

"The Solar Pathfinder...is a must-have piece of gear for every installer's tool kit."

Joe Schwartz

CEO & Technical Editor | Home Power Magazine

"Unsurpassed for the professional analysis of solar characteristics at any proposed site for a graphic display to clients."

Dean Moffatt

Architect | Sundesigns Architects

the Solar Pathfinder™

is the **best** the best product available today which meets the criteria for **speed**, **accuracy**, and **comprehensive** solar site data collection.

used by industries worldwide

golf course management

ecological studies

u.s. geological

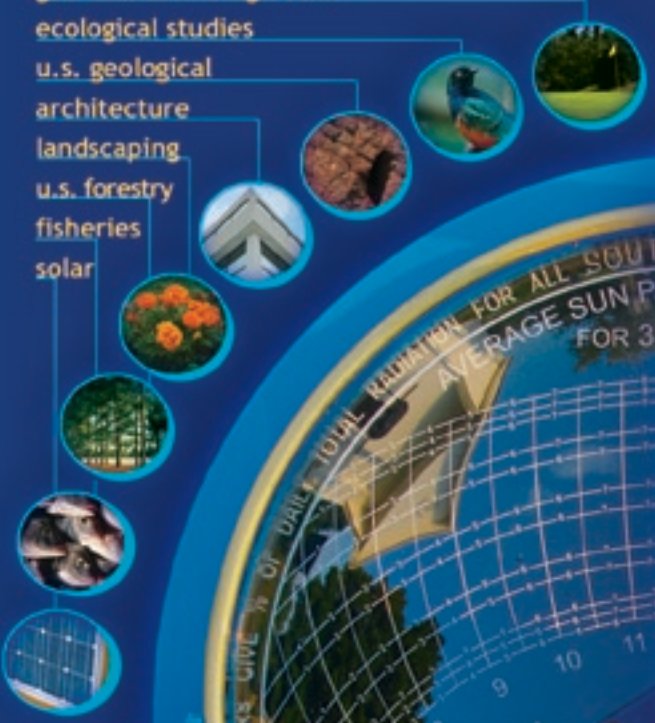
architecture

landscaping

u.s. forestry

fisheries

solar



3-D Solar Solar Site Analysis Report

Report Title: Casey 100 N. Main
 Image File: 37-43 back yard 1.JPG
 Report Date: Monday, May 07, 2007
 Declination: -4d 41m
 Latitude/Longitude: 39.586 / -85.277
 Analysis Site: GLENWOOD, IN, Zipcode: 46133
 Weather Station: COVINGTON, KY, Elevation: 271 m
 Station/Site Distance: 45.54 miles

Month	Unshaded % of Actual Site Azimuth=170.0 Tilt=45.0	Ideal Solar Rad w/o Shading Azimuth=180 Tilt=39.6 KWH/m ² /day	Actual Solar Rad w/o Shading Azimuth=170.0 Tilt=45.0 KWH/m ² /day	Actual Solar Rad w/ Shading Azimuth=170.0 Tilt=45.0 KWH/m ² /day
January	84.33%	3.04	3.09	2.67
February	90.50%	3.65	4.48	3.45
March	94.73%	4.53	5.03	4.72
April	93.64%	5.13	5.33	5.03
May	91.89%	5.60	5.38	5.03
June	90.79%	5.65	5.25	5.03
July	91.64%	5.48	5.65	5.11
August	91.80%	5.81	5.15	5.11
September	95.40%	5.15	4.72	4.72
October	88.78%	4.72	2.92	2.92
November	83.56%	2.92	2.19	2.19
December	77.19%	2.19	1.46	1.46
Totals	89.46%	Unweighted Yearly Avg	4.72	4.72



Discounts available for bulk orders! [5 units or more]

For info or ordering, visit our website:

www.solarpathfinder.com

p: 317.501.2529 | f: 931.589.5400
 info@solarpathfinder.com
 3953 Marsh Creek | Linden, TN 37096



