Exhibit N
Glare Hazard Assessment

Stantec

January 29, 2021

DICKINSON WRIGHT PLLC

Glare Hazard Assessment

Birch Solar Project, Auglaize and Allen Counties, Ohio

Glare Hazard Analysis

January 29, 2021

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Executive Summary

Stantec Consulting Services, Inc. (Stantec) utilized the web-based ForgeSolar glare hazard analysis program to analyze the potential for glare to affect pilots, drivers, and/or residents near the proposed Birch Solar Project, a 300-megawatt (MW) alternating current (AC) utility-scale solar powered electric generating facility located in Auglaize and Allen Counties, Ohio (Project), and depicted in **Figure 1**. The Project will include photovoltaic (PV) solar panels mounted on a racking system to maximize solar energy capture and electric generation of the array. The Project area encompasses approximately 2,345 acres in a rural area located approximately 2.5 miles southwest of the City of Lima. The ForgeSolar program identifies the three following types of glare (no color indicates no glare predicted):

GREEN - Low potential for temporary after-image.
YELLOW - Potential for temporary after-image.
RED - Potential for permanent eye damage.

Based on the solar array parameters provided and the current site design, glare is not predicted from the Project for pilots landing at two airports or helicopter pilots hovering at 500 feet (ft) over two heliports that are located within 10 miles of the Project area. The results of the ForgeSolar analysis determined that glare from the Project is not predicted to occur for drivers of vehicles on 14 roadways adjacent to the Project or for train engineers on the railroad tracks crossing through the Project area (**Table 1**). The analysis was completed at two heights for roadways: 5-feet (ft; cars and small trucks) and 9-ft (semi-trucks) viewing heights, and a 15-ft viewing height for trains. Glare is also not predicted for the 100 residences[1] that were analyzed within proximity to the Project area. All routes and homes were analyzed using 5-ft, 10-ft and 15-ft panel heights to document a full range of potential panel heights to ensure the worst-case scenario is captured.

[1] Due to program limitations, not all residences could be analyzed with all blocks. Residences closest to each block were chosen for analysis with the given block and many residences were analyzed with more than one block.

Abbreviations

AGL	Above Ground Level
deg	degrees (0 is due north, 180 is due south)
DNI	Direct Normal Irradiance
FAA	Federal Aviation Administration
FP	Flight Path (landing path from threshold to two miles out)
ft	feet
kW	kilowatt
kWh	kilowatt hour
m	meters
mi	mile
min	minutes
mrad	milliradian
MW	megawatt
MSL	Mean Sea Level
OP	Observation Point (e.g. control tower, vehicle location)
PV	Photovoltaic

Glossary

Correlate Slope Error with Surface Type	Correlates the slope error value based on the surface material type; default value is 8.43 milliradians (mrads).
Eye Focal Length (m)	Typical distance between the cornea and the retina of the human eye, default is 0.017, though some sources indicate that the typical length is 0.022.
Glide Slope (deg)	Angle at which the plane approaches the runway during landing (default is 3 degrees [deg] from horizontal).
Maximum Tracking Angle (deg)	Rotation limit of panels in either direction. Full rotation is 2*maximum tracking angle. E.g. maximum tracking angle of 60 deg indicates full panel rotation range of 120 deg.
Resting Angle (deg)	Angle modules return to after maximum angle is reached.
Observation Point	A specific location, such as a control tower or vehicle, from which an observer might experience glare.
Ocular Transmission Coefficient	Related to the ability of the eye to transmit light, set by at 0.5 by Forge Solar.
Offset angle of module (deg)	Additional tilt/elevation angle between the tracking axis and the panel.
Orientation of Tracking Axis (deg)	Azimuthal position of tracking axis measured clockwise from true north. Tracking systems in the northern hemisphere are typically oriented near 180 deg. Tracking systems in the southern hemisphere are typically oriented near 0 deg.
Peak DNI (W/m^2)	This value is set at 1,000 by ForgeSolar and is the amount of solar radiation per unit surface area by a surface perpendicular to the sun's rays in a straight line from the direction of the sun at its current position in the sky (Vaisala Energy 2021).
Pupil Diameter (m)	Typical pupil diameter for observer, default is 0.002 meters (m).
PV Array Axis Tracking	Panel tracking mode, if any. Panel can be set to track along one (single) or two (dual) axis tracking. This parameter affects the positioning of the panels at every time step when the sun is up.
PV Array Panel Material	Surface material of panels, including use of anti-reflective coating (ARC). Options include: smooth glass without ARC, smooth glass with ARC, light-textured glass without ARC, light-textured glass with ARC, and deeply textured glass.
Rated Power (kW)	Power rating of the solar array - used to estimate the energy output per year of the array (optional).
Slope Error (mrad)	Accounts for beam scatter of sunlight on the array. Default is 8.43 mrads but the value may be adjusted based on the panel material type.
Subtended Angle of Sun (mrad)	The angle above horizontal at which the viewer observes the sun, default value is 9.3 mrad.



Threshold	The physical beginning of the runway. Aircraft are typically expected to be 50 ft above ground at this point.
Time Interval (min)	Time step intervals used by the program for analyses. Default is set to analyze for glare at every one minute interval throughout the year.
Timezone	Time zone difference from Greenwich Mean Time at the location of the analysis.
Tilt of Tracking Axis (deg)	The elevation angle of the tracking axis upon which panels rotate (e.g. torque tube), measured from flat ground. 0 deg implies the axis is on level, flat ground. Values between 0 and 30 deg are typical.
Vary Reflectivity	Varies panel reflectivity with sun position at each time step.
Maximum Downward Viewing Angle (deg)	The angle extending downward from the horizon indicating the maximum downward viewing angle from the cockpit. Used to determine whether glare is visible by the pilot along the flight path. Default is 30 degrees.

Sources:

Ho, Clifford, K., Cianan A. Sims, Julius E. Yellowhair. 2015. Solar Glare Hazard Analysis Tool (SGHAT) Users Manual v. 2H. Sandia National Laboratories.

ForgeSolar – PV Planning & Glare Analysis. https://www.forgesolar.com/

Vaisala Energy. 2021. What is Direct Normal Irradiance. Available online at: http://www.3tier.com/en/support/solar-prospecting-tools/what-direct-normal-irradiance-solar-prospecting/



1.0 INTRODUCTION

On behalf of Birch Solar, LLC, Stantec utilized the web-based ForgeSolar glare hazard analysis program to complete a glare analysis for the Project to determine the potential for glint/glare from the PV solar panels to affect pilots and airport operations, residents in the area, and drivers passing through. The Project is located in south central Allen County and north central Auglaize County, Ohio (**Figure 1**), approximately 2.5 miles southwest of the City of Lima.

ForgeSolar is an interactive tool that provides a quantified assessment of (1) when and where glare will occur throughout the year for a prescribed solar project and (2) potential effects on the human eye at locations where glare occurs. Glare can occur from the reflection of sunlight on the PV solar panels of utility-scale solar-powered electric generating facilities. While PV solar panels absorb direct sunlight, some reflection can occur when the panels are not directly facing the sun which predominately occurs during sunset and sunrise when the incidence angle of the panels is highest, as depicted in **Figure 2** below.

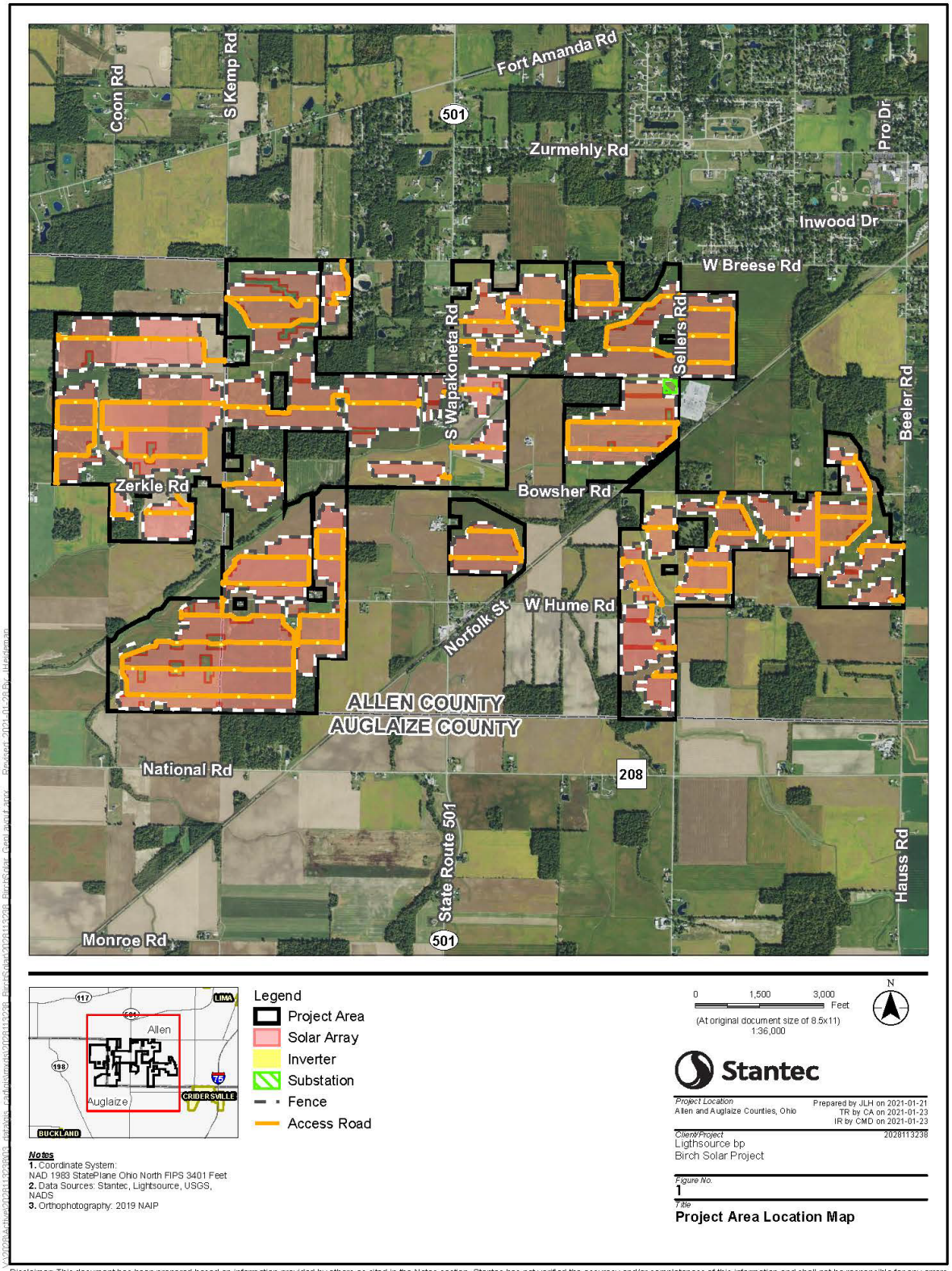
ForgeSolar employs an interactive Google map for site location, mapping the proposed PV array(s), and specifying observer locations, vehicular travel routes, or flight paths. Latitude, longitude, and elevation are automatically recorded through the Google interface, providing necessary information for sun position and vector calculations. Additional information regarding the orientation and tilt of the PV solar panels, reflectance, environment, and ocular factors are entered by the user.

If glare is found, the tool calculates the retinal irradiance and subtended angle (size/distance) of the glare source to predict potential ocular hazards ranging from temporary after-image to retinal burn. The results are presented in a plot that specifies when glare will occur throughout the year, with color codes indicating the potential ocular hazard.

This glare study analyzes potential glare for pilots of planes landing at two airports and helicopter pilots hovering 500-ft above ground level (AGL) above two heliports located within 10 miles of the Project area (**Figure 3**). Glare analyses were conducted for drivers of vehicles at 5-ft AGL (cars and small trucks) and 9-ft AGL (semi-truck) viewing heights on 14 roadways adjacent to the PV panels. Additionally, a glare analysis was conducted to capture potential glare for train engineers traveling on the railroad that crosses through the Project area. The railway analysis utilized a 15-ft AGL viewing height for train engineers (**Figures 4 and 5**, **Table 1**). The analysis also included a determination of potential glare to viewers at 100 residences in the vicinity of the Project using a 25-ft AGL viewing height which simulates a two-story home, which would be considered worst case for residential glare (**Figures 4-7**). The analyses were separated into four blocks of arrays due to program limitations on the size of subarrays[2] and the analysis conducted for each of the four array blocks considered different residences, roadways, and the railroad track if appropriate. Residences, roads and inclusion of the railway was based upon proximity to the arrays included in each of the four blocks.

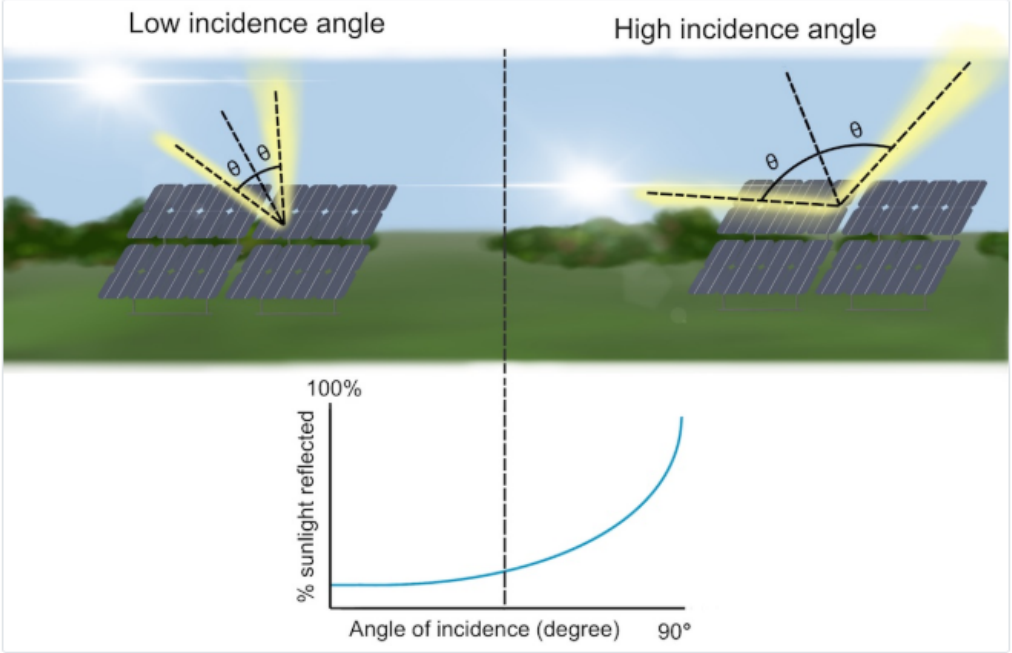
[2] Subarrays, as shown in Figures 4 and 5 below, can be no larger than 25 acres in size to allow ForgeSolar to produce the most accurate results.

Introduction



Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.

Figure 2. Reflectivity differences between low and high incidence angles.



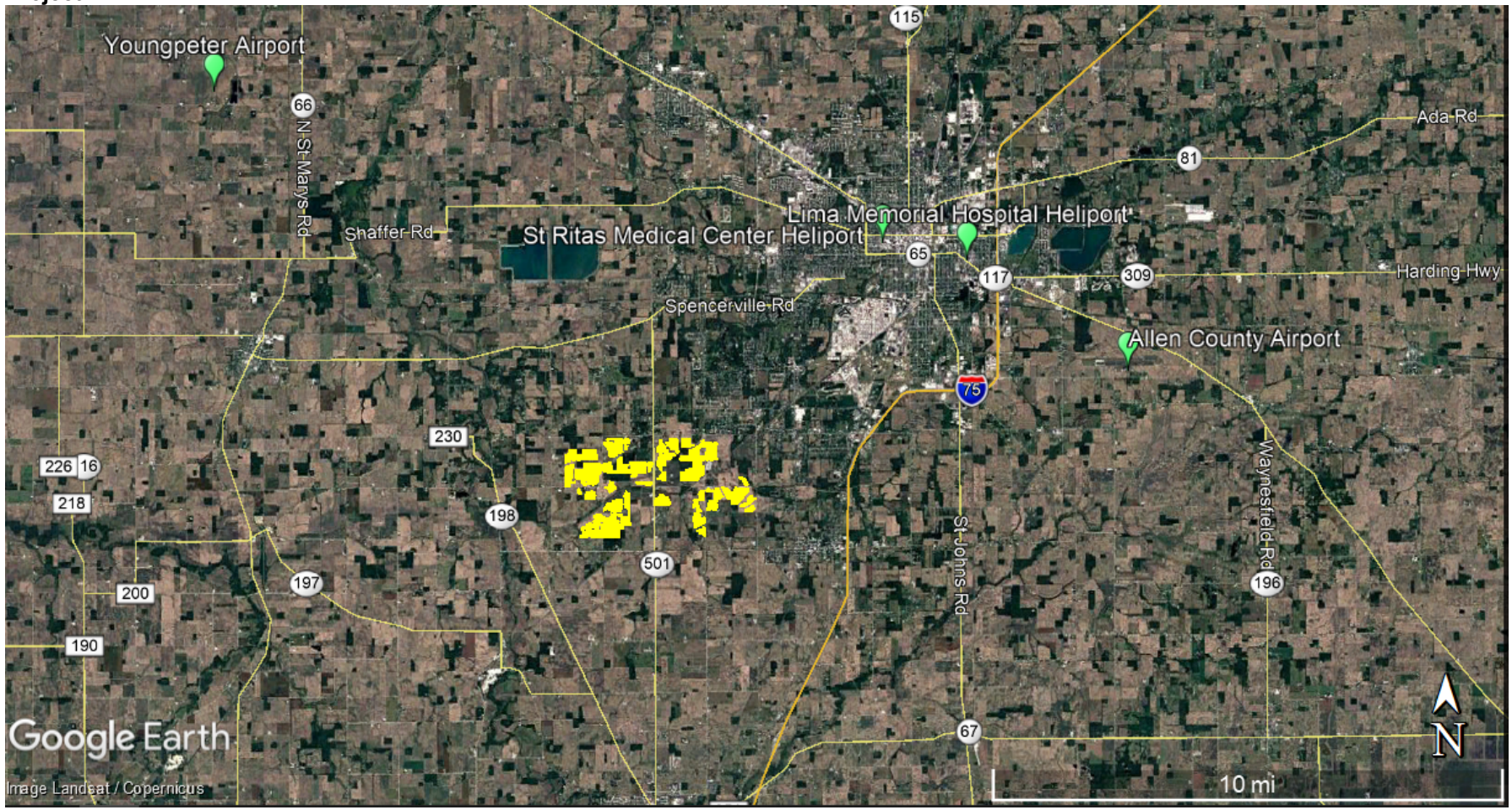
PV panel reflectance depends on incidence angle between panel normal (i.e. facing) and sun position. Large incidence angle yields more reflected sunlight.

Source: ForgeSolar, January 2021.

Table 1: Airports and Heliports analyzed with flight path names corresponding to ForgeSolar analysis output.

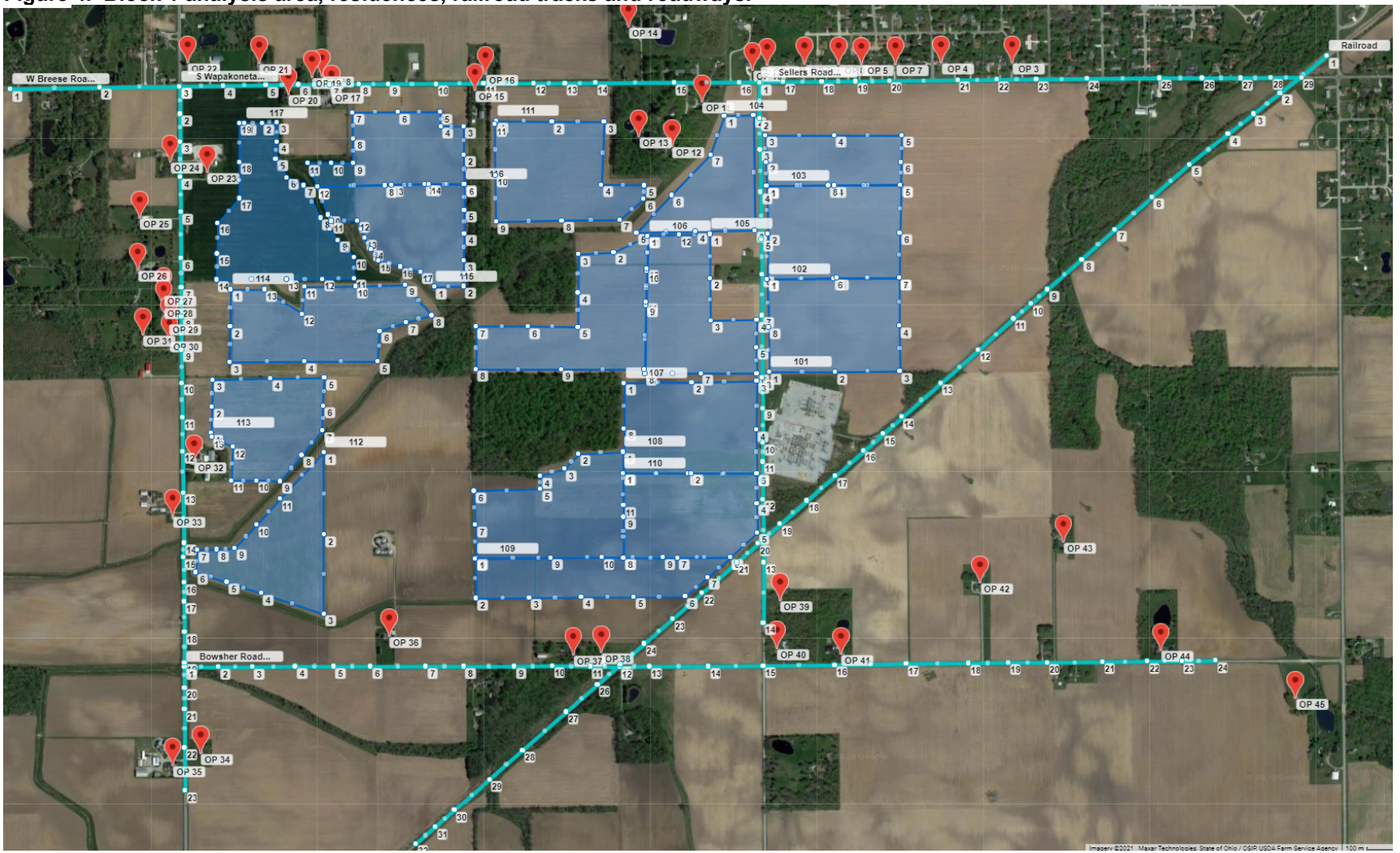
Airport/Heliport Name	Flightpaths Analyzed	Air Traffic Control Tower?
Youngpeter Airport	North and Southbound Approaches	No
Allen County Airport	East and Westbound Approaches	No
St. Rita's Medical Center Heliport	No flightpath, analyzed as Observation Point (OP) 1 500-ft AGL	No
Lima Memorial Hospital Heliport	No flightpath, analyzed as Observation Point (OP) 2 500-ft AGL	No

Figure 3. Birch Solar Project location with respect to two airports and two heliports analyzed for potential glare within 10 miles of the Project.



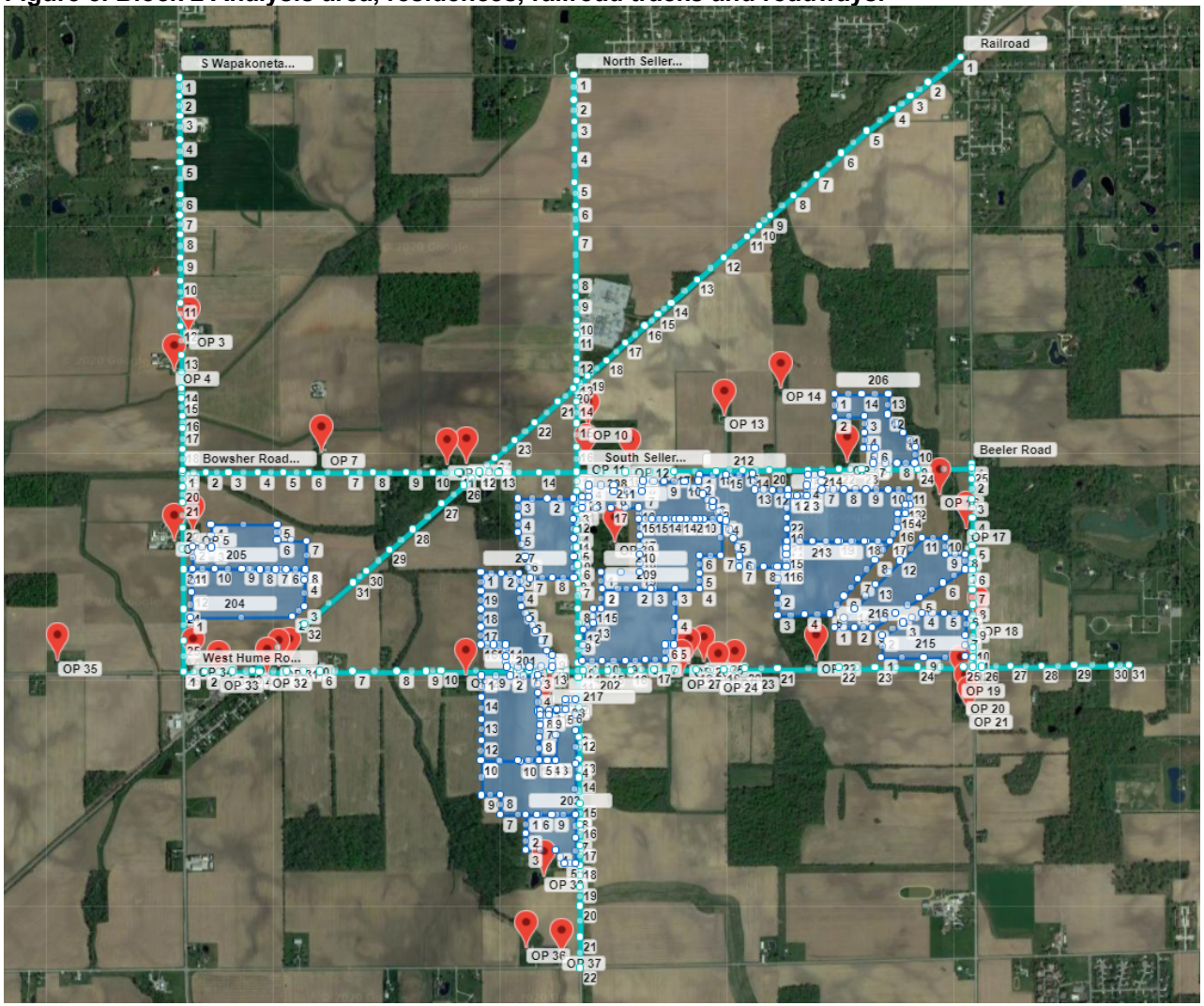
Source: ForgeSolar, Google Earth Imagery, December 2016.

Figure 4. Block 1 analysis area, residences, railroad tracks and roadways.



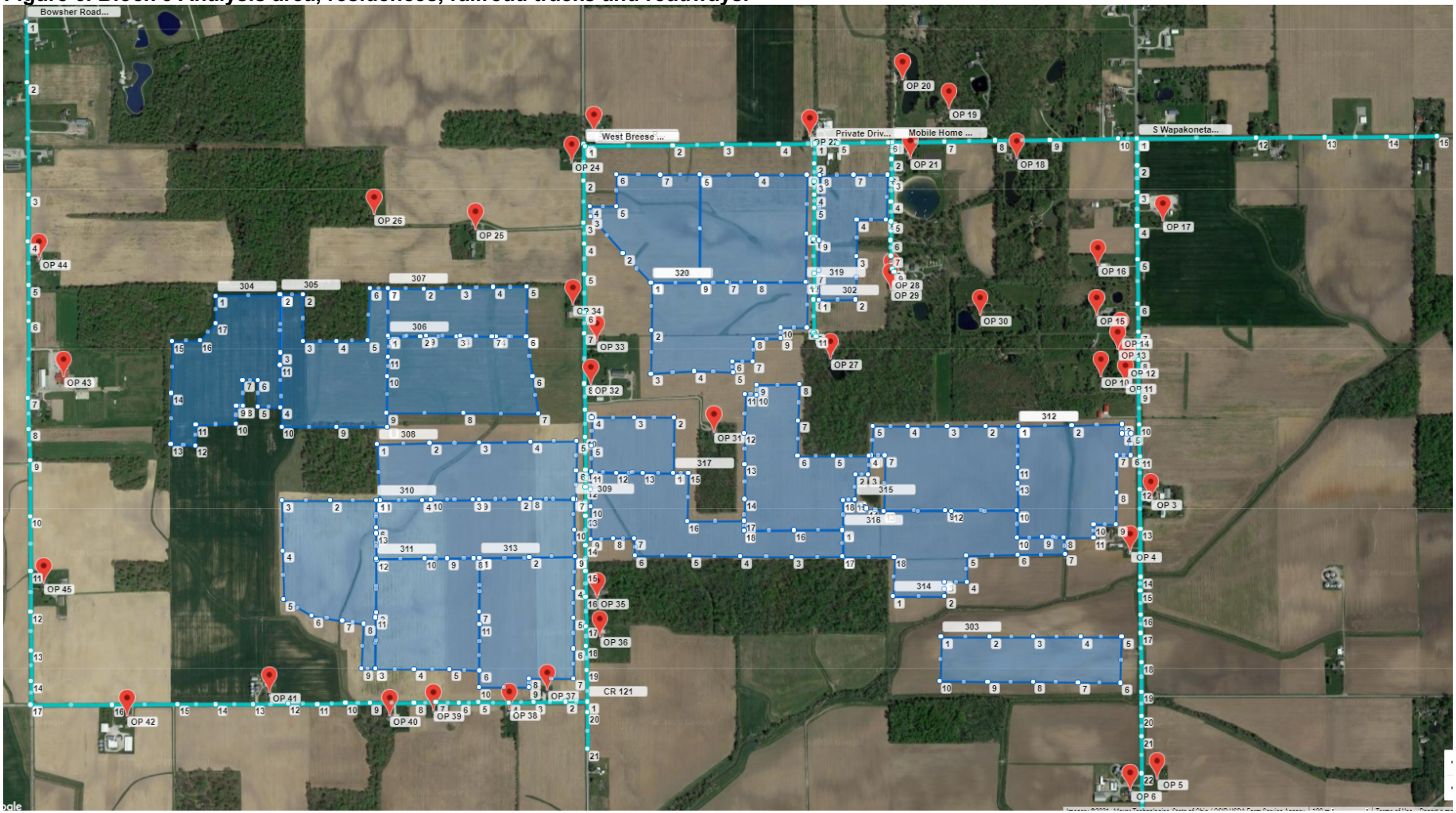
Source: ForgeSolar, Google Earth Imagery, May 2018.

Figure 5. Block 2 Analysis area, residences, railroad tracks and roadways.



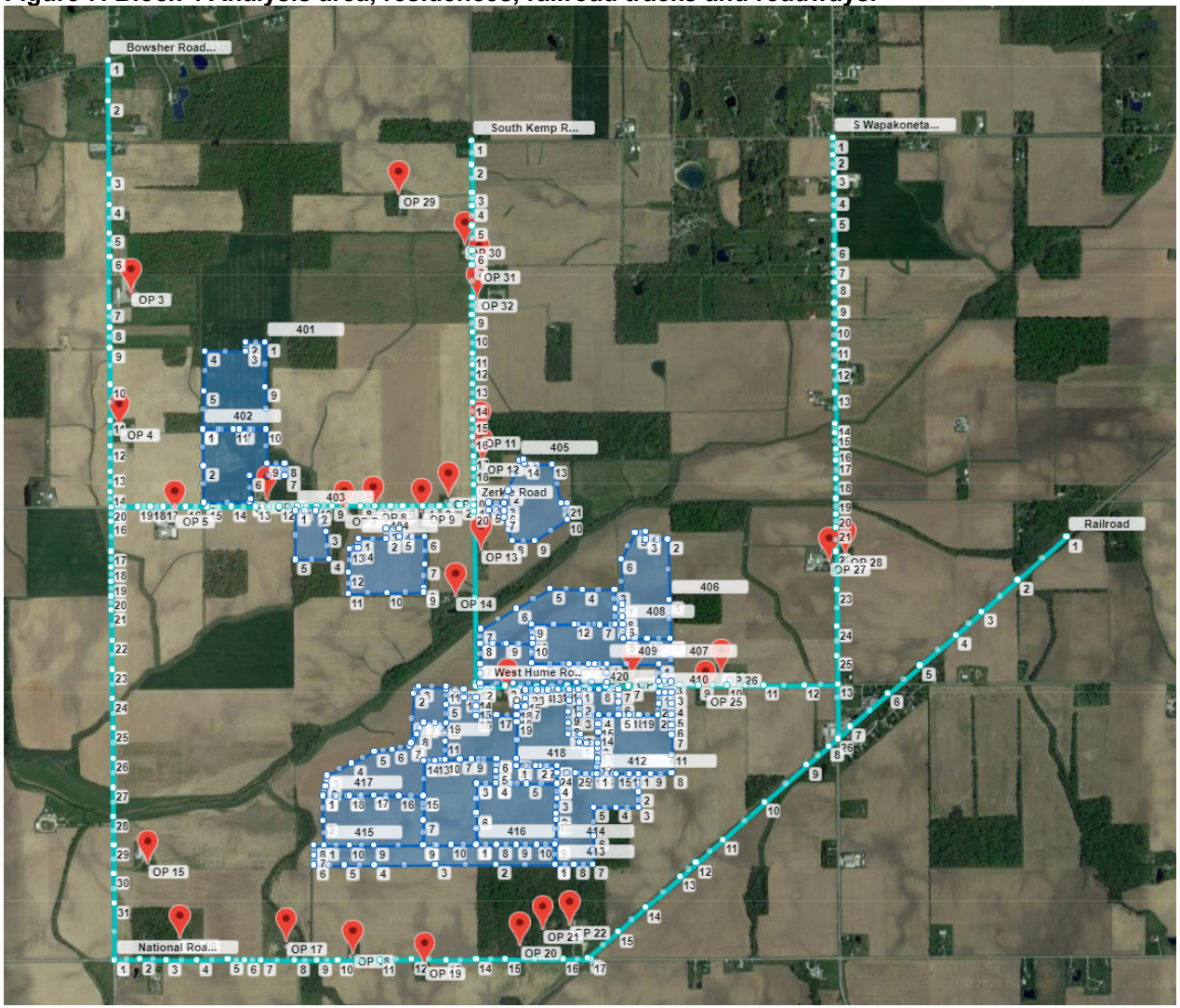
Source: ForgeSolar, Google Earth Imagery, May 2018.

Figure 6. Block 3 Analysis area, residences, railroad tracks and roadways.



Source: ForgeSolar, Google Earth Imagery, May 2018.

Figure 7. Block 4 Analysis area, residences, railroad tracks and roadways.



Source: ForgeSolar, Google Earth Imagery, May 2018.

Table 2: Roadways adjacent to panels analyzed for glare with Route numbers corresponding to Forgesolar analysis output.

Route Name	Blocks Including Road in Analysis
West Breese Road	1,3
Railroad	2,4
North Sellers Road	1,2
South Wapakoneta Road	1,2,4
Bowsher Road	1,2,4
West Hume Road	2,4
Sellers Road	2
Beeler Road	2
South Sellers Road	2
Mobile Home Park Road	3
Private Drive	3
South Kemp Road	3,4
Zerkle Road	3,4
County Road 121	3
National Road	4

All airports, roadways, railroad tracks, and residences were analyzed using 5-ft and 10-ft AGL panel heights to illustrate the range of impacts depending on the final height of the panels and trackers.

The arrays used in the analysis program were drawn to encompass the outer extent of the proposed arrays shown in Figure 1 in order to be conservative in the glare analysis by analyzing more area than the panels will actually occupy.

2.0 DATA INPUT SUMMARY

The parameters used for the analyses are listed below. “Default” indicates the default parameter value set by ForgeSolar and is considered the most conservative value for the parameter. “Chosen” parameters were selected to perform the most conservative analysis with respect to glare potential. “Provided” parameters are Project specific information provided by the client.

2.1 SOLAR ARRAY

The location of the solar array and array parameters used for the analyses are based on information provided by Birch Solar, LLC. The analyses described below were conducted using 5-ft and 10-ft panel heights above ground level. A detailed description of each parameter is provided in the Glossary.

Table 3: Solar Panel Parameters Used for the Glare Analysis for the Birch Solar Project

Parameter	Value Used	Default, Chosen or Provided?
Axis tracking	Single	Provided

Parameter	Value Used	Default, Chosen or Provided?
Tracking Axis Tilt (deg)	0.0	Provided
Tracking Axis Orientation (deg)	180.0	Provided
Tracking Axis Panel Offset (deg)	0.0	Default
Maximum Tracking Angle (deg)	52.0	Provided
Resting Angle (deg)	52.0	Provided
Rated Power (kW)	Not Used	NA
Vary reflectivity?	Yes	Default
Panel material	Smooth glass with Anti-Reflective Coating	Provided
Timezone offset	-5	Based on site location
Subtended angle of sun (mrad)	9.3	Default
Peak DNI (W/m^2)	1,000	Default
Ocular transmission coefficient	0.5	Default
Pupil diameter (m)	0.002	Default
Eye focal length (m)	0.017	Default
Time interval (min)	1	Default
Correlate slope error with surface type?	Yes	Default
Slope error (mrad)	8.43	Default

2.2 AIRPORT APPROACH PATHS

Two airports and two heliports were included in the glare analyses for this Project, including the airports/heliports listed in **Table 1** above. Because there is no approach path for a heliport, the helicopters were modeled as Observation Points (OPs 1 and 2) hovering 500-ft AGL above the hospital helipads. It is otherwise impossible to know when, where, or at what height a helicopter might fly. Approach paths were analyzed for all runways in all directions available to pilots, including both directions on the grass airstrip.

2.3 ROADWAYS AND PROPERTIES LOCATED ADJACENT TO THE SOLAR ARRAYS

This analysis included potential glare to vehicles travelling on 14 roads and one set of railroad tracks within and adjacent to the Project area (**Table 1**). The Forgesolar program sets the default viewing angle of the array at 50 degrees from the driver's direct line of sight (when looking forward). The Federal Aviation



Administration (FAA) has determined that glare beyond 50 degrees from the line of sight will have no impact on the viewer[3].

Potential glare to drivers was evaluated for both passenger vehicles and semi-trucks, where the passenger vehicles were assumed to have a maximum viewing height of 5-ft AGL while the viewing height for drivers of semi-trucks was assumed to be a maximum of 9-ft AGL. Potential glare to train engineers on the railroad tracks was analyzed for a 15-ft AGL viewing height. The location of the roadway and railway routes analyzed are shown as blue-green route lines on **Figures 4-7**.

The analyses for each of the four array blocks were run four times, once for 5-ft car heights and once for 9-ft truck heights (15-ft train heights were included in all analyses), with each vehicle height analyzed for 5-ft and 10-ft panel heights above ground level. While the maximum panel height will be 10 ft, the 5 ft panel height was analyzed to ensure that the full potential for glare was evaluated. Residences, airports, and the heliports were also analyzed for both panel heights, though which houses analyzed varies by block due to program limitations (not all 100 houses could be analyzed for every block at once). Potential glare to viewers from 100 residences in the vicinity of the Project was analyzed at 25-ft AGL viewing heights.

3.0 GLARE ANALYSES RESULTS

Stantec utilized the web-based ForgeSolar program for the glare analysis. ForgeSolar was used to analyze glare potential in one-minute increments throughout the year and the program identifies the three following types of glare (no color indicates no glare predicted):

GREEN - Low potential for temporary after-image.
YELLOW - Potential for temporary after-image.
RED - Potential for permanent eye damage.

3.1 AIRPORT APPROACH PATHS

Glare is not predicted for either of the two airports analyzed that are listed in **Table** 1 and depicted in **Figure 2**. This includes analysis of their combined four approach paths for the airports, at any time of the day, any time throughout the year, based on the input parameters described above. Glare is also not predicted for helicopters hovering 500-ft above two heliports at two hospitals located within 10 miles of the Project area. Results are shown for each of the named approach paths in the ForgeSolar reports in **Appendix A**. Since helicopters have no approach path, the helicopters were modeled as Observation Points (OPs 1 and 2) located above the hospital heliport because other helicopter flight locations and heights cannot be predicted.

[3] Rogers, J. A., et al. (2015). Evaluation of Glare as a Hazard for General Aviation Pilots on Final Approach, Federal Aviation Administration (link)

3.2 CONTROL TOWERS

There are no air traffic control towers associated with either of the airports or heliports included in this analysis so no glare impacts to air traffic control operations are anticipated.

3.3 ROADWAYS AND PROPERTIES LOCATED ADJACENT TO THE SOLAR ARRAYS

Glare is not predicted for drivers along the 14 roadways and one set of railroad tracks analyzed (**Table 1**) that are within or adjacent to the Project area. To model the potential for glare for a range of driver conditions, viewing heights of 5-ft (cars and small trucks), 9-ft (semi-trucks), and 15-ft (train engineers) AGL were assessed. Glare is also not predicted for the 100 residences, analyzed at 25-ft viewing heights for this Project, as shown in **Figures 4-7**.

4.0 CONCLUSIONS

Based on the solar array parameters provided and site layout, glare is not predicted for planes landing in either available direction at each of the two airports located within 10 miles of the Project area, or for helicopters hovering 500 feet above helipads at the two heliports within 10 miles of the Project area. Glare is not predicted for drivers of vehicles on 14 roadways and one set of railroad tracks within or adjacent to the Project area, at 5-ft (cars and small trucks), 9-ft (semi-trucks), or 15-ft (train engineer) viewing heights. Glare is also not predicted for 100 residences nearest to the Project area with 25-ft viewing heights.

APPENDIX A

Forgesolar Reports



Site Configuration: Block 1 5 ft veh 5 ft pan

Project site configuration details and results.

Created **Jan. 12, 2021 3:30 p.m.**
Updated **Jan. 13, 2021 2:05 p.m.**
DNI **varies** and peaks at **1,000.0 W/m^2**
Analyze every **1** minute(s)
0.5 ocular transmission coefficient
0.002 m pupil diameter
0.017 m eye focal length
9.3 mrad sun subtended angle
Timezone **UTC-5**
Site Configuration ID: 47932.8653

Summary of Results No glare predicted!

