (MILES)	ACTUAL DIAMETER (MILES)
1 SUN	PEORIA RIVERFRONT MUSEUM SUN PLAZA & THE DOME PLANETARIUM LOBBY	0	46'	—	865,000
2 MERCURY	ROCK ISLAND PIMITEQUI TRAIL NEAR RIVERPLEX PLAYGROUND	0.36	1.93"	36,000,000	3,032
3 VENUS	ROCK ISLAND PIMITEQUI TRAIL ACROSS FROM SAND VOLLEYBALL COURTS	0.68	4.8"	67,200,000	7,521
4 EARTH	ROCK ISLAND PIMITEQUI TRAIL IN CONSTITUTION GARDEN PARK	0.94	5"	93,000,000	7,962
5 MARS	ROCK ISLAND PIMITEQUI TRAIL NEAR DETWEILLER	1.4	2.7"	141,600,000	4,221
6 CERES	BONNIE W NOBLE CENTER FOR PARK DISTRICT ADMINISTRATION, LAKEVIEW PARK	2.6	0.4"	260,000,000	600
7 JUPITER	PEORIA INTERNATIONAL AIRPORT LOBBY	4.9	55"	483,800,000	88,846
8 SATURN	PEKIN PUBLIC LIBRARY	8.9	46"	890,800,000	74,897
9 URANUS	TROUTMAN PARK – PRINCEVILLE	16	18"	1,784,800,000	31,763
10 NEPTUNE	THE DEPOT – ROCK ISLAND TRAIL STATE PARK – WYOMING	28	18"	2,793,100,000	30,775
11 PLUTO	GOOD'S FURNITURE, RT 78 & 34, KEWANEE	40	0.9"	3,647,200,000	1,485
12 HAUMEA	CHILDREN'S DISCOVERY MUSEUM, 101 E. BEAUFORT NORMAL, IL	41	0.7" X 0.4"	4,025,000,000	1,218 X 619 (ELLIPSODIAL)
13 MAKEMAKE	DISCOVERY DEPOT, 128 S. CHAMBERS ST. GALESBURG, IL	43	0.6"	4,257,400,000	808 - 1,181 (SIZE UNDETERMINED)
14 ERIS	WESTERN ILLINOIS UNIVERSITY, 47 HORRABIN HALL, NORTH ENTRANCE, 1 UNIVERSITY CIRCLE, MACOMB	62	0.9"	6,293,100,000	1,491
UNNAMED COMETS	SEE OUR WEBSITE FOR HUNDREDS OF LOCATIONS AROUND THE WORLD!	VARIABLES	SPECK OF DUST	VARIABLES	VARIABLES, LESS THAN 10 MILES
ALPHA CENTAURI STAR SYSTEM	LITTLE WEST CRATER, APOLLO 11 LANDING SITE ON THE MOON. THE THREE STARS COULD LINE UP ACROSS THE 100' CRATER	238,900	59' -ALPHA CENTAURI A 39' -ALPHA CENTAURI B 6' -ALPHA CENTAURI C	4.3 LIGHT YEARS 4.3 LIGHT YEARS 4.2 LIGHT YEARS	1,112,000 741,000 124,000

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