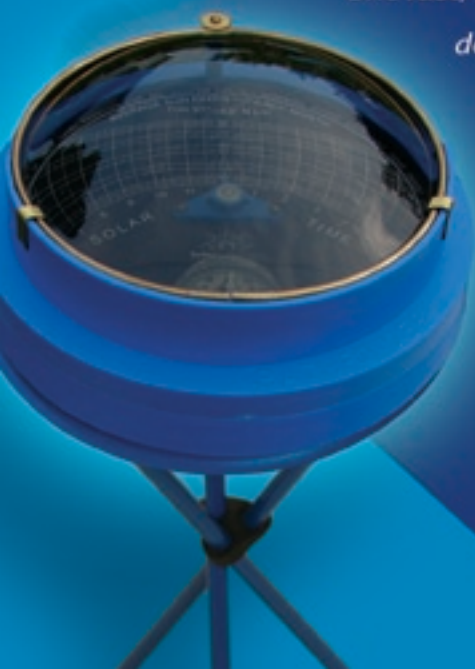
SolarPathfinder™
 FAST ACCURATE SOLAR SITE ANALYSIS

“Clever engineering for functional low cost.” Ron K. Thornton | Physics Department | Tufts University

the Solar Pathfinder's reflective principle of operation makes it the **only** instrument available that can provide a **full year of accurate solar data** in a **single** reflected image.

The Solar Pathfinder can be used **any** time of the day or year, **cloudy weather** or **clear**, requiring **no special skills** or **technical “know-how.”**

One **fast, simple** tracing does the job and becomes your permanent record for your solar data.



what it does | the Pathfinder determines...

- what hours of the day, months of the year a site will be shaded
- percentage of solar radiation available per day of each month
- altitude and azimuth of objects on the practical horizon of the Pathfinder

features |

- instruction manual
- sunpath diagrams
- diagram for angle/elevation estimation
- integral magnetic declination adjustment
- integral bubble level & compass
- telescoping aluminum tripod [optional]
- wax pencil
- molded case



Solar Pathfinder
ASSISTANT
RAISING THE STANDARD IN SOLAR SITE ANALYSIS

This companion software to our Solar Pathfinder [SP] carries the shading information into a **concise, thorough, professional-looking** solar site analysis report in just **seconds!**

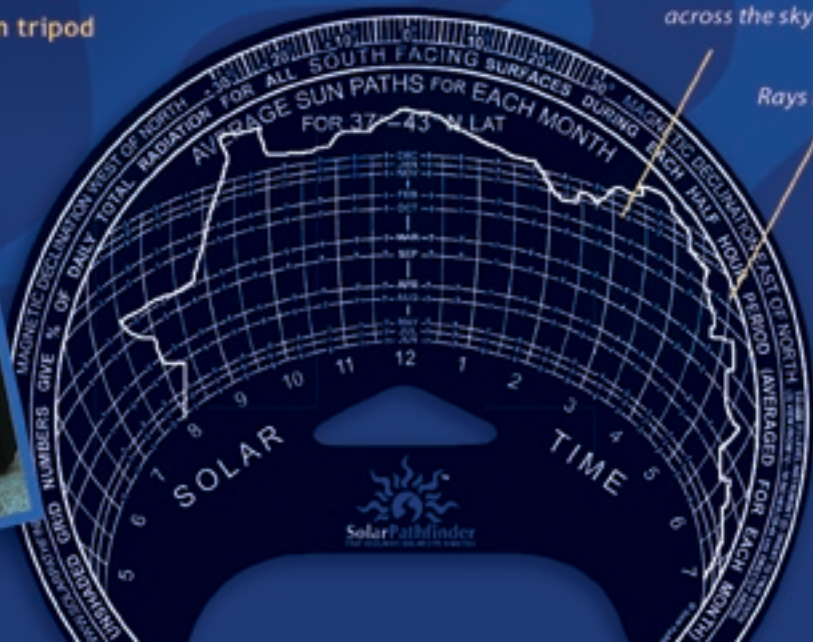
CSI-EPBB
compliant
software

The Solar Pathfinder Assistant dovetails the shading information of the SP with PVWatts/NREL data into a **user-friendly, stand-alone** software!



12 arcs show the sun's average path across the sky for each month

Rays show solar time



South-facing
Sunpath
Diagram
With Site
Tracing