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
101	SA tracking	SA tracking	0	0	-
102	SA tracking	SA tracking	0	0	-
103	SA tracking	SA tracking	0	0	-
104	SA tracking	SA tracking	0	0	-
105	SA tracking	SA tracking	0	0	-
106	SA tracking	SA tracking	0	0	-
107	SA tracking	SA tracking	0	0	-
108	SA tracking	SA tracking	0	0	-
109	SA tracking	SA tracking	0	0	-
110	SA tracking	SA tracking	0	0	-
111	SA tracking	SA tracking	0	0	-
112	SA tracking	SA tracking	0	0	-
113	SA tracking	SA tracking	0	0	-
114	SA tracking	SA tracking	0	0	-
115	SA tracking	SA tracking	0	0	-
116	SA tracking	SA tracking	0	0	-
117	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Name: 101
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,014,640 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678960	-84.184301	841.29	5.00	846.29
2	40.678964	-84.182107	841.21	5.00	846.21
3	40.678976	-84.179988	841.62	5.00	846.62
4	40.680119	-84.180009	842.73	5.00	847.73
5	40.681320	-84.180009	841.85	5.00	846.85
6	40.681311	-84.182177	841.42	5.00	846.42
7	40.681291	-84.184365	841.63	5.00	846.63
8	40.680079	-84.184333	841.08	5.00	846.08



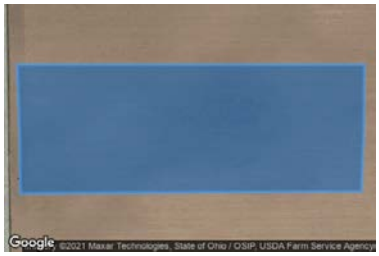
Name: 102
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,003,980 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.681294	-84.184370	841.63	5.00	846.63
2	40.682421	-84.184352	841.47	5.00	846.47
3	40.683621	-84.184397	840.70	5.00	845.70
4	40.683629	-84.182155	842.52	5.00	847.52
5	40.683637	-84.179956	842.27	5.00	847.27
6	40.682446	-84.179998	842.98	5.00	847.98
7	40.681327	-84.180020	841.85	5.00	846.85
8	40.681315	-84.182080	841.51	5.00	846.51



Name: 103
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 551,176 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.683621	-84.184397	840.70	5.00	845.70
2	40.684215	-84.184408	840.95	5.00	845.95
3	40.684890	-84.184440	841.60	5.00	846.60
4	40.684890	-84.182166	841.00	5.00	846.01
5	40.684890	-84.179934	841.13	5.00	846.13
6	40.684225	-84.179942	841.70	5.00	846.70
7	40.683642	-84.179972	842.28	5.00	847.28
8	40.683631	-84.182356	842.84	5.00	847.84



Name: 104
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 614,300 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685379	-84.185792	842.47	5.00	847.47
2	40.685395	-84.184826	841.52	5.00	846.52
3	40.682515	-84.184784	841.09	5.00	846.09
4	40.682482	-84.186720	840.54	5.00	845.54
5	40.682450	-84.188689	840.63	5.00	845.63
6	40.683385	-84.187519	840.19	5.00	845.19
7	40.684402	-84.186243	841.42	5.00	846.43



Name: 105
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 926,900 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682417	-84.186264	840.79	5.00	845.79
2	40.681298	-84.186259	845.65	5.00	850.65
3	40.680253	-84.186243	843.99	5.00	848.99
4	40.680269	-84.184719	842.17	5.00	847.17
5	40.679578	-84.184735	840.71	5.00	845.71
6	40.678935	-84.184719	840.81	5.00	845.81
7	40.678935	-84.186559	839.96	5.00	844.96
8	40.678935	-84.188410	841.89	5.00	846.89
9	40.680631	-84.188388	842.21	5.00	847.21
10	40.681483	-84.188346	839.96	5.00	844.96
11	40.682385	-84.188303	841.82	5.00	846.82
12	40.682401	-84.187262	840.63	5.00	845.63

Name: 106
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,020,794 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682360	-84.188313	842.10	5.00	847.10
2	40.681953	-84.189440	843.40	5.00	848.40
3	40.681913	-84.190599	840.16	5.00	845.16
4	40.680940	-84.190609	840.10	5.00	845.10
5	40.680090	-84.190620	841.26	5.00	846.26
6	40.680098	-84.192272	843.45	5.00	848.45
7	40.680106	-84.193989	840.25	5.00	845.25
8	40.679032	-84.193989	838.53	5.00	843.53
9	40.679032	-84.191175	843.52	5.00	848.52
10	40.679032	-84.188426	842.56	5.00	847.56
11	40.680717	-84.188386	841.40	5.00	846.40
12	40.681542	-84.188339	839.99	5.00	844.99

Name: 107
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 973,295 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678689	-84.189090	841.52	5.00	846.52
2	40.678710	-84.186870	840.21	5.00	845.21
3	40.678730	-84.184713	840.54	5.00	845.54
4	40.677518	-84.184729	839.80	5.00	844.80
5	40.676411	-84.184724	843.66	5.00	848.66
6	40.676419	-84.186961	840.12	5.00	845.13
7	40.676427	-84.189123	839.15	5.00	844.15
8	40.677546	-84.189101	839.63	5.00	844.63



Name: 108
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,035,580 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676968	-84.189133	839.23	5.00	844.23
2	40.676907	-84.190592	839.79	5.00	844.79
3	40.676541	-84.191075	839.03	5.00	844.03
4	40.676362	-84.191853	839.15	5.00	844.15
5	40.676033	-84.191858	839.43	5.00	844.43
6	40.675984	-84.194047	838.82	5.00	843.82
7	40.675131	-84.194010	839.55	5.00	844.55
8	40.674304	-84.193993	838.33	5.00	843.33
9	40.674314	-84.191526	838.18	5.00	843.18
10	40.674324	-84.189123	840.34	5.00	845.34
11	40.675634	-84.189117	838.91	5.00	843.91



Name: 109
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 689,926 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.674299	-84.194010	838.29	5.00	843.29
2	40.673307	-84.193993	837.61	5.00	842.62
3	40.673316	-84.192231	840.40	5.00	845.40
4	40.673325	-84.190501	842.72	5.00	847.72
5	40.673334	-84.188771	843.24	5.00	848.24
6	40.673343	-84.187084	840.22	5.00	845.22
7	40.673815	-84.186352	844.61	5.00	849.61
8	40.674328	-84.185577	849.78	5.00	854.78
9	40.674323	-84.187800	838.23	5.00	843.23
10	40.674318	-84.189831	840.04	5.00	845.04

Name: 110
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 884,043 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676427	-84.189133	839.15	5.00	844.15
2	40.676427	-84.186891	840.20	5.00	845.20
3	40.676423	-84.184724	843.65	5.00	848.65
4	40.675673	-84.184713	845.64	5.00	850.64
5	40.674950	-84.184702	846.57	5.00	851.57
6	40.674332	-84.185593	849.86	5.00	854.86
7	40.674316	-84.187323	840.17	5.00	845.17
8	40.674308	-84.189117	840.31	5.00	845.31
9	40.675339	-84.189120	838.79	5.00	843.79

Name: 111
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 978,067 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685240	-84.193322	845.13	5.00	850.13
2	40.685232	-84.191471	841.97	5.00	846.97
3	40.685224	-84.189749	843.08	5.00	848.08
4	40.683654	-84.189846	843.05	5.00	848.05
5	40.683629	-84.188430	839.89	5.00	844.89
6	40.683296	-84.188440	840.56	5.00	845.56
7	40.682775	-84.189234	840.11	5.00	845.11
8	40.682751	-84.191150	841.19	5.00	846.19
9	40.682726	-84.193322	840.52	5.00	845.52
10	40.683890	-84.193338	842.01	5.00	847.01
11	40.685167	-84.193354	845.40	5.00	850.40

Name: 112
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 803,218 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676943	-84.199009	837.72	5.00	842.72
2	40.674893	-84.199009	838.74	5.00	843.74
3	40.672915	-84.199009	837.42	5.00	842.42
4	40.673424	-84.201074	837.65	5.00	842.65
5	40.673703	-84.202209	836.60	5.00	841.60
6	40.673957	-84.203236	836.49	5.00	841.49
7	40.674502	-84.203193	835.36	5.00	840.36
8	40.674526	-84.202549	835.70	5.00	840.70
9	40.674551	-84.201938	836.99	5.00	841.99
10	40.675145	-84.201214	835.95	5.00	840.95
11	40.675796	-84.200436	836.87	5.00	841.87

Name: 113
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 785,769 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.677431	-84.202721	837.86	5.00	842.86
2	40.678078	-84.202699	837.93	5.00	842.93
3	40.678774	-84.202678	839.68	5.00	844.68
4	40.678798	-84.200763	840.89	5.00	845.89
5	40.678823	-84.198977	839.81	5.00	844.81
6	40.678119	-84.199025	839.07	5.00	844.07
7	40.677496	-84.199041	837.41	5.00	842.41
8	40.676878	-84.199728	836.55	5.00	841.55
9	40.676235	-84.200436	836.61	5.00	841.61
10	40.676243	-84.201224	838.01	5.00	843.01
11	40.676251	-84.202045	838.79	5.00	843.79
12	40.677090	-84.202013	837.80	5.00	842.80
13	40.677334	-84.202689	837.80	5.00	842.80

Name: 114
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,000,245 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.681036	-84.202077	847.77	5.00	852.77
2	40.680100	-84.202093	844.64	5.00	849.64
3	40.679213	-84.202109	840.56	5.00	845.56
4	40.679221	-84.199647	838.81	5.00	843.81
5	40.679229	-84.197217	838.31	5.00	843.31
6	40.679994	-84.197153	839.36	5.00	844.36
7	40.680202	-84.196278	839.60	5.00	844.60
8	40.680377	-84.195447	839.14	5.00	844.14
9	40.681142	-84.196316	839.70	5.00	844.70
10	40.681117	-84.197947	840.53	5.00	845.53
11	40.681093	-84.199652	843.88	5.00	848.88
12	40.680409	-84.199717	839.32	5.00	844.32
13	40.681028	-84.200951	845.76	5.00	850.76

Name: 115
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 834,675 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.681093	-84.195361	840.47	5.00	845.47
2	40.681109	-84.194395	839.85	5.00	844.85
3	40.681742	-84.194382	842.69	5.00	847.69
4	40.682423	-84.194379	839.82	5.00	844.82
5	40.683011	-84.194377	841.10	5.00	846.10
6	40.683656	-84.194352	842.30	5.00	847.30
7	40.683658	-84.195677	844.56	5.00	849.56
8	40.683635	-84.196992	846.16	5.00	851.16
9	40.683599	-84.199223	845.09	5.00	850.09
10	40.682899	-84.198859	843.90	5.00	848.90
11	40.682744	-84.198741	843.22	5.00	848.22
12	40.682752	-84.197893	843.62	5.00	848.62
13	40.682321	-84.197657	842.79	5.00	847.79
14	40.682037	-84.197442	841.29	5.00	846.29
15	40.681752	-84.197196	840.71	5.00	845.71
16	40.681601	-84.196477	839.82	5.00	844.82
17	40.681475	-84.195801	839.52	5.00	844.52

Name: 116
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 714,934 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.683668	-84.194369	842.37	5.00	847.37
2	40.684396	-84.194390	846.81	5.00	851.81
3	40.685120	-84.194395	845.71	5.00	850.71
4	40.685120	-84.195146	845.54	5.00	850.54
5	40.685478	-84.195157	845.85	5.00	850.85
6	40.685470	-84.196557	846.95	5.00	851.95
7	40.685462	-84.198054	846.52	5.00	851.52
8	40.684799	-84.198043	845.96	5.00	850.96
9	40.684193	-84.198032	845.16	5.00	850.16
10	40.684184	-84.198741	847.38	5.00	852.38
11	40.684184	-84.199545	845.70	5.00	850.70
12	40.683603	-84.199213	845.13	5.00	850.13
13	40.683652	-84.196772	845.82	5.00	850.82
14	40.683660	-84.195522	844.37	5.00	849.37

Name: 117
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,054,217 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685190	-84.201627	851.51	5.00	856.51
2	40.685198	-84.201042	849.45	5.00	854.45
3	40.685206	-84.200543	851.09	5.00	856.09
4	40.684722	-84.200548	848.56	5.00	853.56
5	40.684303	-84.200597	846.94	5.00	851.94
6	40.683823	-84.200237	846.04	5.00	851.04
7	40.683636	-84.199663	845.33	5.00	850.33
8	40.682815	-84.199116	843.38	5.00	848.38
9	40.682257	-84.198526	842.76	5.00	847.76
10	40.681830	-84.198000	841.87	5.00	846.87
11	40.681301	-84.197989	841.33	5.00	846.33
12	40.681295	-84.199041	843.97	5.00	848.97
13	40.681289	-84.200221	846.09	5.00	851.09
14	40.681277	-84.202539	845.93	5.00	850.93
15	40.681928	-84.202517	846.76	5.00	851.76
16	40.682693	-84.202496	848.97	5.00	853.97
17	40.683303	-84.201798	848.37	5.00	853.37
18	40.684222	-84.201793	849.42	5.00	854.42
19	40.685190	-84.201788	852.17	5.00	857.17

2-Mile Flight Path Receptor(s)

Name: Allen County Airport Runway 10
Description:
Threshold height : 50 ft
Direction: 90.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg



Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706950	-84.038757	946.44	50.00	996.44
2-mile point	40.706950	-84.076942	904.00	645.90	1549.90

Name: Allen County Airport Runway 28
Description:
Threshold height : 50 ft
Direction: 270.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706946	-84.017749	975.51	50.00	1025.51
2-mile point	40.706946	-83.979564	980.77	598.20	1578.97



Name: Youngpeter Airport North Approach
Description:
Threshold height : 50 ft
Direction: 0.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.780297	-84.368399	803.72	50.00	853.72
2-mile point	40.751384	-84.368399	808.77	598.41	1407.18



Name: Youngpeter Airport South Approach
Description:
Threshold height : 50 ft
Direction: 180.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.786471	-84.368410	791.74	50.00	841.74
2-mile point	40.815384	-84.368410	782.35	612.85	1395.20



Route Receptor(s)

Name: Bowsher Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671579	-84.203605	841.68	5.00	846.68
2	40.671581	-84.202486	837.50	5.00	842.50
3	40.671578	-84.201372	837.11	5.00	842.11
4	40.671583	-84.199939	838.05	5.00	843.05
5	40.671584	-84.198687	838.51	5.00	843.51
6	40.671585	-84.197453	838.10	5.00	843.10
7	40.671585	-84.195645	840.22	5.00	845.22
8	40.671587	-84.194385	843.68	5.00	848.68
9	40.671597	-84.192718	848.82	5.00	853.82
10	40.671599	-84.191451	850.06	5.00	855.07
11	40.671592	-84.190208	849.52	5.00	854.52
12	40.671582	-84.189233	848.74	5.00	853.74
13	40.671587	-84.188258	846.98	5.00	851.98
14	40.671597	-84.186311	843.58	5.00	848.58
15	40.671610	-84.184490	843.75	5.00	848.75
16	40.671627	-84.182128	849.94	5.00	854.94
17	40.671647	-84.179779	849.27	5.00	854.27
18	40.671666	-84.177713	854.31	5.00	859.31
19	40.671682	-84.176418	853.44	5.00	858.44
20	40.671691	-84.175132	855.37	5.00	860.38
21	40.671700	-84.173304	855.94	5.00	860.94
22	40.671712	-84.171810	855.21	5.00	860.21
23	40.671722	-84.170685	857.33	5.00	862.33
24	40.671729	-84.169558	854.19	5.00	859.19

Name: Railroad
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686866	-84.165890	843.38	15.00	858.38
2	40.685945	-84.167443	841.84	15.00	856.84
3	40.685417	-84.168316	842.24	15.00	857.24
4	40.684918	-84.169162	842.47	15.00	857.47
5	40.684148	-84.170426	844.05	15.00	859.05
6	40.683333	-84.171666	845.98	15.00	860.98
7	40.682526	-84.172885	847.67	15.00	862.67
8	40.681784	-84.173991	848.14	15.00	863.14
9	40.681037	-84.175121	847.88	15.00	862.88
10	40.680668	-84.175664	848.51	15.00	863.51
11	40.680290	-84.176235	848.42	15.00	863.42
12	40.679515	-84.177396	848.86	15.00	863.86
13	40.678682	-84.178644	848.84	15.00	863.84
14	40.677833	-84.179920	849.08	15.00	864.08
15	40.677419	-84.180544	849.15	15.00	864.15
16	40.676989	-84.181192	848.83	15.00	863.83
17	40.676363	-84.182119	850.37	15.00	865.37
18	40.675740	-84.183055	851.89	15.00	866.89
19	40.675146	-84.183948	851.46	15.00	866.46
20	40.674668	-84.184665	850.62	15.00	865.62
21	40.674186	-84.185380	849.40	15.00	864.40
22	40.673435	-84.186519	847.70	15.00	862.70
23	40.672786	-84.187487	846.64	15.00	861.64
24	40.672157	-84.188432	847.55	15.00	862.55
25	40.671637	-84.189211	847.94	15.00	862.94
26	40.671140	-84.189961	847.38	15.00	862.38
27	40.670444	-84.191007	845.82	15.00	860.82
28	40.669498	-84.192429	845.14	15.00	860.14
29	40.668756	-84.193538	844.60	15.00	859.60
30	40.667986	-84.194687	844.75	15.00	859.75
31	40.667570	-84.195314	844.92	15.00	859.92
32	40.667147	-84.195947	845.05	15.00	860.05

Name: Sellers Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686198	-84.184633	844.07	5.00	849.07
2	40.685307	-84.184633	842.40	5.00	847.40
3	40.684522	-84.184606	842.28	5.00	847.28
4	40.683468	-84.184574	842.32	5.00	847.32
5	40.682281	-84.184564	842.83	5.00	847.83
6	40.681404	-84.184537	842.84	5.00	847.84
7	40.680377	-84.184531	842.81	5.00	847.81
8	40.678815	-84.184534	842.04	5.00	847.04
9	40.678056	-84.184521	842.19	5.00	847.19
10	40.677189	-84.184513	842.87	5.00	847.87
11	40.676715	-84.184513	844.45	5.00	849.45
12	40.675778	-84.184511	849.84	5.00	854.84
13	40.674189	-84.184484	850.70	5.00	855.70
14	40.672677	-84.184488	842.86	5.00	847.86

Name: S Wapakoneta Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686108	-84.203756	863.93	5.00	868.93
2	40.685427	-84.203755	859.88	5.00	864.88
3	40.684717	-84.203744	857.16	5.00	862.16
4	40.683843	-84.203739	852.37	5.00	857.37
5	40.682971	-84.203725	850.06	5.00	855.06
6	40.681809	-84.203720	848.70	5.00	853.70
7	40.681074	-84.203704	846.77	5.00	851.78
8	40.680339	-84.203700	846.99	5.00	851.99
9	40.679512	-84.203696	844.10	5.00	849.10
10	40.678684	-84.203680	840.93	5.00	845.93
11	40.677829	-84.203666	839.72	5.00	844.72
12	40.676972	-84.203661	841.45	5.00	846.45
13	40.675934	-84.203639	841.01	5.00	846.01
14	40.674681	-84.203627	840.14	5.00	845.14
15	40.674321	-84.203630	839.44	5.00	844.44
16	40.673687	-84.203615	838.85	5.00	843.85
17	40.673213	-84.203610	839.19	5.00	844.19
18	40.672454	-84.203607	839.24	5.00	844.24
19	40.671691	-84.203606	841.32	5.00	846.32
20	40.671060	-84.203591	840.96	5.00	845.96
21	40.670509	-84.203595	839.16	5.00	844.16
22	40.669557	-84.203588	840.63	5.00	845.63
23	40.668480	-84.203575	840.39	5.00	845.39

Name: W Breese Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686047	-84.209349	850.25	5.00	855.25
2	40.686087	-84.206410	858.70	5.00	863.70
3	40.686111	-84.203765	863.92	5.00	868.92
4	40.686126	-84.202330	855.92	5.00	860.92
5	40.686141	-84.200907	853.72	5.00	858.72
6	40.686149	-84.199852	855.17	5.00	860.17
7	40.686157	-84.198812	852.46	5.00	857.46
8	40.686164	-84.197841	850.20	5.00	855.20
9	40.686167	-84.196877	853.40	5.00	858.40
10	40.686176	-84.195300	849.35	5.00	854.35
11	40.686183	-84.193736	849.40	5.00	854.40
12	40.686188	-84.192065	846.43	5.00	851.43
13	40.686194	-84.191050	846.86	5.00	851.86
14	40.686195	-84.190032	846.49	5.00	851.49
15	40.686199	-84.187440	845.08	5.00	850.08
16	40.686204	-84.185303	844.55	5.00	849.55
17	40.686214	-84.183828	843.52	5.00	848.52
18	40.686224	-84.182569	843.62	5.00	848.62
19	40.686233	-84.181452	843.02	5.00	848.02
20	40.686245	-84.180331	842.81	5.00	847.81
21	40.686264	-84.178084	843.27	5.00	848.28
22	40.686277	-84.176787	843.95	5.00	848.95
23	40.686277	-84.175488	842.30	5.00	847.30
24	40.686297	-84.173821	842.32	5.00	847.32
25	40.686310	-84.171432	841.48	5.00	846.48
26	40.686312	-84.170007	841.52	5.00	846.52
27	40.686313	-84.168759	831.98	5.00	836.98
28	40.686326	-84.167747	841.69	5.00	846.69
29	40.686327	-84.166729	844.50	5.00	849.50

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	ft	ft	ft
OP 1	40.740549	-84.118333	868.53	500.02	1368.56
OP 2	40.735693	-84.086896	885.19	500.02	1385.21
OP 3	40.686684	-84.176280	842.37	25.00	867.37
OP 4	40.686697	-84.178619	842.57	25.00	867.57
OP 5	40.686636	-84.181269	843.24	25.00	868.24
OP 6	40.686664	-84.183136	844.00	25.00	869.00
OP 7	40.686666	-84.180129	843.32	25.00	868.32
OP 8	40.686662	-84.182020	843.57	25.00	868.57
OP 9	40.686621	-84.184369	844.90	25.00	869.90
OP 10	40.686518	-84.184833	845.11	25.00	870.11
OP 11	40.685718	-84.186512	844.63	25.00	869.63
OP 12	40.684593	-84.187508	842.75	25.00	867.75
OP 13	40.684838	-84.188588	846.38	25.00	871.38
OP 14	40.687579	-84.188945	844.34	25.00	869.34
OP 15	40.685995	-84.194015	851.06	25.00	876.06
OP 16	40.686414	-84.193660	850.39	25.00	875.39
OP 17	40.685952	-84.198738	850.60	22.00	872.60
OP 18	40.686369	-84.199068	853.16	20.00	873.16
OP 19	40.686324	-84.199395	854.98	25.00	879.98
OP 20	40.685887	-84.200168	856.23	25.00	881.23
OP 21	40.686668	-84.201125	855.31	25.00	880.31
OP 22	40.686697	-84.203499	864.74	25.00	889.74
OP 23	40.683947	-84.202836	856.90	25.00	881.90
OP 24	40.684207	-84.204070	854.25	25.00	879.26
OP 25	40.682795	-84.205076	850.68	25.00	875.68
OP 26	40.681494	-84.205140	847.47	25.00	872.48
OP 27	40.680881	-84.204282	846.25	25.00	871.25
OP 28	40.680580	-84.204277	845.57	25.00	870.57
OP 29	40.680161	-84.204108	848.34	25.00	873.34
OP 30	40.679726	-84.204100	846.75	25.00	871.75
OP 31	40.679881	-84.204966	846.60	25.00	871.60
OP 32	40.676707	-84.203284	841.17	25.00	866.18
OP 33	40.675336	-84.203992	839.53	25.00	864.53
OP 34	40.669414	-84.203064	842.79	25.00	867.79
OP 35	40.669097	-84.203976	845.94	25.00	870.94
OP 36	40.672336	-84.196844	839.88	25.00	864.88
OP 37	40.671874	-84.190764	850.47	25.00	875.47
OP 38	40.671919	-84.189838	847.65	25.00	872.65
OP 39	40.673235	-84.183948	844.64	25.00	869.64
OP 40	40.672029	-84.184039	848.18	25.00	873.18
OP 41	40.671876	-84.181931	851.27	25.00	876.28
OP 42	40.673666	-84.177339	860.26	25.00	885.26
OP 43	40.674675	-84.174590	862.24	25.00	887.24
OP 44	40.671984	-84.171377	860.22	25.00	885.22
OP 45	40.670771	-84.166916	856.00	25.00	881.00

PV Array Results

Summary of PV Glare Analysis PV configuration and predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
101	SA tracking	SA tracking	0	0	-	-
102	SA tracking	SA tracking	0	0	-	-
103	SA tracking	SA tracking	0	0	-	-
104	SA tracking	SA tracking	0	0	-	-
105	SA tracking	SA tracking	0	0	-	-
106	SA tracking	SA tracking	0	0	-	-
107	SA tracking	SA tracking	0	0	-	-
108	SA tracking	SA tracking	0	0	-	-
109	SA tracking	SA tracking	0	0	-	-
110	SA tracking	SA tracking	0	0	-	-
111	SA tracking	SA tracking	0	0	-	-
112	SA tracking	SA tracking	0	0	-	-
113	SA tracking	SA tracking	0	0	-	-
114	SA tracking	SA tracking	0	0	-	-
115	SA tracking	SA tracking	0	0	-	-
116	SA tracking	SA tracking	0	0	-	-
117	SA tracking	SA tracking	0	0	-	-

Click the name of the PV array to scroll to its results

PV & Receptor Analysis Results detailed results for each PV array and receptor

101 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

102 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

103 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

104 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

105 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

106 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

107 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

108 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

109 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

110 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

111 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

112 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

113 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

114 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

115 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

116 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

117 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results for large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Glare vector plots are simplified representations of analysis data. Actual glare emanations and results may differ.
- Glare analysis methods used: OP V1, FP V1, Route V1
- Refer to the **Help page** for assumptions and limitations not listed here.

Site Configuration: Block 1 5 ft veh 10 ft pan

Project site configuration details and results.

Created **Jan. 13, 2021 3:26 p.m.**
Updated **Jan. 14, 2021 5:16 p.m.**
DNI **varies** and peaks at **1,000.0 W/m^2**
Analyze every **1** minute(s)
0.5 ocular transmission coefficient
0.002 m pupil diameter
0.017 m eye focal length
9.3 mrad sun subtended angle
Timezone **UTC-5**
Site Configuration ID: 48023.8653

Summary of Results No glare predicted!

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
101	SA tracking	SA tracking	0	0	-
102	SA tracking	SA tracking	0	0	-
103	SA tracking	SA tracking	0	0	-
104	SA tracking	SA tracking	0	0	-
105	SA tracking	SA tracking	0	0	-
106	SA tracking	SA tracking	0	0	-
107	SA tracking	SA tracking	0	0	-
108	SA tracking	SA tracking	0	0	-
109	SA tracking	SA tracking	0	0	-
110	SA tracking	SA tracking	0	0	-
111	SA tracking	SA tracking	0	0	-
112	SA tracking	SA tracking	0	0	-
113	SA tracking	SA tracking	0	0	-
114	SA tracking	SA tracking	0	0	-
115	SA tracking	SA tracking	0	0	-
116	SA tracking	SA tracking	0	0	-
117	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Name: 101
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,014,640 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678960	-84.184301	841.29	10.00	851.29
2	40.678964	-84.182107	841.21	10.00	851.21
3	40.678976	-84.179988	841.62	10.00	851.62
4	40.680119	-84.180009	842.73	10.00	852.73
5	40.681320	-84.180009	841.85	10.00	851.85
6	40.681311	-84.182177	841.42	10.00	851.42
7	40.681291	-84.184365	841.63	10.00	851.63
8	40.680079	-84.184333	841.08	10.00	851.08



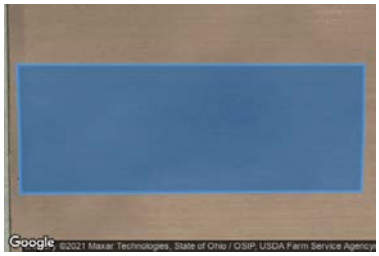
Name: 102
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,003,980 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.681294	-84.184370	841.63	10.00	851.63
2	40.682421	-84.184352	841.47	10.00	851.47
3	40.683621	-84.184397	840.70	10.00	850.70
4	40.683629	-84.182155	842.52	10.00	852.52
5	40.683637	-84.179956	842.27	10.00	852.27
6	40.682446	-84.179998	842.98	10.00	852.98
7	40.681327	-84.180020	841.85	10.00	851.86
8	40.681315	-84.182080	841.51	10.00	851.51



Name: 103
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 551,176 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.683621	-84.184397	840.70	10.00	850.70
2	40.684215	-84.184408	840.95	10.00	850.95
3	40.684890	-84.184440	841.60	10.00	851.60
4	40.684890	-84.182166	841.00	10.00	851.01
5	40.684890	-84.179934	841.13	10.00	851.13
6	40.684225	-84.179942	841.70	10.00	851.70
7	40.683642	-84.179972	842.28	10.00	852.28
8	40.683631	-84.182356	842.84	10.00	852.84



Name: 104
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 614,300 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685379	-84.185792	842.47	10.00	852.47
2	40.685395	-84.184826	841.52	10.00	851.52
3	40.682515	-84.184784	841.09	10.00	851.09
4	40.682482	-84.186720	840.54	10.00	850.54
5	40.682450	-84.188689	840.63	10.00	850.63
6	40.683385	-84.187519	840.19	10.00	850.19
7	40.684402	-84.186243	841.42	10.00	851.43



Name: 105
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 926,900 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682417	-84.186264	840.79	10.00	850.79
2	40.681298	-84.186259	845.65	10.00	855.65
3	40.680253	-84.186243	843.99	10.00	853.99
4	40.680269	-84.184719	842.17	10.00	852.17
5	40.679578	-84.184735	840.71	10.00	850.71
6	40.678935	-84.184719	840.81	10.00	850.81
7	40.678935	-84.186559	839.96	10.00	849.96
8	40.678935	-84.188410	841.89	10.00	851.89
9	40.680631	-84.188388	842.21	10.00	852.21
10	40.681483	-84.188346	839.96	10.00	849.96
11	40.682385	-84.188303	841.82	10.00	851.82
12	40.682401	-84.187262	840.63	10.00	850.63

Name: 106
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,020,794 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682360	-84.188313	842.10	10.00	852.10
2	40.681953	-84.189440	843.40	10.00	853.40
3	40.681913	-84.190599	840.16	10.00	850.16
4	40.680940	-84.190609	840.10	10.00	850.10
5	40.680090	-84.190620	841.26	10.00	851.26
6	40.680098	-84.192272	843.45	10.00	853.45
7	40.680106	-84.193989	840.25	10.00	850.25
8	40.679032	-84.193989	838.53	10.00	848.53
9	40.679032	-84.191175	843.52	10.00	853.52
10	40.679032	-84.188426	842.56	10.00	852.57
11	40.680717	-84.188386	841.40	10.00	851.40
12	40.681542	-84.188339	839.99	10.00	849.99

Name: 107
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 973,295 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678689	-84.189090	841.52	10.00	851.52
2	40.678710	-84.186870	840.21	10.00	850.21
3	40.678730	-84.184713	840.54	10.00	850.54
4	40.677518	-84.184729	839.80	10.00	849.80
5	40.676411	-84.184724	843.66	10.00	853.66
6	40.676419	-84.186961	840.12	10.00	850.13
7	40.676427	-84.189123	839.15	10.00	849.15
8	40.677546	-84.189101	839.63	10.00	849.63



Name: 108
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,035,580 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676968	-84.189133	839.23	10.00	849.23
2	40.676907	-84.190592	839.79	10.00	849.79
3	40.676541	-84.191075	839.03	10.00	849.03
4	40.676362	-84.191853	839.15	10.00	849.15
5	40.676033	-84.191858	839.43	10.00	849.43
6	40.675984	-84.194047	838.82	10.00	848.82
7	40.675131	-84.194010	839.55	10.00	849.55
8	40.674304	-84.193993	838.33	10.00	848.33
9	40.674314	-84.191526	838.18	10.00	848.18
10	40.674324	-84.189123	840.34	10.00	850.34
11	40.675634	-84.189117	838.91	10.00	848.91



Name: 109
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 689,926 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.674299	-84.194010	838.29	10.00	848.29
2	40.673307	-84.193993	837.61	10.00	847.62
3	40.673316	-84.192231	840.40	10.00	850.40
4	40.673325	-84.190501	842.72	10.00	852.72
5	40.673334	-84.188771	843.24	10.00	853.24
6	40.673343	-84.187084	840.22	10.00	850.22
7	40.673815	-84.186352	844.61	10.00	854.61
8	40.674328	-84.185577	849.78	10.00	859.78
9	40.674323	-84.187800	838.23	10.00	848.23
10	40.674318	-84.189831	840.04	10.00	850.04

Name: 110
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 884,043 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676427	-84.189133	839.15	10.00	849.15
2	40.676427	-84.186891	840.20	10.00	850.20
3	40.676423	-84.184724	843.65	10.00	853.65
4	40.675673	-84.184713	845.64	10.00	855.64
5	40.674950	-84.184702	846.57	10.00	856.57
6	40.674332	-84.185593	849.86	10.00	859.86
7	40.674316	-84.187323	840.17	10.00	850.17
8	40.674308	-84.189117	840.31	10.00	850.31
9	40.675339	-84.189120	838.79	10.00	848.79

Name: 111
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 978,067 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685240	-84.193322	845.13	10.00	855.13
2	40.685232	-84.191471	841.97	10.00	851.97
3	40.685224	-84.189749	843.08	10.00	853.08
4	40.683654	-84.189846	843.05	10.00	853.05
5	40.683629	-84.188430	839.89	10.00	849.89
6	40.683296	-84.188440	840.56	10.00	850.56
7	40.682775	-84.189234	840.11	10.00	850.12
8	40.682751	-84.191150	841.19	10.00	851.19
9	40.682726	-84.193322	840.52	10.00	850.53
10	40.683890	-84.193338	842.01	10.00	852.01
11	40.685167	-84.193354	845.40	10.00	855.40

Name: 112
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 803,218 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676943	-84.199009	837.72	10.00	847.72
2	40.674893	-84.199009	838.74	10.00	848.74
3	40.672915	-84.199009	837.42	10.00	847.42
4	40.673424	-84.201074	837.65	10.00	847.65
5	40.673703	-84.202209	836.60	10.00	846.60
6	40.673957	-84.203236	836.49	10.00	846.49
7	40.674502	-84.203193	835.36	10.00	845.36
8	40.674526	-84.202549	835.70	10.00	845.70
9	40.674551	-84.201938	836.99	10.00	846.99
10	40.675145	-84.201214	835.95	10.00	845.95
11	40.675796	-84.200436	836.87	10.00	846.87

Name: 113
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 785,769 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.677431	-84.202721	837.86	10.00	847.86
2	40.678078	-84.202699	837.93	10.00	847.93
3	40.678774	-84.202678	839.68	10.00	849.68
4	40.678798	-84.200763	840.89	10.00	850.89
5	40.678823	-84.198977	839.81	10.00	849.81
6	40.678119	-84.199025	839.07	10.00	849.08
7	40.677496	-84.199041	837.41	10.00	847.41
8	40.676878	-84.199728	836.55	10.00	846.55
9	40.676235	-84.200436	836.61	10.00	846.61
10	40.676243	-84.201224	838.01	10.00	848.01
11	40.676251	-84.202045	838.79	10.00	848.79
12	40.677090	-84.202013	837.80	10.00	847.80
13	40.677334	-84.202689	837.80	10.00	847.80

Name: 114
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,000,245 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.681036	-84.202077	847.77	10.00	857.77
2	40.680100	-84.202093	844.64	10.00	854.64
3	40.679213	-84.202109	840.56	10.00	850.56
4	40.679221	-84.199647	838.81	10.00	848.81
5	40.679229	-84.197217	838.31	10.00	848.31
6	40.679994	-84.197153	839.36	10.00	849.36
7	40.680202	-84.196278	839.60	10.00	849.60
8	40.680377	-84.195447	839.14	10.00	849.14
9	40.681142	-84.196316	839.70	10.00	849.70
10	40.681117	-84.197947	840.53	10.00	850.53
11	40.681093	-84.199652	843.88	10.00	853.88
12	40.680409	-84.199717	839.32	10.00	849.32
13	40.681028	-84.200951	845.76	10.00	855.76

Name: 115
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 834,632 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.681093	-84.195361	840.47	10.00	850.47
2	40.681109	-84.194395	839.85	10.00	849.85
3	40.681742	-84.194382	842.69	10.00	852.69
4	40.682423	-84.194379	839.82	10.00	849.82
5	40.683011	-84.194377	841.10	10.00	851.10
6	40.683656	-84.194352	842.30	10.00	852.30
7	40.683658	-84.195677	844.56	10.00	854.56
8	40.683635	-84.196992	846.16	10.00	856.16
9	40.683599	-84.199223	845.09	10.00	855.09
10	40.682899	-84.198859	843.90	10.00	853.90
11	40.682744	-84.198741	843.22	10.00	853.23
12	40.682752	-84.197893	843.62	10.00	853.62
13	40.682321	-84.197657	842.79	10.00	852.79
14	40.682037	-84.197442	841.29	10.00	851.29
15	40.681752	-84.197196	840.71	10.00	850.71
16	40.681601	-84.196477	839.82	10.00	849.82
17	40.681475	-84.195801	839.52	10.00	849.52

Name: 116
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 714,934 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.683668	-84.194369	842.37	10.00	852.37
2	40.684396	-84.194390	846.81	10.00	856.81
3	40.685120	-84.194395	845.71	10.00	855.71
4	40.685120	-84.195146	845.54	10.00	855.54
5	40.685478	-84.195157	845.85	10.00	855.85
6	40.685470	-84.196557	846.95	10.00	856.95
7	40.685462	-84.198054	846.52	10.00	856.53
8	40.684799	-84.198043	845.96	10.00	855.96
9	40.684193	-84.198032	845.16	10.00	855.16
10	40.684184	-84.198741	847.38	10.00	857.39
11	40.684184	-84.199545	845.70	10.00	855.70
12	40.683603	-84.199213	845.13	10.00	855.13
13	40.683652	-84.196772	845.82	10.00	855.82
14	40.683660	-84.195522	844.37	10.00	854.37

Name: 117
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,054,079 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685190	-84.201627	851.51	10.00	861.51
2	40.685198	-84.201042	849.45	10.00	859.45
3	40.685206	-84.200543	851.09	10.00	861.09
4	40.684722	-84.200548	848.56	10.00	858.56
5	40.684303	-84.200597	846.94	10.00	856.94
6	40.683823	-84.200237	846.04	10.00	856.04
7	40.683636	-84.199663	845.33	10.00	855.33
8	40.682815	-84.199116	843.38	10.00	853.38
9	40.682257	-84.198526	842.76	10.00	852.76
10	40.681830	-84.198000	841.87	10.00	851.88
11	40.681301	-84.197989	841.33	10.00	851.33
12	40.681295	-84.199041	843.97	10.00	853.97
13	40.681289	-84.200221	846.09	10.00	856.09
14	40.681277	-84.202539	845.93	10.00	855.93
15	40.681928	-84.202517	846.76	10.00	856.76
16	40.682693	-84.202496	848.97	10.00	858.97
17	40.683303	-84.201798	848.37	10.00	858.37
18	40.684222	-84.201793	849.42	10.00	859.42
19	40.685190	-84.201788	852.17	10.00	862.17

2-Mile Flight Path Receptor(s)

Name: Allen County Airport Runway 10
Description:
Threshold height : 50 ft
Direction: 90.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg



Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706950	-84.038757	946.44	50.00	996.44
2-mile point	40.706950	-84.076942	904.00	645.90	1549.90

Name: Allen County Airport Runway 28
Description:
Threshold height : 50 ft
Direction: 270.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706946	-84.017749	975.51	50.00	1025.51
2-mile point	40.706946	-83.979564	980.77	598.20	1578.97



Name: Youngpeter Airport North Approach
Description:
Threshold height : 50 ft
Direction: 0.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.780297	-84.368399	803.72	50.00	853.72
2-mile point	40.751384	-84.368399	808.77	598.41	1407.18



Name: Youngpeter Airport South Approach
Description:
Threshold height : 50 ft
Direction: 180.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.786471	-84.368410	791.74	50.00	841.74
2-mile point	40.815384	-84.368410	782.35	612.85	1395.20



Route Receptor(s)

Name: Bowsher Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671579	-84.203605	841.68	5.00	846.68
2	40.671581	-84.202486	837.50	5.00	842.50
3	40.671578	-84.201372	837.11	5.00	842.11
4	40.671583	-84.199939	838.05	5.00	843.05
5	40.671584	-84.198687	838.51	5.00	843.51
6	40.671585	-84.197453	838.10	5.00	843.10
7	40.671585	-84.195559	840.55	5.00	845.55
8	40.671587	-84.194385	843.68	5.00	848.68
9	40.671597	-84.192718	848.82	5.00	853.82
10	40.671599	-84.191451	850.06	5.00	855.07
11	40.671592	-84.190208	849.52	5.00	854.52
12	40.671582	-84.189233	848.74	5.00	853.74
13	40.671587	-84.188258	846.98	5.00	851.98
14	40.671597	-84.186311	843.58	5.00	848.58
15	40.671610	-84.184490	843.75	5.00	848.75
16	40.671627	-84.182128	849.94	5.00	854.94
17	40.671647	-84.179779	849.27	5.00	854.27
18	40.671666	-84.177713	854.31	5.00	859.31
19	40.671682	-84.176418	853.44	5.00	858.44
20	40.671691	-84.175132	855.37	5.00	860.38
21	40.671700	-84.173304	855.94	5.00	860.94
22	40.671712	-84.171810	855.21	5.00	860.21
23	40.671722	-84.170685	857.33	5.00	862.33
24	40.671729	-84.169558	854.19	5.00	859.19

Name: Railroad
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686866	-84.165890	843.38	15.00	858.38
2	40.685945	-84.167443	841.84	15.00	856.84
3	40.685417	-84.168316	842.24	15.00	857.24
4	40.684918	-84.169162	842.47	15.00	857.47
5	40.684148	-84.170426	844.05	15.00	859.05
6	40.683333	-84.171666	845.98	15.00	860.98
7	40.682526	-84.172885	847.67	15.00	862.67
8	40.681784	-84.173991	848.14	15.00	863.14
9	40.681037	-84.175121	847.88	15.00	862.88
10	40.680668	-84.175664	848.51	15.00	863.51
11	40.680290	-84.176235	848.42	15.00	863.42
12	40.679515	-84.177396	848.86	15.00	863.86
13	40.678682	-84.178644	848.84	15.00	863.84
14	40.677833	-84.179920	849.08	15.00	864.08
15	40.677419	-84.180544	849.15	15.00	864.15
16	40.676989	-84.181192	848.83	15.00	863.83
17	40.676363	-84.182119	850.37	15.00	865.37
18	40.675740	-84.183055	851.89	15.00	866.89
19	40.675146	-84.183948	851.46	15.00	866.46
20	40.674668	-84.184665	850.62	15.00	865.62
21	40.674186	-84.185380	849.40	15.00	864.40
22	40.673435	-84.186519	847.70	15.00	862.70
23	40.672786	-84.187487	846.64	15.00	861.64
24	40.672157	-84.188432	847.55	15.00	862.55
25	40.671637	-84.189211	847.94	15.00	862.94
26	40.671140	-84.189961	847.38	15.00	862.38
27	40.670444	-84.191007	845.82	15.00	860.82
28	40.669498	-84.192429	845.14	15.00	860.14
29	40.668756	-84.193538	844.60	15.00	859.60
30	40.667986	-84.194687	844.75	15.00	859.75
31	40.667570	-84.195314	844.92	15.00	859.92
32	40.667147	-84.195947	845.05	15.00	860.05

Name: Sellers Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686198	-84.184633	844.07	5.00	849.07
2	40.685307	-84.184633	842.40	5.00	847.40
3	40.684522	-84.184606	842.28	5.00	847.28
4	40.683468	-84.184574	842.32	5.00	847.32
5	40.682281	-84.184564	842.83	5.00	847.83
6	40.681404	-84.184537	842.84	5.00	847.84
7	40.680377	-84.184531	842.81	5.00	847.81
8	40.678790	-84.184529	842.00	5.00	847.00
9	40.678056	-84.184521	842.19	5.00	847.19
10	40.677189	-84.184513	842.87	5.00	847.87
11	40.676715	-84.184513	844.45	5.00	849.45
12	40.675778	-84.184511	849.84	5.00	854.84
13	40.674189	-84.184484	850.70	5.00	855.70
14	40.672677	-84.184488	842.86	5.00	847.86

Name: S Wapakoneta Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686108	-84.203756	863.93	5.00	868.93
2	40.685427	-84.203755	859.88	5.00	864.88
3	40.684717	-84.203744	857.16	5.00	862.16
4	40.683843	-84.203739	852.37	5.00	857.37
5	40.682971	-84.203725	850.06	5.00	855.06
6	40.681809	-84.203720	848.70	5.00	853.70
7	40.681074	-84.203704	846.77	5.00	851.78
8	40.680339	-84.203700	846.99	5.00	851.99
9	40.679512	-84.203696	844.10	5.00	849.10
10	40.678684	-84.203680	840.93	5.00	845.93
11	40.677829	-84.203666	839.72	5.00	844.72
12	40.676972	-84.203661	841.45	5.00	846.45
13	40.675934	-84.203639	841.01	5.00	846.01
14	40.674681	-84.203627	840.14	5.00	845.14
15	40.674321	-84.203630	839.44	5.00	844.44
16	40.673687	-84.203615	838.85	5.00	843.85
17	40.673213	-84.203610	839.19	5.00	844.19
18	40.672454	-84.203607	839.24	5.00	844.24
19	40.671691	-84.203606	841.32	5.00	846.32
20	40.671060	-84.203591	840.96	5.00	845.96
21	40.670509	-84.203595	839.16	5.00	844.16
22	40.669557	-84.203588	840.63	5.00	845.63
23	40.668480	-84.203575	840.39	5.00	845.39

Name: W Breese Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686047	-84.209349	850.25	5.00	855.25
2	40.686087	-84.206410	858.70	5.00	863.70
3	40.686111	-84.203765	863.92	5.00	868.92
4	40.686126	-84.202330	855.92	5.00	860.92
5	40.686141	-84.200907	853.72	5.00	858.72
6	40.686149	-84.199852	855.17	5.00	860.17
7	40.686157	-84.198812	852.46	5.00	857.46
8	40.686164	-84.197841	850.20	5.00	855.20
9	40.686167	-84.196877	853.40	5.00	858.40
10	40.686176	-84.195300	849.35	5.00	854.35
11	40.686183	-84.193736	849.40	5.00	854.40
12	40.686188	-84.192065	846.43	5.00	851.43
13	40.686194	-84.191050	846.86	5.00	851.86
14	40.686195	-84.190032	846.49	5.00	851.49
15	40.686199	-84.187440	845.08	5.00	850.08
16	40.686204	-84.185303	844.55	5.00	849.55
17	40.686214	-84.183828	843.52	5.00	848.52
18	40.686224	-84.182569	843.62	5.00	848.62
19	40.686233	-84.181452	843.02	5.00	848.02
20	40.686245	-84.180331	842.81	5.00	847.81
21	40.686264	-84.178084	843.27	5.00	848.28
22	40.686277	-84.176787	843.95	5.00	848.95
23	40.686277	-84.175488	842.30	5.00	847.30
24	40.686297	-84.173821	842.32	5.00	847.32
25	40.686310	-84.171432	841.48	5.00	846.48
26	40.686312	-84.170007	841.52	5.00	846.52
27	40.686313	-84.168759	831.98	5.00	836.98
28	40.686326	-84.167747	841.69	5.00	846.69
29	40.686327	-84.166729	844.50	5.00	849.50

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	ft	ft	ft
OP 1	40.740549	-84.118333	868.53	500.02	1368.56
OP 2	40.735693	-84.086896	885.19	500.02	1385.21
OP 3	40.686684	-84.176280	842.37	25.00	867.37
OP 4	40.686697	-84.178619	842.57	25.00	867.57
OP 5	40.686636	-84.181269	843.24	25.00	868.24
OP 6	40.686664	-84.183136	844.00	25.00	869.00
OP 7	40.686666	-84.180129	843.32	25.00	868.32
OP 8	40.686662	-84.182020	843.57	25.00	868.57
OP 9	40.686621	-84.184369	844.90	25.00	869.90
OP 10	40.686518	-84.184833	845.11	25.00	870.11
OP 11	40.685718	-84.186512	844.63	25.00	869.63
OP 12	40.684593	-84.187508	842.75	25.00	867.75
OP 13	40.684838	-84.188588	846.38	25.00	871.38
OP 14	40.687579	-84.188945	844.34	25.00	869.34
OP 15	40.685995	-84.194015	851.06	25.00	876.06
OP 16	40.686414	-84.193660	850.39	25.00	875.39
OP 17	40.685952	-84.198738	850.60	22.00	872.60
OP 18	40.686369	-84.199068	853.16	20.00	873.16
OP 19	40.686324	-84.199395	854.98	25.00	879.98
OP 20	40.685887	-84.200168	856.23	25.00	881.23
OP 21	40.686668	-84.201125	855.31	25.00	880.31
OP 22	40.686697	-84.203499	864.74	25.00	889.74
OP 23	40.683947	-84.202836	856.90	25.00	881.90
OP 24	40.684207	-84.204070	854.25	25.00	879.26
OP 25	40.682795	-84.205076	850.68	25.00	875.68
OP 26	40.681494	-84.205140	847.47	25.00	872.48
OP 27	40.680881	-84.204282	846.25	25.00	871.25
OP 28	40.680580	-84.204277	845.57	25.00	870.57
OP 29	40.680161	-84.204108	848.34	25.00	873.34
OP 30	40.679726	-84.204100	846.75	25.00	871.75
OP 31	40.679881	-84.204966	846.60	25.00	871.60
OP 32	40.676707	-84.203284	841.17	25.00	866.18
OP 33	40.675336	-84.203992	839.53	25.00	864.53
OP 34	40.669414	-84.203064	842.79	25.00	867.79
OP 35	40.669097	-84.203976	845.94	25.00	870.94
OP 36	40.672336	-84.196844	839.88	25.00	864.88
OP 37	40.671874	-84.190764	850.47	25.00	875.47
OP 38	40.671919	-84.189838	847.65	25.00	872.65
OP 39	40.673235	-84.183948	844.64	25.00	869.64
OP 40	40.672029	-84.184039	848.18	25.00	873.18
OP 41	40.671876	-84.181931	851.27	25.00	876.28
OP 42	40.673666	-84.177339	860.26	25.00	885.26
OP 43	40.674675	-84.174590	862.24	25.00	887.24
OP 44	40.671984	-84.171377	860.22	25.00	885.22
OP 45	40.670771	-84.166916	856.00	25.00	881.00

PV Array Results

Summary of PV Glare Analysis PV configuration and predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
101	SA tracking	SA tracking	0	0	-	-
102	SA tracking	SA tracking	0	0	-	-
103	SA tracking	SA tracking	0	0	-	-
104	SA tracking	SA tracking	0	0	-	-
105	SA tracking	SA tracking	0	0	-	-
106	SA tracking	SA tracking	0	0	-	-
107	SA tracking	SA tracking	0	0	-	-
108	SA tracking	SA tracking	0	0	-	-
109	SA tracking	SA tracking	0	0	-	-
110	SA tracking	SA tracking	0	0	-	-
111	SA tracking	SA tracking	0	0	-	-
112	SA tracking	SA tracking	0	0	-	-
113	SA tracking	SA tracking	0	0	-	-
114	SA tracking	SA tracking	0	0	-	-
115	SA tracking	SA tracking	0	0	-	-
116	SA tracking	SA tracking	0	0	-	-
117	SA tracking	SA tracking	0	0	-	-

Click the name of the PV array to scroll to its results

PV & Receptor Analysis Results detailed results for each PV array and receptor

101 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

102 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

103 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

104 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

105 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

106 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

107 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

108 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

109 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

110 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

111 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

112 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

113 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

114 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

115 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

116 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

117 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results for large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Glare vector plots are simplified representations of analysis data. Actual glare emanations and results may differ.
- Glare analysis methods used: OP V1, FP V1, Route V1
- Refer to the **Help page** for assumptions and limitations not listed here.

Site Configuration: Block 1 9 ft veh 5 ft pan

Project site configuration details and results.

Created **Jan. 13, 2021 3:10 p.m.**
Updated **Jan. 13, 2021 9:49 p.m.**
DNI **varies** and peaks at **1,000.0 W/m^2**
Analyze every **1** minute(s)
0.5 ocular transmission coefficient
0.002 m pupil diameter
0.017 m eye focal length
9.3 mrad sun subtended angle
Timezone **UTC-5**
Site Configuration ID: 48020.8653

Summary of Results No glare predicted!

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
101	SA tracking	SA tracking	0	0	-
102	SA tracking	SA tracking	0	0	-
103	SA tracking	SA tracking	0	0	-
104	SA tracking	SA tracking	0	0	-
105	SA tracking	SA tracking	0	0	-
106	SA tracking	SA tracking	0	0	-
107	SA tracking	SA tracking	0	0	-
108	SA tracking	SA tracking	0	0	-
109	SA tracking	SA tracking	0	0	-
110	SA tracking	SA tracking	0	0	-
111	SA tracking	SA tracking	0	0	-
112	SA tracking	SA tracking	0	0	-
113	SA tracking	SA tracking	0	0	-
114	SA tracking	SA tracking	0	0	-
115	SA tracking	SA tracking	0	0	-
116	SA tracking	SA tracking	0	0	-
117	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Name: 101
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,014,640 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678960	-84.184301	841.29	5.00	846.29
2	40.678964	-84.182107	841.21	5.00	846.21
3	40.678976	-84.179988	841.62	5.00	846.62
4	40.680119	-84.180009	842.73	5.00	847.73
5	40.681320	-84.180009	841.85	5.00	846.85
6	40.681311	-84.182177	841.42	5.00	846.42
7	40.681291	-84.184365	841.63	5.00	846.63
8	40.680079	-84.184333	841.08	5.00	846.08



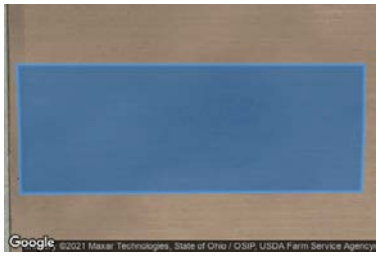
Name: 102
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,003,980 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.681294	-84.184370	841.63	5.00	846.63
2	40.682421	-84.184352	841.47	5.00	846.47
3	40.683621	-84.184397	840.70	5.00	845.70
4	40.683629	-84.182155	842.52	5.00	847.52
5	40.683637	-84.179956	842.27	5.00	847.27
6	40.682446	-84.179998	842.98	5.00	847.98
7	40.681327	-84.180020	841.85	5.00	846.85
8	40.681315	-84.182080	841.51	5.00	846.51



Name: 103
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 551,176 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.683621	-84.184397	840.70	5.00	845.70
2	40.684215	-84.184408	840.95	5.00	845.95
3	40.684890	-84.184440	841.60	5.00	846.60
4	40.684890	-84.182166	841.00	5.00	846.01
5	40.684890	-84.179934	841.13	5.00	846.13
6	40.684225	-84.179942	841.70	5.00	846.70
7	40.683642	-84.179972	842.28	5.00	847.28
8	40.683631	-84.182356	842.84	5.00	847.84



Name: 104
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 614,300 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685379	-84.185792	842.47	5.00	847.47
2	40.685395	-84.184826	841.52	5.00	846.52
3	40.682515	-84.184784	841.09	5.00	846.09
4	40.682482	-84.186720	840.54	5.00	845.54
5	40.682450	-84.188689	840.63	5.00	845.63
6	40.683385	-84.187519	840.19	5.00	845.19
7	40.684402	-84.186243	841.42	5.00	846.43



Name: 105
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 926,900 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682417	-84.186264	840.79	5.00	845.79
2	40.681298	-84.186259	845.65	5.00	850.65
3	40.680253	-84.186243	843.99	5.00	848.99
4	40.680269	-84.184719	842.17	5.00	847.17
5	40.679578	-84.184735	840.71	5.00	845.71
6	40.678935	-84.184719	840.81	5.00	845.81
7	40.678935	-84.186559	839.96	5.00	844.96
8	40.678935	-84.188410	841.89	5.00	846.89
9	40.680631	-84.188388	842.21	5.00	847.21
10	40.681483	-84.188346	839.96	5.00	844.96
11	40.682385	-84.188303	841.82	5.00	846.82
12	40.682401	-84.187262	840.63	5.00	845.63

Name: 106
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,020,794 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682360	-84.188313	842.10	5.00	847.10
2	40.681953	-84.189440	843.40	5.00	848.40
3	40.681913	-84.190599	840.16	5.00	845.16
4	40.680940	-84.190609	840.10	5.00	845.10
5	40.680090	-84.190620	841.26	5.00	846.26
6	40.680098	-84.192272	843.45	5.00	848.45
7	40.680106	-84.193989	840.25	5.00	845.25
8	40.679032	-84.193989	838.53	5.00	843.53
9	40.679032	-84.191175	843.52	5.00	848.52
10	40.679032	-84.188426	842.56	5.00	847.56
11	40.680717	-84.188386	841.40	5.00	846.40
12	40.681542	-84.188339	839.99	5.00	844.99

Name: 107
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 973,295 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678689	-84.189090	841.52	5.00	846.52
2	40.678710	-84.186870	840.21	5.00	845.21
3	40.678730	-84.184713	840.54	5.00	845.54
4	40.677518	-84.184729	839.80	5.00	844.80
5	40.676411	-84.184724	843.66	5.00	848.66
6	40.676419	-84.186961	840.12	5.00	845.13
7	40.676427	-84.189123	839.15	5.00	844.15
8	40.677546	-84.189101	839.63	5.00	844.63



Name: 108
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,035,580 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676968	-84.189133	839.23	5.00	844.23
2	40.676907	-84.190592	839.79	5.00	844.79
3	40.676541	-84.191075	839.03	5.00	844.03
4	40.676362	-84.191853	839.15	5.00	844.15
5	40.676033	-84.191858	839.43	5.00	844.43
6	40.675984	-84.194047	838.82	5.00	843.82
7	40.675131	-84.194010	839.55	5.00	844.55
8	40.674304	-84.193993	838.33	5.00	843.33
9	40.674314	-84.191526	838.18	5.00	843.18
10	40.674324	-84.189123	840.34	5.00	845.34
11	40.675634	-84.189117	838.91	5.00	843.91



Name: 109
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 689,926 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.674299	-84.194010	838.29	5.00	843.29
2	40.673307	-84.193993	837.61	5.00	842.62
3	40.673316	-84.192231	840.40	5.00	845.40
4	40.673325	-84.190501	842.72	5.00	847.72
5	40.673334	-84.188771	843.24	5.00	848.24
6	40.673343	-84.187084	840.22	5.00	845.22
7	40.673815	-84.186352	844.61	5.00	849.61
8	40.674328	-84.185577	849.78	5.00	854.78
9	40.674323	-84.187800	838.23	5.00	843.23
10	40.674318	-84.189831	840.04	5.00	845.04

Name: 110
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 884,043 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676427	-84.189133	839.15	5.00	844.15
2	40.676427	-84.186891	840.20	5.00	845.20
3	40.676423	-84.184724	843.65	5.00	848.65
4	40.675673	-84.184713	845.64	5.00	850.64
5	40.674950	-84.184702	846.57	5.00	851.57
6	40.674332	-84.185593	849.86	5.00	854.86
7	40.674316	-84.187323	840.17	5.00	845.17
8	40.674308	-84.189117	840.31	5.00	845.31
9	40.675339	-84.189120	838.79	5.00	843.79

Name: 111
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 978,067 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685240	-84.193322	845.13	5.00	850.13
2	40.685232	-84.191471	841.97	5.00	846.97
3	40.685224	-84.189749	843.08	5.00	848.08
4	40.683654	-84.189846	843.05	5.00	848.05
5	40.683629	-84.188430	839.89	5.00	844.89
6	40.683296	-84.188440	840.56	5.00	845.56
7	40.682775	-84.189234	840.11	5.00	845.11
8	40.682751	-84.191150	841.19	5.00	846.19
9	40.682726	-84.193322	840.52	5.00	845.52
10	40.683890	-84.193338	842.01	5.00	847.01
11	40.685167	-84.193354	845.40	5.00	850.40

Name: 112
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 803,218 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676943	-84.199009	837.72	5.00	842.72
2	40.674893	-84.199009	838.74	5.00	843.74
3	40.672915	-84.199009	837.42	5.00	842.42
4	40.673424	-84.201074	837.65	5.00	842.65
5	40.673703	-84.202209	836.60	5.00	841.60
6	40.673957	-84.203236	836.49	5.00	841.49
7	40.674502	-84.203193	835.36	5.00	840.36
8	40.674526	-84.202549	835.70	5.00	840.70
9	40.674551	-84.201938	836.99	5.00	841.99
10	40.675145	-84.201214	835.95	5.00	840.95
11	40.675796	-84.200436	836.87	5.00	841.87

Name: 113
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 785,769 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.677431	-84.202721	837.86	5.00	842.86
2	40.678078	-84.202699	837.93	5.00	842.93
3	40.678774	-84.202678	839.68	5.00	844.68
4	40.678798	-84.200763	840.89	5.00	845.89
5	40.678823	-84.198977	839.81	5.00	844.81
6	40.678119	-84.199025	839.07	5.00	844.07
7	40.677496	-84.199041	837.41	5.00	842.41
8	40.676878	-84.199728	836.55	5.00	841.55
9	40.676235	-84.200436	836.61	5.00	841.61
10	40.676243	-84.201224	838.01	5.00	843.01
11	40.676251	-84.202045	838.79	5.00	843.79
12	40.677090	-84.202013	837.80	5.00	842.80
13	40.677334	-84.202689	837.80	5.00	842.80

Name: 114
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,000,245 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.681036	-84.202077	847.77	5.00	852.77
2	40.680100	-84.202093	844.64	5.00	849.64
3	40.679213	-84.202109	840.56	5.00	845.56
4	40.679221	-84.199647	838.81	5.00	843.81
5	40.679229	-84.197217	838.31	5.00	843.31
6	40.679994	-84.197153	839.36	5.00	844.36
7	40.680202	-84.196278	839.60	5.00	844.60
8	40.680377	-84.195447	839.14	5.00	844.14
9	40.681142	-84.196316	839.70	5.00	844.70
10	40.681117	-84.197947	840.53	5.00	845.53
11	40.681093	-84.199652	843.88	5.00	848.88
12	40.680409	-84.199717	839.32	5.00	844.32
13	40.681028	-84.200951	845.76	5.00	850.76

Name: 115
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 834,675 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.681093	-84.195361	840.47	5.00	845.47
2	40.681109	-84.194395	839.85	5.00	844.85
3	40.681742	-84.194382	842.69	5.00	847.69
4	40.682423	-84.194379	839.82	5.00	844.82
5	40.683011	-84.194377	841.10	5.00	846.10
6	40.683656	-84.194352	842.30	5.00	847.30
7	40.683658	-84.195677	844.56	5.00	849.56
8	40.683635	-84.196992	846.16	5.00	851.16
9	40.683599	-84.199223	845.09	5.00	850.09
10	40.682899	-84.198859	843.90	5.00	848.90
11	40.682744	-84.198741	843.22	5.00	848.22
12	40.682752	-84.197893	843.62	5.00	848.62
13	40.682321	-84.197657	842.79	5.00	847.79
14	40.682037	-84.197442	841.29	5.00	846.29
15	40.681752	-84.197196	840.71	5.00	845.71
16	40.681601	-84.196477	839.82	5.00	844.82
17	40.681475	-84.195801	839.52	5.00	844.52

Name: 116
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 714,934 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.683668	-84.194369	842.37	5.00	847.37
2	40.684396	-84.194390	846.81	5.00	851.81
3	40.685120	-84.194395	845.71	5.00	850.71
4	40.685120	-84.195146	845.54	5.00	850.54
5	40.685478	-84.195157	845.85	5.00	850.85
6	40.685470	-84.196557	846.95	5.00	851.95
7	40.685462	-84.198054	846.52	5.00	851.52
8	40.684799	-84.198043	845.96	5.00	850.96
9	40.684193	-84.198032	845.16	5.00	850.16
10	40.684184	-84.198741	847.38	5.00	852.38
11	40.684184	-84.199545	845.70	5.00	850.70
12	40.683603	-84.199213	845.13	5.00	850.13
13	40.683652	-84.196772	845.82	5.00	850.82
14	40.683660	-84.195522	844.37	5.00	849.37

Name: 117
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,054,217 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685190	-84.201627	851.51	5.00	856.51
2	40.685198	-84.201042	849.45	5.00	854.45
3	40.685206	-84.200543	851.09	5.00	856.09
4	40.684722	-84.200548	848.56	5.00	853.56
5	40.684303	-84.200597	846.94	5.00	851.94
6	40.683823	-84.200237	846.04	5.00	851.04
7	40.683636	-84.199663	845.33	5.00	850.33
8	40.682815	-84.199116	843.38	5.00	848.38
9	40.682257	-84.198526	842.76	5.00	847.76
10	40.681830	-84.198000	841.87	5.00	846.87
11	40.681301	-84.197989	841.33	5.00	846.33
12	40.681295	-84.199041	843.97	5.00	848.97
13	40.681289	-84.200221	846.09	5.00	851.09
14	40.681277	-84.202539	845.93	5.00	850.93
15	40.681928	-84.202517	846.76	5.00	851.76
16	40.682693	-84.202496	848.97	5.00	853.97
17	40.683303	-84.201798	848.37	5.00	853.37
18	40.684222	-84.201793	849.42	5.00	854.42
19	40.685190	-84.201788	852.17	5.00	857.17

2-Mile Flight Path Receptor(s)

Name: Allen County Airport Runway 10
Description:
Threshold height : 50 ft
Direction: 90.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg



Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706950	-84.038757	946.44	50.00	996.44
2-mile point	40.706950	-84.076942	904.00	645.90	1549.90

Name: Allen County Airport Runway 28
Description:
Threshold height : 50 ft
Direction: 270.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706946	-84.017749	975.51	50.00	1025.51
2-mile point	40.706946	-83.979564	980.77	598.20	1578.97



Name: Youngpeter Airport North Approach
Description:
Threshold height : 50 ft
Direction: 0.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.780297	-84.368399	803.72	50.00	853.72
2-mile point	40.751384	-84.368399	808.77	598.41	1407.18



Name: Youngpeter Airport South Approach
Description:
Threshold height : 50 ft
Direction: 180.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.786471	-84.368410	791.74	50.00	841.74
2-mile point	40.815384	-84.368410	782.35	612.85	1395.20



Route Receptor(s)

Name: Bowsher Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671579	-84.203605	841.68	9.00	850.68
2	40.671581	-84.202486	837.50	9.00	846.50
3	40.671578	-84.201372	837.11	9.00	846.11
4	40.671583	-84.199939	838.05	9.00	847.05
5	40.671584	-84.198687	838.51	9.00	847.51
6	40.671585	-84.197453	838.10	9.00	847.10
7	40.671585	-84.195645	840.22	9.00	849.22
8	40.671587	-84.194385	843.68	9.00	852.68
9	40.671597	-84.192718	848.82	9.00	857.82
10	40.671599	-84.191451	850.06	9.00	859.07
11	40.671592	-84.190208	849.52	9.00	858.52
12	40.671582	-84.189233	848.74	9.00	857.74
13	40.671587	-84.188258	846.98	9.00	855.98
14	40.671597	-84.186311	843.58	9.00	852.58
15	40.671610	-84.184490	843.75	9.00	852.75
16	40.671627	-84.182128	849.94	9.00	858.94
17	40.671647	-84.179779	849.27	9.00	858.27
18	40.671666	-84.177713	854.31	9.00	863.31
19	40.671682	-84.176418	853.44	9.00	862.44
20	40.671691	-84.175132	855.37	9.00	864.38
21	40.671700	-84.173304	855.94	9.00	864.94
22	40.671712	-84.171810	855.21	9.00	864.21
23	40.671722	-84.170685	857.33	9.00	866.33
24	40.671729	-84.169558	854.19	9.00	863.19

Name: Railroad
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686866	-84.165890	843.38	15.00	858.38
2	40.685945	-84.167443	841.84	15.00	856.84
3	40.685417	-84.168316	842.24	15.00	857.24
4	40.684918	-84.169162	842.47	15.00	857.47
5	40.684148	-84.170426	844.05	15.00	859.05
6	40.683333	-84.171666	845.98	15.00	860.98
7	40.682526	-84.172885	847.67	15.00	862.67
8	40.681784	-84.173991	848.14	15.00	863.14
9	40.681037	-84.175121	847.88	15.00	862.88
10	40.680668	-84.175664	848.51	15.00	863.51
11	40.680290	-84.176235	848.42	15.00	863.42
12	40.679515	-84.177396	848.86	15.00	863.86
13	40.678682	-84.178644	848.84	15.00	863.84
14	40.677833	-84.179920	849.08	15.00	864.08
15	40.677419	-84.180544	849.15	15.00	864.15
16	40.676989	-84.181192	848.83	15.00	863.83
17	40.676363	-84.182119	850.37	15.00	865.37
18	40.675740	-84.183055	851.89	15.00	866.89
19	40.675146	-84.183948	851.46	15.00	866.46
20	40.674668	-84.184665	850.62	15.00	865.62
21	40.674186	-84.185380	849.40	15.00	864.40
22	40.673435	-84.186519	847.70	15.00	862.70
23	40.672786	-84.187487	846.64	15.00	861.64
24	40.672157	-84.188432	847.55	15.00	862.55
25	40.671637	-84.189211	847.94	15.00	862.94
26	40.671140	-84.189961	847.38	15.00	862.38
27	40.670444	-84.191007	845.82	15.00	860.82
28	40.669498	-84.192429	845.14	15.00	860.14
29	40.668756	-84.193538	844.60	15.00	859.60
30	40.667986	-84.194687	844.75	15.00	859.75
31	40.667570	-84.195314	844.92	15.00	859.92
32	40.667147	-84.195947	845.05	15.00	860.05

Name: Sellers Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686198	-84.184633	844.07	9.00	853.07
2	40.685307	-84.184633	842.40	9.00	851.40
3	40.684522	-84.184606	842.28	9.00	851.28
4	40.683468	-84.184574	842.32	9.00	851.32
5	40.682281	-84.184564	842.83	9.00	851.83
6	40.681404	-84.184537	842.84	9.00	851.84
7	40.680377	-84.184531	842.81	9.00	851.81
8	40.678790	-84.184529	842.00	9.00	851.00
9	40.678056	-84.184521	842.19	9.00	851.19
10	40.677189	-84.184513	842.87	9.00	851.87
11	40.676715	-84.184513	844.45	9.00	853.45
12	40.675778	-84.184511	849.84	9.00	858.84
13	40.674189	-84.184484	850.70	9.00	859.70
14	40.672677	-84.184488	842.86	9.00	851.86

Name: S Wapakoneta Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686108	-84.203756	863.93	9.00	872.93
2	40.685427	-84.203755	859.88	9.00	868.88
3	40.684717	-84.203744	857.16	9.00	866.16
4	40.683843	-84.203739	852.37	9.00	861.37
5	40.682971	-84.203725	850.06	9.00	859.06
6	40.681809	-84.203720	848.70	9.00	857.70
7	40.681074	-84.203704	846.77	9.00	855.78
8	40.680339	-84.203700	846.99	9.00	855.99
9	40.679512	-84.203696	844.10	9.00	853.10
10	40.678684	-84.203680	840.93	9.00	849.93
11	40.677829	-84.203666	839.72	9.00	848.72
12	40.676972	-84.203661	841.45	9.00	850.45
13	40.675934	-84.203639	841.01	9.00	850.01
14	40.674681	-84.203627	840.14	9.00	849.14
15	40.674321	-84.203630	839.44	9.00	848.44
16	40.673687	-84.203615	838.85	9.00	847.85
17	40.673213	-84.203610	839.19	9.00	848.19
18	40.672454	-84.203607	839.24	9.00	848.24
19	40.671691	-84.203606	841.32	9.00	850.32
20	40.671060	-84.203591	840.96	9.00	849.96
21	40.670509	-84.203595	839.16	9.00	848.16
22	40.669557	-84.203588	840.63	9.00	849.63
23	40.668480	-84.203575	840.39	9.00	849.39

Name: W Breese Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686047	-84.209349	850.25	9.00	859.25
2	40.686087	-84.206410	858.70	9.00	867.70
3	40.686111	-84.203765	863.92	9.00	872.92
4	40.686126	-84.202330	855.92	9.00	864.92
5	40.686141	-84.200907	853.72	9.00	862.72
6	40.686149	-84.199852	855.17	9.00	864.17
7	40.686157	-84.198812	852.46	9.00	861.46
8	40.686164	-84.197841	850.20	9.00	859.20
9	40.686167	-84.196877	853.40	9.00	862.40
10	40.686176	-84.195300	849.35	9.00	858.35
11	40.686183	-84.193736	849.40	9.00	858.40
12	40.686188	-84.192065	846.43	9.00	855.43
13	40.686194	-84.191050	846.86	9.00	855.86
14	40.686195	-84.190032	846.49	9.00	855.49
15	40.686199	-84.187440	845.08	9.00	854.08
16	40.686204	-84.185303	844.55	9.00	853.55
17	40.686214	-84.183828	843.52	9.00	852.52
18	40.686224	-84.182569	843.62	9.00	852.62
19	40.686233	-84.181452	843.02	9.00	852.02
20	40.686245	-84.180331	842.81	9.00	851.81
21	40.686264	-84.178084	843.27	9.00	852.28
22	40.686277	-84.176787	843.95	9.00	852.95
23	40.686277	-84.175488	842.30	9.00	851.30
24	40.686297	-84.173821	842.32	9.00	851.32
25	40.686310	-84.171432	841.48	9.00	850.48
26	40.686312	-84.170007	841.52	9.00	850.52
27	40.686313	-84.168759	831.98	9.00	840.98
28	40.686326	-84.167747	841.69	9.00	850.69
29	40.686327	-84.166729	844.50	9.00	853.50

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	ft	ft	ft
OP 1	40.740549	-84.118333	868.53	500.02	1368.56
OP 2	40.735693	-84.086896	885.19	500.02	1385.21
OP 3	40.686684	-84.176280	842.37	25.00	867.37
OP 4	40.686697	-84.178619	842.57	25.00	867.57
OP 5	40.686636	-84.181269	843.24	25.00	868.24
OP 6	40.686664	-84.183136	844.00	25.00	869.00
OP 7	40.686666	-84.180129	843.32	25.00	868.32
OP 8	40.686662	-84.182020	843.57	25.00	868.57
OP 9	40.686621	-84.184369	844.90	25.00	869.90
OP 10	40.686518	-84.184833	845.11	25.00	870.11
OP 11	40.685718	-84.186512	844.63	25.00	869.63
OP 12	40.684593	-84.187508	842.75	25.00	867.75
OP 13	40.684838	-84.188588	846.38	25.00	871.38
OP 14	40.687579	-84.188945	844.34	25.00	869.34
OP 15	40.685995	-84.194015	851.06	25.00	876.06
OP 16	40.686414	-84.193660	850.39	25.00	875.39
OP 17	40.685952	-84.198738	850.60	22.00	872.60
OP 18	40.686369	-84.199068	853.16	20.00	873.16
OP 19	40.686324	-84.199395	854.98	25.00	879.98
OP 20	40.685887	-84.200168	856.23	25.00	881.23
OP 21	40.686668	-84.201125	855.31	25.00	880.31
OP 22	40.686697	-84.203499	864.74	25.00	889.74
OP 23	40.683947	-84.202836	856.90	25.00	881.90
OP 24	40.684207	-84.204070	854.25	25.00	879.26
OP 25	40.682795	-84.205076	850.68	25.00	875.68
OP 26	40.681494	-84.205140	847.47	25.00	872.48
OP 27	40.680881	-84.204282	846.25	25.00	871.25
OP 28	40.680580	-84.204277	845.57	25.00	870.57
OP 29	40.680161	-84.204108	848.34	25.00	873.34
OP 30	40.679726	-84.204100	846.75	25.00	871.75
OP 31	40.679881	-84.204966	846.60	25.00	871.60
OP 32	40.676707	-84.203284	841.17	25.00	866.18
OP 33	40.675336	-84.203992	839.53	25.00	864.53
OP 34	40.669414	-84.203064	842.79	25.00	867.79
OP 35	40.669097	-84.203976	845.94	25.00	870.94
OP 36	40.672336	-84.196844	839.88	25.00	864.88
OP 37	40.671874	-84.190764	850.47	25.00	875.47
OP 38	40.671919	-84.189838	847.65	25.00	872.65
OP 39	40.673235	-84.183948	844.64	25.00	869.64
OP 40	40.672029	-84.184039	848.18	25.00	873.18
OP 41	40.671876	-84.181931	851.27	25.00	876.28
OP 42	40.673666	-84.177339	860.26	25.00	885.26
OP 43	40.674675	-84.174590	862.24	25.00	887.24
OP 44	40.671984	-84.171377	860.22	25.00	885.22
OP 45	40.670771	-84.166916	856.00	25.00	881.00

PV Array Results

Summary of PV Glare Analysis PV configuration and predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
101	SA tracking	SA tracking	0	0	-	-
102	SA tracking	SA tracking	0	0	-	-
103	SA tracking	SA tracking	0	0	-	-
104	SA tracking	SA tracking	0	0	-	-
105	SA tracking	SA tracking	0	0	-	-
106	SA tracking	SA tracking	0	0	-	-
107	SA tracking	SA tracking	0	0	-	-
108	SA tracking	SA tracking	0	0	-	-
109	SA tracking	SA tracking	0	0	-	-
110	SA tracking	SA tracking	0	0	-	-
111	SA tracking	SA tracking	0	0	-	-
112	SA tracking	SA tracking	0	0	-	-
113	SA tracking	SA tracking	0	0	-	-
114	SA tracking	SA tracking	0	0	-	-
115	SA tracking	SA tracking	0	0	-	-
116	SA tracking	SA tracking	0	0	-	-
117	SA tracking	SA tracking	0	0	-	-

Click the name of the PV array to scroll to its results

PV & Receptor Analysis Results detailed results for each PV array and receptor

101 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

102 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

103 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

104 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

105 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

106 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

107 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

108 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

109 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

110 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

111 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

112 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

113 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

114 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

115 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

116 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

117 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results for large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Glare vector plots are simplified representations of analysis data. Actual glare emanations and results may differ.
- Glare analysis methods used: OP V1, FP V1, Route V1
- Refer to the **Help page** for assumptions and limitations not listed here.

Site Configuration: Block 1 9 ft veh 10 ft pan

Project site configuration details and results.

Created **Jan. 13, 2021 3:17 p.m.**
Updated **Jan. 14, 2021 4:54 p.m.**
DNI **varies** and peaks at **1,000.0 W/m^2**
Analyze every **1** minute(s)
0.5 ocular transmission coefficient
0.002 m pupil diameter
0.017 m eye focal length
9.3 mrad sun subtended angle
Timezone **UTC-5**
Site Configuration ID: 48021.8653

Summary of Results No glare predicted!

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
101	SA tracking	SA tracking	0	0	-
102	SA tracking	SA tracking	0	0	-
103	SA tracking	SA tracking	0	0	-
104	SA tracking	SA tracking	0	0	-
105	SA tracking	SA tracking	0	0	-
106	SA tracking	SA tracking	0	0	-
107	SA tracking	SA tracking	0	0	-
108	SA tracking	SA tracking	0	0	-
109	SA tracking	SA tracking	0	0	-
110	SA tracking	SA tracking	0	0	-
111	SA tracking	SA tracking	0	0	-
112	SA tracking	SA tracking	0	0	-
113	SA tracking	SA tracking	0	0	-
114	SA tracking	SA tracking	0	0	-
115	SA tracking	SA tracking	0	0	-
116	SA tracking	SA tracking	0	0	-
117	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Name: 101
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,014,640 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678960	-84.184301	841.29	10.00	851.29
2	40.678964	-84.182107	841.21	10.00	851.21
3	40.678976	-84.179988	841.62	10.00	851.62
4	40.680119	-84.180009	842.73	10.00	852.73
5	40.681320	-84.180009	841.85	10.00	851.85
6	40.681311	-84.182177	841.42	10.00	851.42
7	40.681291	-84.184365	841.63	10.00	851.63
8	40.680079	-84.184333	841.08	10.00	851.08



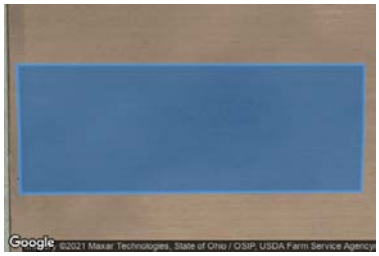
Name: 102
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,003,980 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.681294	-84.184370	841.63	10.00	851.63
2	40.682421	-84.184352	841.47	10.00	851.47
3	40.683621	-84.184397	840.70	10.00	850.70
4	40.683629	-84.182155	842.52	10.00	852.52
5	40.683637	-84.179956	842.27	10.00	852.27
6	40.682446	-84.179998	842.98	10.00	852.98
7	40.681327	-84.180020	841.85	10.00	851.86
8	40.681315	-84.182080	841.51	10.00	851.51



Name: 103
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 551,176 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.683621	-84.184397	840.70	10.00	850.70
2	40.684215	-84.184408	840.95	10.00	850.95
3	40.684890	-84.184440	841.60	10.00	851.60
4	40.684890	-84.182166	841.00	10.00	851.01
5	40.684890	-84.179934	841.13	10.00	851.13
6	40.684225	-84.179942	841.70	10.00	851.70
7	40.683642	-84.179972	842.28	10.00	852.28
8	40.683631	-84.182356	842.84	10.00	852.84



Name: 104
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 614,300 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685379	-84.185792	842.47	10.00	852.47
2	40.685395	-84.184826	841.52	10.00	851.52
3	40.682515	-84.184784	841.09	10.00	851.09
4	40.682482	-84.186720	840.54	10.00	850.54
5	40.682450	-84.188689	840.63	10.00	850.63
6	40.683385	-84.187519	840.19	10.00	850.19
7	40.684402	-84.186243	841.42	10.00	851.43



Name: 105
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 926,900 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682417	-84.186264	840.79	10.00	850.79
2	40.681298	-84.186259	845.65	10.00	855.65
3	40.680253	-84.186243	843.99	10.00	853.99
4	40.680269	-84.184719	842.17	10.00	852.17
5	40.679578	-84.184735	840.71	10.00	850.71
6	40.678935	-84.184719	840.81	10.00	850.81
7	40.678935	-84.186559	839.96	10.00	849.96
8	40.678935	-84.188410	841.89	10.00	851.89
9	40.680631	-84.188388	842.21	10.00	852.21
10	40.681483	-84.188346	839.96	10.00	849.96
11	40.682385	-84.188303	841.82	10.00	851.82
12	40.682401	-84.187262	840.63	10.00	850.63

Name: 106
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,020,794 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682360	-84.188313	842.10	10.00	852.10
2	40.681953	-84.189440	843.40	10.00	853.40
3	40.681913	-84.190599	840.16	10.00	850.16
4	40.680940	-84.190609	840.10	10.00	850.10
5	40.680090	-84.190620	841.26	10.00	851.26
6	40.680098	-84.192272	843.45	10.00	853.45
7	40.680106	-84.193989	840.25	10.00	850.25
8	40.679032	-84.193989	838.53	10.00	848.53
9	40.679032	-84.191175	843.52	10.00	853.52
10	40.679032	-84.188426	842.56	10.00	852.57
11	40.680717	-84.188386	841.40	10.00	851.40
12	40.681542	-84.188339	839.99	10.00	849.99

Name: 107
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 973,295 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678689	-84.189090	841.52	10.00	851.52
2	40.678710	-84.186870	840.21	10.00	850.21
3	40.678730	-84.184713	840.54	10.00	850.54
4	40.677518	-84.184729	839.80	10.00	849.80
5	40.676411	-84.184724	843.66	10.00	853.66
6	40.676419	-84.186961	840.12	10.00	850.13
7	40.676427	-84.189123	839.15	10.00	849.15
8	40.677546	-84.189101	839.63	10.00	849.63



Name: 108
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,035,580 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676968	-84.189133	839.23	10.00	849.23
2	40.676907	-84.190592	839.79	10.00	849.79
3	40.676541	-84.191075	839.03	10.00	849.03
4	40.676362	-84.191853	839.15	10.00	849.15
5	40.676033	-84.191858	839.43	10.00	849.43
6	40.675984	-84.194047	838.82	10.00	848.82
7	40.675131	-84.194010	839.55	10.00	849.55
8	40.674304	-84.193993	838.33	10.00	848.33
9	40.674314	-84.191526	838.18	10.00	848.18
10	40.674324	-84.189123	840.34	10.00	850.34
11	40.675634	-84.189117	838.91	10.00	848.91



Name: 109
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 689,926 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.674299	-84.194010	838.29	10.00	848.29
2	40.673307	-84.193993	837.61	10.00	847.62
3	40.673316	-84.192231	840.40	10.00	850.40
4	40.673325	-84.190501	842.72	10.00	852.72
5	40.673334	-84.188771	843.24	10.00	853.24
6	40.673343	-84.187084	840.22	10.00	850.22
7	40.673815	-84.186352	844.61	10.00	854.61
8	40.674328	-84.185577	849.78	10.00	859.78
9	40.674323	-84.187800	838.23	10.00	848.23
10	40.674318	-84.189831	840.04	10.00	850.04

Name: 110
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 884,043 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676427	-84.189133	839.15	10.00	849.15
2	40.676427	-84.186891	840.20	10.00	850.20
3	40.676423	-84.184724	843.65	10.00	853.65
4	40.675673	-84.184713	845.64	10.00	855.64
5	40.674950	-84.184702	846.57	10.00	856.57
6	40.674332	-84.185593	849.86	10.00	859.86
7	40.674316	-84.187323	840.17	10.00	850.17
8	40.674308	-84.189117	840.31	10.00	850.31
9	40.675339	-84.189120	838.79	10.00	848.79

Name: 111
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 978,067 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685240	-84.193322	845.13	10.00	855.13
2	40.685232	-84.191471	841.97	10.00	851.97
3	40.685224	-84.189749	843.08	10.00	853.08
4	40.683654	-84.189846	843.05	10.00	853.05
5	40.683629	-84.188430	839.89	10.00	849.89
6	40.683296	-84.188440	840.56	10.00	850.56
7	40.682775	-84.189234	840.11	10.00	850.12
8	40.682751	-84.191150	841.19	10.00	851.19
9	40.682726	-84.193322	840.52	10.00	850.53
10	40.683890	-84.193338	842.01	10.00	852.01
11	40.685167	-84.193354	845.40	10.00	855.40

Name: 112
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 803,218 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676943	-84.199009	837.72	10.00	847.72
2	40.674893	-84.199009	838.74	10.00	848.74
3	40.672915	-84.199009	837.42	10.00	847.42
4	40.673424	-84.201074	837.65	10.00	847.65
5	40.673703	-84.202209	836.60	10.00	846.60
6	40.673957	-84.203236	836.49	10.00	846.49
7	40.674502	-84.203193	835.36	10.00	845.36
8	40.674526	-84.202549	835.70	10.00	845.70
9	40.674551	-84.201938	836.99	10.00	846.99
10	40.675145	-84.201214	835.95	10.00	845.95
11	40.675796	-84.200436	836.87	10.00	846.87

Name: 113
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 785,769 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.677431	-84.202721	837.86	10.00	847.86
2	40.678078	-84.202699	837.93	10.00	847.93
3	40.678774	-84.202678	839.68	10.00	849.68
4	40.678798	-84.200763	840.89	10.00	850.89
5	40.678823	-84.198977	839.81	10.00	849.81
6	40.678119	-84.199025	839.07	10.00	849.08
7	40.677496	-84.199041	837.41	10.00	847.41
8	40.676878	-84.199728	836.55	10.00	846.55
9	40.676235	-84.200436	836.61	10.00	846.61
10	40.676243	-84.201224	838.01	10.00	848.01
11	40.676251	-84.202045	838.79	10.00	848.79
12	40.677090	-84.202013	837.80	10.00	847.80
13	40.677334	-84.202689	837.80	10.00	847.80

Name: 114
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,000,245 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.681036	-84.202077	847.77	10.00	857.77
2	40.680100	-84.202093	844.64	10.00	854.64
3	40.679213	-84.202109	840.56	10.00	850.56
4	40.679221	-84.199647	838.81	10.00	848.81
5	40.679229	-84.197217	838.31	10.00	848.31
6	40.679994	-84.197153	839.36	10.00	849.36
7	40.680202	-84.196278	839.60	10.00	849.60
8	40.680377	-84.195447	839.14	10.00	849.14
9	40.681142	-84.196316	839.70	10.00	849.70
10	40.681117	-84.197947	840.53	10.00	850.53
11	40.681093	-84.199652	843.88	10.00	853.88
12	40.680409	-84.199717	839.32	10.00	849.32
13	40.681028	-84.200951	845.76	10.00	855.76

Name: 115
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 834,632 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.681093	-84.195361	840.47	10.00	850.47
2	40.681109	-84.194395	839.85	10.00	849.85
3	40.681742	-84.194382	842.69	10.00	852.69
4	40.682423	-84.194379	839.82	10.00	849.82
5	40.683011	-84.194377	841.10	10.00	851.10
6	40.683656	-84.194352	842.30	10.00	852.30
7	40.683658	-84.195677	844.56	10.00	854.56
8	40.683635	-84.196992	846.16	10.00	856.16
9	40.683599	-84.199223	845.09	10.00	855.09
10	40.682899	-84.198859	843.90	10.00	853.90
11	40.682744	-84.198741	843.22	10.00	853.23
12	40.682752	-84.197893	843.62	10.00	853.62
13	40.682321	-84.197657	842.79	10.00	852.79
14	40.682037	-84.197442	841.29	10.00	851.29
15	40.681752	-84.197196	840.71	10.00	850.71
16	40.681601	-84.196477	839.82	10.00	849.82
17	40.681475	-84.195801	839.52	10.00	849.52

Name: 116
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 714,934 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.683668	-84.194369	842.37	10.00	852.37
2	40.684396	-84.194390	846.81	10.00	856.81
3	40.685120	-84.194395	845.71	10.00	855.71
4	40.685120	-84.195146	845.54	10.00	855.54
5	40.685478	-84.195157	845.85	10.00	855.85
6	40.685470	-84.196557	846.95	10.00	856.95
7	40.685462	-84.198054	846.52	10.00	856.53
8	40.684799	-84.198043	845.96	10.00	855.96
9	40.684193	-84.198032	845.16	10.00	855.16
10	40.684184	-84.198741	847.38	10.00	857.39
11	40.684184	-84.199545	845.70	10.00	855.70
12	40.683603	-84.199213	845.13	10.00	855.13
13	40.683652	-84.196772	845.82	10.00	855.82
14	40.683660	-84.195522	844.37	10.00	854.37

Name: 117
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,054,079 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685190	-84.201627	851.51	10.00	861.51
2	40.685198	-84.201042	849.45	10.00	859.45
3	40.685206	-84.200543	851.09	10.00	861.09
4	40.684722	-84.200548	848.56	10.00	858.56
5	40.684303	-84.200597	846.94	10.00	856.94
6	40.683823	-84.200237	846.04	10.00	856.04
7	40.683636	-84.199663	845.33	10.00	855.33
8	40.682815	-84.199116	843.38	10.00	853.38
9	40.682257	-84.198526	842.76	10.00	852.76
10	40.681830	-84.198000	841.87	10.00	851.88
11	40.681301	-84.197989	841.33	10.00	851.33
12	40.681295	-84.199041	843.97	10.00	853.97
13	40.681289	-84.200221	846.09	10.00	856.09
14	40.681277	-84.202539	845.93	10.00	855.93
15	40.681928	-84.202517	846.76	10.00	856.76
16	40.682693	-84.202496	848.97	10.00	858.97
17	40.683303	-84.201798	848.37	10.00	858.37
18	40.684222	-84.201793	849.42	10.00	859.42
19	40.685190	-84.201788	852.17	10.00	862.17

2-Mile Flight Path Receptor(s)

Name: Allen County Airport Runway 10
Description:
Threshold height : 50 ft
Direction: 90.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg



Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706950	-84.038757	946.44	50.00	996.44
2-mile point	40.706950	-84.076942	904.00	645.90	1549.90

Name: Allen County Airport Runway 28
Description:
Threshold height : 50 ft
Direction: 270.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706946	-84.017749	975.51	50.00	1025.51
2-mile point	40.706946	-83.979564	980.77	598.20	1578.97



Name: Youngpeter Airport North Approach
Description:
Threshold height : 50 ft
Direction: 0.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.780297	-84.368399	803.72	50.00	853.72
2-mile point	40.751384	-84.368399	808.77	598.41	1407.18



Name: Youngpeter Airport South Approach
Description:
Threshold height : 50 ft
Direction: 180.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.786471	-84.368410	791.74	50.00	841.74
2-mile point	40.815384	-84.368410	782.35	612.85	1395.20



Route Receptor(s)

Name: Bowsher Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671579	-84.203605	841.68	9.00	850.68
2	40.671581	-84.202486	837.50	9.00	846.50
3	40.671578	-84.201372	837.11	9.00	846.11
4	40.671583	-84.199939	838.05	9.00	847.05
5	40.671584	-84.198687	838.51	9.00	847.51
6	40.671585	-84.197453	838.10	9.00	847.10
7	40.671585	-84.195645	840.22	9.00	849.22
8	40.671587	-84.194385	843.68	9.00	852.68
9	40.671597	-84.192718	848.82	9.00	857.82
10	40.671599	-84.191451	850.06	9.00	859.07
11	40.671592	-84.190208	849.52	9.00	858.52
12	40.671582	-84.189233	848.74	9.00	857.74
13	40.671587	-84.188258	846.98	9.00	855.98
14	40.671597	-84.186311	843.58	9.00	852.58
15	40.671610	-84.184490	843.75	9.00	852.75
16	40.671627	-84.182128	849.94	9.00	858.94
17	40.671647	-84.179779	849.27	9.00	858.27
18	40.671666	-84.177713	854.31	9.00	863.31
19	40.671682	-84.176418	853.44	9.00	862.44
20	40.671691	-84.175132	855.37	9.00	864.38
21	40.671700	-84.173304	855.94	9.00	864.94
22	40.671712	-84.171810	855.21	9.00	864.21
23	40.671722	-84.170685	857.33	9.00	866.33
24	40.671729	-84.169558	854.19	9.00	863.19

Name: Railroad
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686866	-84.165890	843.38	15.00	858.38
2	40.685945	-84.167443	841.84	15.00	856.84
3	40.685417	-84.168316	842.24	15.00	857.24
4	40.684918	-84.169162	842.47	15.00	857.47
5	40.684148	-84.170426	844.05	15.00	859.05
6	40.683333	-84.171666	845.98	15.00	860.98
7	40.682526	-84.172885	847.67	15.00	862.67
8	40.681784	-84.173991	848.14	15.00	863.14
9	40.681037	-84.175121	847.88	15.00	862.88
10	40.680668	-84.175664	848.51	15.00	863.51
11	40.680290	-84.176235	848.42	15.00	863.42
12	40.679515	-84.177396	848.86	15.00	863.86
13	40.678682	-84.178644	848.84	15.00	863.84
14	40.677833	-84.179920	849.08	15.00	864.08
15	40.677419	-84.180544	849.15	15.00	864.15
16	40.676989	-84.181192	848.83	15.00	863.83
17	40.676363	-84.182119	850.37	15.00	865.37
18	40.675740	-84.183055	851.89	15.00	866.89
19	40.675146	-84.183948	851.46	15.00	866.46
20	40.674668	-84.184665	850.62	15.00	865.62
21	40.674186	-84.185380	849.40	15.00	864.40
22	40.673435	-84.186519	847.70	15.00	862.70
23	40.672786	-84.187487	846.64	15.00	861.64
24	40.672157	-84.188432	847.55	15.00	862.55
25	40.671637	-84.189211	847.94	15.00	862.94
26	40.671140	-84.189961	847.38	15.00	862.38
27	40.670444	-84.191007	845.82	15.00	860.82
28	40.669498	-84.192429	845.14	15.00	860.14
29	40.668756	-84.193538	844.60	15.00	859.60
30	40.667986	-84.194687	844.75	15.00	859.75
31	40.667570	-84.195314	844.92	15.00	859.92
32	40.667147	-84.195947	845.05	15.00	860.05

Name: Sellers Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686198	-84.184633	844.07	9.00	853.07
2	40.685307	-84.184633	842.40	9.00	851.40
3	40.684522	-84.184606	842.28	9.00	851.28
4	40.683468	-84.184574	842.32	9.00	851.32
5	40.682281	-84.184564	842.83	9.00	851.83
6	40.681404	-84.184537	842.84	9.00	851.84
7	40.680377	-84.184531	842.81	9.00	851.81
8	40.678790	-84.184529	842.00	9.00	851.00
9	40.678056	-84.184521	842.19	9.00	851.19
10	40.677189	-84.184513	842.87	9.00	851.87
11	40.676715	-84.184513	844.45	9.00	853.45
12	40.675778	-84.184511	849.84	9.00	858.84
13	40.674189	-84.184484	850.70	9.00	859.70
14	40.672677	-84.184488	842.86	9.00	851.86

Name: S Wapakoneta Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686108	-84.203756	863.93	9.00	872.93
2	40.685427	-84.203755	859.88	9.00	868.88
3	40.684717	-84.203744	857.16	9.00	866.16
4	40.683843	-84.203739	852.37	9.00	861.37
5	40.682971	-84.203725	850.06	9.00	859.06
6	40.681809	-84.203720	848.70	9.00	857.70
7	40.681074	-84.203704	846.77	9.00	855.78
8	40.680339	-84.203700	846.99	9.00	855.99
9	40.679512	-84.203696	844.10	9.00	853.10
10	40.678684	-84.203680	840.93	9.00	849.93
11	40.677829	-84.203666	839.72	9.00	848.72
12	40.676972	-84.203661	841.45	9.00	850.45
13	40.675934	-84.203639	841.01	9.00	850.01
14	40.674681	-84.203627	840.14	9.00	849.14
15	40.674321	-84.203630	839.44	9.00	848.44
16	40.673687	-84.203615	838.85	9.00	847.85
17	40.673213	-84.203610	839.19	9.00	848.19
18	40.672454	-84.203607	839.24	9.00	848.24
19	40.671691	-84.203606	841.32	9.00	850.32
20	40.671060	-84.203591	840.96	9.00	849.96
21	40.670509	-84.203595	839.16	9.00	848.16
22	40.669557	-84.203588	840.63	9.00	849.63
23	40.668480	-84.203575	840.39	9.00	849.39

Name: W Breese Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686047	-84.209349	850.25	9.00	859.25
2	40.686087	-84.206410	858.70	9.00	867.70
3	40.686111	-84.203765	863.92	9.00	872.92
4	40.686126	-84.202330	855.92	9.00	864.92
5	40.686141	-84.200907	853.72	9.00	862.72
6	40.686149	-84.199852	855.17	9.00	864.17
7	40.686157	-84.198812	852.46	9.00	861.46
8	40.686164	-84.197841	850.20	9.00	859.20
9	40.686167	-84.196877	853.40	9.00	862.40
10	40.686176	-84.195300	849.35	9.00	858.35
11	40.686183	-84.193736	849.40	9.00	858.40
12	40.686188	-84.192065	846.43	9.00	855.43
13	40.686194	-84.191050	846.86	9.00	855.86
14	40.686195	-84.190032	846.49	9.00	855.49
15	40.686199	-84.187440	845.08	9.00	854.08
16	40.686204	-84.185303	844.55	9.00	853.55
17	40.686214	-84.183828	843.52	9.00	852.52
18	40.686224	-84.182569	843.62	9.00	852.62
19	40.686233	-84.181452	843.02	9.00	852.02
20	40.686245	-84.180331	842.81	9.00	851.81
21	40.686264	-84.178084	843.27	9.00	852.28
22	40.686277	-84.176787	843.95	9.00	852.95
23	40.686277	-84.175488	842.30	9.00	851.30
24	40.686297	-84.173821	842.32	9.00	851.32
25	40.686310	-84.171432	841.48	9.00	850.48
26	40.686312	-84.170007	841.52	9.00	850.52
27	40.686313	-84.168759	831.98	9.00	840.98
28	40.686326	-84.167747	841.69	9.00	850.69
29	40.686327	-84.166729	844.50	9.00	853.50

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	ft	ft	ft
OP 1	40.740549	-84.118333	868.53	500.02	1368.56
OP 2	40.735693	-84.086896	885.19	500.02	1385.21
OP 3	40.686684	-84.176280	842.37	25.00	867.37
OP 4	40.686697	-84.178619	842.57	25.00	867.57
OP 5	40.686636	-84.181269	843.24	25.00	868.24
OP 6	40.686664	-84.183136	844.00	25.00	869.00
OP 7	40.686666	-84.180129	843.32	25.00	868.32
OP 8	40.686662	-84.182020	843.57	25.00	868.57
OP 9	40.686621	-84.184369	844.90	25.00	869.90
OP 10	40.686518	-84.184833	845.11	25.00	870.11
OP 11	40.685718	-84.186512	844.63	25.00	869.63
OP 12	40.684593	-84.187508	842.75	25.00	867.75
OP 13	40.684838	-84.188588	846.38	25.00	871.38
OP 14	40.687579	-84.188945	844.34	25.00	869.34
OP 15	40.685995	-84.194015	851.06	25.00	876.06
OP 16	40.686414	-84.193660	850.39	25.00	875.39
OP 17	40.685952	-84.198738	850.60	22.00	872.60
OP 18	40.686369	-84.199068	853.16	20.00	873.16
OP 19	40.686324	-84.199395	854.98	25.00	879.98
OP 20	40.685887	-84.200168	856.23	25.00	881.23
OP 21	40.686668	-84.201125	855.31	25.00	880.31
OP 22	40.686697	-84.203499	864.74	25.00	889.74
OP 23	40.683947	-84.202836	856.90	25.00	881.90
OP 24	40.684207	-84.204070	854.25	25.00	879.26
OP 25	40.682795	-84.205076	850.68	25.00	875.68
OP 26	40.681494	-84.205140	847.47	25.00	872.48
OP 27	40.680881	-84.204282	846.25	25.00	871.25
OP 28	40.680580	-84.204277	845.57	25.00	870.57
OP 29	40.680161	-84.204108	848.34	25.00	873.34
OP 30	40.679726	-84.204100	846.75	25.00	871.75
OP 31	40.679881	-84.204966	846.60	25.00	871.60
OP 32	40.676707	-84.203284	841.17	25.00	866.18
OP 33	40.675336	-84.203992	839.53	25.00	864.53
OP 34	40.669414	-84.203064	842.79	25.00	867.79
OP 35	40.669097	-84.203976	845.94	25.00	870.94
OP 36	40.672336	-84.196844	839.88	25.00	864.88
OP 37	40.671874	-84.190764	850.47	25.00	875.47
OP 38	40.671919	-84.189838	847.65	25.00	872.65
OP 39	40.673235	-84.183948	844.64	25.00	869.64
OP 40	40.672029	-84.184039	848.18	25.00	873.18
OP 41	40.671876	-84.181931	851.27	25.00	876.28
OP 42	40.673666	-84.177339	860.26	25.00	885.26
OP 43	40.674675	-84.174590	862.24	25.00	887.24
OP 44	40.671984	-84.171377	860.22	25.00	885.22
OP 45	40.670771	-84.166916	856.00	25.00	881.00

PV Array Results

Summary of PV Glare Analysis PV configuration and predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
101	SA tracking	SA tracking	0	0	-	-
102	SA tracking	SA tracking	0	0	-	-
103	SA tracking	SA tracking	0	0	-	-
104	SA tracking	SA tracking	0	0	-	-
105	SA tracking	SA tracking	0	0	-	-
106	SA tracking	SA tracking	0	0	-	-
107	SA tracking	SA tracking	0	0	-	-
108	SA tracking	SA tracking	0	0	-	-
109	SA tracking	SA tracking	0	0	-	-
110	SA tracking	SA tracking	0	0	-	-
111	SA tracking	SA tracking	0	0	-	-
112	SA tracking	SA tracking	0	0	-	-
113	SA tracking	SA tracking	0	0	-	-
114	SA tracking	SA tracking	0	0	-	-
115	SA tracking	SA tracking	0	0	-	-
116	SA tracking	SA tracking	0	0	-	-
117	SA tracking	SA tracking	0	0	-	-

Click the name of the PV array to scroll to its results

PV & Receptor Analysis Results detailed results for each PV array and receptor

101 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

102 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

103 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

104 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

105 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

106 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

107 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

108 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

109 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

110 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

111 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

112 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

113 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

114 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

115 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

116 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

117 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: Railroad	0	0
Route: Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: W Breese Road	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results for large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Glare vector plots are simplified representations of analysis data. Actual glare emanations and results may differ.
- Glare analysis methods used: OP V1, FP V1, Route V1
- Refer to the **Help page** for assumptions and limitations not listed here.

Site Configuration: Block 2 5 ft veh 5 ft pan

Project site configuration details and results.

Created **Jan. 13, 2021 7:40 a.m.**
Updated **Jan. 19, 2021 6:40 p.m.**
DNI **varies** and peaks at **1,000.0 W/m^2**
Analyze every **1** minute(s)
0.5 ocular transmission coefficient
0.002 m pupil diameter
0.017 m eye focal length
9.3 mrad sun subtended angle
Timezone **UTC-5**
Site Configuration ID: 48036.8653

Summary of Results No glare predicted!

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
201	SA tracking	SA tracking	0	0	-
202	SA tracking	SA tracking	0	0	-
203	SA tracking	SA tracking	0	0	-
204	SA tracking	SA tracking	0	0	-
205	SA tracking	SA tracking	0	0	-
206	SA tracking	SA tracking	0	0	-
207	SA tracking	SA tracking	0	0	-
208	SA tracking	SA tracking	0	0	-
209	SA tracking	SA tracking	0	0	-
210	SA tracking	SA tracking	0	0	-
211	SA tracking	SA tracking	0	0	-
212	SA tracking	SA tracking	0	0	-
213	SA tracking	SA tracking	0	0	-
214	SA tracking	SA tracking	0	0	-
215	SA tracking	SA tracking	0	0	-
216	SA tracking	SA tracking	0	0	-
217	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Name: 201
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 865,233 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664119	-84.189100	852.53	5.00	857.53
2	40.664136	-84.187737	849.23	5.00	854.23
3	40.664152	-84.186396	848.41	5.00	853.41
4	40.663515	-84.186385	852.02	5.00	857.02
5	40.662821	-84.186372	853.81	5.00	858.81
6	40.662825	-84.186251	853.98	5.00	858.98
7	40.662328	-84.186261	852.48	5.00	857.48
8	40.661865	-84.186281	852.23	5.00	857.23
9	40.661004	-84.186310	853.87	5.00	858.87
10	40.660992	-84.187265	855.27	5.00	860.27
11	40.660994	-84.189121	852.19	5.00	857.19
12	40.661751	-84.189105	850.49	5.00	855.49
13	40.662532	-84.189100	851.73	5.00	856.73
14	40.663338	-84.189100	851.32	5.00	856.32

Name: 202
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,030,430 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.663273	-84.185033	849.32	5.00	854.32
2	40.663273	-84.184560	848.87	5.00	853.87
3	40.662117	-84.184544	849.90	5.00	854.90
4	40.660913	-84.184560	850.40	5.00	855.40
5	40.659016	-84.184571	854.62	5.00	859.62
6	40.659016	-84.186438	852.67	5.00	857.67
7	40.659016	-84.188198	853.20	5.00	858.20
8	40.659765	-84.188198	855.57	5.00	860.57
9	40.659757	-84.189099	853.32	5.00	858.32
10	40.660998	-84.189126	852.41	5.00	857.41
11	40.660998	-84.187318	855.51	5.00	860.51
12	40.661004	-84.186390	853.99	5.00	858.99
13	40.661007	-84.185953	852.21	5.00	857.21
14	40.661010	-84.185515	850.95	5.00	855.95
15	40.662882	-84.185462	852.46	5.00	857.46
16	40.662906	-84.185022	850.51	5.00	855.51

Name: 203
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 346,802 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.659024	-84.186932	852.49	5.00	857.49
2	40.658337	-84.186932	852.56	5.00	857.56
3	40.657738	-84.186942	852.73	5.00	857.73
4	40.657722	-84.185537	850.41	5.00	855.41
5	40.657226	-84.185086	850.51	5.00	855.51
6	40.657234	-84.184528	851.08	5.00	856.08
7	40.658166	-84.184550	854.72	5.00	859.72
8	40.659016	-84.184560	854.58	5.00	859.59
9	40.659020	-84.185714	853.13	5.00	858.13

Name: 204
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 908,993 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.666276	-84.203208	842.40	5.00	847.40
2	40.666317	-84.198294	846.57	5.00	851.57
3	40.666683	-84.197661	845.51	5.00	850.51
4	40.667643	-84.197672	840.16	5.00	845.16
5	40.668050	-84.197661	839.25	5.00	844.25
6	40.668034	-84.198563	843.74	5.00	848.74
7	40.668050	-84.199110	847.08	5.00	852.09
8	40.668050	-84.199807	846.38	5.00	851.38
9	40.668058	-84.200730	843.80	5.00	848.80
10	40.668066	-84.202049	842.13	5.00	847.13
11	40.668050	-84.203155	839.60	5.00	844.60
12	40.667196	-84.203187	839.81	5.00	844.82

Name: 205
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 751,057 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.668066	-84.203143	839.58	5.00	844.58
2	40.668880	-84.203143	839.57	5.00	844.57
3	40.668872	-84.202199	838.23	5.00	843.23
4	40.669694	-84.202209	837.01	5.00	842.01
5	40.669694	-84.199023	837.17	5.00	842.17
6	40.669116	-84.199023	838.96	5.00	843.96
7	40.669091	-84.197575	837.72	5.00	842.72
8	40.668058	-84.197639	839.20	5.00	844.20



Name: 206
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 541,923 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.674471	-84.172009	854.74	5.00	859.74
2	40.673649	-84.172019	856.92	5.00	861.92
3	40.673673	-84.170539	856.02	5.00	861.02
4	40.673067	-84.170560	857.97	5.00	862.97
5	40.672509	-84.170582	858.45	5.00	863.45
6	40.672509	-84.170056	856.80	5.00	861.80
7	40.671932	-84.170110	857.92	5.00	862.92
8	40.671944	-84.168972	853.25	5.00	858.25
9	40.671940	-84.168093	850.95	5.00	855.95
10	40.672542	-84.168071	846.32	5.00	851.32
11	40.673063	-84.168667	848.20	5.00	853.20
12	40.673730	-84.169434	847.89	5.00	852.89
13	40.674487	-84.169402	844.98	5.00	849.98
14	40.674479	-84.170673	848.57	5.00	853.57



Name: 207
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 764,906 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.667928	-84.189132	845.41	5.00	850.41
2	40.667916	-84.188140	845.01	5.00	850.01
3	40.667920	-84.187276	843.84	5.00	848.84
4	40.667289	-84.187222	845.65	5.00	850.65
5	40.666659	-84.187169	845.30	5.00	850.30
6	40.666207	-84.186804	844.25	5.00	849.25
7	40.665796	-84.186471	844.45	5.00	849.45
8	40.665055	-84.185945	845.18	5.00	850.18
9	40.664868	-84.185667	845.36	5.00	850.36
10	40.664461	-84.185656	845.83	5.00	850.83
11	40.664449	-84.186761	846.22	5.00	851.22
12	40.664453	-84.187909	846.87	5.00	851.87
13	40.664858	-84.187920	846.18	5.00	851.18
14	40.665275	-84.187930	846.28	5.00	851.28
15	40.665275	-84.188523	845.93	5.00	850.93
16	40.665275	-84.189143	845.70	5.00	850.70
17	40.665928	-84.189135	846.54	5.00	851.54
18	40.666561	-84.189137	849.12	5.00	854.12
19	40.667259	-84.189132	850.56	5.00	855.56

Name: 208
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 710,893 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670654	-84.184669	844.01	5.00	849.01
2	40.670654	-84.185924	843.95	5.00	848.95
3	40.670654	-84.187351	842.74	5.00	847.74
4	40.669983	-84.187329	843.36	5.00	848.36
5	40.669393	-84.187351	843.83	5.00	848.83
6	40.668510	-84.186975	843.81	5.00	848.81
7	40.667725	-84.186729	843.66	5.00	848.66
8	40.667741	-84.185656	847.95	5.00	852.95
9	40.667737	-84.184626	847.43	5.00	852.43
10	40.668481	-84.184637	847.46	5.00	852.46
11	40.669165	-84.184647	845.70	5.00	850.70
12	40.669899	-84.184658	846.22	5.00	851.22

Name: 209
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,045,635 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.667326	-84.183274	845.12	5.00	850.12
2	40.667334	-84.181675	855.43	5.00	860.43
3	40.667326	-84.179750	854.76	5.00	859.76
4	40.666272	-84.179750	852.89	5.00	857.89
5	40.665267	-84.179766	850.21	5.00	855.21
6	40.665267	-84.180195	850.11	5.00	855.11
7	40.664730	-84.180195	849.70	5.00	854.70
8	40.664712	-84.181166	848.04	5.00	853.04
9	40.664693	-84.182158	847.52	5.00	852.52
10	40.664691	-84.183247	847.59	5.00	852.59
11	40.664673	-84.184229	851.13	5.00	856.13
12	40.665828	-84.184175	848.15	5.00	853.15
13	40.666060	-84.183698	847.23	5.00	852.23
14	40.666593	-84.183682	847.67	5.00	852.67
15	40.666593	-84.183312	847.82	5.00	852.82

Name: 210
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 980,002 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.667940	-84.183284	846.55	5.00	851.55
2	40.667325	-84.183273	845.12	5.00	850.12
3	40.667334	-84.180886	854.38	5.00	859.38
4	40.667342	-84.178526	856.63	5.00	861.63
5	40.667903	-84.178547	857.68	5.00	862.68
6	40.668554	-84.178531	856.29	5.00	861.29
7	40.668554	-84.177490	856.24	5.00	861.24
8	40.669881	-84.177485	857.47	5.00	862.47
9	40.669885	-84.178314	852.75	5.00	857.75
10	40.669887	-84.178534	851.94	5.00	856.94
11	40.669890	-84.178749	851.85	5.00	856.85
12	40.669889	-84.179191	851.05	5.00	856.05
13	40.669887	-84.179699	850.44	5.00	855.44
14	40.669893	-84.180229	850.11	5.00	855.11
15	40.669900	-84.180870	849.56	5.00	854.56
16	40.669893	-84.181476	850.47	5.00	855.47
17	40.669263	-84.181465	853.89	5.00	858.89
18	40.668589	-84.181454	854.71	5.00	859.71
19	40.667956	-84.181454	854.01	5.00	859.01

Name: 211
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 638,835 sq-ft



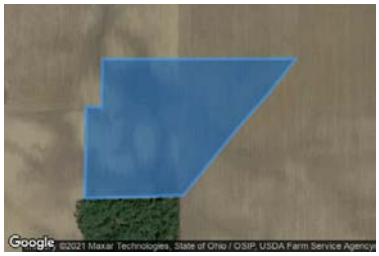
Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670276	-84.184229	844.01	5.00	849.01
2	40.670723	-84.184229	843.72	5.00	848.72
3	40.670721	-84.183918	844.94	5.00	849.94
4	40.671130	-84.183918	843.86	5.00	848.86
5	40.671138	-84.182684	847.88	5.00	852.88
6	40.670898	-84.182684	848.73	5.00	853.73
7	40.670915	-84.181305	849.39	5.00	854.39
8	40.671285	-84.181300	848.53	5.00	853.53
9	40.671273	-84.180270	850.71	5.00	855.71
10	40.671260	-84.179267	851.83	5.00	856.83
11	40.670823	-84.178355	854.75	5.00	859.75
12	40.670342	-84.177907	856.54	5.00	861.54
13	40.669881	-84.177486	857.39	5.00	862.39
14	40.669885	-84.179489	850.57	5.00	855.57
15	40.669897	-84.181482	850.50	5.00	855.50
16	40.670308	-84.181482	851.01	5.00	856.01
17	40.670284	-84.182826	850.47	5.00	855.47

Name: 212
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 969,490 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671533	-84.178543	853.34	5.00	858.34
2	40.671285	-84.178575	854.38	5.00	859.38
3	40.670546	-84.177902	857.33	5.00	862.33
4	40.669828	-84.177239	859.03	5.00	864.03
5	40.669167	-84.176906	856.51	5.00	861.51
6	40.668514	-84.176595	857.87	5.00	862.87
7	40.668140	-84.176595	856.13	5.00	861.13
8	40.668148	-84.175447	853.48	5.00	858.48
9	40.668148	-84.174337	855.22	5.00	860.22
10	40.669543	-84.174294	852.18	5.00	857.18
11	40.670955	-84.174251	853.03	5.00	858.03
12	40.670947	-84.175029	851.98	5.00	856.98
13	40.670963	-84.175860	853.26	5.00	858.26
14	40.671541	-84.175957	851.99	5.00	856.99
15	40.671537	-84.177236	851.06	5.00	856.06

Name: 213
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,037,811 sq-ft



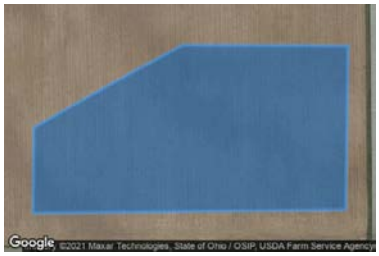
Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.668150	-84.174739	854.44	5.00	859.44
2	40.667194	-84.174744	854.23	5.00	859.23
3	40.666351	-84.174771	855.80	5.00	860.80
4	40.666380	-84.173419	853.95	5.00	858.95
5	40.666408	-84.172218	853.43	5.00	858.43
6	40.667055	-84.171523	855.05	5.00	860.05
7	40.667686	-84.170850	855.78	5.00	860.78
8	40.668390	-84.170026	861.99	5.00	866.99
9	40.669098	-84.169291	861.51	5.00	866.51
10	40.669094	-84.170480	855.45	5.00	860.45
11	40.669090	-84.171697	855.04	5.00	860.04
12	40.669084	-84.173001	853.26	5.00	858.26
13	40.669088	-84.174310	852.52	5.00	857.52
14	40.668823	-84.174314	852.20	5.00	857.20
15	40.668598	-84.174318	853.59	5.00	858.59
16	40.668142	-84.174331	855.17	5.00	860.17

Name: 214
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,054,359 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670745	-84.174255	851.83	5.00	856.83
2	40.670741	-84.173797	852.23	5.00	857.23
3	40.670737	-84.173354	852.88	5.00	857.88
4	40.671128	-84.173335	852.71	5.00	857.71
5	40.671535	-84.173300	853.48	5.00	858.48
6	40.671543	-84.172614	853.86	5.00	858.86
7	40.670965	-84.172614	853.26	5.00	858.26
8	40.670962	-84.171527	854.18	5.00	859.18
9	40.670959	-84.170473	853.66	5.00	858.66
10	40.670958	-84.169408	854.52	5.00	859.52
11	40.670957	-84.168354	856.73	5.00	861.73
12	40.670428	-84.168344	861.72	5.00	866.72
13	40.670403	-84.168580	859.33	5.00	864.34
14	40.670090	-84.168569	862.51	5.00	867.51
15	40.670088	-84.168907	860.99	5.00	865.99
16	40.669574	-84.168958	864.65	5.00	869.65
17	40.669093	-84.169288	861.51	5.00	866.51
18	40.669097	-84.170570	855.03	5.00	860.03
19	40.669093	-84.171820	855.12	5.00	860.12
20	40.669087	-84.173083	852.86	5.00	857.86
21	40.669093	-84.174306	852.52	5.00	857.52
22	40.669921	-84.174281	851.96	5.00	856.96

Name: 215
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 580,763 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664805	-84.169717	858.45	5.00	863.45
2	40.665643	-84.169706	858.08	5.00	863.08
3	40.666090	-84.168665	859.02	5.00	864.02
4	40.666457	-84.167775	858.47	5.00	863.47
5	40.666453	-84.166681	861.13	5.00	866.13
6	40.666449	-84.165629	863.27	5.00	868.27
7	40.665618	-84.165645	865.08	5.00	870.08
8	40.664837	-84.165661	863.18	5.00	868.18
9	40.664821	-84.167657	862.96	5.00	867.96

Name: 216
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 849,435 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.665887	-84.172024	854.07	5.00	859.07
2	40.665891	-84.171020	855.92	5.00	860.92
3	40.665895	-84.170146	857.74	5.00	862.74
4	40.666446	-84.169052	858.20	5.00	863.20
5	40.667014	-84.167872	857.91	5.00	862.91
6	40.667549	-84.166734	859.87	5.00	864.87
7	40.668052	-84.165661	864.35	5.00	869.35
8	40.668589	-84.165640	866.55	5.00	871.55
9	40.668581	-84.166648	861.94	5.00	866.94
10	40.669215	-84.166638	866.80	5.00	871.80
11	40.669224	-84.167775	861.35	5.00	866.35
12	40.668381	-84.168821	860.41	5.00	865.41
13	40.667490	-84.169974	856.80	5.00	861.80
14	40.666623	-84.171031	856.23	5.00	861.23

Name: 217
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 60.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 138,339 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.662881	-84.185810	854.17	5.00	859.17
2	40.662883	-84.185461	852.46	5.00	857.46
3	40.661010	-84.185515	850.95	5.00	855.95
4	40.661006	-84.185911	851.98	5.00	856.98
5	40.661003	-84.186312	853.87	5.00	858.87
6	40.661900	-84.186286	852.27	5.00	857.27
7	40.662820	-84.186250	853.92	5.00	858.92
8	40.662704	-84.186250	853.22	5.00	858.22
9	40.662700	-84.185821	852.51	5.00	857.51



2-Mile Flight Path Receptor(s)

Name: Allen County Airport Runway 10
Description:
Threshold height : 50 ft
Direction: 90.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706950	-84.038757	946.44	50.00	996.44
2-mile point	40.706950	-84.076942	904.00	645.90	1549.90



Name: Allen County Airport Runway 28
Description:
Threshold height : 50 ft
Direction: 270.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706946	-84.017749	975.51	50.00	1025.51
2-mile point	40.706946	-83.979564	980.77	598.20	1578.97



Name: Youngpeter Airport North Approach
Description:
Threshold height : 50 ft
Direction: 0.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.780297	-84.368399	803.72	50.00	853.72
2-mile point	40.751384	-84.368399	808.77	598.41	1407.18



Name: Youngpeter Airport South Approach
Description:
Threshold height : 50 ft
Direction: 180.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.786471	-84.368410	791.74	50.00	841.74
2-mile point	40.815384	-84.368410	782.35	612.85	1395.20



Route Receptor(s)

Name: Beeler Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671918	-84.165355	855.00	5.00	860.00
2	40.671368	-84.165350	850.45	5.00	855.45
3	40.670628	-84.165338	853.57	5.00	858.57
4	40.669930	-84.165330	860.47	5.00	865.47
5	40.668910	-84.165319	866.18	5.00	871.18
6	40.668020	-84.165307	863.83	5.00	868.83
7	40.667279	-84.165306	861.62	5.00	866.62
8	40.666727	-84.165289	863.33	5.00	868.33
9	40.665944	-84.165289	867.35	5.00	872.35
10	40.665177	-84.165279	865.23	5.00	870.23
11	40.664827	-84.165270	865.05	5.00	870.05
12	40.664470	-84.165273	864.96	5.00	869.96

Name: Bowsher Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671579	-84.203605	841.68	5.00	846.68
2	40.671581	-84.202486	837.50	5.00	842.50
3	40.671578	-84.201372	837.11	5.00	842.11
4	40.671583	-84.199939	838.05	5.00	843.05
5	40.671584	-84.198687	838.51	5.00	843.51
6	40.671585	-84.197453	838.10	5.00	843.10
7	40.671585	-84.195645	840.22	5.00	845.22
8	40.671587	-84.194385	843.68	5.00	848.68
9	40.671597	-84.192718	848.82	5.00	853.82
10	40.671599	-84.191451	850.06	5.00	855.07
11	40.671592	-84.190208	849.52	5.00	854.52
12	40.671582	-84.189233	848.74	5.00	853.74
13	40.671587	-84.188258	846.98	5.00	851.98
14	40.671597	-84.186311	843.56	5.00	848.56
15	40.671610	-84.184490	843.75	5.00	848.75
16	40.671627	-84.182128	849.93	5.00	854.93
17	40.671647	-84.179779	849.28	5.00	854.28
18	40.671666	-84.177713	854.27	5.00	859.27
19	40.671682	-84.176418	853.44	5.00	858.44
20	40.671691	-84.175132	855.37	5.00	860.38
21	40.671700	-84.173304	855.94	5.00	860.94
22	40.671712	-84.171810	855.21	5.00	860.21
23	40.671722	-84.170685	857.33	5.00	862.33
24	40.671725	-84.167992	851.79	5.00	856.79
25	40.671745	-84.165374	852.68	5.00	857.68

Name: North Sellers Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686198	-84.184633	844.07	5.00	849.07
2	40.685303	-84.184617	842.44	5.00	847.44
3	40.684522	-84.184601	842.29	5.00	847.29
4	40.683468	-84.184574	842.32	5.00	847.32
5	40.682281	-84.184564	842.83	5.00	847.83
6	40.681406	-84.184550	842.74	5.00	847.74
7	40.680377	-84.184531	842.81	5.00	847.81
8	40.678815	-84.184531	842.04	5.00	847.04
9	40.678056	-84.184521	842.19	5.00	847.19
10	40.677189	-84.184513	842.87	5.00	847.87
11	40.676715	-84.184513	844.45	5.00	849.45
12	40.675778	-84.184511	849.84	5.00	854.84
13	40.674975	-84.184497	849.23	5.00	854.23
14	40.674189	-84.184484	850.70	5.00	855.70
15	40.673427	-84.184486	844.06	5.00	849.06
16	40.672530	-84.184489	842.75	5.00	847.75
17	40.671613	-84.184491	843.75	5.00	848.75

Name: Railroad
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686866	-84.165890	843.38	15.00	858.38
2	40.685945	-84.167443	841.84	15.00	856.84
3	40.685417	-84.168316	842.24	15.00	857.24
4	40.684918	-84.169162	842.47	15.00	857.47
5	40.684148	-84.170426	844.05	15.00	859.05
6	40.683333	-84.171666	845.98	15.00	860.98
7	40.682526	-84.172885	847.67	15.00	862.67
8	40.681784	-84.173991	848.14	15.00	863.14
9	40.681037	-84.175121	847.88	15.00	862.88
10	40.680668	-84.175664	848.51	15.00	863.51
11	40.680290	-84.176235	848.42	15.00	863.42
12	40.679515	-84.177396	848.86	15.00	863.86
13	40.678682	-84.178644	848.84	15.00	863.84
14	40.677833	-84.179920	849.08	15.00	864.08
15	40.677419	-84.180544	849.15	15.00	864.15
16	40.676989	-84.181192	848.83	15.00	863.83
17	40.676363	-84.182119	850.28	15.00	865.28
18	40.675740	-84.183055	851.81	15.00	866.81
19	40.675146	-84.183948	851.35	15.00	866.35
20	40.674668	-84.184665	850.61	15.00	865.61
21	40.674186	-84.185380	849.30	15.00	864.30
22	40.673435	-84.186519	847.58	15.00	862.58
23	40.672786	-84.187487	846.51	15.00	861.51
24	40.672157	-84.188432	847.56	15.00	862.56
25	40.671637	-84.189211	847.83	15.00	862.84
26	40.671140	-84.189961	847.38	15.00	862.38
27	40.670444	-84.191007	845.82	15.00	860.82
28	40.669498	-84.192429	845.14	15.00	860.14
29	40.668756	-84.193538	844.60	15.00	859.60
30	40.667986	-84.194687	844.77	15.00	859.77
31	40.667570	-84.195314	844.86	15.00	859.86
32	40.666011	-84.197690	847.59	15.00	862.59
33	40.664327	-84.200195	848.03	15.00	863.03

Name: South Sellers Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671610	-84.184505	843.76	5.00	848.76
2	40.670914	-84.184494	845.53	5.00	850.54
3	40.670226	-84.184486	845.88	5.00	850.88
4	40.669478	-84.184480	847.07	5.00	852.07
5	40.668845	-84.184480	848.20	5.00	853.20
6	40.668194	-84.184464	848.15	5.00	853.15
7	40.667508	-84.184459	848.28	5.00	853.28
8	40.666603	-84.184435	850.13	5.00	855.13
9	40.665537	-84.184427	850.35	5.00	855.35
10	40.664593	-84.184413	850.49	5.00	855.49
11	40.664056	-84.184411	848.30	5.00	853.30
12	40.661893	-84.184368	851.33	5.00	856.33
13	40.661071	-84.184362	852.51	5.00	857.51
14	40.660395	-84.184362	851.95	5.00	856.95
15	40.659435	-84.184341	854.50	5.00	859.50
16	40.658654	-84.184322	855.95	5.00	860.95
17	40.657897	-84.184322	854.59	5.00	859.59
18	40.657164	-84.184336	852.62	5.00	857.62
19	40.656385	-84.184338	852.34	5.00	857.34
20	40.655685	-84.184325	855.81	5.00	860.81
21	40.654529	-84.184325	857.42	5.00	862.42
22	40.653392	-84.184315	855.73	5.00	860.73

Name: S Wapakoneta Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686108	-84.203756	863.93	5.00	868.93
2	40.685427	-84.203755	859.88	5.00	864.88
3	40.684717	-84.203744	857.16	5.00	862.16
4	40.683843	-84.203739	852.37	5.00	857.37
5	40.682971	-84.203725	850.06	5.00	855.06
6	40.681809	-84.203720	848.70	5.00	853.70
7	40.681074	-84.203704	846.77	5.00	851.78
8	40.680339	-84.203700	846.99	5.00	851.99
9	40.679512	-84.203696	844.10	5.00	849.10
10	40.678660	-84.203680	840.91	5.00	845.91
11	40.677829	-84.203666	839.72	5.00	844.72
12	40.676972	-84.203661	841.45	5.00	846.45
13	40.675934	-84.203639	841.01	5.00	846.01
14	40.674681	-84.203627	840.14	5.00	845.14
15	40.674321	-84.203630	839.44	5.00	844.44
16	40.673687	-84.203615	838.85	5.00	843.85
17	40.673213	-84.203610	839.19	5.00	844.19
18	40.672454	-84.203607	839.24	5.00	844.24
19	40.671691	-84.203606	841.32	5.00	846.32
20	40.671060	-84.203591	840.96	5.00	845.96
21	40.670509	-84.203595	839.16	5.00	844.16
22	40.669557	-84.203588	840.63	5.00	845.63
23	40.668048	-84.203574	839.77	5.00	844.77
24	40.666580	-84.203560	841.80	5.00	846.80
25	40.665394	-84.203548	844.11	5.00	849.11
26	40.664283	-84.203556	842.37	5.00	847.37

Name: West Hume Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664270	-84.203544	842.49	5.00	847.49
2	40.664274	-84.202530	843.03	5.00	848.03
3	40.664290	-84.201178	841.89	5.00	846.90
4	40.664282	-84.199842	847.62	5.00	852.62
5	40.664294	-84.198539	850.59	5.00	855.59
6	40.664298	-84.196956	847.05	5.00	852.05
7	40.664306	-84.195374	846.70	5.00	851.70
8	40.664311	-84.193201	846.67	5.00	851.67
9	40.664315	-84.191801	845.03	5.00	850.04
10	40.664331	-84.191082	848.53	5.00	853.53
11	40.664323	-84.187713	849.47	5.00	854.47
12	40.664335	-84.186796	848.64	5.00	853.64
13	40.664335	-84.185782	847.97	5.00	852.97
14	40.664343	-84.184173	848.69	5.00	853.69
15	40.664343	-84.183014	848.47	5.00	853.47
16	40.664343	-84.181888	848.56	5.00	853.56
17	40.664355	-84.180734	849.67	5.00	854.67
18	40.664372	-84.178696	854.78	5.00	859.78
19	40.664376	-84.177360	855.96	5.00	860.96
20	40.664384	-84.176346	855.26	5.00	860.26
21	40.664396	-84.174737	854.49	5.00	859.49
22	40.664429	-84.171813	860.64	5.00	865.64
23	40.664433	-84.170043	862.63	5.00	867.63
24	40.664453	-84.167967	861.30	5.00	866.30
25	40.664469	-84.165741	863.72	5.00	868.72
26	40.664477	-84.164839	865.30	5.00	870.30
27	40.664481	-84.163450	866.23	5.00	871.23
28	40.664502	-84.161959	867.22	5.00	872.22
29	40.664514	-84.160376	867.39	5.00	872.39
30	40.664534	-84.158563	864.55	5.00	869.55
31	40.664538	-84.157705	862.94	5.00	867.94

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	ft	ft	ft
OP 1	40.740549	-84.118333	868.53	500.02	1368.56
OP 2	40.735693	-84.086896	885.19	500.02	1385.21
OP 3	40.676707	-84.203284	841.17	25.00	866.18
OP 4	40.675336	-84.203992	839.53	25.00	864.53
OP 5	40.669414	-84.203064	842.79	25.00	867.79
OP 6	40.669097	-84.203976	845.94	25.00	870.94
OP 7	40.672336	-84.196844	839.88	25.00	864.88
OP 8	40.671874	-84.190764	850.47	25.00	875.47
OP 9	40.671919	-84.189838	847.65	25.00	872.65
OP 10	40.673235	-84.183948	844.64	25.00	869.64
OP 11	40.672029	-84.184039	848.18	25.00	873.18
OP 12	40.671876	-84.181931	851.27	25.00	876.28
OP 13	40.673666	-84.177339	860.26	25.00	885.26
OP 14	40.674675	-84.174590	862.24	25.00	887.24
OP 15	40.671984	-84.171377	860.22	25.00	885.22
OP 16	40.670771	-84.166916	856.00	25.00	881.00
OP 17	40.669533	-84.165634	867.31	25.00	892.32
OP 18	40.666064	-84.165001	868.30	25.00	893.30
OP 19	40.663861	-84.165881	869.90	25.00	894.90
OP 20	40.663222	-84.165645	869.32	25.00	894.32
OP 21	40.662722	-84.165509	869.35	25.00	894.35
OP 22	40.664681	-84.172863	856.81	25.00	881.81
OP 23	40.664095	-84.176801	855.34	25.00	880.34
OP 24	40.664008	-84.177627	854.88	25.00	879.88
OP 25	40.664634	-84.178300	854.06	25.00	879.06
OP 26	40.664547	-84.179070	855.01	25.00	880.01
OP 27	40.664115	-84.179405	854.42	25.00	879.42
OP 28	40.663068	-84.185990	856.20	25.00	881.20
OP 29	40.664119	-84.189876	856.94	25.00	881.94
OP 30	40.664569	-84.198387	849.03	25.00	874.03
OP 31	40.664494	-84.198905	851.90	25.00	876.90
OP 32	40.664160	-84.199465	848.28	25.00	873.28
OP 33	40.664058	-84.201834	840.08	25.00	865.08
OP 34	40.664557	-84.203094	844.89	25.00	869.89
OP 35	40.664675	-84.209668	842.57	25.00	867.57
OP 36	40.654127	-84.186953	853.68	25.00	878.68
OP 37	40.653850	-84.185242	858.84	25.00	883.84
OP 38	40.656755	-84.186079	854.46	25.00	879.46
OP 39	40.669007	-84.182651	852.77	25.00	877.78

PV Array Results

Summary of PV Glare Analysis PV configuration and predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
201	SA tracking	SA tracking	0	0	-	-
202	SA tracking	SA tracking	0	0	-	-
203	SA tracking	SA tracking	0	0	-	-
204	SA tracking	SA tracking	0	0	-	-
205	SA tracking	SA tracking	0	0	-	-
206	SA tracking	SA tracking	0	0	-	-
207	SA tracking	SA tracking	0	0	-	-
208	SA tracking	SA tracking	0	0	-	-
209	SA tracking	SA tracking	0	0	-	-
210	SA tracking	SA tracking	0	0	-	-
211	SA tracking	SA tracking	0	0	-	-
212	SA tracking	SA tracking	0	0	-	-
213	SA tracking	SA tracking	0	0	-	-
214	SA tracking	SA tracking	0	0	-	-
215	SA tracking	SA tracking	0	0	-	-
216	SA tracking	SA tracking	0	0	-	-
217	SA tracking	SA tracking	0	0	-	-

Click the name of the PV array to scroll to its results

PV & Receptor Analysis Results detailed results for each PV array and receptor

201 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

202 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

203 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

204 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

205 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

206 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

207 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

208 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

209 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

210 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

211 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

212 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

213 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

214 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

215 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

216 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

217 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results for large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Glare vector plots are simplified representations of analysis data. Actual glare emanations and results may differ.
- Glare analysis methods used: OP V1, FP V1, Route V1
- Refer to the **Help page** for assumptions and limitations not listed here.

Site Configuration: Block 2 5 ft veh 10 ft pan

Project site configuration details and results.

Created **Jan. 14, 2021 1:46 p.m.**
Updated **Jan. 14, 2021 9:16 p.m.**
DNI **varies** and peaks at **1,000.0 W/m^2**
Analyze every **1** minute(s)
0.5 ocular transmission coefficient
0.002 m pupil diameter
0.017 m eye focal length
9.3 mrad sun subtended angle
Timezone **UTC-5**
Site Configuration ID: 48055.8653

Summary of Results No glare predicted!

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
201	SA tracking	SA tracking	0	0	-
202	SA tracking	SA tracking	0	0	-
203	SA tracking	SA tracking	0	0	-
204	SA tracking	SA tracking	0	0	-
205	SA tracking	SA tracking	0	0	-
206	SA tracking	SA tracking	0	0	-
207	SA tracking	SA tracking	0	0	-
208	SA tracking	SA tracking	0	0	-
209	SA tracking	SA tracking	0	0	-
210	SA tracking	SA tracking	0	0	-
211	SA tracking	SA tracking	0	0	-
212	SA tracking	SA tracking	0	0	-
213	SA tracking	SA tracking	0	0	-
214	SA tracking	SA tracking	0	0	-
215	SA tracking	SA tracking	0	0	-
216	SA tracking	SA tracking	0	0	-
217	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Name: 201
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 865,233 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664119	-84.189100	852.53	10.00	862.53
2	40.664136	-84.187737	849.23	10.00	859.23
3	40.664152	-84.186396	848.41	10.00	858.41
4	40.663515	-84.186385	852.02	10.00	862.02
5	40.662821	-84.186372	853.81	10.00	863.81
6	40.662825	-84.186251	853.98	10.00	863.98
7	40.662328	-84.186261	852.48	10.00	862.48
8	40.661865	-84.186281	852.23	10.00	862.23
9	40.661004	-84.186310	853.87	10.00	863.87
10	40.660992	-84.187265	855.27	10.00	865.27
11	40.660994	-84.189121	852.19	10.00	862.19
12	40.661751	-84.189105	850.49	10.00	860.49
13	40.662532	-84.189100	851.73	10.00	861.73
14	40.663338	-84.189100	851.32	10.00	861.32

Name: 202
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,030,430 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.663273	-84.185033	849.32	10.00	859.32
2	40.663273	-84.184560	848.87	10.00	858.87
3	40.662117	-84.184544	849.90	10.00	859.90
4	40.660913	-84.184560	850.40	10.00	860.40
5	40.659016	-84.184571	854.62	10.00	864.62
6	40.659016	-84.186438	852.67	10.00	862.67
7	40.659016	-84.188198	853.20	10.00	863.20
8	40.659765	-84.188198	855.57	10.00	865.57
9	40.659757	-84.189099	853.32	10.00	863.32
10	40.660998	-84.189126	852.41	10.00	862.41
11	40.660998	-84.187318	855.51	10.00	865.51
12	40.661004	-84.186390	853.99	10.00	863.99
13	40.661007	-84.185953	852.21	10.00	862.21
14	40.661010	-84.185515	850.95	10.00	860.95
15	40.662882	-84.185462	852.46	10.00	862.46
16	40.662906	-84.185022	850.51	10.00	860.51

Name: 203
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 346,802 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.659024	-84.186932	852.49	10.00	862.49
2	40.658337	-84.186932	852.56	10.00	862.56
3	40.657738	-84.186942	852.73	10.00	862.73
4	40.657722	-84.185537	850.41	10.00	860.41
5	40.657226	-84.185086	850.51	10.00	860.51
6	40.657234	-84.184528	851.08	10.00	861.08
7	40.658166	-84.184550	854.72	10.00	864.72
8	40.659016	-84.184560	854.58	10.00	864.59
9	40.659020	-84.185714	853.13	10.00	863.13

Name: 204
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 908,993 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.666276	-84.203208	842.40	10.00	852.40
2	40.666317	-84.198294	846.57	10.00	856.57
3	40.666683	-84.197661	845.51	10.00	855.51
4	40.667643	-84.197672	840.16	10.00	850.16
5	40.668050	-84.197661	839.25	10.00	849.25
6	40.668034	-84.198563	843.74	10.00	853.74
7	40.668050	-84.199110	847.08	10.00	857.09
8	40.668050	-84.199807	846.38	10.00	856.38
9	40.668058	-84.200730	843.80	10.00	853.80
10	40.668066	-84.202049	842.13	10.00	852.13
11	40.668050	-84.203155	839.60	10.00	849.60
12	40.667196	-84.203187	839.81	10.00	849.82

Name: 205
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 751,057 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.668066	-84.203143	839.58	10.00	849.58
2	40.668880	-84.203143	839.57	10.00	849.57
3	40.668872	-84.202199	838.23	10.00	848.23
4	40.669694	-84.202209	837.01	10.00	847.01
5	40.669694	-84.199023	837.17	10.00	847.17
6	40.669116	-84.199023	838.96	10.00	848.96
7	40.669091	-84.197575	837.72	10.00	847.72
8	40.668058	-84.197639	839.20	10.00	849.20



Name: 206
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 541,923 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.674471	-84.172009	854.74	10.00	864.74
2	40.673649	-84.172019	856.92	10.00	866.92
3	40.673673	-84.170539	856.02	10.00	866.02
4	40.673067	-84.170560	857.97	10.00	867.97
5	40.672509	-84.170582	858.45	10.00	868.45
6	40.672509	-84.170056	856.80	10.00	866.80
7	40.671932	-84.170110	857.92	10.00	867.92
8	40.671944	-84.168972	853.25	10.00	863.25
9	40.671940	-84.168093	850.95	10.00	860.95
10	40.672542	-84.168071	846.32	10.00	856.32
11	40.673063	-84.168667	848.20	10.00	858.20
12	40.673730	-84.169434	847.89	10.00	857.89
13	40.674487	-84.169402	844.98	10.00	854.98
14	40.674479	-84.170673	848.57	10.00	858.57



Name: 207
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 764,926 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.667928	-84.189132	845.41	10.00	855.41
2	40.667916	-84.188140	845.01	10.00	855.01
3	40.667920	-84.187276	843.84	10.00	853.84
4	40.667289	-84.187222	845.65	10.00	855.65
5	40.666659	-84.187169	845.30	10.00	855.30
6	40.666207	-84.186804	844.25	10.00	854.25
7	40.665796	-84.186471	844.45	10.00	854.45
8	40.665055	-84.185945	845.18	10.00	855.18
9	40.664868	-84.185667	845.36	10.00	855.36
10	40.664461	-84.185656	845.83	10.00	855.83
11	40.664449	-84.186761	846.22	10.00	856.23
12	40.664453	-84.187909	846.87	10.00	856.87
13	40.664825	-84.187920	846.22	10.00	856.22
14	40.665275	-84.187930	846.28	10.00	856.28
15	40.665275	-84.188523	845.93	10.00	855.93
16	40.665275	-84.189143	845.70	10.00	855.70
17	40.665871	-84.189135	846.35	10.00	856.35
18	40.666561	-84.189137	849.12	10.00	859.12
19	40.667259	-84.189132	850.56	10.00	860.56

Name: 208
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 710,893 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670654	-84.184669	844.01	10.00	854.01
2	40.670654	-84.185924	843.95	10.00	853.95
3	40.670654	-84.187351	842.74	10.00	852.74
4	40.669983	-84.187329	843.36	10.00	853.36
5	40.669393	-84.187351	843.83	10.00	853.83
6	40.668510	-84.186975	843.81	10.00	853.82
7	40.667725	-84.186729	843.66	10.00	853.66
8	40.667741	-84.185656	847.95	10.00	857.95
9	40.667737	-84.184626	847.43	10.00	857.43
10	40.668481	-84.184637	847.46	10.00	857.46
11	40.669165	-84.184647	845.70	10.00	855.70
12	40.669899	-84.184658	846.22	10.00	856.22

Name: 209
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,045,635 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.667326	-84.183274	845.12	10.00	855.12
2	40.667334	-84.181675	855.43	10.00	865.43
3	40.667326	-84.179750	854.76	10.00	864.76
4	40.666272	-84.179750	852.89	10.00	862.89
5	40.665267	-84.179766	850.21	10.00	860.21
6	40.665267	-84.180195	850.11	10.00	860.11
7	40.664730	-84.180195	849.70	10.00	859.70
8	40.664712	-84.181166	848.04	10.00	858.04
9	40.664693	-84.182158	847.52	10.00	857.52
10	40.664691	-84.183247	847.59	10.00	857.59
11	40.664673	-84.184229	851.13	10.00	861.13
12	40.665828	-84.184175	848.15	10.00	858.15
13	40.666060	-84.183698	847.23	10.00	857.23
14	40.666593	-84.183682	847.67	10.00	857.67
15	40.666593	-84.183312	847.82	10.00	857.82

Name: 210
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 980,002 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.667940	-84.183284	846.55	10.00	856.55
2	40.667325	-84.183273	845.12	10.00	855.12
3	40.667334	-84.180886	854.38	10.00	864.38
4	40.667342	-84.178526	856.63	10.00	866.63
5	40.667903	-84.178547	857.68	10.00	867.68
6	40.668554	-84.178531	856.29	10.00	866.29
7	40.668554	-84.177490	856.24	10.00	866.24
8	40.669881	-84.177485	857.47	10.00	867.47
9	40.669885	-84.178314	852.75	10.00	862.75
10	40.669887	-84.178534	851.94	10.00	861.94
11	40.669890	-84.178749	851.85	10.00	861.85
12	40.669889	-84.179191	851.05	10.00	861.05
13	40.669887	-84.179699	850.44	10.00	860.44
14	40.669893	-84.180229	850.11	10.00	860.11
15	40.669900	-84.180870	849.56	10.00	859.56
16	40.669893	-84.181476	850.47	10.00	860.47
17	40.669263	-84.181465	853.89	10.00	863.89
18	40.668589	-84.181454	854.71	10.00	864.71
19	40.667956	-84.181454	854.01	10.00	864.02

Name: 211
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 638,835 sq-ft



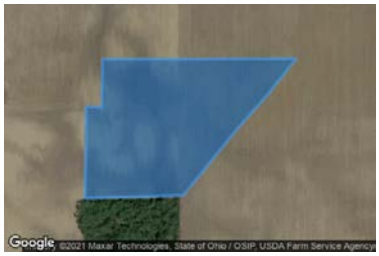
Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670276	-84.184229	844.01	10.00	854.01
2	40.670723	-84.184229	843.72	10.00	853.72
3	40.670721	-84.183918	844.94	10.00	854.94
4	40.671130	-84.183918	843.86	10.00	853.86
5	40.671138	-84.182684	847.88	10.00	857.88
6	40.670898	-84.182684	848.73	10.00	858.73
7	40.670915	-84.181305	849.39	10.00	859.39
8	40.671285	-84.181300	848.53	10.00	858.53
9	40.671273	-84.180270	850.71	10.00	860.71
10	40.671260	-84.179267	851.83	10.00	861.83
11	40.670823	-84.178355	854.75	10.00	864.75
12	40.670342	-84.177907	856.54	10.00	866.54
13	40.669881	-84.177486	857.39	10.00	867.39
14	40.669885	-84.179489	850.57	10.00	860.57
15	40.669897	-84.181482	850.50	10.00	860.50
16	40.670308	-84.181482	851.01	10.00	861.01
17	40.670284	-84.182826	850.47	10.00	860.47

Name: 212
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 969,490 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671533	-84.178543	853.34	10.00	863.34
2	40.671285	-84.178575	854.38	10.00	864.39
3	40.670546	-84.177902	857.33	10.00	867.33
4	40.669828	-84.177239	859.03	10.00	869.03
5	40.669167	-84.176906	856.51	10.00	866.51
6	40.668514	-84.176595	857.87	10.00	867.87
7	40.668140	-84.176595	856.13	10.00	866.13
8	40.668148	-84.175447	853.48	10.00	863.48
9	40.668148	-84.174337	855.22	10.00	865.22
10	40.669543	-84.174294	852.18	10.00	862.18
11	40.670955	-84.174251	853.03	10.00	863.03
12	40.670947	-84.175029	851.98	10.00	861.98
13	40.670963	-84.175860	853.26	10.00	863.26
14	40.671541	-84.175957	851.99	10.00	861.99
15	40.671537	-84.177236	851.06	10.00	861.06

Name: 213
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,037,811 sq-ft



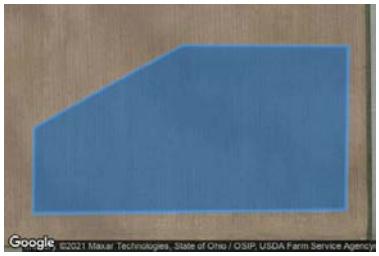
Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.668150	-84.174739	854.44	10.00	864.44
2	40.667194	-84.174744	854.23	10.00	864.23
3	40.666351	-84.174771	855.80	10.00	865.80
4	40.666380	-84.173419	853.95	10.00	863.95
5	40.666408	-84.172218	853.43	10.00	863.43
6	40.667055	-84.171523	855.05	10.00	865.05
7	40.667686	-84.170850	855.78	10.00	865.78
8	40.668390	-84.170026	861.99	10.00	871.99
9	40.669098	-84.169291	861.51	10.00	871.51
10	40.669094	-84.170480	855.45	10.00	865.45
11	40.669090	-84.171697	855.04	10.00	865.04
12	40.669084	-84.173001	853.26	10.00	863.26
13	40.669088	-84.174310	852.52	10.00	862.52
14	40.668823	-84.174314	852.20	10.00	862.20
15	40.668598	-84.174318	853.59	10.00	863.59
16	40.668142	-84.174331	855.17	10.00	865.17

Name: 214
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,054,359 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670745	-84.174255	851.83	10.00	861.83
2	40.670741	-84.173797	852.23	10.00	862.23
3	40.670737	-84.173354	852.88	10.00	862.88
4	40.671128	-84.173335	852.71	10.00	862.71
5	40.671535	-84.173300	853.48	10.00	863.48
6	40.671543	-84.172614	853.86	10.00	863.86
7	40.670965	-84.172614	853.26	10.00	863.26
8	40.670962	-84.171527	854.18	10.00	864.18
9	40.670959	-84.170473	853.66	10.00	863.66
10	40.670958	-84.169408	854.52	10.00	864.52
11	40.670957	-84.168354	856.73	10.00	866.73
12	40.670428	-84.168344	861.72	10.00	871.72
13	40.670403	-84.168580	859.33	10.00	869.34
14	40.670090	-84.168569	862.51	10.00	872.51
15	40.670088	-84.168907	860.99	10.00	870.99
16	40.669574	-84.168958	864.65	10.00	874.65
17	40.669093	-84.169288	861.51	10.00	871.51
18	40.669097	-84.170570	855.03	10.00	865.03
19	40.669093	-84.171820	855.12	10.00	865.12
20	40.669087	-84.173083	852.86	10.00	862.86
21	40.669093	-84.174306	852.52	10.00	862.52
22	40.669921	-84.174281	851.96	10.00	861.96

Name: 215
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 580,763 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664805	-84.169717	858.45	10.00	868.45
2	40.665643	-84.169706	858.08	10.00	868.09
3	40.666090	-84.168665	859.02	10.00	869.02
4	40.666457	-84.167775	858.47	10.00	868.47
5	40.666453	-84.166681	861.13	10.00	871.13
6	40.666449	-84.165629	863.27	10.00	873.27
7	40.665618	-84.165645	865.08	10.00	875.08
8	40.664837	-84.165661	863.18	10.00	873.18
9	40.664821	-84.167657	862.96	10.00	872.96

Name: 216
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 849,435 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.665887	-84.172024	854.07	10.00	864.07
2	40.665891	-84.171020	855.92	10.00	865.92
3	40.665895	-84.170146	857.74	10.00	867.74
4	40.666446	-84.169052	858.20	10.00	868.20
5	40.667014	-84.167872	857.91	10.00	867.92
6	40.667549	-84.166734	859.87	10.00	869.87
7	40.668052	-84.165661	864.35	10.00	874.35
8	40.668589	-84.165640	866.55	10.00	876.55
9	40.668581	-84.166648	861.94	10.00	871.95
10	40.669215	-84.166638	866.80	10.00	876.80
11	40.669224	-84.167775	861.35	10.00	871.35
12	40.668381	-84.168821	860.41	10.00	870.41
13	40.667490	-84.169974	856.80	10.00	866.80
14	40.666623	-84.171031	856.23	10.00	866.23

Name: 217
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 60.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 138,339 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.662881	-84.185810	854.17	10.00	864.17
2	40.662883	-84.185461	852.46	10.00	862.46
3	40.661010	-84.185515	850.95	10.00	860.95
4	40.661006	-84.185911	851.98	10.00	861.98
5	40.661003	-84.186312	853.87	10.00	863.87
6	40.661900	-84.186286	852.27	10.00	862.27
7	40.662820	-84.186250	853.92	10.00	863.92
8	40.662704	-84.186250	853.22	10.00	863.22
9	40.662700	-84.185821	852.51	10.00	862.51

2-Mile Flight Path Receptor(s)

Name: Allen County Airport Runway 10
Description:
Threshold height : 50 ft
Direction: 90.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg



Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706950	-84.038757	946.44	50.00	996.44
2-mile point	40.706950	-84.076942	904.00	645.90	1549.90

Name: Allen County Airport Runway 28
Description:
Threshold height : 50 ft
Direction: 270.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg



Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706946	-84.017749	975.51	50.00	1025.51
2-mile point	40.706946	-83.979564	980.77	598.20	1578.97

Name: Youngpeter Airport North Approach
Description:
Threshold height : 50 ft
Direction: 0.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.780297	-84.368399	803.72	50.00	853.72
2-mile point	40.751384	-84.368399	808.77	598.41	1407.18



Name: Youngpeter Airport South Approach
Description:
Threshold height : 50 ft
Direction: 180.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.786471	-84.368410	791.74	50.00	841.74
2-mile point	40.815384	-84.368410	782.35	612.85	1395.20



Route Receptor(s)

Name: Beeler Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671918	-84.165355	855.00	5.00	860.00
2	40.671368	-84.165350	850.45	5.00	855.45
3	40.670628	-84.165338	853.57	5.00	858.57
4	40.669930	-84.165330	860.47	5.00	865.47
5	40.668910	-84.165319	866.18	5.00	871.18
6	40.668020	-84.165307	863.83	5.00	868.83
7	40.667279	-84.165306	861.62	5.00	866.62
8	40.666727	-84.165289	863.33	5.00	868.33
9	40.665944	-84.165289	867.35	5.00	872.35
10	40.665177	-84.165279	865.23	5.00	870.23
11	40.664827	-84.165270	865.05	5.00	870.05
12	40.664470	-84.165273	864.96	5.00	869.96

Name: Bowsher Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671579	-84.203605	841.68	5.00	846.68
2	40.671581	-84.202486	837.50	5.00	842.50
3	40.671578	-84.201372	837.11	5.00	842.11
4	40.671583	-84.199939	838.05	5.00	843.05
5	40.671584	-84.198687	838.51	5.00	843.51
6	40.671585	-84.197453	838.10	5.00	843.10
7	40.671585	-84.195645	840.22	5.00	845.22
8	40.671587	-84.194385	843.68	5.00	848.68
9	40.671597	-84.192718	848.82	5.00	853.82
10	40.671599	-84.191451	850.06	5.00	855.07
11	40.671592	-84.190208	849.52	5.00	854.52
12	40.671582	-84.189233	848.74	5.00	853.74
13	40.671587	-84.188258	846.98	5.00	851.98
14	40.671597	-84.186311	843.56	5.00	848.56
15	40.671610	-84.184490	843.75	5.00	848.75
16	40.671627	-84.182128	849.93	5.00	854.93
17	40.671647	-84.179779	849.28	5.00	854.28
18	40.671666	-84.177713	854.27	5.00	859.27
19	40.671682	-84.176418	853.44	5.00	858.44
20	40.671691	-84.175132	855.37	5.00	860.38
21	40.671700	-84.173304	855.94	5.00	860.94
22	40.671712	-84.171810	855.21	5.00	860.21
23	40.671722	-84.170578	857.21	5.00	862.21
24	40.671725	-84.167992	851.79	5.00	856.79
25	40.671745	-84.165374	852.68	5.00	857.68

Name: North Sellers Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686198	-84.184633	844.07	5.00	849.07
2	40.685303	-84.184617	842.44	5.00	847.44
3	40.684522	-84.184601	842.29	5.00	847.29
4	40.683468	-84.184574	842.32	5.00	847.32
5	40.682281	-84.184564	842.83	5.00	847.83
6	40.681406	-84.184550	842.74	5.00	847.74
7	40.680377	-84.184531	842.81	5.00	847.81
8	40.678815	-84.184531	842.04	5.00	847.04
9	40.678056	-84.184521	842.19	5.00	847.19
10	40.677189	-84.184513	842.87	5.00	847.87
11	40.676715	-84.184513	844.45	5.00	849.45
12	40.675778	-84.184511	849.84	5.00	854.84
13	40.674975	-84.184497	849.23	5.00	854.23
14	40.674189	-84.184484	850.70	5.00	855.70
15	40.673427	-84.184486	844.06	5.00	849.06
16	40.672530	-84.184489	842.75	5.00	847.75
17	40.671613	-84.184491	843.75	5.00	848.75

Name: Railroad
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686866	-84.165890	843.38	15.00	858.38
2	40.685945	-84.167443	841.84	15.00	856.84
3	40.685417	-84.168316	842.24	15.00	857.24
4	40.684918	-84.169162	842.47	15.00	857.47
5	40.684148	-84.170426	844.05	15.00	859.05
6	40.683333	-84.171666	845.98	15.00	860.98
7	40.682526	-84.172885	847.67	15.00	862.67
8	40.681784	-84.173991	848.14	15.00	863.14
9	40.681037	-84.175121	847.88	15.00	862.88
10	40.680668	-84.175664	848.51	15.00	863.51
11	40.680290	-84.176235	848.42	15.00	863.42
12	40.679515	-84.177396	848.86	15.00	863.86
13	40.678682	-84.178644	848.84	15.00	863.84
14	40.677833	-84.179920	849.08	15.00	864.08
15	40.677419	-84.180544	849.15	15.00	864.15
16	40.676989	-84.181192	848.83	15.00	863.83
17	40.676363	-84.182119	850.28	15.00	865.28
18	40.675740	-84.183055	851.81	15.00	866.81
19	40.675146	-84.183948	851.35	15.00	866.35
20	40.674668	-84.184665	850.61	15.00	865.61
21	40.674186	-84.185380	849.30	15.00	864.30
22	40.673435	-84.186519	847.58	15.00	862.58
23	40.672786	-84.187487	846.51	15.00	861.51
24	40.672157	-84.188432	847.56	15.00	862.56
25	40.671637	-84.189211	847.83	15.00	862.84
26	40.671140	-84.189961	847.38	15.00	862.38
27	40.670444	-84.191007	845.82	15.00	860.82
28	40.669498	-84.192429	845.14	15.00	860.14
29	40.668756	-84.193538	844.60	15.00	859.60
30	40.667986	-84.194687	844.77	15.00	859.77
31	40.667570	-84.195314	844.86	15.00	859.86
32	40.666011	-84.197690	847.59	15.00	862.59
33	40.664327	-84.200195	848.03	15.00	863.03

Name: South Sellers Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671610	-84.184505	843.76	5.00	848.76
2	40.670914	-84.184494	845.53	5.00	850.54
3	40.670226	-84.184486	845.88	5.00	850.88
4	40.669478	-84.184480	847.07	5.00	852.07
5	40.668845	-84.184480	848.20	5.00	853.20
6	40.668194	-84.184464	848.15	5.00	853.15
7	40.667508	-84.184459	848.28	5.00	853.28
8	40.666603	-84.184435	850.13	5.00	855.13
9	40.665537	-84.184427	850.35	5.00	855.35
10	40.664593	-84.184413	850.49	5.00	855.49
11	40.664056	-84.184411	848.30	5.00	853.30
12	40.661893	-84.184368	851.33	5.00	856.33
13	40.661071	-84.184362	852.51	5.00	857.51
14	40.660395	-84.184362	851.95	5.00	856.95
15	40.659435	-84.184341	854.50	5.00	859.50
16	40.658654	-84.184322	855.95	5.00	860.95
17	40.657897	-84.184322	854.59	5.00	859.59
18	40.657164	-84.184336	852.62	5.00	857.62
19	40.656385	-84.184338	852.34	5.00	857.34
20	40.655685	-84.184325	855.81	5.00	860.81
21	40.654529	-84.184325	857.42	5.00	862.42
22	40.653392	-84.184315	855.73	5.00	860.73

Name: S Wapakoneta Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686108	-84.203756	863.93	5.00	868.93
2	40.685427	-84.203755	859.88	5.00	864.88
3	40.684717	-84.203744	857.16	5.00	862.16
4	40.683843	-84.203739	852.37	5.00	857.37
5	40.682971	-84.203725	850.06	5.00	855.06
6	40.681809	-84.203720	848.70	5.00	853.70
7	40.681074	-84.203704	846.77	5.00	851.78
8	40.680339	-84.203700	846.99	5.00	851.99
9	40.679512	-84.203696	844.10	5.00	849.10
10	40.678660	-84.203680	840.91	5.00	845.91
11	40.677796	-84.203666	839.73	5.00	844.73
12	40.676972	-84.203661	841.45	5.00	846.45
13	40.675934	-84.203639	841.01	5.00	846.01
14	40.674681	-84.203627	840.14	5.00	845.14
15	40.674321	-84.203630	839.44	5.00	844.44
16	40.673687	-84.203615	838.85	5.00	843.85
17	40.673213	-84.203610	839.19	5.00	844.19
18	40.672454	-84.203607	839.24	5.00	844.24
19	40.671691	-84.203606	841.32	5.00	846.32
20	40.671060	-84.203591	840.96	5.00	845.96
21	40.670509	-84.203595	839.16	5.00	844.16
22	40.669557	-84.203588	840.63	5.00	845.63
23	40.667999	-84.203574	839.85	5.00	844.85
24	40.666580	-84.203560	841.80	5.00	846.80
25	40.665394	-84.203548	844.11	5.00	849.11
26	40.664283	-84.203556	842.37	5.00	847.37

Name: West Hume Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664270	-84.203544	842.49	5.00	847.49
2	40.664274	-84.202530	843.03	5.00	848.03
3	40.664290	-84.201178	841.89	5.00	846.90
4	40.664282	-84.199842	847.62	5.00	852.62
5	40.664294	-84.198539	850.59	5.00	855.59
6	40.664298	-84.196956	847.05	5.00	852.05
7	40.664306	-84.195374	846.70	5.00	851.70
8	40.664311	-84.193201	846.67	5.00	851.67
9	40.664315	-84.191801	845.03	5.00	850.04
10	40.664331	-84.191082	848.53	5.00	853.53
11	40.664323	-84.187713	849.47	5.00	854.47
12	40.664335	-84.186796	848.64	5.00	853.64
13	40.664335	-84.185782	847.97	5.00	852.97
14	40.664343	-84.184173	848.69	5.00	853.69
15	40.664343	-84.183014	848.47	5.00	853.47
16	40.664343	-84.181888	848.56	5.00	853.56
17	40.664355	-84.180734	849.67	5.00	854.67
18	40.664372	-84.178696	854.78	5.00	859.78
19	40.664376	-84.177360	855.96	5.00	860.96
20	40.664384	-84.176346	855.26	5.00	860.26
21	40.664396	-84.174737	854.49	5.00	859.49
22	40.664429	-84.171813	860.64	5.00	865.64
23	40.664433	-84.170043	862.63	5.00	867.63
24	40.664453	-84.167967	861.30	5.00	866.30
25	40.664469	-84.165741	863.72	5.00	868.72
26	40.664477	-84.164839	865.30	5.00	870.30
27	40.664481	-84.163450	866.23	5.00	871.23
28	40.664502	-84.161959	867.22	5.00	872.22
29	40.664514	-84.160376	867.39	5.00	872.39
30	40.664534	-84.158563	864.55	5.00	869.55
31	40.664538	-84.157705	862.94	5.00	867.94

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	ft	ft	ft
OP 1	40.740549	-84.118333	868.53	500.02	1368.56
OP 2	40.735693	-84.086896	885.19	500.02	1385.21
OP 3	40.676707	-84.203284	841.17	25.00	866.18
OP 4	40.675336	-84.203992	839.53	25.00	864.53
OP 5	40.669414	-84.203064	842.79	25.00	867.79
OP 6	40.669097	-84.203976	845.94	25.00	870.94
OP 7	40.672336	-84.196844	839.88	25.00	864.88
OP 8	40.671874	-84.190764	850.47	25.00	875.47
OP 9	40.671919	-84.189838	847.65	25.00	872.65
OP 10	40.673235	-84.183948	844.64	25.00	869.64
OP 11	40.672029	-84.184039	848.18	25.00	873.18
OP 12	40.671876	-84.181931	851.27	25.00	876.28
OP 13	40.673666	-84.177339	860.26	25.00	885.26
OP 14	40.674675	-84.174590	862.24	25.00	887.24
OP 15	40.671984	-84.171377	860.22	25.00	885.22
OP 16	40.670771	-84.166916	856.00	25.00	881.00
OP 17	40.669533	-84.165634	867.31	25.00	892.32
OP 18	40.666064	-84.165001	868.30	25.00	893.30
OP 19	40.663861	-84.165881	869.90	25.00	894.90
OP 20	40.663222	-84.165645	869.32	25.00	894.32
OP 21	40.662722	-84.165509	869.35	25.00	894.35
OP 22	40.664681	-84.172863	856.81	25.00	881.81
OP 23	40.664095	-84.176801	855.34	25.00	880.34
OP 24	40.664008	-84.177627	854.88	25.00	879.88
OP 25	40.664634	-84.178300	854.06	25.00	879.06
OP 26	40.664547	-84.179070	855.01	25.00	880.01
OP 27	40.664115	-84.179405	854.42	25.00	879.42
OP 28	40.663068	-84.185990	856.20	25.00	881.20
OP 29	40.664119	-84.189876	856.94	25.00	881.94
OP 30	40.664569	-84.198387	849.03	25.00	874.03
OP 31	40.664494	-84.198905	851.90	25.00	876.90
OP 32	40.664160	-84.199465	848.28	25.00	873.28
OP 33	40.664058	-84.201834	840.08	25.00	865.08
OP 34	40.664557	-84.203094	844.89	25.00	869.89
OP 35	40.664675	-84.209668	842.57	25.00	867.57
OP 36	40.654127	-84.186953	853.68	25.00	878.68
OP 37	40.653850	-84.185242	858.84	25.00	883.84
OP 38	40.656755	-84.186079	854.46	25.00	879.46
OP 39	40.669007	-84.182651	852.77	25.00	877.78

PV Array Results

Summary of PV Glare Analysis PV configuration and predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
201	SA tracking	SA tracking	0	0	-	-
202	SA tracking	SA tracking	0	0	-	-
203	SA tracking	SA tracking	0	0	-	-
204	SA tracking	SA tracking	0	0	-	-
205	SA tracking	SA tracking	0	0	-	-
206	SA tracking	SA tracking	0	0	-	-
207	SA tracking	SA tracking	0	0	-	-
208	SA tracking	SA tracking	0	0	-	-
209	SA tracking	SA tracking	0	0	-	-
210	SA tracking	SA tracking	0	0	-	-
211	SA tracking	SA tracking	0	0	-	-
212	SA tracking	SA tracking	0	0	-	-
213	SA tracking	SA tracking	0	0	-	-
214	SA tracking	SA tracking	0	0	-	-
215	SA tracking	SA tracking	0	0	-	-
216	SA tracking	SA tracking	0	0	-	-
217	SA tracking	SA tracking	0	0	-	-

Click the name of the PV array to scroll to its results

PV & Receptor Analysis Results detailed results for each PV array and receptor

201 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

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202 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

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203 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

204 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

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205 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

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206 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

207 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

208 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

209 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

210 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

211 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

212 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

213 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

214 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

215 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

216 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

217 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results for large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Glare vector plots are simplified representations of analysis data. Actual glare emanations and results may differ.
- Glare analysis methods used: OP V1, FP V1, Route V1
- Refer to the **Help page** for assumptions and limitations not listed here.

Site Configuration: Block 2 9 ft veh 5 ft pan

Project site configuration details and results.

Created **Jan. 14, 2021 6:50 a.m.**
Updated **Jan. 14, 2021 12:05 p.m.**
DNI **varies** and peaks at **1,000.0 W/m^2**
Analyze every **1** minute(s)
0.5 ocular transmission coefficient
0.002 m pupil diameter
0.017 m eye focal length
9.3 mrad sun subtended angle
Timezone **UTC-5**
Site Configuration ID: 48035.8653

Summary of Results No glare predicted!

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
201	SA tracking	SA tracking	0	0	-
202	SA tracking	SA tracking	0	0	-
203	SA tracking	SA tracking	0	0	-
204	SA tracking	SA tracking	0	0	-
205	SA tracking	SA tracking	0	0	-
206	SA tracking	SA tracking	0	0	-
207	SA tracking	SA tracking	0	0	-
208	SA tracking	SA tracking	0	0	-
209	SA tracking	SA tracking	0	0	-
210	SA tracking	SA tracking	0	0	-
211	SA tracking	SA tracking	0	0	-
212	SA tracking	SA tracking	0	0	-
213	SA tracking	SA tracking	0	0	-
214	SA tracking	SA tracking	0	0	-
215	SA tracking	SA tracking	0	0	-
216	SA tracking	SA tracking	0	0	-
217	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Name: 201
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 865,233 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664119	-84.189100	852.53	5.00	857.53
2	40.664136	-84.187737	849.23	5.00	854.23
3	40.664152	-84.186396	848.41	5.00	853.41
4	40.663515	-84.186385	852.02	5.00	857.02
5	40.662821	-84.186372	853.81	5.00	858.81
6	40.662825	-84.186251	853.98	5.00	858.98
7	40.662328	-84.186261	852.48	5.00	857.48
8	40.661865	-84.186281	852.23	5.00	857.23
9	40.661004	-84.186310	853.87	5.00	858.87
10	40.660992	-84.187265	855.27	5.00	860.27
11	40.660994	-84.189121	852.19	5.00	857.19
12	40.661751	-84.189105	850.49	5.00	855.49
13	40.662532	-84.189100	851.73	5.00	856.73
14	40.663338	-84.189100	851.32	5.00	856.32

Name: 202
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,030,430 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.663273	-84.185033	849.32	5.00	854.32
2	40.663273	-84.184560	848.87	5.00	853.87
3	40.662117	-84.184544	849.90	5.00	854.90
4	40.660913	-84.184560	850.40	5.00	855.40
5	40.659016	-84.184571	854.62	5.00	859.62
6	40.659016	-84.186438	852.67	5.00	857.67
7	40.659016	-84.188198	853.20	5.00	858.20
8	40.659765	-84.188198	855.57	5.00	860.57
9	40.659757	-84.189099	853.32	5.00	858.32
10	40.660998	-84.189126	852.41	5.00	857.41
11	40.660998	-84.187318	855.51	5.00	860.51
12	40.661004	-84.186390	853.99	5.00	858.99
13	40.661007	-84.185953	852.21	5.00	857.21
14	40.661010	-84.185515	850.95	5.00	855.95
15	40.662882	-84.185462	852.46	5.00	857.46
16	40.662906	-84.185022	850.51	5.00	855.51

Name: 203
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 346,802 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.659024	-84.186932	852.49	5.00	857.49
2	40.658337	-84.186932	852.56	5.00	857.56
3	40.657738	-84.186942	852.73	5.00	857.73
4	40.657722	-84.185537	850.41	5.00	855.41
5	40.657226	-84.185086	850.51	5.00	855.51
6	40.657234	-84.184528	851.08	5.00	856.08
7	40.658166	-84.184550	854.72	5.00	859.72
8	40.659016	-84.184560	854.58	5.00	859.59
9	40.659020	-84.185714	853.13	5.00	858.13

Name: 204
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 908,993 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.666276	-84.203208	842.40	5.00	847.40
2	40.666317	-84.198294	846.57	5.00	851.57
3	40.666683	-84.197661	845.51	5.00	850.51
4	40.667643	-84.197672	840.16	5.00	845.16
5	40.668050	-84.197661	839.25	5.00	844.25
6	40.668034	-84.198563	843.74	5.00	848.74
7	40.668050	-84.199110	847.08	5.00	852.09
8	40.668050	-84.199807	846.38	5.00	851.38
9	40.668058	-84.200730	843.80	5.00	848.80
10	40.668066	-84.202049	842.13	5.00	847.13
11	40.668050	-84.203155	839.60	5.00	844.60
12	40.667196	-84.203187	839.81	5.00	844.82

Name: 205
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 751,057 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.668066	-84.203143	839.58	5.00	844.58
2	40.668880	-84.203143	839.57	5.00	844.57
3	40.668872	-84.202199	838.23	5.00	843.23
4	40.669694	-84.202209	837.01	5.00	842.01
5	40.669694	-84.199023	837.17	5.00	842.17
6	40.669116	-84.199023	838.96	5.00	843.96
7	40.669091	-84.197575	837.72	5.00	842.72
8	40.668058	-84.197639	839.20	5.00	844.20



Name: 206
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 541,923 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.674471	-84.172009	854.74	5.00	859.74
2	40.673649	-84.172019	856.92	5.00	861.92
3	40.673673	-84.170539	856.02	5.00	861.02
4	40.673067	-84.170560	857.97	5.00	862.97
5	40.672509	-84.170582	858.45	5.00	863.45
6	40.672509	-84.170056	856.80	5.00	861.80
7	40.671932	-84.170110	857.92	5.00	862.92
8	40.671944	-84.168972	853.25	5.00	858.25
9	40.671940	-84.168093	850.95	5.00	855.95
10	40.672542	-84.168071	846.32	5.00	851.32
11	40.673063	-84.168667	848.20	5.00	853.20
12	40.673730	-84.169434	847.89	5.00	852.89
13	40.674487	-84.169402	844.98	5.00	849.98
14	40.674479	-84.170673	848.57	5.00	853.57



Name: 207
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 764,906 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.667928	-84.189132	845.41	5.00	850.41
2	40.667916	-84.188140	845.01	5.00	850.01
3	40.667920	-84.187276	843.84	5.00	848.84
4	40.667289	-84.187222	845.65	5.00	850.65
5	40.666659	-84.187169	845.30	5.00	850.30
6	40.666207	-84.186804	844.25	5.00	849.25
7	40.665796	-84.186471	844.45	5.00	849.45
8	40.665055	-84.185945	845.18	5.00	850.18
9	40.664868	-84.185667	845.36	5.00	850.36
10	40.664461	-84.185656	845.83	5.00	850.83
11	40.664449	-84.186761	846.22	5.00	851.22
12	40.664453	-84.187909	846.87	5.00	851.87
13	40.664858	-84.187920	846.18	5.00	851.18
14	40.665275	-84.187930	846.28	5.00	851.28
15	40.665275	-84.188523	845.93	5.00	850.93
16	40.665275	-84.189143	845.70	5.00	850.70
17	40.665928	-84.189135	846.54	5.00	851.54
18	40.666561	-84.189137	849.12	5.00	854.12
19	40.667259	-84.189132	850.56	5.00	855.56

Name: 208
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 710,893 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670654	-84.184669	844.01	5.00	849.01
2	40.670654	-84.185924	843.95	5.00	848.95
3	40.670654	-84.187351	842.74	5.00	847.74
4	40.669983	-84.187329	843.36	5.00	848.36
5	40.669393	-84.187351	843.83	5.00	848.83
6	40.668510	-84.186975	843.81	5.00	848.81
7	40.667725	-84.186729	843.66	5.00	848.66
8	40.667741	-84.185656	847.95	5.00	852.95
9	40.667737	-84.184626	847.43	5.00	852.43
10	40.668481	-84.184637	847.46	5.00	852.46
11	40.669165	-84.184647	845.70	5.00	850.70
12	40.669899	-84.184658	846.22	5.00	851.22

Name: 209
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,045,635 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.667326	-84.183274	845.12	5.00	850.12
2	40.667334	-84.181675	855.43	5.00	860.43
3	40.667326	-84.179750	854.76	5.00	859.76
4	40.666272	-84.179750	852.89	5.00	857.89
5	40.665267	-84.179766	850.21	5.00	855.21
6	40.665267	-84.180195	850.11	5.00	855.11
7	40.664730	-84.180195	849.70	5.00	854.70
8	40.664712	-84.181166	848.04	5.00	853.04
9	40.664693	-84.182158	847.52	5.00	852.52
10	40.664691	-84.183247	847.59	5.00	852.59
11	40.664673	-84.184229	851.13	5.00	856.13
12	40.665828	-84.184175	848.15	5.00	853.15
13	40.666060	-84.183698	847.23	5.00	852.23
14	40.666593	-84.183682	847.67	5.00	852.67
15	40.666593	-84.183312	847.82	5.00	852.82

Name: 210
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 980,002 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.667940	-84.183284	846.55	5.00	851.55
2	40.667325	-84.183273	845.12	5.00	850.12
3	40.667334	-84.180886	854.38	5.00	859.38
4	40.667342	-84.178526	856.63	5.00	861.63
5	40.667903	-84.178547	857.68	5.00	862.68
6	40.668554	-84.178531	856.29	5.00	861.29
7	40.668554	-84.177490	856.24	5.00	861.24
8	40.669881	-84.177485	857.47	5.00	862.47
9	40.669885	-84.178314	852.75	5.00	857.75
10	40.669887	-84.178534	851.94	5.00	856.94
11	40.669890	-84.178749	851.85	5.00	856.85
12	40.669889	-84.179191	851.05	5.00	856.05
13	40.669887	-84.179699	850.44	5.00	855.44
14	40.669893	-84.180229	850.11	5.00	855.11
15	40.669900	-84.180870	849.56	5.00	854.56
16	40.669893	-84.181476	850.47	5.00	855.47
17	40.669263	-84.181465	853.89	5.00	858.89
18	40.668589	-84.181454	854.71	5.00	859.71
19	40.667956	-84.181454	854.01	5.00	859.01

Name: 211
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 638,835 sq-ft



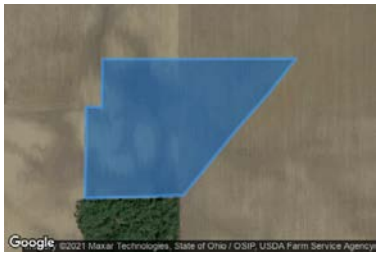
Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670276	-84.184229	844.01	5.00	849.01
2	40.670723	-84.184229	843.72	5.00	848.72
3	40.670721	-84.183918	844.94	5.00	849.94
4	40.671130	-84.183918	843.86	5.00	848.86
5	40.671138	-84.182684	847.88	5.00	852.88
6	40.670898	-84.182684	848.73	5.00	853.73
7	40.670915	-84.181305	849.39	5.00	854.39
8	40.671285	-84.181300	848.53	5.00	853.53
9	40.671273	-84.180270	850.71	5.00	855.71
10	40.671260	-84.179267	851.83	5.00	856.83
11	40.670823	-84.178355	854.75	5.00	859.75
12	40.670342	-84.177907	856.54	5.00	861.54
13	40.669881	-84.177486	857.39	5.00	862.39
14	40.669885	-84.179489	850.57	5.00	855.57
15	40.669897	-84.181482	850.50	5.00	855.50
16	40.670308	-84.181482	851.01	5.00	856.01
17	40.670284	-84.182826	850.47	5.00	855.47

Name: 212
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 969,490 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671533	-84.178543	853.34	5.00	858.34
2	40.671285	-84.178575	854.38	5.00	859.38
3	40.670546	-84.177902	857.33	5.00	862.33
4	40.669828	-84.177239	859.03	5.00	864.03
5	40.669167	-84.176906	856.51	5.00	861.51
6	40.668514	-84.176595	857.87	5.00	862.87
7	40.668140	-84.176595	856.13	5.00	861.13
8	40.668148	-84.175447	853.48	5.00	858.48
9	40.668148	-84.174337	855.22	5.00	860.22
10	40.669543	-84.174294	852.18	5.00	857.18
11	40.670955	-84.174251	853.03	5.00	858.03
12	40.670947	-84.175029	851.98	5.00	856.98
13	40.670963	-84.175860	853.26	5.00	858.26
14	40.671541	-84.175957	851.99	5.00	856.99
15	40.671537	-84.177236	851.06	5.00	856.06

Name: 213
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,037,811 sq-ft



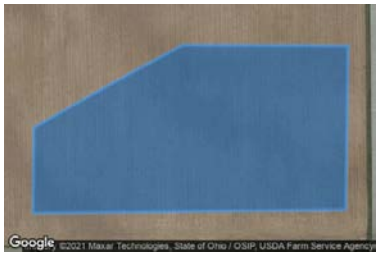
Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.668150	-84.174739	854.44	5.00	859.44
2	40.667194	-84.174744	854.23	5.00	859.23
3	40.666351	-84.174771	855.80	5.00	860.80
4	40.666380	-84.173419	853.95	5.00	858.95
5	40.666408	-84.172218	853.43	5.00	858.43
6	40.667055	-84.171523	855.05	5.00	860.05
7	40.667686	-84.170850	855.78	5.00	860.78
8	40.668390	-84.170026	861.99	5.00	866.99
9	40.669098	-84.169291	861.51	5.00	866.51
10	40.669094	-84.170480	855.45	5.00	860.45
11	40.669090	-84.171697	855.04	5.00	860.04
12	40.669084	-84.173001	853.26	5.00	858.26
13	40.669088	-84.174310	852.52	5.00	857.52
14	40.668823	-84.174314	852.20	5.00	857.20
15	40.668598	-84.174318	853.59	5.00	858.59
16	40.668142	-84.174331	855.17	5.00	860.17

Name: 214
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,054,359 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670745	-84.174255	851.83	5.00	856.83
2	40.670741	-84.173797	852.23	5.00	857.23
3	40.670737	-84.173354	852.88	5.00	857.88
4	40.671128	-84.173335	852.71	5.00	857.71
5	40.671535	-84.173300	853.48	5.00	858.48
6	40.671543	-84.172614	853.86	5.00	858.86
7	40.670965	-84.172614	853.26	5.00	858.26
8	40.670962	-84.171527	854.18	5.00	859.18
9	40.670959	-84.170473	853.66	5.00	858.66
10	40.670958	-84.169408	854.52	5.00	859.52
11	40.670957	-84.168354	856.73	5.00	861.73
12	40.670428	-84.168344	861.72	5.00	866.72
13	40.670403	-84.168580	859.33	5.00	864.34
14	40.670090	-84.168569	862.51	5.00	867.51
15	40.670088	-84.168907	860.99	5.00	865.99
16	40.669574	-84.168958	864.65	5.00	869.65
17	40.669093	-84.169288	861.51	5.00	866.51
18	40.669097	-84.170570	855.03	5.00	860.03
19	40.669093	-84.171820	855.12	5.00	860.12
20	40.669087	-84.173083	852.86	5.00	857.86
21	40.669093	-84.174306	852.52	5.00	857.52
22	40.669921	-84.174281	851.96	5.00	856.96

Name: 215
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 580,763 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664805	-84.169717	858.45	5.00	863.45
2	40.665643	-84.169706	858.08	5.00	863.08
3	40.666090	-84.168665	859.02	5.00	864.02
4	40.666457	-84.167775	858.47	5.00	863.47
5	40.666453	-84.166681	861.13	5.00	866.13
6	40.666449	-84.165629	863.27	5.00	868.27
7	40.665618	-84.165645	865.08	5.00	870.08
8	40.664837	-84.165661	863.18	5.00	868.18
9	40.664821	-84.167657	862.96	5.00	867.96

Name: 216
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 849,435 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.665887	-84.172024	854.07	5.00	859.07
2	40.665891	-84.171020	855.92	5.00	860.92
3	40.665895	-84.170146	857.74	5.00	862.74
4	40.666446	-84.169052	858.20	5.00	863.20
5	40.667014	-84.167872	857.91	5.00	862.91
6	40.667549	-84.166734	859.87	5.00	864.87
7	40.668052	-84.165661	864.35	5.00	869.35
8	40.668589	-84.165640	866.55	5.00	871.55
9	40.668581	-84.166648	861.94	5.00	866.94
10	40.669215	-84.166638	866.80	5.00	871.80
11	40.669224	-84.167775	861.35	5.00	866.35
12	40.668381	-84.168821	860.41	5.00	865.41
13	40.667490	-84.169974	856.80	5.00	861.80
14	40.666623	-84.171031	856.23	5.00	861.23

Name: 217
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 60.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 138,339 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.662881	-84.185810	854.17	5.00	859.17
2	40.662883	-84.185461	852.46	5.00	857.46
3	40.661010	-84.185515	850.95	5.00	855.95
4	40.661006	-84.185911	851.98	5.00	856.98
5	40.661003	-84.186312	853.87	5.00	858.87
6	40.661900	-84.186286	852.27	5.00	857.27
7	40.662820	-84.186250	853.92	5.00	858.92
8	40.662704	-84.186250	853.22	5.00	858.22
9	40.662700	-84.185821	852.51	5.00	857.51



2-Mile Flight Path Receptor(s)

Name: Allen County Airport Runway 10
Description:
Threshold height : 50 ft
Direction: 90.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706950	-84.038757	946.44	50.00	996.44
2-mile point	40.706950	-84.076942	904.00	645.90	1549.90



Name: Allen County Airport Runway 28
Description:
Threshold height : 50 ft
Direction: 270.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706946	-84.017749	975.51	50.00	1025.51
2-mile point	40.706946	-83.979564	980.77	598.20	1578.97



Name: Youngpeter Airport North Approach
Description:
Threshold height : 50 ft
Direction: 0.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.780297	-84.368399	803.72	50.00	853.72
2-mile point	40.751384	-84.368399	808.77	598.41	1407.18



Name: Youngpeter Airport South Approach
Description:
Threshold height : 50 ft
Direction: 180.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.786471	-84.368410	791.74	50.00	841.74
2-mile point	40.815384	-84.368410	782.35	612.85	1395.20



Route Receptor(s)

Name: Beeler Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671918	-84.165355	855.00	9.00	864.00
2	40.671368	-84.165350	850.45	9.00	859.45
3	40.670628	-84.165338	853.57	9.00	862.57
4	40.669930	-84.165330	860.47	9.00	869.47
5	40.668910	-84.165319	866.18	9.00	875.18
6	40.668020	-84.165307	863.83	9.00	872.83
7	40.667279	-84.165306	861.62	9.00	870.62
8	40.666727	-84.165289	863.33	9.00	872.33
9	40.665944	-84.165289	867.35	9.00	876.35
10	40.665177	-84.165279	865.23	9.00	874.23
11	40.664827	-84.165270	865.05	9.00	874.05
12	40.664470	-84.165273	864.96	9.00	873.96

Name: Bowsher Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671579	-84.203605	841.68	9.00	850.68
2	40.671581	-84.202486	837.50	9.00	846.50
3	40.671578	-84.201372	837.11	9.00	846.11
4	40.671583	-84.199939	838.05	9.00	847.05
5	40.671584	-84.198687	838.51	9.00	847.51
6	40.671585	-84.197453	838.10	9.00	847.10
7	40.671585	-84.195645	840.22	9.00	849.22
8	40.671587	-84.194385	843.68	9.00	852.68
9	40.671597	-84.192718	848.82	9.00	857.82
10	40.671599	-84.191451	850.06	9.00	859.07
11	40.671592	-84.190208	849.52	9.00	858.52
12	40.671582	-84.189233	848.74	9.00	857.74
13	40.671587	-84.188258	846.98	9.00	855.98
14	40.671597	-84.186311	843.56	9.00	852.56
15	40.671610	-84.184490	843.75	9.00	852.75
16	40.671627	-84.182128	849.93	9.00	858.93
17	40.671647	-84.179779	849.28	9.00	858.28
18	40.671666	-84.177713	854.27	9.00	863.27
19	40.671682	-84.176418	853.44	9.00	862.44
20	40.671691	-84.175132	855.37	9.00	864.38
21	40.671700	-84.173304	855.94	9.00	864.94
22	40.671712	-84.171810	855.21	9.00	864.21
23	40.671722	-84.170578	857.21	9.00	866.21
24	40.671725	-84.167992	851.79	9.00	860.79
25	40.671745	-84.165374	852.68	9.00	861.68

Name: North Sellers Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686198	-84.184633	844.07	9.00	853.07
2	40.685303	-84.184617	842.44	9.00	851.44
3	40.684522	-84.184601	842.29	9.00	851.29
4	40.683468	-84.184574	842.32	9.00	851.32
5	40.682281	-84.184564	842.83	9.00	851.83
6	40.681406	-84.184550	842.74	9.00	851.74
7	40.680377	-84.184531	842.81	9.00	851.81
8	40.678815	-84.184531	842.04	9.00	851.04
9	40.678056	-84.184521	842.19	9.00	851.19
10	40.677189	-84.184513	842.87	9.00	851.87
11	40.676715	-84.184513	844.45	9.00	853.45
12	40.675778	-84.184511	849.84	9.00	858.84
13	40.674975	-84.184497	849.23	9.00	858.23
14	40.674189	-84.184484	850.70	9.00	859.70
15	40.673427	-84.184486	844.06	9.00	853.06
16	40.672530	-84.184489	842.75	9.00	851.75
17	40.671613	-84.184491	843.75	9.00	852.75

Name: Railroad
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686866	-84.165890	843.38	15.00	858.38
2	40.685945	-84.167443	841.84	15.00	856.84
3	40.685417	-84.168316	842.24	15.00	857.24
4	40.684918	-84.169162	842.47	15.00	857.47
5	40.684148	-84.170426	844.05	15.00	859.05
6	40.683333	-84.171666	845.98	15.00	860.98
7	40.682526	-84.172885	847.67	15.00	862.67
8	40.681784	-84.173991	848.14	15.00	863.14
9	40.681037	-84.175121	847.88	15.00	862.88
10	40.680668	-84.175664	848.51	15.00	863.51
11	40.680290	-84.176235	848.42	15.00	863.42
12	40.679515	-84.177396	848.86	15.00	863.86
13	40.678682	-84.178644	848.84	15.00	863.84
14	40.677833	-84.179920	849.08	15.00	864.08
15	40.677419	-84.180544	849.15	15.00	864.15
16	40.676989	-84.181192	848.83	15.00	863.83
17	40.676363	-84.182119	850.28	15.00	865.28
18	40.675740	-84.183055	851.81	15.00	866.81
19	40.675146	-84.183948	851.35	15.00	866.35
20	40.674668	-84.184665	850.61	15.00	865.61
21	40.674186	-84.185380	849.30	15.00	864.30
22	40.673435	-84.186519	847.58	15.00	862.58
23	40.672786	-84.187487	846.51	15.00	861.51
24	40.672157	-84.188432	847.56	15.00	862.56
25	40.671637	-84.189211	847.83	15.00	862.84
26	40.671140	-84.189961	847.38	15.00	862.38
27	40.670444	-84.191007	845.82	15.00	860.82
28	40.669498	-84.192429	845.14	15.00	860.14
29	40.668756	-84.193538	844.60	15.00	859.60
30	40.667986	-84.194687	844.77	15.00	859.77
31	40.667570	-84.195314	844.86	15.00	859.86
32	40.666011	-84.197690	847.59	15.00	862.59
33	40.664327	-84.200195	848.03	15.00	863.03

Name: South Sellers Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671610	-84.184505	843.76	9.00	852.76
2	40.670914	-84.184494	845.53	9.00	854.54
3	40.670226	-84.184486	845.88	9.00	854.88
4	40.669478	-84.184480	847.07	9.00	856.07
5	40.668845	-84.184480	848.20	9.00	857.20
6	40.668194	-84.184464	848.15	9.00	857.15
7	40.667508	-84.184459	848.28	9.00	857.28
8	40.666603	-84.184435	850.13	9.00	859.13
9	40.665537	-84.184427	850.35	9.00	859.35
10	40.664593	-84.184413	850.49	9.00	859.50
11	40.664056	-84.184411	848.30	9.00	857.30
12	40.661893	-84.184368	851.33	9.00	860.33
13	40.661071	-84.184362	852.51	9.00	861.51
14	40.660395	-84.184362	851.95	9.00	860.96
15	40.659435	-84.184341	854.50	9.00	863.50
16	40.658654	-84.184322	855.95	9.00	864.95
17	40.657897	-84.184322	854.59	9.00	863.59
18	40.657164	-84.184336	852.62	9.00	861.62
19	40.656385	-84.184338	852.34	9.00	861.34
20	40.655685	-84.184325	855.81	9.00	864.81
21	40.654529	-84.184325	857.42	9.00	866.42
22	40.653392	-84.184315	855.73	9.00	864.73

Name: S Wapakoneta Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686108	-84.203756	863.93	9.00	872.93
2	40.685427	-84.203755	859.88	9.00	868.88
3	40.684717	-84.203744	857.16	9.00	866.16
4	40.683843	-84.203739	852.37	9.00	861.37
5	40.682971	-84.203725	850.06	9.00	859.06
6	40.681809	-84.203720	848.70	9.00	857.70
7	40.681074	-84.203704	846.77	9.00	855.78
8	40.680339	-84.203700	846.99	9.00	855.99
9	40.679512	-84.203696	844.10	9.00	853.10
10	40.678660	-84.203680	840.91	9.00	849.91
11	40.677829	-84.203666	839.72	9.00	848.72
12	40.676972	-84.203661	841.45	9.00	850.45
13	40.675934	-84.203639	841.01	9.00	850.01
14	40.674681	-84.203627	840.14	9.00	849.14
15	40.674321	-84.203630	839.44	9.00	848.44
16	40.673687	-84.203615	838.85	9.00	847.85
17	40.673213	-84.203610	839.19	9.00	848.19
18	40.672454	-84.203607	839.24	9.00	848.24
19	40.671691	-84.203606	841.32	9.00	850.32
20	40.671060	-84.203591	840.96	9.00	849.96
21	40.670509	-84.203595	839.16	9.00	848.16
22	40.669557	-84.203588	840.63	9.00	849.63
23	40.667999	-84.203574	839.85	9.00	848.85
24	40.666580	-84.203560	841.80	9.00	850.80
25	40.665394	-84.203548	844.11	9.00	853.11
26	40.664283	-84.203556	842.37	9.00	851.37

Name: West Hume Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664270	-84.203544	842.49	9.00	851.49
2	40.664274	-84.202530	843.03	9.00	852.03
3	40.664290	-84.201178	841.89	9.00	850.90
4	40.664282	-84.199842	847.62	9.00	856.62
5	40.664294	-84.198539	850.59	9.00	859.59
6	40.664298	-84.196956	847.05	9.00	856.05
7	40.664306	-84.195374	846.70	9.00	855.70
8	40.664311	-84.193201	846.67	9.00	855.67
9	40.664315	-84.191801	845.03	9.00	854.04
10	40.664331	-84.191082	848.53	9.00	857.53
11	40.664323	-84.187713	849.47	9.00	858.47
12	40.664335	-84.186796	848.64	9.00	857.64
13	40.664335	-84.185782	847.97	9.00	856.97
14	40.664343	-84.184173	848.69	9.00	857.69
15	40.664343	-84.183014	848.47	9.00	857.47
16	40.664343	-84.181888	848.56	9.00	857.56
17	40.664355	-84.180734	849.67	9.00	858.67
18	40.664372	-84.178696	854.78	9.00	863.78
19	40.664376	-84.177360	855.96	9.00	864.96
20	40.664384	-84.176346	855.26	9.00	864.26
21	40.664396	-84.174737	854.49	9.00	863.49
22	40.664429	-84.171813	860.64	9.00	869.64
23	40.664433	-84.170043	862.63	9.00	871.63
24	40.664453	-84.167967	861.30	9.00	870.30
25	40.664469	-84.165741	863.72	9.00	872.72
26	40.664477	-84.164839	865.30	9.00	874.30
27	40.664481	-84.163450	866.23	9.00	875.23
28	40.664502	-84.161959	867.22	9.00	876.22
29	40.664514	-84.160376	867.39	9.00	876.39
30	40.664534	-84.158563	864.55	9.00	873.55
31	40.664538	-84.157705	862.94	9.00	871.94

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	ft	ft	ft
OP 1	40.740549	-84.118333	868.53	500.02	1368.56
OP 2	40.735693	-84.086896	885.19	500.02	1385.21
OP 3	40.676707	-84.203284	841.17	25.00	866.18
OP 4	40.675336	-84.203992	839.53	25.00	864.53
OP 5	40.669414	-84.203064	842.79	25.00	867.79
OP 6	40.669097	-84.203976	845.94	25.00	870.94
OP 7	40.672336	-84.196844	839.88	25.00	864.88
OP 8	40.671874	-84.190764	850.47	25.00	875.47
OP 9	40.671919	-84.189838	847.65	25.00	872.65
OP 10	40.673235	-84.183948	844.64	25.00	869.64
OP 11	40.672029	-84.184039	848.18	25.00	873.18
OP 12	40.671876	-84.181931	851.27	25.00	876.28
OP 13	40.673666	-84.177339	860.26	25.00	885.26
OP 14	40.674675	-84.174590	862.24	25.00	887.24
OP 15	40.671984	-84.171377	860.22	25.00	885.22
OP 16	40.670771	-84.166916	856.00	25.00	881.00
OP 17	40.669533	-84.165634	867.31	25.00	892.32
OP 18	40.666064	-84.165001	868.30	25.00	893.30
OP 19	40.663861	-84.165881	869.90	25.00	894.90
OP 20	40.663222	-84.165645	869.32	25.00	894.32
OP 21	40.662722	-84.165509	869.35	25.00	894.35
OP 22	40.664681	-84.172863	856.81	25.00	881.81
OP 23	40.664095	-84.176801	855.34	25.00	880.34
OP 24	40.664008	-84.177627	854.88	25.00	879.88
OP 25	40.664634	-84.178300	854.06	25.00	879.06
OP 26	40.664547	-84.179070	855.01	25.00	880.01
OP 27	40.664115	-84.179405	854.42	25.00	879.42
OP 28	40.663068	-84.185990	856.20	25.00	881.20
OP 29	40.664119	-84.189876	856.94	25.00	881.94
OP 30	40.664569	-84.198387	849.03	25.00	874.03
OP 31	40.664494	-84.198905	851.90	25.00	876.90
OP 32	40.664160	-84.199465	848.28	25.00	873.28
OP 33	40.664058	-84.201834	840.08	25.00	865.08
OP 34	40.664557	-84.203094	844.89	25.00	869.89
OP 35	40.664675	-84.209668	842.57	25.00	867.57
OP 36	40.654127	-84.186953	853.68	25.00	878.68
OP 37	40.653850	-84.185242	858.84	25.00	883.84
OP 38	40.656755	-84.186079	854.46	25.00	879.46
OP 39	40.669007	-84.182651	852.77	25.00	877.78

PV Array Results

Summary of PV Glare Analysis PV configuration and predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
201	SA tracking	SA tracking	0	0	-	-
202	SA tracking	SA tracking	0	0	-	-
203	SA tracking	SA tracking	0	0	-	-
204	SA tracking	SA tracking	0	0	-	-
205	SA tracking	SA tracking	0	0	-	-
206	SA tracking	SA tracking	0	0	-	-
207	SA tracking	SA tracking	0	0	-	-
208	SA tracking	SA tracking	0	0	-	-
209	SA tracking	SA tracking	0	0	-	-
210	SA tracking	SA tracking	0	0	-	-
211	SA tracking	SA tracking	0	0	-	-
212	SA tracking	SA tracking	0	0	-	-
213	SA tracking	SA tracking	0	0	-	-
214	SA tracking	SA tracking	0	0	-	-
215	SA tracking	SA tracking	0	0	-	-
216	SA tracking	SA tracking	0	0	-	-
217	SA tracking	SA tracking	0	0	-	-

Click the name of the PV array to scroll to its results

PV & Receptor Analysis Results detailed results for each PV array and receptor

201 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

202 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

203 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

204 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

205 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

206 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

207 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

208 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

209 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

210 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

211 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

212 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

213 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

214 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

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215 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

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216 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

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217 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results for large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Glare vector plots are simplified representations of analysis data. Actual glare emanations and results may differ.
- Glare analysis methods used: OP V1, FP V1, Route V1
- Refer to the **Help page** for assumptions and limitations not listed here.

Site Configuration: Block 2 9 ft veh 10 ft pan

Project site configuration details and results.

Created **Jan. 14, 2021 11:18 a.m.**
Updated **Jan. 14, 2021 7:53 p.m.**
DNI **varies** and peaks at **1,000.0 W/m^2**
Analyze every **1** minute(s)
0.5 ocular transmission coefficient
0.002 m pupil diameter
0.017 m eye focal length
9.3 mrad sun subtended angle
Timezone **UTC-5**
Site Configuration ID: 48051.8653

Summary of Results No glare predicted!

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
201	SA tracking	SA tracking	0	0	-
202	SA tracking	SA tracking	0	0	-
203	SA tracking	SA tracking	0	0	-
204	SA tracking	SA tracking	0	0	-
205	SA tracking	SA tracking	0	0	-
206	SA tracking	SA tracking	0	0	-
207	SA tracking	SA tracking	0	0	-
208	SA tracking	SA tracking	0	0	-
209	SA tracking	SA tracking	0	0	-
210	SA tracking	SA tracking	0	0	-
211	SA tracking	SA tracking	0	0	-
212	SA tracking	SA tracking	0	0	-
213	SA tracking	SA tracking	0	0	-
214	SA tracking	SA tracking	0	0	-
215	SA tracking	SA tracking	0	0	-
216	SA tracking	SA tracking	0	0	-
217	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Name: 201
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 865,233 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664119	-84.189100	852.53	10.00	862.53
2	40.664136	-84.187737	849.23	10.00	859.23
3	40.664152	-84.186396	848.41	10.00	858.41
4	40.663515	-84.186385	852.02	10.00	862.02
5	40.662821	-84.186372	853.81	10.00	863.81
6	40.662825	-84.186251	853.98	10.00	863.98
7	40.662328	-84.186261	852.48	10.00	862.48
8	40.661865	-84.186281	852.23	10.00	862.23
9	40.661004	-84.186310	853.87	10.00	863.87
10	40.660992	-84.187265	855.27	10.00	865.27
11	40.660994	-84.189121	852.19	10.00	862.19
12	40.661751	-84.189105	850.49	10.00	860.49
13	40.662532	-84.189100	851.73	10.00	861.73
14	40.663338	-84.189100	851.32	10.00	861.32

Name: 202
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,030,430 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.663273	-84.185033	849.32	10.00	859.32
2	40.663273	-84.184560	848.87	10.00	858.87
3	40.662117	-84.184544	849.90	10.00	859.90
4	40.660913	-84.184560	850.40	10.00	860.40
5	40.659016	-84.184571	854.62	10.00	864.62
6	40.659016	-84.186438	852.67	10.00	862.67
7	40.659016	-84.188198	853.20	10.00	863.20
8	40.659765	-84.188198	855.57	10.00	865.57
9	40.659757	-84.189099	853.32	10.00	863.32
10	40.660998	-84.189126	852.41	10.00	862.41
11	40.660998	-84.187318	855.51	10.00	865.51
12	40.661004	-84.186390	853.99	10.00	863.99
13	40.661007	-84.185953	852.21	10.00	862.21
14	40.661010	-84.185515	850.95	10.00	860.95
15	40.662882	-84.185462	852.46	10.00	862.46
16	40.662906	-84.185022	850.51	10.00	860.51

Name: 203
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 346,802 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.659024	-84.186932	852.49	10.00	862.49
2	40.658337	-84.186932	852.56	10.00	862.56
3	40.657738	-84.186942	852.73	10.00	862.73
4	40.657722	-84.185537	850.41	10.00	860.41
5	40.657226	-84.185086	850.51	10.00	860.51
6	40.657234	-84.184528	851.08	10.00	861.08
7	40.658166	-84.184550	854.72	10.00	864.72
8	40.659016	-84.184560	854.58	10.00	864.59
9	40.659020	-84.185714	853.13	10.00	863.13

Name: 204
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 908,993 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.666276	-84.203208	842.40	10.00	852.40
2	40.666317	-84.198294	846.57	10.00	856.57
3	40.666683	-84.197661	845.51	10.00	855.51
4	40.667643	-84.197672	840.16	10.00	850.16
5	40.668050	-84.197661	839.25	10.00	849.25
6	40.668034	-84.198563	843.74	10.00	853.74
7	40.668050	-84.199110	847.08	10.00	857.09
8	40.668050	-84.199807	846.38	10.00	856.38
9	40.668058	-84.200730	843.80	10.00	853.80
10	40.668066	-84.202049	842.13	10.00	852.13
11	40.668050	-84.203155	839.60	10.00	849.60
12	40.667196	-84.203187	839.81	10.00	849.82

Name: 205
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 751,057 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.668066	-84.203143	839.58	10.00	849.58
2	40.668880	-84.203143	839.57	10.00	849.57
3	40.668872	-84.202199	838.23	10.00	848.23
4	40.669694	-84.202209	837.01	10.00	847.01
5	40.669694	-84.199023	837.17	10.00	847.17
6	40.669116	-84.199023	838.96	10.00	848.96
7	40.669091	-84.197575	837.72	10.00	847.72
8	40.668058	-84.197639	839.20	10.00	849.20



Name: 206
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 541,923 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.674471	-84.172009	854.74	10.00	864.74
2	40.673649	-84.172019	856.92	10.00	866.92
3	40.673673	-84.170539	856.02	10.00	866.02
4	40.673067	-84.170560	857.97	10.00	867.97
5	40.672509	-84.170582	858.45	10.00	868.45
6	40.672509	-84.170056	856.80	10.00	866.80
7	40.671932	-84.170110	857.92	10.00	867.92
8	40.671944	-84.168972	853.25	10.00	863.25
9	40.671940	-84.168093	850.95	10.00	860.95
10	40.672542	-84.168071	846.32	10.00	856.32
11	40.673063	-84.168667	848.20	10.00	858.20
12	40.673730	-84.169434	847.89	10.00	857.89
13	40.674487	-84.169402	844.98	10.00	854.98
14	40.674479	-84.170673	848.57	10.00	858.57



Name: 207
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 764,926 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.667928	-84.189132	845.41	10.00	855.41
2	40.667916	-84.188140	845.01	10.00	855.01
3	40.667920	-84.187276	843.84	10.00	853.84
4	40.667289	-84.187222	845.65	10.00	855.65
5	40.666659	-84.187169	845.30	10.00	855.30
6	40.666207	-84.186804	844.25	10.00	854.25
7	40.665796	-84.186471	844.45	10.00	854.45
8	40.665055	-84.185945	845.18	10.00	855.18
9	40.664868	-84.185667	845.36	10.00	855.36
10	40.664461	-84.185656	845.83	10.00	855.83
11	40.664449	-84.186761	846.22	10.00	856.23
12	40.664453	-84.187909	846.87	10.00	856.87
13	40.664825	-84.187920	846.22	10.00	856.22
14	40.665275	-84.187930	846.28	10.00	856.28
15	40.665275	-84.188523	845.93	10.00	855.93
16	40.665275	-84.189143	845.70	10.00	855.70
17	40.665871	-84.189135	846.35	10.00	856.35
18	40.666561	-84.189137	849.12	10.00	859.12
19	40.667259	-84.189132	850.56	10.00	860.56

Name: 208
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 710,893 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670654	-84.184669	844.01	10.00	854.01
2	40.670654	-84.185924	843.95	10.00	853.95
3	40.670654	-84.187351	842.74	10.00	852.74
4	40.669983	-84.187329	843.36	10.00	853.36
5	40.669393	-84.187351	843.83	10.00	853.83
6	40.668510	-84.186975	843.81	10.00	853.82
7	40.667725	-84.186729	843.66	10.00	853.66
8	40.667741	-84.185656	847.95	10.00	857.95
9	40.667737	-84.184626	847.43	10.00	857.43
10	40.668481	-84.184637	847.46	10.00	857.46
11	40.669165	-84.184647	845.70	10.00	855.70
12	40.669899	-84.184658	846.22	10.00	856.22

Name: 209
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,045,635 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.667326	-84.183274	845.12	10.00	855.12
2	40.667334	-84.181675	855.43	10.00	865.43
3	40.667326	-84.179750	854.76	10.00	864.76
4	40.666272	-84.179750	852.89	10.00	862.89
5	40.665267	-84.179766	850.21	10.00	860.21
6	40.665267	-84.180195	850.11	10.00	860.11
7	40.664730	-84.180195	849.70	10.00	859.70
8	40.664712	-84.181166	848.04	10.00	858.04
9	40.664693	-84.182158	847.52	10.00	857.52
10	40.664691	-84.183247	847.59	10.00	857.59
11	40.664673	-84.184229	851.13	10.00	861.13
12	40.665828	-84.184175	848.15	10.00	858.15
13	40.666060	-84.183698	847.23	10.00	857.23
14	40.666593	-84.183682	847.67	10.00	857.67
15	40.666593	-84.183312	847.82	10.00	857.82

Name: 210
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 980,002 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.667940	-84.183284	846.55	10.00	856.55
2	40.667325	-84.183273	845.12	10.00	855.12
3	40.667334	-84.180886	854.38	10.00	864.38
4	40.667342	-84.178526	856.63	10.00	866.63
5	40.667903	-84.178547	857.68	10.00	867.68
6	40.668554	-84.178531	856.29	10.00	866.29
7	40.668554	-84.177490	856.24	10.00	866.24
8	40.669881	-84.177485	857.47	10.00	867.47
9	40.669885	-84.178314	852.75	10.00	862.75
10	40.669887	-84.178534	851.94	10.00	861.94
11	40.669890	-84.178749	851.85	10.00	861.85
12	40.669889	-84.179191	851.05	10.00	861.05
13	40.669887	-84.179699	850.44	10.00	860.44
14	40.669893	-84.180229	850.11	10.00	860.11
15	40.669900	-84.180870	849.56	10.00	859.56
16	40.669893	-84.181476	850.47	10.00	860.47
17	40.669263	-84.181465	853.89	10.00	863.89
18	40.668589	-84.181454	854.71	10.00	864.71
19	40.667956	-84.181454	854.01	10.00	864.02

Name: 211
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 638,835 sq-ft



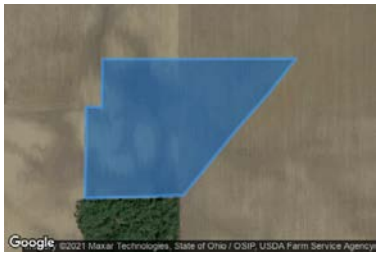
Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670276	-84.184229	844.01	10.00	854.01
2	40.670723	-84.184229	843.72	10.00	853.72
3	40.670721	-84.183918	844.94	10.00	854.94
4	40.671130	-84.183918	843.86	10.00	853.86
5	40.671138	-84.182684	847.88	10.00	857.88
6	40.670898	-84.182684	848.73	10.00	858.73
7	40.670915	-84.181305	849.39	10.00	859.39
8	40.671285	-84.181300	848.53	10.00	858.53
9	40.671273	-84.180270	850.71	10.00	860.71
10	40.671260	-84.179267	851.83	10.00	861.83
11	40.670823	-84.178355	854.75	10.00	864.75
12	40.670342	-84.177907	856.54	10.00	866.54
13	40.669881	-84.177486	857.39	10.00	867.39
14	40.669885	-84.179489	850.57	10.00	860.57
15	40.669897	-84.181482	850.50	10.00	860.50
16	40.670308	-84.181482	851.01	10.00	861.01
17	40.670284	-84.182826	850.47	10.00	860.47

Name: 212
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 969,490 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671533	-84.178543	853.34	10.00	863.34
2	40.671285	-84.178575	854.38	10.00	864.39
3	40.670546	-84.177902	857.33	10.00	867.33
4	40.669828	-84.177239	859.03	10.00	869.03
5	40.669167	-84.176906	856.51	10.00	866.51
6	40.668514	-84.176595	857.87	10.00	867.87
7	40.668140	-84.176595	856.13	10.00	866.13
8	40.668148	-84.175447	853.48	10.00	863.48
9	40.668148	-84.174337	855.22	10.00	865.22
10	40.669543	-84.174294	852.18	10.00	862.18
11	40.670955	-84.174251	853.03	10.00	863.03
12	40.670947	-84.175029	851.98	10.00	861.98
13	40.670963	-84.175860	853.26	10.00	863.26
14	40.671541	-84.175957	851.99	10.00	861.99
15	40.671537	-84.177236	851.06	10.00	861.06

Name: 213
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,037,811 sq-ft



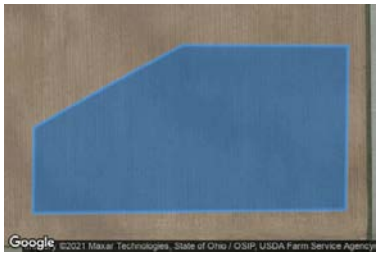
Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.668150	-84.174739	854.44	10.00	864.44
2	40.667194	-84.174744	854.23	10.00	864.23
3	40.666351	-84.174771	855.80	10.00	865.80
4	40.666380	-84.173419	853.95	10.00	863.95
5	40.666408	-84.172218	853.43	10.00	863.43
6	40.667055	-84.171523	855.05	10.00	865.05
7	40.667686	-84.170850	855.78	10.00	865.78
8	40.668390	-84.170026	861.99	10.00	871.99
9	40.669098	-84.169291	861.51	10.00	871.51
10	40.669094	-84.170480	855.45	10.00	865.45
11	40.669090	-84.171697	855.04	10.00	865.04
12	40.669084	-84.173001	853.26	10.00	863.26
13	40.669088	-84.174310	852.52	10.00	862.52
14	40.668823	-84.174314	852.20	10.00	862.20
15	40.668598	-84.174318	853.59	10.00	863.59
16	40.668142	-84.174331	855.17	10.00	865.17

Name: 214
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,054,359 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670745	-84.174255	851.83	10.00	861.83
2	40.670741	-84.173797	852.23	10.00	862.23
3	40.670737	-84.173354	852.88	10.00	862.88
4	40.671128	-84.173335	852.71	10.00	862.71
5	40.671535	-84.173300	853.48	10.00	863.48
6	40.671543	-84.172614	853.86	10.00	863.86
7	40.670965	-84.172614	853.26	10.00	863.26
8	40.670962	-84.171527	854.18	10.00	864.18
9	40.670959	-84.170473	853.66	10.00	863.66
10	40.670958	-84.169408	854.52	10.00	864.52
11	40.670957	-84.168354	856.73	10.00	866.73
12	40.670428	-84.168344	861.72	10.00	871.72
13	40.670403	-84.168580	859.33	10.00	869.34
14	40.670090	-84.168569	862.51	10.00	872.51
15	40.670088	-84.168907	860.99	10.00	870.99
16	40.669574	-84.168958	864.65	10.00	874.65
17	40.669093	-84.169288	861.51	10.00	871.51
18	40.669097	-84.170570	855.03	10.00	865.03
19	40.669093	-84.171820	855.12	10.00	865.12
20	40.669087	-84.173083	852.86	10.00	862.86
21	40.669093	-84.174306	852.52	10.00	862.52
22	40.669921	-84.174281	851.96	10.00	861.96

Name: 215
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 580,763 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664805	-84.169717	858.45	10.00	868.45
2	40.665643	-84.169706	858.08	10.00	868.09
3	40.666090	-84.168665	859.02	10.00	869.02
4	40.666457	-84.167775	858.47	10.00	868.47
5	40.666453	-84.166681	861.13	10.00	871.13
6	40.666449	-84.165629	863.27	10.00	873.27
7	40.665618	-84.165645	865.08	10.00	875.08
8	40.664837	-84.165661	863.18	10.00	873.18
9	40.664821	-84.167657	862.96	10.00	872.96

Name: 216
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 849,435 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.665887	-84.172024	854.07	10.00	864.07
2	40.665891	-84.171020	855.92	10.00	865.92
3	40.665895	-84.170146	857.74	10.00	867.74
4	40.666446	-84.169052	858.20	10.00	868.20
5	40.667014	-84.167872	857.91	10.00	867.92
6	40.667549	-84.166734	859.87	10.00	869.87
7	40.668052	-84.165661	864.35	10.00	874.35
8	40.668589	-84.165640	866.55	10.00	876.55
9	40.668581	-84.166648	861.94	10.00	871.95
10	40.669215	-84.166638	866.80	10.00	876.80
11	40.669224	-84.167775	861.35	10.00	871.35
12	40.668381	-84.168821	860.41	10.00	870.41
13	40.667490	-84.169974	856.80	10.00	866.80
14	40.666623	-84.171031	856.23	10.00	866.23

Name: 217
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 60.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 138,339 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.662881	-84.185810	854.17	10.00	864.17
2	40.662883	-84.185461	852.46	10.00	862.46
3	40.661010	-84.185515	850.95	10.00	860.95
4	40.661006	-84.185911	851.98	10.00	861.98
5	40.661003	-84.186312	853.87	10.00	863.87
6	40.661900	-84.186286	852.27	10.00	862.27
7	40.662820	-84.186250	853.92	10.00	863.92
8	40.662704	-84.186250	853.22	10.00	863.22
9	40.662700	-84.185821	852.51	10.00	862.51

2-Mile Flight Path Receptor(s)

Name: Allen County Airport Runway 10
Description:
Threshold height : 50 ft
Direction: 90.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg



Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706950	-84.038757	946.44	50.00	996.44
2-mile point	40.706950	-84.076942	904.00	645.90	1549.90

Name: Allen County Airport Runway 28
Description:
Threshold height : 50 ft
Direction: 270.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg



Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706946	-84.017749	975.51	50.00	1025.51
2-mile point	40.706946	-83.979564	980.77	598.20	1578.97

Name: Youngpeter Airport North Approach
Description:
Threshold height : 50 ft
Direction: 0.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.780297	-84.368399	803.72	50.00	853.72
2-mile point	40.751384	-84.368399	808.77	598.41	1407.18



Name: Youngpeter Airport South Approach
Description:
Threshold height : 50 ft
Direction: 180.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.786471	-84.368410	791.74	50.00	841.74
2-mile point	40.815384	-84.368410	782.35	612.85	1395.20



Route Receptor(s)

Name: Beeler Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671918	-84.165355	855.00	9.00	864.00
2	40.671368	-84.165350	850.45	9.00	859.45
3	40.670628	-84.165338	853.57	9.00	862.57
4	40.669930	-84.165330	860.47	9.00	869.47
5	40.668910	-84.165319	866.18	9.00	875.18
6	40.668020	-84.165307	863.83	9.00	872.83
7	40.667279	-84.165306	861.62	9.00	870.62
8	40.666727	-84.165289	863.33	9.00	872.33
9	40.665944	-84.165289	867.35	9.00	876.35
10	40.665177	-84.165279	865.23	9.00	874.23
11	40.664827	-84.165270	865.05	9.00	874.05
12	40.664470	-84.165273	864.96	9.00	873.96

Name: Bowsher Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671579	-84.203605	841.68	9.00	850.68
2	40.671581	-84.202486	837.50	9.00	846.50
3	40.671578	-84.201372	837.11	9.00	846.11
4	40.671583	-84.199939	838.05	9.00	847.05
5	40.671584	-84.198687	838.51	9.00	847.51
6	40.671585	-84.197453	838.10	9.00	847.10
7	40.671585	-84.195645	840.22	9.00	849.22
8	40.671587	-84.194385	843.68	9.00	852.68
9	40.671597	-84.192718	848.82	9.00	857.82
10	40.671599	-84.191451	850.06	9.00	859.07
11	40.671592	-84.190208	849.52	9.00	858.52
12	40.671582	-84.189233	848.74	9.00	857.74
13	40.671587	-84.188258	846.98	9.00	855.98
14	40.671597	-84.186311	843.56	9.00	852.56
15	40.671610	-84.184490	843.75	9.00	852.75
16	40.671627	-84.182128	849.93	9.00	858.93
17	40.671647	-84.179779	849.28	9.00	858.28
18	40.671666	-84.177713	854.27	9.00	863.27
19	40.671682	-84.176418	853.44	9.00	862.44
20	40.671691	-84.175132	855.37	9.00	864.38
21	40.671700	-84.173304	855.94	9.00	864.94
22	40.671712	-84.171810	855.21	9.00	864.21
23	40.671722	-84.170578	857.21	9.00	866.21
24	40.671725	-84.167992	851.79	9.00	860.79
25	40.671745	-84.165374	852.68	9.00	861.68

Name: North Sellers Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686198	-84.184633	844.07	9.00	853.07
2	40.685303	-84.184617	842.44	9.00	851.44
3	40.684522	-84.184601	842.29	9.00	851.29
4	40.683468	-84.184574	842.32	9.00	851.32
5	40.682281	-84.184564	842.83	9.00	851.83
6	40.681406	-84.184550	842.74	9.00	851.74
7	40.680377	-84.184531	842.81	9.00	851.81
8	40.678815	-84.184531	842.04	9.00	851.04
9	40.678056	-84.184521	842.19	9.00	851.19
10	40.677189	-84.184513	842.87	9.00	851.87
11	40.676715	-84.184513	844.45	9.00	853.45
12	40.675778	-84.184511	849.84	9.00	858.84
13	40.674975	-84.184497	849.23	9.00	858.23
14	40.674189	-84.184484	850.70	9.00	859.70
15	40.673427	-84.184486	844.06	9.00	853.06
16	40.672530	-84.184489	842.75	9.00	851.75
17	40.671613	-84.184491	843.75	9.00	852.75

Name: Railroad
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686866	-84.165890	843.38	15.00	858.38
2	40.685945	-84.167443	841.84	15.00	856.84
3	40.685417	-84.168316	842.24	15.00	857.24
4	40.684918	-84.169162	842.47	15.00	857.47
5	40.684148	-84.170426	844.05	15.00	859.05
6	40.683333	-84.171666	845.98	15.00	860.98
7	40.682526	-84.172885	847.67	15.00	862.67
8	40.681784	-84.173991	848.14	15.00	863.14
9	40.681037	-84.175121	847.88	15.00	862.88
10	40.680668	-84.175664	848.51	15.00	863.51
11	40.680290	-84.176235	848.42	15.00	863.42
12	40.679515	-84.177396	848.86	15.00	863.86
13	40.678682	-84.178644	848.84	15.00	863.84
14	40.677833	-84.179920	849.08	15.00	864.08
15	40.677419	-84.180544	849.15	15.00	864.15
16	40.676989	-84.181192	848.83	15.00	863.83
17	40.676363	-84.182119	850.28	15.00	865.28
18	40.675740	-84.183055	851.81	15.00	866.81
19	40.675146	-84.183948	851.35	15.00	866.35
20	40.674668	-84.184665	850.61	15.00	865.61
21	40.674186	-84.185380	849.30	15.00	864.30
22	40.673435	-84.186519	847.58	15.00	862.58
23	40.672786	-84.187487	846.51	15.00	861.51
24	40.672157	-84.188432	847.56	15.00	862.56
25	40.671637	-84.189211	847.83	15.00	862.84
26	40.671140	-84.189961	847.38	15.00	862.38
27	40.670444	-84.191007	845.82	15.00	860.82
28	40.669498	-84.192429	845.14	15.00	860.14
29	40.668756	-84.193538	844.60	15.00	859.60
30	40.667986	-84.194687	844.77	15.00	859.77
31	40.667570	-84.195314	844.86	15.00	859.86
32	40.666011	-84.197690	847.59	15.00	862.59
33	40.664327	-84.200195	848.03	15.00	863.03

Name: South Sellers Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671610	-84.184505	843.76	9.00	852.76
2	40.670914	-84.184494	845.53	9.00	854.54
3	40.670226	-84.184486	845.88	9.00	854.88
4	40.669478	-84.184480	847.07	9.00	856.07
5	40.668845	-84.184480	848.20	9.00	857.20
6	40.668194	-84.184464	848.15	9.00	857.15
7	40.667508	-84.184459	848.28	9.00	857.28
8	40.666603	-84.184435	850.13	9.00	859.13
9	40.665537	-84.184427	850.35	9.00	859.35
10	40.664593	-84.184413	850.49	9.00	859.50
11	40.664056	-84.184411	848.30	9.00	857.30
12	40.661893	-84.184368	851.33	9.00	860.33
13	40.661071	-84.184362	852.51	9.00	861.51
14	40.660395	-84.184362	851.95	9.00	860.96
15	40.659435	-84.184341	854.50	9.00	863.50
16	40.658654	-84.184322	855.95	9.00	864.95
17	40.657897	-84.184322	854.59	9.00	863.59
18	40.657164	-84.184336	852.62	9.00	861.62
19	40.656385	-84.184338	852.34	9.00	861.34
20	40.655685	-84.184325	855.81	9.00	864.81
21	40.654529	-84.184325	857.42	9.00	866.42
22	40.653392	-84.184315	855.73	9.00	864.73

Name: S Wapakoneta Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686108	-84.203756	863.93	9.00	872.93
2	40.685427	-84.203755	859.88	9.00	868.88
3	40.684717	-84.203744	857.16	9.00	866.16
4	40.683843	-84.203739	852.37	9.00	861.37
5	40.682971	-84.203725	850.06	9.00	859.06
6	40.681809	-84.203720	848.70	9.00	857.70
7	40.681074	-84.203704	846.77	9.00	855.78
8	40.680339	-84.203700	846.99	9.00	855.99
9	40.679512	-84.203696	844.10	9.00	853.10
10	40.678660	-84.203680	840.91	9.00	849.91
11	40.677829	-84.203666	839.72	9.00	848.72
12	40.676972	-84.203661	841.45	9.00	850.45
13	40.675934	-84.203639	841.01	9.00	850.01
14	40.674681	-84.203627	840.14	9.00	849.14
15	40.674321	-84.203630	839.44	9.00	848.44
16	40.673687	-84.203615	838.85	9.00	847.85
17	40.673213	-84.203610	839.19	9.00	848.19
18	40.672454	-84.203607	839.24	9.00	848.24
19	40.671691	-84.203606	841.32	9.00	850.32
20	40.671060	-84.203591	840.96	9.00	849.96
21	40.670509	-84.203595	839.16	9.00	848.16
22	40.669557	-84.203588	840.63	9.00	849.63
23	40.667999	-84.203574	839.85	9.00	848.85
24	40.666580	-84.203560	841.80	9.00	850.80
25	40.665394	-84.203548	844.11	9.00	853.11
26	40.664283	-84.203556	842.37	9.00	851.37

Name: West Hume Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664270	-84.203544	842.49	9.00	851.49
2	40.664274	-84.202530	843.03	9.00	852.03
3	40.664290	-84.201178	841.89	9.00	850.90
4	40.664282	-84.199842	847.62	9.00	856.62
5	40.664294	-84.198539	850.59	9.00	859.59
6	40.664298	-84.196956	847.05	9.00	856.05
7	40.664306	-84.195374	846.70	9.00	855.70
8	40.664311	-84.193201	846.67	9.00	855.67
9	40.664315	-84.191801	845.03	9.00	854.04
10	40.664331	-84.191082	848.53	9.00	857.53
11	40.664323	-84.187713	849.47	9.00	858.47
12	40.664335	-84.186796	848.64	9.00	857.64
13	40.664335	-84.185782	847.97	9.00	856.97
14	40.664343	-84.184173	848.69	9.00	857.69
15	40.664343	-84.183014	848.47	9.00	857.47
16	40.664343	-84.181888	848.56	9.00	857.56
17	40.664355	-84.180734	849.67	9.00	858.67
18	40.664372	-84.178696	854.78	9.00	863.78
19	40.664376	-84.177360	855.96	9.00	864.96
20	40.664384	-84.176346	855.26	9.00	864.26
21	40.664396	-84.174737	854.49	9.00	863.49
22	40.664429	-84.171813	860.64	9.00	869.64
23	40.664433	-84.170043	862.63	9.00	871.63
24	40.664453	-84.167967	861.30	9.00	870.30
25	40.664469	-84.165741	863.72	9.00	872.72
26	40.664477	-84.164839	865.30	9.00	874.30
27	40.664481	-84.163450	866.23	9.00	875.23
28	40.664502	-84.161959	867.22	9.00	876.22
29	40.664514	-84.160376	867.39	9.00	876.39
30	40.664534	-84.158563	864.55	9.00	873.55
31	40.664538	-84.157705	862.94	9.00	871.94

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	ft	ft	ft
OP 1	40.740549	-84.118333	868.53	500.02	1368.56
OP 2	40.735693	-84.086896	885.19	500.02	1385.21
OP 3	40.676707	-84.203284	841.17	25.00	866.18
OP 4	40.675336	-84.203992	839.53	25.00	864.53
OP 5	40.669414	-84.203064	842.79	25.00	867.79
OP 6	40.669097	-84.203976	845.94	25.00	870.94
OP 7	40.672336	-84.196844	839.88	25.00	864.88
OP 8	40.671874	-84.190764	850.47	25.00	875.47
OP 9	40.671919	-84.189838	847.65	25.00	872.65
OP 10	40.673235	-84.183948	844.64	25.00	869.64
OP 11	40.672029	-84.184039	848.18	25.00	873.18
OP 12	40.671876	-84.181931	851.27	25.00	876.28
OP 13	40.673666	-84.177339	860.26	25.00	885.26
OP 14	40.674675	-84.174590	862.24	25.00	887.24
OP 15	40.671984	-84.171377	860.22	25.00	885.22
OP 16	40.670771	-84.166916	856.00	25.00	881.00
OP 17	40.669533	-84.165634	867.31	25.00	892.32
OP 18	40.666064	-84.165001	868.30	25.00	893.30
OP 19	40.663861	-84.165881	869.90	25.00	894.90
OP 20	40.663222	-84.165645	869.32	25.00	894.32
OP 21	40.662722	-84.165509	869.35	25.00	894.35
OP 22	40.664681	-84.172863	856.81	25.00	881.81
OP 23	40.664095	-84.176801	855.34	25.00	880.34
OP 24	40.664008	-84.177627	854.88	25.00	879.88
OP 25	40.664634	-84.178300	854.06	25.00	879.06
OP 26	40.664547	-84.179070	855.01	25.00	880.01
OP 27	40.664115	-84.179405	854.42	25.00	879.42
OP 28	40.663068	-84.185990	856.20	25.00	881.20
OP 29	40.664119	-84.189876	856.94	25.00	881.94
OP 30	40.664569	-84.198387	849.03	25.00	874.03
OP 31	40.664494	-84.198905	851.90	25.00	876.90
OP 32	40.664160	-84.199465	848.28	25.00	873.28
OP 33	40.664058	-84.201834	840.08	25.00	865.08
OP 34	40.664557	-84.203094	844.89	25.00	869.89
OP 35	40.664675	-84.209668	842.57	25.00	867.57
OP 36	40.654127	-84.186953	853.68	25.00	878.68
OP 37	40.653850	-84.185242	858.84	25.00	883.84
OP 38	40.656755	-84.186079	854.46	25.00	879.46
OP 39	40.669007	-84.182651	852.77	25.00	877.78

PV Array Results

Summary of PV Glare Analysis PV configuration and predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
201	SA tracking	SA tracking	0	0	-	-
202	SA tracking	SA tracking	0	0	-	-
203	SA tracking	SA tracking	0	0	-	-
204	SA tracking	SA tracking	0	0	-	-
205	SA tracking	SA tracking	0	0	-	-
206	SA tracking	SA tracking	0	0	-	-
207	SA tracking	SA tracking	0	0	-	-
208	SA tracking	SA tracking	0	0	-	-
209	SA tracking	SA tracking	0	0	-	-
210	SA tracking	SA tracking	0	0	-	-
211	SA tracking	SA tracking	0	0	-	-
212	SA tracking	SA tracking	0	0	-	-
213	SA tracking	SA tracking	0	0	-	-
214	SA tracking	SA tracking	0	0	-	-
215	SA tracking	SA tracking	0	0	-	-
216	SA tracking	SA tracking	0	0	-	-
217	SA tracking	SA tracking	0	0	-	-

Click the name of the PV array to scroll to its results

PV & Receptor Analysis Results detailed results for each PV array and receptor

201 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

202 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

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203 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

204 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

205 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

206 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

207 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

208 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

209 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

210 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

211 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

212 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

213 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

214 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

215 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

216 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

---

217 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
Route: Beeler Road	0	0
Route: Bowsher Road	0	0
Route: North Sellers Road	0	0
Route: Railroad	0	0

Route: South Sellers Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results for large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Glare vector plots are simplified representations of analysis data. Actual glare emanations and results may differ.
- Glare analysis methods used: OP V1, FP V1, Route V1
- Refer to the **Help page** for assumptions and limitations not listed here.

Site Configuration: Block 3 5 ft veh 5 ft pan

Project site configuration details and results.

Created **Jan. 13, 2021 10:15 a.m.**
Updated **Jan. 13, 2021 10:09 p.m.**
DNI **varies** and peaks at **1,000.0 W/m^2**
Analyze every **1** minute(s)
0.5 ocular transmission coefficient
0.002 m pupil diameter
0.017 m eye focal length
9.3 mrad sun subtended angle
Timezone **UTC-5**
Site Configuration ID: 48008.8653

Summary of Results No glare predicted!

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
301	SA tracking	SA tracking	0	0	-
302	SA tracking	SA tracking	0	0	-
303	SA tracking	SA tracking	0	0	-
304	SA tracking	SA tracking	0	0	-
305	SA tracking	SA tracking	0	0	-
306	SA tracking	SA tracking	0	0	-
307	SA tracking	SA tracking	0	0	-
308	SA tracking	SA tracking	0	0	-
309	SA tracking	SA tracking	0	0	-
310	SA tracking	SA tracking	0	0	-
311	SA tracking	SA tracking	0	0	-
312	SA tracking	SA tracking	0	0	-
313	SA tracking	SA tracking	0	0	-
314	SA tracking	SA tracking	0	0	-
315	SA tracking	SA tracking	0	0	-
316	SA tracking	SA tracking	0	0	-
317	SA tracking	SA tracking	0	0	-
318	SA tracking	SA tracking	0	0	-
319	SA tracking	SA tracking	0	0	-
320	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Name: 301
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,016,565 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678627	-84.207862	839.94	5.00	844.94
2	40.678641	-84.206001	838.20	5.00	843.20
3	40.678671	-84.204268	839.98	5.00	844.98
4	40.678419	-84.204258	839.06	5.00	844.06
5	40.678423	-84.203963	838.74	5.00	843.74
6	40.677858	-84.203973	837.56	5.00	842.56
7	40.677849	-84.204451	838.02	5.00	843.02
8	40.676893	-84.204461	839.01	5.00	844.02
9	40.676051	-84.204472	839.93	5.00	844.93
10	40.676051	-84.205250	839.90	5.00	844.90
11	40.675714	-84.205250	840.39	5.00	845.39
12	40.675701	-84.207873	835.23	5.00	840.23
13	40.677123	-84.207868	837.69	5.00	842.69

Name: 302
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 532,742 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.681914	-84.214701	850.19	5.00	855.19
2	40.681930	-84.213435	847.46	5.00	852.46
3	40.683049	-84.213419	846.86	5.00	851.87
4	40.684005	-84.213403	847.69	5.00	852.69
5	40.684005	-84.212395	848.97	5.00	853.97
6	40.685185	-84.212352	850.92	5.00	855.92
7	40.685176	-84.213510	851.69	5.00	856.69
8	40.685168	-84.214669	850.70	5.00	855.70
9	40.683476	-84.214707	848.26	5.00	853.26

Name: 303
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 702,135 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.673118	-84.210514	833.73	5.00	838.73
2	40.673112	-84.208821	836.97	5.00	841.97
3	40.673122	-84.207322	835.07	5.00	840.07
4	40.673124	-84.205694	835.71	5.00	840.71
5	40.673126	-84.204280	835.54	5.00	840.54
6	40.671922	-84.204334	835.07	5.00	840.07
7	40.671936	-84.205780	835.88	5.00	840.88
8	40.671950	-84.207333	833.38	5.00	838.38
9	40.671948	-84.208886	832.85	5.00	837.85
10	40.671962	-84.210546	832.53	5.00	837.53

Name: 304
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,045,121 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682027	-84.235468	876.04	5.00	881.04
2	40.682043	-84.233215	866.25	5.00	871.25
3	40.680538	-84.233237	861.60	5.00	866.60
4	40.679114	-84.233237	857.23	5.00	862.23
5	40.679122	-84.234030	858.88	5.00	863.88
6	40.679830	-84.234030	866.47	5.00	871.47
7	40.679822	-84.234535	867.61	5.00	872.61
8	40.679147	-84.234513	859.55	5.00	864.55
9	40.679147	-84.234760	860.15	5.00	865.15
10	40.678683	-84.234771	856.97	5.00	861.97
11	40.678658	-84.236155	859.32	5.00	864.32
12	40.678121	-84.236166	860.28	5.00	865.28
13	40.678146	-84.237002	856.34	5.00	861.34
14	40.679484	-84.236976	859.47	5.00	864.47
15	40.680839	-84.236970	862.96	5.00	867.96
16	40.680855	-84.236005	866.64	5.00	871.64
17	40.681303	-84.235468	873.54	5.00	878.55

Name: 305
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,007,311 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682059	-84.233247	866.31	5.00	871.31
2	40.682051	-84.232453	865.42	5.00	870.42
3	40.680831	-84.232453	861.63	5.00	866.63
4	40.680839	-84.231295	862.36	5.00	867.36
5	40.680847	-84.230222	863.27	5.00	868.27
6	40.682214	-84.230168	876.38	5.00	881.38
7	40.682206	-84.229546	874.46	5.00	879.46
8	40.678602	-84.229557	858.28	5.00	863.28
9	40.678602	-84.231289	860.76	5.00	865.76
10	40.678602	-84.233194	855.98	5.00	860.98
11	40.680208	-84.233242	861.38	5.00	866.38

Name: 306
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 970,765 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.680953	-84.229514	866.37	5.00	871.37
2	40.680961	-84.228417	866.69	5.00	871.69
3	40.680969	-84.227169	866.65	5.00	871.65
4	40.680969	-84.225804	863.91	5.00	868.91
5	40.680969	-84.224761	864.70	5.00	869.70
6	40.679916	-84.224568	860.77	5.00	865.77
7	40.678943	-84.224375	858.80	5.00	863.80
8	40.678955	-84.226939	857.36	5.00	862.36
9	40.678968	-84.229589	858.26	5.00	863.26
10	40.679928	-84.229551	859.66	5.00	864.66
11	40.680424	-84.229532	861.82	5.00	866.82

Name: 307
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 581,174 sq-ft



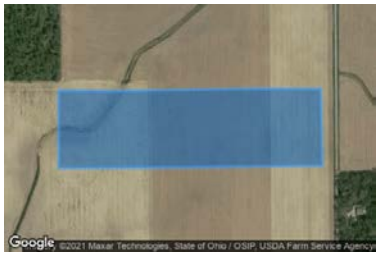
Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682222	-84.229546	874.50	5.00	879.50
2	40.682200	-84.228288	872.17	5.00	877.17
3	40.682226	-84.227073	874.30	5.00	879.30
4	40.682245	-84.225911	870.12	5.00	875.12
5	40.682263	-84.224750	870.97	5.00	875.97
6	40.680969	-84.224771	864.74	5.00	869.74
7	40.680967	-84.225962	864.18	5.00	869.18
8	40.680981	-84.227046	866.18	5.00	871.18
9	40.680979	-84.228237	867.88	5.00	872.88
10	40.680977	-84.229535	866.57	5.00	871.57

Name: 308
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 931,977 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678154	-84.229910	856.99	5.00	861.99
2	40.678174	-84.228102	852.78	5.00	857.78
3	40.678194	-84.226401	853.03	5.00	858.03
4	40.678215	-84.224626	856.69	5.00	861.69
5	40.678235	-84.223043	858.86	5.00	863.86
6	40.677470	-84.223065	857.08	5.00	862.08
7	40.676705	-84.223086	857.12	5.00	862.12
8	40.676726	-84.224631	864.21	5.00	869.21
9	40.676697	-84.226412	860.57	5.00	865.57
10	40.676693	-84.228064	850.08	5.00	855.08
11	40.676689	-84.229824	852.43	5.00	857.43

Name: 309
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 988,356 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676722	-84.223150	857.40	5.00	862.40
2	40.676722	-84.225017	863.77	5.00	868.77
3	40.676705	-84.226627	859.59	5.00	864.59
4	40.676681	-84.228365	848.95	5.00	853.95
5	40.676689	-84.229953	852.45	5.00	857.45
6	40.675965	-84.229953	847.41	5.00	852.41
7	40.675159	-84.229953	848.16	5.00	853.16
8	40.675176	-84.226584	854.76	5.00	859.76
9	40.675208	-84.223108	853.86	5.00	858.86
10	40.675924	-84.223129	858.46	5.00	863.46

Name: 310
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,017,162 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676689	-84.229953	852.45	5.00	857.45
2	40.676689	-84.231519	852.55	5.00	857.55
3	40.676689	-84.233193	851.10	5.00	856.10
4	40.675363	-84.233160	847.09	5.00	852.09
5	40.674101	-84.233128	845.19	5.00	850.19
6	40.673678	-84.232163	844.45	5.00	849.45
7	40.673540	-84.231101	844.13	5.00	849.13
8	40.673467	-84.230382	845.00	5.00	850.00
9	40.672287	-84.230446	844.14	5.00	849.14
10	40.672287	-84.229985	845.32	5.00	850.32
11	40.673625	-84.229958	845.58	5.00	850.58
12	40.675127	-84.229931	848.26	5.00	853.26
13	40.675827	-84.229953	847.38	5.00	852.38

Name: 311
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,022,190 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.675152	-84.229943	848.19	5.00	853.19
2	40.673760	-84.229943	845.76	5.00	850.76
3	40.672287	-84.229964	845.34	5.00	850.34
4	40.672275	-84.228645	847.37	5.00	852.37
5	40.672269	-84.227405	851.05	5.00	856.05
6	40.672247	-84.226392	850.91	5.00	855.91
7	40.673772	-84.226397	853.32	5.00	858.32
8	40.675184	-84.226359	854.92	5.00	859.92
9	40.675176	-84.227502	855.16	5.00	860.16
10	40.675168	-84.228280	852.95	5.00	857.95

Name: 312
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,002,203 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678622	-84.207852	839.88	5.00	844.89
2	40.678618	-84.208951	844.62	5.00	849.62
3	40.678614	-84.210287	840.16	5.00	845.16
4	40.678618	-84.211634	846.83	5.00	851.83
5	40.678622	-84.212851	851.06	5.00	856.06
6	40.677858	-84.212900	850.39	5.00	855.39
7	40.677858	-84.212444	848.80	5.00	853.80
8	40.676409	-84.212476	844.02	5.00	849.02
9	40.676426	-84.210365	843.37	5.00	848.37
10	40.676409	-84.207868	835.99	5.00	840.99
11	40.677540	-84.207860	839.74	5.00	844.74

Name: 313
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,049,747 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.675184	-84.226381	854.89	5.00	859.89
2	40.675204	-84.224670	857.93	5.00	862.93
3	40.675225	-84.223109	853.91	5.00	858.91
4	40.674397	-84.223135	854.25	5.00	859.25
5	40.673610	-84.223141	852.53	5.00	857.53
6	40.672810	-84.223146	849.91	5.00	854.91
7	40.672027	-84.223151	847.49	5.00	852.49
8	40.672027	-84.224696	848.57	5.00	853.57
9	40.671807	-84.224696	850.09	5.00	855.09
10	40.671807	-84.226402	849.91	5.00	854.91
11	40.673447	-84.226392	851.99	5.00	856.99

Name: 314
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,037,986 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.674184	-84.212161	842.15	5.00	847.15
2	40.674184	-84.210375	833.95	5.00	838.95
3	40.674546	-84.210375	836.18	5.00	841.18
4	40.674554	-84.209613	833.70	5.00	838.70
5	40.675238	-84.209624	836.03	5.00	841.03
6	40.675266	-84.207872	835.11	5.00	840.11
7	40.675278	-84.206228	834.55	5.00	839.55
8	40.675714	-84.206271	836.17	5.00	841.17
9	40.675720	-84.207033	835.85	5.00	840.85
10	40.675710	-84.207880	835.23	5.00	840.23
11	40.676417	-84.207880	836.00	5.00	841.00
12	40.676404	-84.210133	844.94	5.00	849.94
13	40.676407	-84.212472	843.93	5.00	848.93
14	40.676467	-84.213057	847.63	5.00	852.63
15	40.676688	-84.213465	847.84	5.00	852.84
16	40.676690	-84.213888	848.73	5.00	853.73
17	40.675209	-84.213883	845.89	5.00	850.89
18	40.675201	-84.212124	845.69	5.00	850.69

Name: 315
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,059,478 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676706	-84.213470	847.88	5.00	852.88
2	40.677353	-84.213449	847.83	5.00	852.83
3	40.677353	-84.213009	848.31	5.00	853.31
4	40.677841	-84.212998	850.16	5.00	855.16
5	40.677839	-84.214208	852.00	5.00	857.00
6	40.677837	-84.215439	850.80	5.00	855.80
7	40.678763	-84.215412	856.50	5.00	861.50
8	40.679705	-84.215385	856.06	5.00	861.06
9	40.679696	-84.216855	858.95	5.00	863.95
10	40.679440	-84.216866	857.45	5.00	862.45
11	40.679444	-84.217236	857.38	5.00	862.38
12	40.678448	-84.217280	857.36	5.00	862.36
13	40.677630	-84.217260	849.18	5.00	854.18
14	40.676723	-84.217272	846.04	5.00	851.04
15	40.675897	-84.217284	846.74	5.00	851.74
16	40.675909	-84.215568	844.06	5.00	849.06
17	40.675919	-84.213891	846.84	5.00	851.84
18	40.676687	-84.213876	848.73	5.00	853.73

Name: 316
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,067,964 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.675909	-84.213893	846.83	5.00	851.83
2	40.675213	-84.213888	845.91	5.00	850.91
3	40.675208	-84.215627	842.21	5.00	847.21
4	40.675219	-84.217410	842.85	5.00	847.85
5	40.675230	-84.219160	842.70	5.00	847.70
6	40.675241	-84.221039	844.89	5.00	849.89
7	40.675693	-84.221060	845.76	5.00	850.76
8	40.675685	-84.221798	849.09	5.00	854.09
9	40.675677	-84.222557	854.70	5.00	859.70
10	40.676525	-84.222570	853.75	5.00	858.75
11	40.677422	-84.222562	854.19	5.00	859.19
12	40.677402	-84.221688	854.06	5.00	859.06
13	40.677398	-84.220760	853.35	5.00	858.35
14	40.677398	-84.219703	852.17	5.00	857.17
15	40.677402	-84.219204	852.59	5.00	857.59
16	40.676137	-84.219231	846.57	5.00	851.58
17	40.676145	-84.217294	846.42	5.00	851.42
18	40.675888	-84.217289	846.75	5.00	851.75

Name: 317
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 387,326 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.677398	-84.219703	852.17	5.00	857.17
2	40.678854	-84.219682	859.42	5.00	864.42
3	40.678844	-84.221068	864.11	5.00	869.11
4	40.678850	-84.222519	862.47	5.00	867.47
5	40.678122	-84.222533	856.80	5.00	861.80
6	40.677426	-84.222546	854.19	5.00	859.19



Name: 318
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,052,493 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682357	-84.220449	869.86	5.00	874.86
2	40.681126	-84.220463	867.48	5.00	872.48
3	40.679993	-84.220476	867.16	5.00	872.16
4	40.680059	-84.219003	866.24	5.00	871.24
5	40.680026	-84.217660	863.27	5.00	868.27
6	40.680315	-84.217665	862.75	5.00	867.75
7	40.680315	-84.216978	860.84	5.00	865.84
8	40.680901	-84.216962	860.89	5.00	865.89
9	40.680909	-84.216013	857.63	5.00	862.63
10	40.681198	-84.216013	858.54	5.00	863.54
11	40.681198	-84.215117	854.37	5.00	859.37
12	40.682377	-84.215095	851.39	5.00	856.39



Name: 319
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 995,209 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682378	-84.215153	851.40	5.00	856.40
2	40.683647	-84.215131	849.84	5.00	854.84
3	40.685185	-84.215121	851.91	5.00	856.91
4	40.685177	-84.216827	855.86	5.00	860.86
5	40.685169	-84.218790	861.54	5.00	866.54
6	40.682362	-84.218801	861.97	5.00	866.97
7	40.682372	-84.217875	860.73	5.00	865.73
8	40.682382	-84.216907	855.60	5.00	860.60



Name: 320
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 811,611 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682361	-84.220484	869.94	5.00	874.94
2	40.683126	-84.221455	871.20	5.00	876.20
3	40.684086	-84.222555	870.30	5.00	875.30
4	40.684355	-84.222587	868.93	5.00	873.93
5	40.684355	-84.221675	863.81	5.00	868.81
6	40.685201	-84.221675	868.50	5.00	873.50
7	40.685181	-84.220152	860.19	5.00	865.19
8	40.685193	-84.218800	861.63	5.00	866.63
9	40.682370	-84.218821	862.07	5.00	867.07



2-Mile Flight Path Receptor(s)

Name: Allen County Airport Runway 10
Description:
Threshold height : 50 ft
Direction: 90.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706950	-84.038757	946.44	50.00	996.44
2-mile point	40.706950	-84.076942	904.00	645.90	1549.90



Name: Allen County Airport Runway 28
Description:
Threshold height : 50 ft
Direction: 270.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706946	-84.017749	975.51	50.00	1025.51
2-mile point	40.706946	-83.979564	980.77	598.20	1578.97



Name: Youngpeter Airport North Approach
Description:
Threshold height : 50 ft
Direction: 0.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.780297	-84.368399	803.72	50.00	853.72
2-mile point	40.751384	-84.368399	808.77	598.41	1407.18



Name: Youngpeter Airport South Approach
Description:
Threshold height : 50 ft
Direction: 180.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.786471	-84.368410	791.74	50.00	841.74
2-mile point	40.815384	-84.368410	782.35	612.85	1395.20



Route Receptor(s)

Name: Bowsher Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.689185	-84.241974	863.49	5.00	868.49
2	40.687578	-84.241958	865.39	5.00	870.39
3	40.684654	-84.241905	869.57	5.00	874.57
4	40.683441	-84.241915	872.13	5.00	877.13
5	40.682294	-84.241899	874.20	5.00	879.20
6	40.681367	-84.241894	873.50	5.00	878.50
7	40.679349	-84.241915	872.91	5.00	877.91
8	40.678535	-84.241889	869.57	5.00	874.57
9	40.677722	-84.241856	866.78	5.00	871.78
10	40.676253	-84.241848	865.16	5.00	870.16
11	40.674825	-84.241840	858.92	5.00	863.92
12	40.673771	-84.241840	854.93	5.00	859.93
13	40.672766	-84.241819	850.26	5.00	855.26
14	40.671961	-84.241819	848.19	5.00	853.19
15	40.671359	-84.241813	848.19	5.00	853.19

Name: CR 121
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671428	-84.222673	846.34	5.00	851.34
2	40.671428	-84.223419	846.40	5.00	851.41
3	40.671415	-84.224508	851.06	5.00	856.06
4	40.671395	-84.225382	851.97	5.00	856.97
5	40.671403	-84.226428	849.44	5.00	854.44
6	40.671391	-84.227083	849.08	5.00	854.08
7	40.671403	-84.227877	849.96	5.00	854.96
8	40.671387	-84.228638	848.02	5.00	853.02
9	40.671395	-84.230167	844.05	5.00	849.05
10	40.671387	-84.230988	844.04	5.00	849.04
11	40.671367	-84.231959	845.29	5.00	850.29
12	40.671375	-84.232973	847.78	5.00	852.78
13	40.671363	-84.234175	851.25	5.00	856.25
14	40.671359	-84.235462	852.70	5.00	857.70
15	40.671363	-84.236776	853.82	5.00	858.82
16	40.671350	-84.239029	854.56	5.00	859.56
17	40.671350	-84.241830	847.94	5.00	852.94

Name: Mobile Home Park Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686023	-84.212172	855.64	5.00	860.64
2	40.685577	-84.212194	853.18	5.00	858.18
3	40.685063	-84.212205	851.85	5.00	856.85
4	40.684471	-84.212221	850.93	5.00	855.93
5	40.683964	-84.212218	848.92	5.00	853.92
6	40.683466	-84.212242	846.35	5.00	851.35
7	40.683067	-84.212221	846.78	5.00	851.78
8	40.682719	-84.212170	847.22	5.00	852.22
9	40.682636	-84.212105	847.64	5.00	852.64

Name: Private Drive
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685999	-84.214849	855.36	5.00	860.36
2	40.685475	-84.214859	851.80	5.00	856.80
3	40.685004	-84.214857	851.80	5.00	856.80
4	40.684662	-84.214861	851.76	5.00	856.76
5	40.684316	-84.214857	850.44	5.00	855.44
6	40.683507	-84.214873	849.06	5.00	854.06
7	40.682600	-84.214872	851.24	5.00	856.24
8	40.681920	-84.214880	850.85	5.00	855.85
9	40.681063	-84.214888	853.07	5.00	858.07
10	40.681002	-84.214847	852.79	5.00	857.79
11	40.680962	-84.214789	852.51	5.00	857.51

Name: South Kemp Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685970	-84.222805	874.03	5.00	879.03
2	40.685024	-84.222802	871.21	5.00	876.21
3	40.683921	-84.222794	872.69	5.00	877.69
4	40.683376	-84.222783	875.06	5.00	880.06
5	40.682589	-84.222775	873.08	5.00	878.08
6	40.681574	-84.222781	869.55	5.00	874.55
7	40.681037	-84.222783	867.34	5.00	872.34
8	40.679733	-84.222774	867.76	5.00	872.76
9	40.679049	-84.222761	864.35	5.00	869.35
10	40.678334	-84.222756	859.43	5.00	864.43
11	40.677482	-84.222746	856.75	5.00	861.75
12	40.677026	-84.222740	855.80	5.00	860.80
13	40.676277	-84.222731	856.01	5.00	861.01
14	40.675519	-84.222727	855.08	5.00	860.08
15	40.674829	-84.222732	852.90	5.00	857.90
16	40.674166	-84.222727	854.48	5.00	859.48
17	40.673393	-84.222722	851.80	5.00	856.80
18	40.672878	-84.222708	850.62	5.00	855.62
19	40.672250	-84.222687	849.14	5.00	854.14
20	40.671151	-84.222676	843.47	5.00	848.47
21	40.670183	-84.222676	842.88	5.00	847.88

Name: S Wapakoneta Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686108	-84.203756	863.93	5.00	868.93
2	40.685427	-84.203755	859.88	5.00	864.88
3	40.684717	-84.203744	857.16	5.00	862.16
4	40.683843	-84.203739	852.37	5.00	857.37
5	40.682971	-84.203725	850.06	5.00	855.06
6	40.681809	-84.203720	848.70	5.00	853.70
7	40.681074	-84.203704	846.77	5.00	851.78
8	40.680339	-84.203700	846.99	5.00	851.99
9	40.679512	-84.203696	844.10	5.00	849.10
10	40.678660	-84.203680	840.91	5.00	845.91
11	40.677829	-84.203666	839.72	5.00	844.72
12	40.676972	-84.203661	841.45	5.00	846.45
13	40.675934	-84.203639	841.01	5.00	846.01
14	40.674681	-84.203627	840.14	5.00	845.14
15	40.674321	-84.203630	839.44	5.00	844.44
16	40.673687	-84.203615	838.85	5.00	843.85
17	40.673213	-84.203610	839.19	5.00	844.19
18	40.672454	-84.203607	839.24	5.00	844.24
19	40.671691	-84.203606	841.32	5.00	846.32
20	40.671060	-84.203591	840.96	5.00	845.96
21	40.670509	-84.203595	839.16	5.00	844.16
22	40.669557	-84.203588	840.63	5.00	845.63
23	40.668048	-84.203574	839.77	5.00	844.77
24	40.666580	-84.203560	841.80	5.00	846.80
25	40.665394	-84.203548	844.11	5.00	849.11
26	40.664283	-84.203556	842.37	5.00	847.37

Name: West Breese Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685934	-84.222757	873.66	5.00	878.66
2	40.685951	-84.219737	867.14	5.00	872.14
3	40.685975	-84.218047	865.15	5.00	870.15
4	40.685975	-84.216095	856.99	5.00	861.99
5	40.686012	-84.214067	856.27	5.00	861.27
6	40.686030	-84.212313	855.72	5.00	860.72
7	40.686044	-84.210381	853.32	5.00	858.32
8	40.686079	-84.208635	850.04	5.00	855.04
9	40.686097	-84.206755	856.18	5.00	861.18
10	40.686130	-84.204416	860.27	5.00	865.27
11	40.686125	-84.203778	863.99	5.00	868.99
12	40.686146	-84.199658	854.95	5.00	859.95
13	40.686158	-84.197298	851.48	5.00	856.48
14	40.686170	-84.195173	849.87	5.00	854.87
15	40.686186	-84.193435	847.87	5.00	852.87

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	ft	ft	ft
OP 1	40.740549	-84.118333	868.53	500.02	1368.56
OP 2	40.735693	-84.086896	885.19	500.02	1385.21
OP 3	40.676707	-84.203284	841.17	25.00	866.18
OP 4	40.675336	-84.203992	839.53	25.00	864.53
OP 5	40.669414	-84.203064	842.79	25.00	867.79
OP 6	40.669097	-84.203976	845.94	25.00	870.94
OP 7	40.664058	-84.201834	840.08	25.00	865.08
OP 8	40.664557	-84.203094	844.89	25.00	869.89
OP 9	40.664675	-84.209668	842.57	25.00	867.57
OP 10	40.679890	-84.204984	846.60	25.00	871.61
OP 11	40.679719	-84.204158	846.00	25.00	871.00
OP 12	40.680150	-84.204094	848.31	25.00	873.32
OP 13	40.680606	-84.204415	844.93	25.00	869.93
OP 14	40.680915	-84.204297	845.37	25.00	870.37
OP 15	40.681495	-84.205144	847.48	25.00	872.48
OP 16	40.682797	-84.205104	850.70	25.00	875.70
OP 17	40.683956	-84.202856	857.02	25.00	882.02
OP 18	40.685591	-84.207879	850.48	25.00	875.48
OP 19	40.686893	-84.210234	849.92	25.00	874.92
OP 20	40.687650	-84.211806	856.97	25.00	881.97
OP 21	40.685600	-84.211548	854.24	25.00	879.24
OP 22	40.686187	-84.215014	856.88	25.00	881.89
OP 23	40.686281	-84.222438	876.38	25.00	901.38
OP 24	40.685500	-84.223208	872.89	25.00	897.89
OP 25	40.683745	-84.226523	882.41	25.00	907.41
OP 26	40.684119	-84.230002	877.36	25.00	902.36
OP 27	40.680360	-84.214311	853.88	25.00	878.88
OP 28	40.682439	-84.212203	847.55	25.00	872.55
OP 29	40.682187	-84.212214	848.33	25.00	873.33
OP 30	40.681495	-84.209151	847.03	25.00	872.03
OP 31	40.678464	-84.218313	856.71	25.00	881.71
OP 32	40.679689	-84.222546	869.21	25.00	894.21
OP 33	40.680836	-84.222342	871.47	25.00	896.47
OP 34	40.681759	-84.223163	873.09	25.00	898.09
OP 35	40.674105	-84.222335	855.29	25.00	880.30
OP 36	40.673112	-84.222239	850.96	25.00	875.96
OP 37	40.671716	-84.224052	850.78	25.00	875.78
OP 38	40.671212	-84.225350	851.40	0.00	851.40
OP 39	40.671191	-84.227968	849.66	25.00	874.67
OP 40	40.671045	-84.229481	846.52	25.00	871.52
OP 41	40.671655	-84.233622	850.92	25.00	875.92
OP 42	40.671053	-84.238509	855.44	25.00	880.44
OP 43	40.679894	-84.240707	872.64	25.00	897.64
OP 44	40.682972	-84.241540	874.04	25.00	899.04
OP 45	40.674500	-84.241385	864.35	25.00	889.35

PV Array Results

Summary of PV Glare Analysis PV configuration and predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
301	SA tracking	SA tracking	0	0	-	-
302	SA tracking	SA tracking	0	0	-	-
303	SA tracking	SA tracking	0	0	-	-
304	SA tracking	SA tracking	0	0	-	-
305	SA tracking	SA tracking	0	0	-	-
306	SA tracking	SA tracking	0	0	-	-
307	SA tracking	SA tracking	0	0	-	-
308	SA tracking	SA tracking	0	0	-	-
309	SA tracking	SA tracking	0	0	-	-
310	SA tracking	SA tracking	0	0	-	-
311	SA tracking	SA tracking	0	0	-	-
312	SA tracking	SA tracking	0	0	-	-
313	SA tracking	SA tracking	0	0	-	-
314	SA tracking	SA tracking	0	0	-	-
315	SA tracking	SA tracking	0	0	-	-
316	SA tracking	SA tracking	0	0	-	-
317	SA tracking	SA tracking	0	0	-	-
318	SA tracking	SA tracking	0	0	-	-
319	SA tracking	SA tracking	0	0	-	-
320	SA tracking	SA tracking	0	0	-	-

Click the name of the PV array to scroll to its results

PV & Receptor Analysis Results detailed results for each PV array and receptor

301 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

302 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

303 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

304 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

305 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

306 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

307 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

308 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

309 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

310 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

311 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

312 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

313 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

314 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

315 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

316 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

317 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

318 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

319 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

320 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results for large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Glare vector plots are simplified representations of analysis data. Actual glare emanations and results may differ.
- Glare analysis methods used: OP V1, FP V1, Route V1
- Refer to the **Help page** for assumptions and limitations not listed here.

Site Configuration: Block 3 5 ft veh 10 ft pan

Project site configuration details and results.

Created **Jan. 13, 2021 3:53 p.m.**
Updated **Jan. 14, 2021 6:47 p.m.**
DNI **varies** and peaks at **1,000.0 W/m^2**
Analyze every **1** minute(s)
0.5 ocular transmission coefficient
0.002 m pupil diameter
0.017 m eye focal length
9.3 mrad sun subtended angle
Timezone **UTC-5**
Site Configuration ID: 48026.8653

Summary of Results No glare predicted!

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
301	SA tracking	SA tracking	0	0	-
302	SA tracking	SA tracking	0	0	-
303	SA tracking	SA tracking	0	0	-
304	SA tracking	SA tracking	0	0	-
305	SA tracking	SA tracking	0	0	-
306	SA tracking	SA tracking	0	0	-
307	SA tracking	SA tracking	0	0	-
308	SA tracking	SA tracking	0	0	-
309	SA tracking	SA tracking	0	0	-
310	SA tracking	SA tracking	0	0	-
311	SA tracking	SA tracking	0	0	-
312	SA tracking	SA tracking	0	0	-
313	SA tracking	SA tracking	0	0	-
314	SA tracking	SA tracking	0	0	-
315	SA tracking	SA tracking	0	0	-
316	SA tracking	SA tracking	0	0	-
317	SA tracking	SA tracking	0	0	-
318	SA tracking	SA tracking	0	0	-
319	SA tracking	SA tracking	0	0	-
320	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Name: 301
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,016,565 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678627	-84.207862	839.94	10.00	849.94
2	40.678641	-84.206001	838.20	10.00	848.20
3	40.678671	-84.204268	839.98	10.00	849.98
4	40.678419	-84.204258	839.06	10.00	849.06
5	40.678423	-84.203963	838.74	10.00	848.74
6	40.677858	-84.203973	837.56	10.00	847.56
7	40.677849	-84.204451	838.02	10.00	848.02
8	40.676893	-84.204461	839.01	10.00	849.02
9	40.676051	-84.204472	839.93	10.00	849.93
10	40.676051	-84.205250	839.90	10.00	849.90
11	40.675714	-84.205250	840.39	10.00	850.39
12	40.675701	-84.207873	835.23	10.00	845.23
13	40.677123	-84.207868	837.69	10.00	847.69

Name: 302
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 532,742 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.681914	-84.214701	850.19	10.00	860.19
2	40.681930	-84.213435	847.46	10.00	857.46
3	40.683049	-84.213419	846.86	10.00	856.87
4	40.684005	-84.213403	847.69	10.00	857.69
5	40.684005	-84.212395	848.97	10.00	858.97
6	40.685185	-84.212352	850.92	10.00	860.92
7	40.685176	-84.213510	851.69	10.00	861.69
8	40.685168	-84.214669	850.70	10.00	860.70
9	40.683476	-84.214707	848.26	10.00	858.26

Name: 303
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 702,135 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.673118	-84.210514	833.73	10.00	843.73
2	40.673112	-84.208821	836.97	10.00	846.97
3	40.673122	-84.207322	835.07	10.00	845.07
4	40.673124	-84.205694	835.71	10.00	845.71
5	40.673126	-84.204280	835.54	10.00	845.54
6	40.671922	-84.204334	835.07	10.00	845.07
7	40.671936	-84.205780	835.88	10.00	845.88
8	40.671950	-84.207333	833.38	10.00	843.38
9	40.671948	-84.208886	832.85	10.00	842.85
10	40.671962	-84.210546	832.53	10.00	842.53

Name: 304
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,047,327 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682027	-84.235468	876.04	10.00	886.04
2	40.682043	-84.233215	866.25	10.00	876.25
3	40.680538	-84.233237	861.60	10.00	871.60
4	40.679114	-84.233237	857.23	10.00	867.23
5	40.679122	-84.234030	858.88	10.00	868.88
6	40.679830	-84.234030	866.47	10.00	876.47
7	40.679822	-84.234470	868.34	10.00	878.34
8	40.679147	-84.234513	859.55	10.00	869.55
9	40.679147	-84.234760	860.15	10.00	870.15
10	40.678683	-84.234771	856.97	10.00	866.97
11	40.678658	-84.236155	859.32	10.00	869.32
12	40.678121	-84.236166	860.28	10.00	870.28
13	40.678146	-84.237002	856.34	10.00	866.34
14	40.679484	-84.236976	859.47	10.00	869.47
15	40.680839	-84.236970	862.96	10.00	872.96
16	40.680855	-84.236005	866.64	10.00	876.64
17	40.681303	-84.235468	873.54	10.00	883.55

Name: 305
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,007,311 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682059	-84.233247	866.31	10.00	876.31
2	40.682051	-84.232453	865.42	10.00	875.42
3	40.680831	-84.232453	861.63	10.00	871.63
4	40.680839	-84.231295	862.36	10.00	872.36
5	40.680847	-84.230222	863.27	10.00	873.27
6	40.682214	-84.230168	876.38	10.00	886.38
7	40.682206	-84.229546	874.46	10.00	884.46
8	40.678602	-84.229557	858.28	10.00	868.28
9	40.678602	-84.231289	860.76	10.00	870.76
10	40.678602	-84.233194	855.98	10.00	865.98
11	40.680208	-84.233242	861.38	10.00	871.39

Name: 306
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 970,765 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.680953	-84.229514	866.37	10.00	876.37
2	40.680961	-84.228417	866.69	10.00	876.69
3	40.680969	-84.227169	866.65	10.00	876.65
4	40.680969	-84.225804	863.91	10.00	873.91
5	40.680969	-84.224761	864.70	10.00	874.70
6	40.679916	-84.224568	860.77	10.00	870.77
7	40.678943	-84.224375	858.80	10.00	868.80
8	40.678955	-84.226939	857.36	10.00	867.36
9	40.678968	-84.229589	858.26	10.00	868.26
10	40.679928	-84.229551	859.66	10.00	869.66
11	40.680424	-84.229532	861.82	10.00	871.82

Name: 307
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 581,054 sq-ft



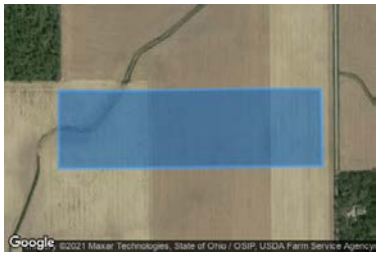
Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682222	-84.229546	874.50	10.00	884.50
2	40.682200	-84.228288	872.17	10.00	882.17
3	40.682226	-84.227073	874.30	10.00	884.30
4	40.682245	-84.225847	869.83	10.00	879.83
5	40.682263	-84.224750	870.97	10.00	880.97
6	40.680969	-84.224771	864.74	10.00	874.74
7	40.680967	-84.225962	864.18	10.00	874.18
8	40.680981	-84.227046	866.18	10.00	876.18
9	40.680979	-84.228237	867.88	10.00	877.88
10	40.680977	-84.229535	866.57	10.00	876.57

Name: 308
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 931,977 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678154	-84.229910	856.99	10.00	866.99
2	40.678174	-84.228102	852.78	10.00	862.78
3	40.678194	-84.226401	853.03	10.00	863.03
4	40.678215	-84.224626	856.69	10.00	866.69
5	40.678235	-84.223043	858.86	10.00	868.86
6	40.677470	-84.223065	857.08	10.00	867.08
7	40.676705	-84.223086	857.12	10.00	867.12
8	40.676726	-84.224631	864.21	10.00	874.21
9	40.676697	-84.226412	860.57	10.00	870.57
10	40.676693	-84.228064	850.08	10.00	860.08
11	40.676689	-84.229824	852.43	10.00	862.43

Name: 309
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 988,356 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676722	-84.223150	857.40	10.00	867.41
2	40.676722	-84.225017	863.77	10.00	873.77
3	40.676705	-84.226627	859.59	10.00	869.59
4	40.676681	-84.228365	848.95	10.00	858.95
5	40.676689	-84.229953	852.45	10.00	862.45
6	40.675965	-84.229953	847.41	10.00	857.41
7	40.675159	-84.229953	848.16	10.00	858.16
8	40.675176	-84.226584	854.76	10.00	864.77
9	40.675208	-84.223108	853.86	10.00	863.86
10	40.675924	-84.223129	858.46	10.00	868.46

Name: 310
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,017,162 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676689	-84.229953	852.45	10.00	862.45
2	40.676689	-84.231519	852.55	10.00	862.55
3	40.676689	-84.233193	851.10	10.00	861.10
4	40.675363	-84.233160	847.09	10.00	857.09
5	40.674101	-84.233128	845.19	10.00	855.19
6	40.673678	-84.232163	844.45	10.00	854.45
7	40.673540	-84.231101	844.13	10.00	854.13
8	40.673467	-84.230382	845.00	10.00	855.00
9	40.672287	-84.230446	844.14	10.00	854.14
10	40.672287	-84.229985	845.32	10.00	855.32
11	40.673625	-84.229958	845.58	10.00	855.58
12	40.675127	-84.229931	848.26	10.00	858.26
13	40.675827	-84.229953	847.38	10.00	857.38

Name: 311
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,022,190 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.675152	-84.229943	848.19	10.00	858.19
2	40.673760	-84.229943	845.76	10.00	855.76
3	40.672287	-84.229964	845.34	10.00	855.34
4	40.672275	-84.228645	847.37	10.00	857.37
5	40.672269	-84.227405	851.05	10.00	861.05
6	40.672247	-84.226392	850.91	10.00	860.91
7	40.673772	-84.226397	853.32	10.00	863.32
8	40.675184	-84.226359	854.92	10.00	864.92
9	40.675176	-84.227502	855.16	10.00	865.16
10	40.675168	-84.228280	852.95	10.00	862.95

Name: 312
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,002,203 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678622	-84.207852	839.88	10.00	849.89
2	40.678618	-84.208951	844.62	10.00	854.62
3	40.678614	-84.210287	840.16	10.00	850.16
4	40.678618	-84.211634	846.83	10.00	856.83
5	40.678622	-84.212851	851.06	10.00	861.06
6	40.677858	-84.212900	850.39	10.00	860.39
7	40.677858	-84.212444	848.80	10.00	858.80
8	40.676409	-84.212476	844.02	10.00	854.02
9	40.676426	-84.210365	843.37	10.00	853.37
10	40.676409	-84.207868	835.99	10.00	845.99
11	40.677540	-84.207860	839.74	10.00	849.74

Name: 313
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,049,747 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.675184	-84.226381	854.89	10.00	864.89
2	40.675204	-84.224670	857.93	10.00	867.93
3	40.675225	-84.223109	853.91	10.00	863.91
4	40.674397	-84.223135	854.25	10.00	864.25
5	40.673610	-84.223141	852.53	10.00	862.53
6	40.672810	-84.223146	849.91	10.00	859.91
7	40.672027	-84.223151	847.49	10.00	857.49
8	40.672027	-84.224696	848.57	10.00	858.57
9	40.671807	-84.224696	850.09	10.00	860.09
10	40.671807	-84.226402	849.91	10.00	859.92
11	40.673447	-84.226392	851.99	10.00	861.99

Name: 314
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,037,986 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.674184	-84.212161	842.15	10.00	852.15
2	40.674184	-84.210375	833.95	10.00	843.95
3	40.674546	-84.210375	836.18	10.00	846.18
4	40.674554	-84.209613	833.70	10.00	843.70
5	40.675238	-84.209624	836.03	10.00	846.03
6	40.675266	-84.207872	835.11	10.00	845.11
7	40.675278	-84.206228	834.55	10.00	844.55
8	40.675714	-84.206271	836.17	10.00	846.17
9	40.675720	-84.207033	835.85	10.00	845.85
10	40.675710	-84.207880	835.23	10.00	845.23
11	40.676417	-84.207880	836.00	10.00	846.00
12	40.676404	-84.210133	844.94	10.00	854.94
13	40.676407	-84.212472	843.93	10.00	853.93
14	40.676467	-84.213057	847.63	10.00	857.63
15	40.676688	-84.213465	847.84	10.00	857.84
16	40.676690	-84.213888	848.73	10.00	858.73
17	40.675209	-84.213883	845.89	10.00	855.89
18	40.675201	-84.212124	845.69	10.00	855.69

Name: 315
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,059,478 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676706	-84.213470	847.88	10.00	857.88
2	40.677353	-84.213449	847.83	10.00	857.83
3	40.677353	-84.213009	848.31	10.00	858.31
4	40.677841	-84.212998	850.16	10.00	860.16
5	40.677839	-84.214208	852.00	10.00	862.00
6	40.677837	-84.215439	850.80	10.00	860.80
7	40.678763	-84.215412	856.50	10.00	866.50
8	40.679705	-84.215385	856.06	10.00	866.06
9	40.679696	-84.216855	858.95	10.00	868.95
10	40.679440	-84.216866	857.45	10.00	867.45
11	40.679444	-84.217236	857.38	10.00	867.38
12	40.678448	-84.217280	857.36	10.00	867.36
13	40.677630	-84.217260	849.18	10.00	859.18
14	40.676723	-84.217272	846.04	10.00	856.05
15	40.675897	-84.217284	846.74	10.00	856.74
16	40.675909	-84.215568	844.06	10.00	854.06
17	40.675919	-84.213891	846.84	10.00	856.84
18	40.676687	-84.213876	848.73	10.00	858.73

Name: 316
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,067,964 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.675909	-84.213893	846.83	10.00	856.83
2	40.675213	-84.213888	845.91	10.00	855.91
3	40.675208	-84.215627	842.21	10.00	852.21
4	40.675219	-84.217410	842.85	10.00	852.85
5	40.675230	-84.219160	842.70	10.00	852.70
6	40.675241	-84.221039	844.89	10.00	854.89
7	40.675693	-84.221060	845.76	10.00	855.76
8	40.675685	-84.221798	849.09	10.00	859.09
9	40.675677	-84.222557	854.70	10.00	864.70
10	40.676525	-84.222570	853.75	10.00	863.75
11	40.677422	-84.222562	854.19	10.00	864.19
12	40.677402	-84.221688	854.06	10.00	864.06
13	40.677398	-84.220760	853.35	10.00	863.35
14	40.677398	-84.219703	852.17	10.00	862.17
15	40.677402	-84.219204	852.59	10.00	862.59
16	40.676137	-84.219231	846.57	10.00	856.58
17	40.676145	-84.217294	846.42	10.00	856.42
18	40.675888	-84.217289	846.75	10.00	856.75

Name: 317
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 387,326 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.677398	-84.219703	852.17	10.00	862.17
2	40.678854	-84.219682	859.42	10.00	869.43
3	40.678844	-84.221068	864.11	10.00	874.11
4	40.678850	-84.222519	862.47	10.00	872.47
5	40.678122	-84.222533	856.80	10.00	866.80
6	40.677426	-84.222546	854.19	10.00	864.19



Name: 318
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,052,493 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682357	-84.220449	869.86	10.00	879.86
2	40.681126	-84.220463	867.48	10.00	877.48
3	40.679993	-84.220476	867.16	10.00	877.16
4	40.680059	-84.219003	866.24	10.00	876.24
5	40.680026	-84.217660	863.27	10.00	873.27
6	40.680315	-84.217665	862.75	10.00	872.75
7	40.680315	-84.216978	860.84	10.00	870.84
8	40.680901	-84.216962	860.89	10.00	870.90
9	40.680909	-84.216013	857.63	10.00	867.63
10	40.681198	-84.216013	858.54	10.00	868.54
11	40.681198	-84.215117	854.37	10.00	864.37
12	40.682377	-84.215095	851.39	10.00	861.39



Name: 319
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 995,209 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682378	-84.215153	851.40	10.00	861.40
2	40.683647	-84.215131	849.84	10.00	859.84
3	40.685185	-84.215121	851.91	10.00	861.91
4	40.685177	-84.216827	855.86	10.00	865.86
5	40.685169	-84.218790	861.54	10.00	871.54
6	40.682362	-84.218801	861.97	10.00	871.97
7	40.682372	-84.217875	860.73	10.00	870.73
8	40.682382	-84.216907	855.60	10.00	865.60



Name: 320
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 811,611 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682361	-84.220484	869.94	10.00	879.94
2	40.683126	-84.221455	871.20	10.00	881.20
3	40.684086	-84.222555	870.30	10.00	880.30
4	40.684355	-84.222587	868.93	10.00	878.93
5	40.684355	-84.221675	863.81	10.00	873.81
6	40.685201	-84.221675	868.50	10.00	878.50
7	40.685181	-84.220152	860.19	10.00	870.19
8	40.685193	-84.218800	861.63	10.00	871.63
9	40.682370	-84.218821	862.07	10.00	872.07



2-Mile Flight Path Receptor(s)

Name: Allen County Airport Runway 10
Description:
Threshold height : 50 ft
Direction: 90.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706950	-84.038757	946.44	50.00	996.44
2-mile point	40.706950	-84.076942	904.00	645.90	1549.90



Name: Allen County Airport Runway 28
Description:
Threshold height : 50 ft
Direction: 270.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706946	-84.017749	975.51	50.00	1025.51
2-mile point	40.706946	-83.979564	980.77	598.20	1578.97



Name: Youngpeter Airport North Approach
Description:
Threshold height : 50 ft
Direction: 0.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.780297	-84.368399	803.72	50.00	853.72
2-mile point	40.751384	-84.368399	808.77	598.41	1407.18



Name: Youngpeter Airport South Approach
Description:
Threshold height : 50 ft
Direction: 180.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.786471	-84.368410	791.74	50.00	841.74
2-mile point	40.815384	-84.368410	782.35	612.85	1395.20



Route Receptor(s)

Name: Bowsher Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.689185	-84.241974	863.49	5.00	868.49
2	40.687578	-84.241958	865.39	5.00	870.39
3	40.684654	-84.241905	869.57	5.00	874.57
4	40.683441	-84.241915	872.13	5.00	877.13
5	40.682294	-84.241899	874.20	5.00	879.20
6	40.681367	-84.241894	873.50	5.00	878.50
7	40.679349	-84.241915	872.91	5.00	877.91
8	40.678535	-84.241889	869.57	5.00	874.57
9	40.677722	-84.241856	866.78	5.00	871.78
10	40.676253	-84.241848	865.16	5.00	870.16
11	40.674825	-84.241840	858.92	5.00	863.92
12	40.673771	-84.241840	854.93	5.00	859.93
13	40.672766	-84.241819	850.26	5.00	855.26
14	40.671961	-84.241819	848.19	5.00	853.19
15	40.671359	-84.241813	848.19	5.00	853.19

Name: CR 121
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671428	-84.222673	846.34	5.00	851.34
2	40.671428	-84.223419	846.40	5.00	851.41
3	40.671415	-84.224508	851.06	5.00	856.06
4	40.671395	-84.225382	851.97	5.00	856.97
5	40.671403	-84.226428	849.44	5.00	854.44
6	40.671391	-84.227083	849.08	5.00	854.08
7	40.671403	-84.227877	849.96	5.00	854.96
8	40.671387	-84.228638	848.02	5.00	853.02
9	40.671395	-84.230167	844.05	5.00	849.05
10	40.671387	-84.230988	844.04	5.00	849.04
11	40.671367	-84.231959	845.29	5.00	850.29
12	40.671375	-84.232973	847.78	5.00	852.78
13	40.671363	-84.234175	851.25	5.00	856.25
14	40.671359	-84.235462	852.70	5.00	857.70
15	40.671363	-84.236776	853.82	5.00	858.82
16	40.671350	-84.239029	854.56	5.00	859.56
17	40.671350	-84.241808	848.18	5.00	853.18

Name: Mobile Home Park Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686023	-84.212172	855.64	5.00	860.64
2	40.685577	-84.212194	853.18	5.00	858.18
3	40.685063	-84.212205	851.85	5.00	856.85
4	40.684471	-84.212221	850.93	5.00	855.93
5	40.683964	-84.212218	848.92	5.00	853.92
6	40.683466	-84.212242	846.35	5.00	851.35
7	40.683067	-84.212221	846.78	5.00	851.78
8	40.682719	-84.212170	847.22	5.00	852.22
9	40.682640	-84.212121	847.69	5.00	852.69

Name: Private Drive
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685999	-84.214849	855.36	5.00	860.36
2	40.685475	-84.214859	851.80	5.00	856.80
3	40.685004	-84.214857	851.80	5.00	856.80
4	40.684662	-84.214861	851.76	5.00	856.76
5	40.684316	-84.214857	850.44	5.00	855.44
6	40.683507	-84.214873	849.06	5.00	854.06
7	40.682600	-84.214872	851.24	5.00	856.24
8	40.681920	-84.214880	850.85	5.00	855.85
9	40.681063	-84.214888	853.07	5.00	858.07
10	40.681014	-84.214863	852.77	5.00	857.77
11	40.680962	-84.214789	852.51	5.00	857.51

Name: South Kemp Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685970	-84.222805	874.03	5.00	879.03
2	40.685024	-84.222802	871.21	5.00	876.21
3	40.683921	-84.222794	872.69	5.00	877.69
4	40.683376	-84.222783	875.06	5.00	880.06
5	40.682589	-84.222775	873.08	5.00	878.08
6	40.681574	-84.222781	869.55	5.00	874.55
7	40.681037	-84.222783	867.34	5.00	872.34
8	40.679733	-84.222774	867.76	5.00	872.76
9	40.679049	-84.222761	864.35	5.00	869.35
10	40.678334	-84.222756	859.43	5.00	864.43
11	40.677482	-84.222746	856.75	5.00	861.75
12	40.677026	-84.222740	855.80	5.00	860.80
13	40.676277	-84.222731	856.01	5.00	861.01
14	40.675519	-84.222727	855.08	5.00	860.08
15	40.674829	-84.222732	852.90	5.00	857.90
16	40.674166	-84.222727	854.48	5.00	859.48
17	40.673393	-84.222722	851.80	5.00	856.80
18	40.672878	-84.222708	850.62	5.00	855.62
19	40.672250	-84.222687	849.14	5.00	854.14
20	40.671151	-84.222676	843.47	5.00	848.47
21	40.670183	-84.222676	842.88	5.00	847.88

Name: S Wapakoneta Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686108	-84.203756	863.93	5.00	868.93
2	40.685427	-84.203755	859.88	5.00	864.88
3	40.684717	-84.203744	857.16	5.00	862.16
4	40.683843	-84.203739	852.37	5.00	857.37
5	40.682971	-84.203725	850.06	5.00	855.06
6	40.681809	-84.203720	848.70	5.00	853.70
7	40.681074	-84.203704	846.77	5.00	851.78
8	40.680339	-84.203700	846.99	5.00	851.99
9	40.679512	-84.203696	844.10	5.00	849.10
10	40.678660	-84.203680	840.91	5.00	845.91
11	40.677829	-84.203666	839.72	5.00	844.72
12	40.676972	-84.203661	841.45	5.00	846.45
13	40.675934	-84.203639	841.01	5.00	846.01
14	40.674681	-84.203627	840.14	5.00	845.14
15	40.674321	-84.203630	839.44	5.00	844.44
16	40.673687	-84.203615	838.85	5.00	843.85
17	40.673213	-84.203610	839.19	5.00	844.19
18	40.672454	-84.203607	839.24	5.00	844.24
19	40.671691	-84.203606	841.32	5.00	846.32
20	40.671060	-84.203591	840.96	5.00	845.96
21	40.670509	-84.203595	839.16	5.00	844.16
22	40.669557	-84.203588	840.63	5.00	845.63
23	40.668048	-84.203574	839.77	5.00	844.77
24	40.666580	-84.203560	841.80	5.00	846.80
25	40.665394	-84.203548	844.11	5.00	849.11
26	40.664283	-84.203556	842.37	5.00	847.37

Name: West Breese Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685934	-84.222757	873.66	5.00	878.66
2	40.685951	-84.219737	867.14	5.00	872.14
3	40.685975	-84.218047	865.15	5.00	870.15
4	40.685975	-84.216095	856.99	5.00	861.99
5	40.686012	-84.214067	856.27	5.00	861.27
6	40.686030	-84.212313	855.72	5.00	860.72
7	40.686044	-84.210381	853.32	5.00	858.32
8	40.686079	-84.208635	850.04	5.00	855.04
9	40.686097	-84.206755	856.18	5.00	861.18
10	40.686130	-84.204416	860.27	5.00	865.27
11	40.686125	-84.203778	863.99	5.00	868.99
12	40.686146	-84.199658	854.95	5.00	859.95
13	40.686158	-84.197298	851.48	5.00	856.48
14	40.686170	-84.195173	849.87	5.00	854.87
15	40.686186	-84.193435	847.87	5.00	852.87

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	ft	ft	ft
OP 1	40.740549	-84.118333	868.53	500.02	1368.56
OP 2	40.735693	-84.086896	885.19	500.02	1385.21
OP 3	40.676707	-84.203284	841.17	25.00	866.18
OP 4	40.675336	-84.203992	839.53	25.00	864.53
OP 5	40.669414	-84.203064	842.79	25.00	867.79
OP 6	40.669097	-84.203976	845.94	25.00	870.94
OP 7	40.664058	-84.201834	840.08	25.00	865.08
OP 8	40.664557	-84.203094	844.89	25.00	869.89
OP 9	40.664675	-84.209668	842.57	25.00	867.57
OP 10	40.679890	-84.204984	846.60	25.00	871.61
OP 11	40.679719	-84.204158	846.00	25.00	871.00
OP 12	40.680150	-84.204094	848.31	25.00	873.32
OP 13	40.680606	-84.204415	844.93	25.00	869.93
OP 14	40.680915	-84.204297	845.37	25.00	870.37
OP 15	40.681495	-84.205144	847.48	25.00	872.48
OP 16	40.682797	-84.205104	850.70	25.00	875.70
OP 17	40.683956	-84.202856	857.02	25.00	882.02
OP 18	40.685591	-84.207879	850.48	25.00	875.48
OP 19	40.686893	-84.210234	849.92	25.00	874.92
OP 20	40.687650	-84.211806	856.97	25.00	881.97
OP 21	40.685600	-84.211548	854.24	25.00	879.24
OP 22	40.686187	-84.215014	856.88	25.00	881.89
OP 23	40.686281	-84.222438	876.38	25.00	901.38
OP 24	40.685500	-84.223208	872.89	25.00	897.89
OP 25	40.683745	-84.226523	882.41	25.00	907.41
OP 26	40.684119	-84.230002	877.36	25.00	902.36
OP 27	40.680360	-84.214311	853.88	25.00	878.88
OP 28	40.682439	-84.212203	847.55	25.00	872.55
OP 29	40.682187	-84.212214	848.33	25.00	873.33
OP 30	40.681495	-84.209151	847.03	25.00	872.03
OP 31	40.678464	-84.218313	856.71	25.00	881.71
OP 32	40.679689	-84.222546	869.21	25.00	894.21
OP 33	40.680836	-84.222342	871.47	25.00	896.47
OP 34	40.681759	-84.223163	873.09	25.00	898.09
OP 35	40.674105	-84.222335	855.29	25.00	880.30
OP 36	40.673112	-84.222239	850.96	25.00	875.96
OP 37	40.671716	-84.224052	850.78	25.00	875.78
OP 38	40.671212	-84.225350	851.40	0.00	851.40
OP 39	40.671191	-84.227968	849.66	25.00	874.67
OP 40	40.671045	-84.229481	846.52	25.00	871.52
OP 41	40.671655	-84.233622	850.92	25.00	875.92
OP 42	40.671053	-84.238509	855.44	25.00	880.44
OP 43	40.679894	-84.240707	872.64	25.00	897.64
OP 44	40.682972	-84.241540	874.04	25.00	899.04
OP 45	40.674500	-84.241385	864.35	25.00	889.35

PV Array Results

Summary of PV Glare Analysis PV configuration and predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
301	SA tracking	SA tracking	0	0	-	-
302	SA tracking	SA tracking	0	0	-	-
303	SA tracking	SA tracking	0	0	-	-
304	SA tracking	SA tracking	0	0	-	-
305	SA tracking	SA tracking	0	0	-	-
306	SA tracking	SA tracking	0	0	-	-
307	SA tracking	SA tracking	0	0	-	-
308	SA tracking	SA tracking	0	0	-	-
309	SA tracking	SA tracking	0	0	-	-
310	SA tracking	SA tracking	0	0	-	-
311	SA tracking	SA tracking	0	0	-	-
312	SA tracking	SA tracking	0	0	-	-
313	SA tracking	SA tracking	0	0	-	-
314	SA tracking	SA tracking	0	0	-	-
315	SA tracking	SA tracking	0	0	-	-
316	SA tracking	SA tracking	0	0	-	-
317	SA tracking	SA tracking	0	0	-	-
318	SA tracking	SA tracking	0	0	-	-
319	SA tracking	SA tracking	0	0	-	-
320	SA tracking	SA tracking	0	0	-	-

Click the name of the PV array to scroll to its results

PV & Receptor Analysis Results detailed results for each PV array and receptor

301 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

302 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

303 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

304 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

305 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

306 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

307 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

308 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

309 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

310 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

311 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

312 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

313 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

314 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

315 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

316 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

317 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

318 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

319 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

320 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results for large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Glare vector plots are simplified representations of analysis data. Actual glare emanations and results may differ.
- Glare analysis methods used: OP V1, FP V1, Route V1
- Refer to the **Help page** for assumptions and limitations not listed here.

Site Configuration: Block 3 9 ft veh 5 ft pan

Project site configuration details and results.

Created **Jan. 13, 2021 3:33 p.m.**
Updated **Jan. 13, 2021 10:46 p.m.**
DNI **varies** and peaks at **1,000.0 W/m^2**
Analyze every **1** minute(s)
0.5 ocular transmission coefficient
0.002 m pupil diameter
0.017 m eye focal length
9.3 mrad sun subtended angle
Timezone **UTC-5**
Site Configuration ID: 48024.8653

Summary of Results No glare predicted!

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
301	SA tracking	SA tracking	0	0	-
302	SA tracking	SA tracking	0	0	-
303	SA tracking	SA tracking	0	0	-
304	SA tracking	SA tracking	0	0	-
305	SA tracking	SA tracking	0	0	-
306	SA tracking	SA tracking	0	0	-
307	SA tracking	SA tracking	0	0	-
308	SA tracking	SA tracking	0	0	-
309	SA tracking	SA tracking	0	0	-
310	SA tracking	SA tracking	0	0	-
311	SA tracking	SA tracking	0	0	-
312	SA tracking	SA tracking	0	0	-
313	SA tracking	SA tracking	0	0	-
314	SA tracking	SA tracking	0	0	-
315	SA tracking	SA tracking	0	0	-
316	SA tracking	SA tracking	0	0	-
317	SA tracking	SA tracking	0	0	-
318	SA tracking	SA tracking	0	0	-
319	SA tracking	SA tracking	0	0	-
320	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Name: 301
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,016,565 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678627	-84.207862	839.94	5.00	844.94
2	40.678641	-84.206001	838.20	5.00	843.20
3	40.678671	-84.204268	839.98	5.00	844.98
4	40.678419	-84.204258	839.06	5.00	844.06
5	40.678423	-84.203963	838.74	5.00	843.74
6	40.677858	-84.203973	837.56	5.00	842.56
7	40.677849	-84.204451	838.02	5.00	843.02
8	40.676893	-84.204461	839.01	5.00	844.02
9	40.676051	-84.204472	839.93	5.00	844.93
10	40.676051	-84.205250	839.90	5.00	844.90
11	40.675714	-84.205250	840.39	5.00	845.39
12	40.675701	-84.207873	835.23	5.00	840.23
13	40.677123	-84.207868	837.69	5.00	842.69

Name: 302
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 532,742 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.681914	-84.214701	850.19	5.00	855.19
2	40.681930	-84.213435	847.46	5.00	852.46
3	40.683049	-84.213419	846.86	5.00	851.87
4	40.684005	-84.213403	847.69	5.00	852.69
5	40.684005	-84.212395	848.97	5.00	853.97
6	40.685185	-84.212352	850.92	5.00	855.92
7	40.685176	-84.213510	851.69	5.00	856.69
8	40.685168	-84.214669	850.70	5.00	855.70
9	40.683476	-84.214707	848.26	5.00	853.26

Name: 303
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 702,135 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.673118	-84.210514	833.73	5.00	838.73
2	40.673112	-84.208821	836.97	5.00	841.97
3	40.673122	-84.207322	835.07	5.00	840.07
4	40.673124	-84.205694	835.71	5.00	840.71
5	40.673126	-84.204280	835.54	5.00	840.54
6	40.671922	-84.204334	835.07	5.00	840.07
7	40.671936	-84.205780	835.88	5.00	840.88
8	40.671950	-84.207333	833.38	5.00	838.38
9	40.671948	-84.208886	832.85	5.00	837.85
10	40.671962	-84.210546	832.53	5.00	837.53

Name: 304
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,045,121 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682027	-84.235468	876.04	5.00	881.04
2	40.682043	-84.233215	866.25	5.00	871.25
3	40.680538	-84.233237	861.60	5.00	866.60
4	40.679114	-84.233237	857.23	5.00	862.23
5	40.679122	-84.234030	858.88	5.00	863.88
6	40.679830	-84.234030	866.47	5.00	871.47
7	40.679822	-84.234535	867.61	5.00	872.61
8	40.679147	-84.234513	859.55	5.00	864.55
9	40.679147	-84.234760	860.15	5.00	865.15
10	40.678683	-84.234771	856.97	5.00	861.97
11	40.678658	-84.236155	859.32	5.00	864.32
12	40.678121	-84.236166	860.28	5.00	865.28
13	40.678146	-84.237002	856.34	5.00	861.34
14	40.679484	-84.236976	859.47	5.00	864.47
15	40.680839	-84.236970	862.96	5.00	867.96
16	40.680855	-84.236005	866.64	5.00	871.64
17	40.681303	-84.235468	873.54	5.00	878.55

Name: 305
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,007,311 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682059	-84.233247	866.31	5.00	871.31
2	40.682051	-84.232453	865.42	5.00	870.42
3	40.680831	-84.232453	861.63	5.00	866.63
4	40.680839	-84.231295	862.36	5.00	867.36
5	40.680847	-84.230222	863.27	5.00	868.27
6	40.682214	-84.230168	876.38	5.00	881.38
7	40.682206	-84.229546	874.46	5.00	879.46
8	40.678602	-84.229557	858.28	5.00	863.28
9	40.678602	-84.231289	860.76	5.00	865.76
10	40.678602	-84.233194	855.98	5.00	860.98
11	40.680208	-84.233242	861.38	5.00	866.38

Name: 306
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 970,765 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.680953	-84.229514	866.37	5.00	871.37
2	40.680961	-84.228417	866.69	5.00	871.69
3	40.680969	-84.227169	866.65	5.00	871.65
4	40.680969	-84.225804	863.91	5.00	868.91
5	40.680969	-84.224761	864.70	5.00	869.70
6	40.679916	-84.224568	860.77	5.00	865.77
7	40.678943	-84.224375	858.80	5.00	863.80
8	40.678955	-84.226939	857.36	5.00	862.36
9	40.678968	-84.229589	858.26	5.00	863.26
10	40.679928	-84.229551	859.66	5.00	864.66
11	40.680424	-84.229532	861.82	5.00	866.82

Name: 307
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 581,174 sq-ft



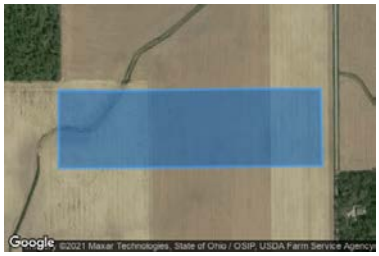
Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682222	-84.229546	874.50	5.00	879.50
2	40.682200	-84.228288	872.17	5.00	877.17
3	40.682226	-84.227073	874.30	5.00	879.30
4	40.682245	-84.225911	870.12	5.00	875.12
5	40.682263	-84.224750	870.97	5.00	875.97
6	40.680969	-84.224771	864.74	5.00	869.74
7	40.680967	-84.225962	864.18	5.00	869.18
8	40.680981	-84.227046	866.18	5.00	871.18
9	40.680979	-84.228237	867.88	5.00	872.88
10	40.680977	-84.229535	866.57	5.00	871.57

Name: 308
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 931,977 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678154	-84.229910	856.99	5.00	861.99
2	40.678174	-84.228102	852.78	5.00	857.78
3	40.678194	-84.226401	853.03	5.00	858.03
4	40.678215	-84.224626	856.69	5.00	861.69
5	40.678235	-84.223043	858.86	5.00	863.86
6	40.677470	-84.223065	857.08	5.00	862.08
7	40.676705	-84.223086	857.12	5.00	862.12
8	40.676726	-84.224631	864.21	5.00	869.21
9	40.676697	-84.226412	860.57	5.00	865.57
10	40.676693	-84.228064	850.08	5.00	855.08
11	40.676689	-84.229824	852.43	5.00	857.43

Name: 309
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 988,356 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676722	-84.223150	857.40	5.00	862.40
2	40.676722	-84.225017	863.77	5.00	868.77
3	40.676705	-84.226627	859.59	5.00	864.59
4	40.676681	-84.228365	848.95	5.00	853.95
5	40.676689	-84.229953	852.45	5.00	857.45
6	40.675965	-84.229953	847.41	5.00	852.41
7	40.675159	-84.229953	848.16	5.00	853.16
8	40.675176	-84.226584	854.76	5.00	859.76
9	40.675208	-84.223108	853.86	5.00	858.86
10	40.675924	-84.223129	858.46	5.00	863.46

Name: 310
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,017,162 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676689	-84.229953	852.45	5.00	857.45
2	40.676689	-84.231519	852.55	5.00	857.55
3	40.676689	-84.233193	851.10	5.00	856.10
4	40.675363	-84.233160	847.09	5.00	852.09
5	40.674101	-84.233128	845.19	5.00	850.19
6	40.673678	-84.232163	844.45	5.00	849.45
7	40.673540	-84.231101	844.13	5.00	849.13
8	40.673467	-84.230382	845.00	5.00	850.00
9	40.672287	-84.230446	844.14	5.00	849.14
10	40.672287	-84.229985	845.32	5.00	850.32
11	40.673625	-84.229958	845.58	5.00	850.58
12	40.675127	-84.229931	848.26	5.00	853.26
13	40.675827	-84.229953	847.38	5.00	852.38

Name: 311
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,022,190 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.675152	-84.229943	848.19	5.00	853.19
2	40.673760	-84.229943	845.76	5.00	850.76
3	40.672287	-84.229964	845.34	5.00	850.34
4	40.672275	-84.228645	847.37	5.00	852.37
5	40.672269	-84.227405	851.05	5.00	856.05
6	40.672247	-84.226392	850.91	5.00	855.91
7	40.673772	-84.226397	853.32	5.00	858.32
8	40.675184	-84.226359	854.92	5.00	859.92
9	40.675176	-84.227502	855.16	5.00	860.16
10	40.675168	-84.228280	852.95	5.00	857.95

Name: 312
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,002,203 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678622	-84.207852	839.88	5.00	844.89
2	40.678618	-84.208951	844.62	5.00	849.62
3	40.678614	-84.210287	840.16	5.00	845.16
4	40.678618	-84.211634	846.83	5.00	851.83
5	40.678622	-84.212851	851.06	5.00	856.06
6	40.677858	-84.212900	850.39	5.00	855.39
7	40.677858	-84.212444	848.80	5.00	853.80
8	40.676409	-84.212476	844.02	5.00	849.02
9	40.676426	-84.210365	843.37	5.00	848.37
10	40.676409	-84.207868	835.99	5.00	840.99
11	40.677540	-84.207860	839.74	5.00	844.74

Name: 313
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,049,747 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.675184	-84.226381	854.89	5.00	859.89
2	40.675204	-84.224670	857.93	5.00	862.93
3	40.675225	-84.223109	853.91	5.00	858.91
4	40.674397	-84.223135	854.25	5.00	859.25
5	40.673610	-84.223141	852.53	5.00	857.53
6	40.672810	-84.223146	849.91	5.00	854.91
7	40.672027	-84.223151	847.49	5.00	852.49
8	40.672027	-84.224696	848.57	5.00	853.57
9	40.671807	-84.224696	850.09	5.00	855.09
10	40.671807	-84.226402	849.91	5.00	854.91
11	40.673447	-84.226392	851.99	5.00	856.99

Name: 314
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,037,986 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.674184	-84.212161	842.15	5.00	847.15
2	40.674184	-84.210375	833.95	5.00	838.95
3	40.674546	-84.210375	836.18	5.00	841.18
4	40.674554	-84.209613	833.70	5.00	838.70
5	40.675238	-84.209624	836.03	5.00	841.03
6	40.675266	-84.207872	835.11	5.00	840.11
7	40.675278	-84.206228	834.55	5.00	839.55
8	40.675714	-84.206271	836.17	5.00	841.17
9	40.675720	-84.207033	835.85	5.00	840.85
10	40.675710	-84.207880	835.23	5.00	840.23
11	40.676417	-84.207880	836.00	5.00	841.00
12	40.676404	-84.210133	844.94	5.00	849.94
13	40.676407	-84.212472	843.93	5.00	848.93
14	40.676467	-84.213057	847.63	5.00	852.63
15	40.676688	-84.213465	847.84	5.00	852.84
16	40.676690	-84.213888	848.73	5.00	853.73
17	40.675209	-84.213883	845.89	5.00	850.89
18	40.675201	-84.212124	845.69	5.00	850.69

Name: 315
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,059,478 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676706	-84.213470	847.88	5.00	852.88
2	40.677353	-84.213449	847.83	5.00	852.83
3	40.677353	-84.213009	848.31	5.00	853.31
4	40.677841	-84.212998	850.16	5.00	855.16
5	40.677839	-84.214208	852.00	5.00	857.00
6	40.677837	-84.215439	850.80	5.00	855.80
7	40.678763	-84.215412	856.50	5.00	861.50
8	40.679705	-84.215385	856.06	5.00	861.06
9	40.679696	-84.216855	858.95	5.00	863.95
10	40.679440	-84.216866	857.45	5.00	862.45
11	40.679444	-84.217236	857.38	5.00	862.38
12	40.678448	-84.217280	857.36	5.00	862.36
13	40.677630	-84.217260	849.18	5.00	854.18
14	40.676723	-84.217272	846.04	5.00	851.04
15	40.675897	-84.217284	846.74	5.00	851.74
16	40.675909	-84.215568	844.06	5.00	849.06
17	40.675919	-84.213891	846.84	5.00	851.84
18	40.676687	-84.213876	848.73	5.00	853.73

Name: 316
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,067,964 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.675909	-84.213893	846.83	5.00	851.83
2	40.675213	-84.213888	845.91	5.00	850.91
3	40.675208	-84.215627	842.21	5.00	847.21
4	40.675219	-84.217410	842.85	5.00	847.85
5	40.675230	-84.219160	842.70	5.00	847.70
6	40.675241	-84.221039	844.89	5.00	849.89
7	40.675693	-84.221060	845.76	5.00	850.76
8	40.675685	-84.221798	849.09	5.00	854.09
9	40.675677	-84.222557	854.70	5.00	859.70
10	40.676525	-84.222570	853.75	5.00	858.75
11	40.677422	-84.222562	854.19	5.00	859.19
12	40.677402	-84.221688	854.06	5.00	859.06
13	40.677398	-84.220760	853.35	5.00	858.35
14	40.677398	-84.219703	852.17	5.00	857.17
15	40.677402	-84.219204	852.59	5.00	857.59
16	40.676137	-84.219231	846.57	5.00	851.58
17	40.676145	-84.217294	846.42	5.00	851.42
18	40.675888	-84.217289	846.75	5.00	851.75

Name: 317
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 387,326 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.677398	-84.219703	852.17	5.00	857.17
2	40.678854	-84.219682	859.42	5.00	864.42
3	40.678844	-84.221068	864.11	5.00	869.11
4	40.678850	-84.222519	862.47	5.00	867.47
5	40.678122	-84.222533	856.80	5.00	861.80
6	40.677426	-84.222546	854.19	5.00	859.19



Name: 318
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,052,493 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682357	-84.220449	869.86	5.00	874.86
2	40.681126	-84.220463	867.48	5.00	872.48
3	40.679993	-84.220476	867.16	5.00	872.16
4	40.680059	-84.219003	866.24	5.00	871.24
5	40.680026	-84.217660	863.27	5.00	868.27
6	40.680315	-84.217665	862.75	5.00	867.75
7	40.680315	-84.216978	860.84	5.00	865.84
8	40.680901	-84.216962	860.89	5.00	865.89
9	40.680909	-84.216013	857.63	5.00	862.63
10	40.681198	-84.216013	858.54	5.00	863.54
11	40.681198	-84.215117	854.37	5.00	859.37
12	40.682377	-84.215095	851.39	5.00	856.39



Name: 319
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 995,209 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682378	-84.215153	851.40	5.00	856.40
2	40.683647	-84.215131	849.84	5.00	854.84
3	40.685185	-84.215121	851.91	5.00	856.91
4	40.685177	-84.216827	855.86	5.00	860.86
5	40.685169	-84.218790	861.54	5.00	866.54
6	40.682362	-84.218801	861.97	5.00	866.97
7	40.682372	-84.217875	860.73	5.00	865.73
8	40.682382	-84.216907	855.60	5.00	860.60



Name: 320
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 811,611 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682361	-84.220484	869.94	5.00	874.94
2	40.683126	-84.221455	871.20	5.00	876.20
3	40.684086	-84.222555	870.30	5.00	875.30
4	40.684355	-84.222587	868.93	5.00	873.93
5	40.684355	-84.221675	863.81	5.00	868.81
6	40.685201	-84.221675	868.50	5.00	873.50
7	40.685181	-84.220152	860.19	5.00	865.19
8	40.685193	-84.218800	861.63	5.00	866.63
9	40.682370	-84.218821	862.07	5.00	867.07



2-Mile Flight Path Receptor(s)

Name: Allen County Airport Runway 10
Description:
Threshold height : 50 ft
Direction: 90.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706950	-84.038757	946.44	50.00	996.44
2-mile point	40.706950	-84.076942	904.00	645.90	1549.90



Name: Allen County Airport Runway 28
Description:
Threshold height : 50 ft
Direction: 270.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706946	-84.017749	975.51	50.00	1025.51
2-mile point	40.706946	-83.979564	980.77	598.20	1578.97



Name: Youngpeter Airport North Approach
Description:
Threshold height : 50 ft
Direction: 0.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.780297	-84.368399	803.72	50.00	853.72
2-mile point	40.751384	-84.368399	808.77	598.41	1407.18



Name: Youngpeter Airport South Approach
Description:
Threshold height : 50 ft
Direction: 180.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.786471	-84.368410	791.74	50.00	841.74
2-mile point	40.815384	-84.368410	782.35	612.85	1395.20



Route Receptor(s)

Name: Bowsher Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.689185	-84.241974	863.49	9.00	872.49
2	40.687578	-84.241958	865.39	9.00	874.39
3	40.684654	-84.241905	869.57	9.00	878.57
4	40.683441	-84.241915	872.13	9.00	881.13
5	40.682294	-84.241899	874.20	9.00	883.20
6	40.681367	-84.241894	873.50	9.00	882.50
7	40.679349	-84.241915	872.91	9.00	881.91
8	40.678535	-84.241889	869.57	9.00	878.57
9	40.677722	-84.241856	866.78	9.00	875.78
10	40.676253	-84.241848	865.16	9.00	874.16
11	40.674825	-84.241840	858.92	9.00	867.92
12	40.673771	-84.241840	854.93	9.00	863.93
13	40.672766	-84.241819	850.26	9.00	859.26
14	40.671961	-84.241819	848.19	9.00	857.19
15	40.671359	-84.241813	848.19	9.00	857.19

Name: CR 121
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671428	-84.222673	846.34	9.00	855.34
2	40.671428	-84.223419	846.40	9.00	855.41
3	40.671415	-84.224508	851.06	9.00	860.06
4	40.671395	-84.225382	851.97	9.00	860.97
5	40.671403	-84.226428	849.44	9.00	858.44
6	40.671391	-84.227083	849.08	9.00	858.08
7	40.671403	-84.227877	849.96	9.00	858.96
8	40.671387	-84.228638	848.02	9.00	857.02
9	40.671395	-84.230167	844.05	9.00	853.05
10	40.671387	-84.230988	844.04	9.00	853.04
11	40.671367	-84.231959	845.29	9.00	854.29
12	40.671375	-84.232973	847.78	9.00	856.78
13	40.671363	-84.234175	851.25	9.00	860.25
14	40.671359	-84.235462	852.70	9.00	861.70
15	40.671363	-84.236776	853.82	9.00	862.82
16	40.671350	-84.239029	854.56	9.00	863.56
17	40.671350	-84.241830	847.94	9.00	856.94

Name: Mobile Home Park Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686023	-84.212172	855.64	9.00	864.64
2	40.685577	-84.212194	853.18	9.00	862.18
3	40.685063	-84.212205	851.85	9.00	860.85
4	40.684471	-84.212221	850.93	9.00	859.93
5	40.683964	-84.212218	848.92	9.00	857.92
6	40.683466	-84.212242	846.35	9.00	855.35
7	40.683067	-84.212221	846.78	9.00	855.78
8	40.682719	-84.212170	847.22	9.00	856.22
9	40.682640	-84.212121	847.69	9.00	856.69

Name: Private Drive
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685999	-84.214849	855.36	9.00	864.36
2	40.685475	-84.214859	851.80	9.00	860.80
3	40.685004	-84.214857	851.80	9.00	860.80
4	40.684662	-84.214861	851.76	9.00	860.76
5	40.684316	-84.214857	850.44	9.00	859.44
6	40.683507	-84.214873	849.06	9.00	858.06
7	40.682600	-84.214872	851.24	9.00	860.24
8	40.681920	-84.214880	850.85	9.00	859.85
9	40.681063	-84.214888	853.07	9.00	862.07
10	40.681014	-84.214863	852.77	9.00	861.77
11	40.680962	-84.214789	852.51	9.00	861.51

Name: South Kemp Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685970	-84.222805	874.03	9.00	883.03
2	40.685024	-84.222802	871.21	9.00	880.21
3	40.683921	-84.222794	872.69	9.00	881.69
4	40.683376	-84.222783	875.06	9.00	884.06
5	40.682589	-84.222775	873.08	9.00	882.08
6	40.681574	-84.222781	869.55	9.00	878.55
7	40.681037	-84.222783	867.34	9.00	876.34
8	40.679733	-84.222774	867.76	9.00	876.76
9	40.679049	-84.222761	864.35	9.00	873.35
10	40.678334	-84.222756	859.43	9.00	868.43
11	40.677482	-84.222746	856.75	9.00	865.75
12	40.677026	-84.222740	855.80	9.00	864.80
13	40.676277	-84.222731	856.01	9.00	865.01
14	40.675519	-84.222727	855.08	9.00	864.08
15	40.674829	-84.222732	852.90	9.00	861.90
16	40.674166	-84.222727	854.48	9.00	863.48
17	40.673393	-84.222722	851.80	9.00	860.80
18	40.672878	-84.222708	850.62	9.00	859.62
19	40.672250	-84.222687	849.14	9.00	858.14
20	40.671151	-84.222676	843.47	9.00	852.47
21	40.670183	-84.222676	842.88	9.00	851.88

Name: S Wapakoneta Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686108	-84.203756	863.93	9.00	872.93
2	40.685427	-84.203755	859.88	9.00	868.88
3	40.684717	-84.203744	857.16	9.00	866.16
4	40.683843	-84.203739	852.37	9.00	861.37
5	40.682971	-84.203725	850.06	9.00	859.06
6	40.681809	-84.203720	848.70	9.00	857.70
7	40.681074	-84.203704	846.77	9.00	855.78
8	40.680339	-84.203700	846.99	9.00	855.99
9	40.679512	-84.203696	844.10	9.00	853.10
10	40.678660	-84.203680	840.91	9.00	849.91
11	40.677829	-84.203666	839.72	9.00	848.72
12	40.676972	-84.203661	841.45	9.00	850.45
13	40.675934	-84.203639	841.01	9.00	850.01
14	40.674681	-84.203627	840.14	9.00	849.14
15	40.674321	-84.203630	839.44	9.00	848.44
16	40.673687	-84.203615	838.85	9.00	847.85
17	40.673213	-84.203610	839.19	9.00	848.19
18	40.672454	-84.203607	839.24	9.00	848.24
19	40.671691	-84.203606	841.32	9.00	850.32
20	40.671060	-84.203591	840.96	9.00	849.96
21	40.670509	-84.203595	839.16	9.00	848.16
22	40.669557	-84.203588	840.63	9.00	849.63
23	40.668048	-84.203574	839.77	9.00	848.77
24	40.666580	-84.203560	841.80	9.00	850.80
25	40.665394	-84.203548	844.11	9.00	853.11
26	40.664283	-84.203556	842.37	9.00	851.37

Name: West Breese Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685934	-84.222757	873.66	9.00	882.66
2	40.685951	-84.219737	867.14	9.00	876.14
3	40.685975	-84.218047	865.15	9.00	874.15
4	40.685975	-84.216095	856.99	9.00	865.99
5	40.686012	-84.214067	856.27	9.00	865.27
6	40.686030	-84.212313	855.72	9.00	864.72
7	40.686044	-84.210381	853.32	9.00	862.32
8	40.686079	-84.208635	850.04	9.00	859.04
9	40.686097	-84.206755	856.18	9.00	865.18
10	40.686130	-84.204416	860.27	9.00	869.27
11	40.686125	-84.203778	863.99	9.00	872.99
12	40.686146	-84.199658	854.95	9.00	863.95
13	40.686158	-84.197298	851.48	9.00	860.48
14	40.686170	-84.195173	849.87	9.00	858.87
15	40.686186	-84.193435	847.87	9.00	856.87

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	ft	ft	ft
OP 1	40.740549	-84.118333	868.53	500.02	1368.56
OP 2	40.735693	-84.086896	885.19	500.02	1385.21
OP 3	40.676707	-84.203284	841.17	25.00	866.18
OP 4	40.675336	-84.203992	839.53	25.00	864.53
OP 5	40.669414	-84.203064	842.79	25.00	867.79
OP 6	40.669097	-84.203976	845.94	25.00	870.94
OP 7	40.664058	-84.201834	840.08	25.00	865.08
OP 8	40.664557	-84.203094	844.89	25.00	869.89
OP 9	40.664675	-84.209668	842.57	25.00	867.57
OP 10	40.679890	-84.204984	846.60	25.00	871.61
OP 11	40.679719	-84.204158	846.00	25.00	871.00
OP 12	40.680150	-84.204094	848.31	25.00	873.32
OP 13	40.680606	-84.204415	844.93	25.00	869.93
OP 14	40.680915	-84.204297	845.37	25.00	870.37
OP 15	40.681495	-84.205144	847.48	25.00	872.48
OP 16	40.682797	-84.205104	850.70	25.00	875.70
OP 17	40.683956	-84.202856	857.02	25.00	882.02
OP 18	40.685591	-84.207879	850.48	25.00	875.48
OP 19	40.686893	-84.210234	849.92	25.00	874.92
OP 20	40.687650	-84.211806	856.97	25.00	881.97
OP 21	40.685600	-84.211548	854.24	25.00	879.24
OP 22	40.686187	-84.215014	856.88	25.00	881.89
OP 23	40.686281	-84.222438	876.38	25.00	901.38
OP 24	40.685500	-84.223208	872.89	25.00	897.89
OP 25	40.683745	-84.226523	882.41	25.00	907.41
OP 26	40.684119	-84.230002	877.36	25.00	902.36
OP 27	40.680360	-84.214311	853.88	25.00	878.88
OP 28	40.682439	-84.212203	847.55	25.00	872.55
OP 29	40.682187	-84.212214	848.33	25.00	873.33
OP 30	40.681495	-84.209151	847.03	25.00	872.03
OP 31	40.678464	-84.218313	856.71	25.00	881.71
OP 32	40.679689	-84.222546	869.21	25.00	894.21
OP 33	40.680836	-84.222342	871.47	25.00	896.47
OP 34	40.681759	-84.223163	873.09	25.00	898.09
OP 35	40.674105	-84.222335	855.29	25.00	880.30
OP 36	40.673112	-84.222239	850.96	25.00	875.96
OP 37	40.671716	-84.224052	850.78	25.00	875.78
OP 38	40.671212	-84.225350	851.40	0.00	851.40
OP 39	40.671191	-84.227968	849.66	25.00	874.67
OP 40	40.671045	-84.229481	846.52	25.00	871.52
OP 41	40.671655	-84.233622	850.92	25.00	875.92
OP 42	40.671053	-84.238509	855.44	25.00	880.44
OP 43	40.679894	-84.240707	872.64	25.00	897.64
OP 44	40.682972	-84.241540	874.04	25.00	899.04
OP 45	40.674500	-84.241385	864.35	25.00	889.35

PV Array Results

Summary of PV Glare Analysis PV configuration and predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
301	SA tracking	SA tracking	0	0	-	-
302	SA tracking	SA tracking	0	0	-	-
303	SA tracking	SA tracking	0	0	-	-
304	SA tracking	SA tracking	0	0	-	-
305	SA tracking	SA tracking	0	0	-	-
306	SA tracking	SA tracking	0	0	-	-
307	SA tracking	SA tracking	0	0	-	-
308	SA tracking	SA tracking	0	0	-	-
309	SA tracking	SA tracking	0	0	-	-
310	SA tracking	SA tracking	0	0	-	-
311	SA tracking	SA tracking	0	0	-	-
312	SA tracking	SA tracking	0	0	-	-
313	SA tracking	SA tracking	0	0	-	-
314	SA tracking	SA tracking	0	0	-	-
315	SA tracking	SA tracking	0	0	-	-
316	SA tracking	SA tracking	0	0	-	-
317	SA tracking	SA tracking	0	0	-	-
318	SA tracking	SA tracking	0	0	-	-
319	SA tracking	SA tracking	0	0	-	-
320	SA tracking	SA tracking	0	0	-	-

Click the name of the PV array to scroll to its results

PV & Receptor Analysis Results detailed results for each PV array and receptor

301 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

302 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

303 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

304 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

305 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

306 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

307 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

308 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

309 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

310 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

311 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

312 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

313 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

314 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

315 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

316 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

317 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

318 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

319 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

320 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results for large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Glare vector plots are simplified representations of analysis data. Actual glare emanations and results may differ.
- Glare analysis methods used: OP V1, FP V1, Route V1
- Refer to the **Help page** for assumptions and limitations not listed here.

Site Configuration: Block 3 9 ft veh 10 ft pan

Project site configuration details and results.

Created **Jan. 13, 2021 3:37 p.m.**
Updated **Jan. 14, 2021 6:25 p.m.**
DNI **varies** and peaks at **1,000.0 W/m^2**
Analyze every **1** minute(s)
0.5 ocular transmission coefficient
0.002 m pupil diameter
0.017 m eye focal length
9.3 mrad sun subtended angle
Timezone **UTC-5**
Site Configuration ID: 48025.8653

Summary of Results No glare predicted!

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
301	SA tracking	SA tracking	0	0	-
302	SA tracking	SA tracking	0	0	-
303	SA tracking	SA tracking	0	0	-
304	SA tracking	SA tracking	0	0	-
305	SA tracking	SA tracking	0	0	-
306	SA tracking	SA tracking	0	0	-
307	SA tracking	SA tracking	0	0	-
308	SA tracking	SA tracking	0	0	-
309	SA tracking	SA tracking	0	0	-
310	SA tracking	SA tracking	0	0	-
311	SA tracking	SA tracking	0	0	-
312	SA tracking	SA tracking	0	0	-
313	SA tracking	SA tracking	0	0	-
314	SA tracking	SA tracking	0	0	-
315	SA tracking	SA tracking	0	0	-
316	SA tracking	SA tracking	0	0	-
317	SA tracking	SA tracking	0	0	-
318	SA tracking	SA tracking	0	0	-
319	SA tracking	SA tracking	0	0	-
320	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Name: 301
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,016,565 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678627	-84.207862	839.94	10.00	849.94
2	40.678641	-84.206001	838.20	10.00	848.20
3	40.678671	-84.204268	839.98	10.00	849.98
4	40.678419	-84.204258	839.06	10.00	849.06
5	40.678423	-84.203963	838.74	10.00	848.74
6	40.677858	-84.203973	837.56	10.00	847.56
7	40.677849	-84.204451	838.02	10.00	848.02
8	40.676893	-84.204461	839.01	10.00	849.02
9	40.676051	-84.204472	839.93	10.00	849.93
10	40.676051	-84.205250	839.90	10.00	849.90
11	40.675714	-84.205250	840.39	10.00	850.39
12	40.675701	-84.207873	835.23	10.00	845.23
13	40.677123	-84.207868	837.69	10.00	847.69

Name: 302
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 532,742 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.681914	-84.214701	850.19	10.00	860.19
2	40.681930	-84.213435	847.46	10.00	857.46
3	40.683049	-84.213419	846.86	10.00	856.87
4	40.684005	-84.213403	847.69	10.00	857.69
5	40.684005	-84.212395	848.97	10.00	858.97
6	40.685185	-84.212352	850.92	10.00	860.92
7	40.685176	-84.213510	851.69	10.00	861.69
8	40.685168	-84.214669	850.70	10.00	860.70
9	40.683476	-84.214707	848.26	10.00	858.26

Name: 303
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 702,135 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.673118	-84.210514	833.73	10.00	843.73
2	40.673112	-84.208821	836.97	10.00	846.97
3	40.673122	-84.207322	835.07	10.00	845.07
4	40.673124	-84.205694	835.71	10.00	845.71
5	40.673126	-84.204280	835.54	10.00	845.54
6	40.671922	-84.204334	835.07	10.00	845.07
7	40.671936	-84.205780	835.88	10.00	845.88
8	40.671950	-84.207333	833.38	10.00	843.38
9	40.671948	-84.208886	832.85	10.00	842.85
10	40.671962	-84.210546	832.53	10.00	842.53

Name: 304
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,047,327 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682027	-84.235468	876.04	10.00	886.04
2	40.682043	-84.233215	866.25	10.00	876.25
3	40.680538	-84.233237	861.60	10.00	871.60
4	40.679114	-84.233237	857.23	10.00	867.23
5	40.679122	-84.234030	858.88	10.00	868.88
6	40.679830	-84.234030	866.47	10.00	876.47
7	40.679822	-84.234470	868.34	10.00	878.34
8	40.679147	-84.234513	859.55	10.00	869.55
9	40.679147	-84.234760	860.15	10.00	870.15
10	40.678683	-84.234771	856.97	10.00	866.97
11	40.678658	-84.236155	859.32	10.00	869.32
12	40.678121	-84.236166	860.28	10.00	870.28
13	40.678146	-84.237002	856.34	10.00	866.34
14	40.679484	-84.236976	859.47	10.00	869.47
15	40.680839	-84.236970	862.96	10.00	872.96
16	40.680855	-84.236005	866.64	10.00	876.64
17	40.681303	-84.235468	873.54	10.00	883.55

Name: 305
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,007,229 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682059	-84.233247	866.31	10.00	876.31
2	40.682051	-84.232453	865.42	10.00	875.42
3	40.680831	-84.232453	861.63	10.00	871.63
4	40.680839	-84.231273	862.45	10.00	872.45
5	40.680847	-84.230222	863.27	10.00	873.27
6	40.682214	-84.230168	876.38	10.00	886.38
7	40.682206	-84.229546	874.46	10.00	884.46
8	40.678602	-84.229557	858.28	10.00	868.28
9	40.678602	-84.231289	860.76	10.00	870.76
10	40.678602	-84.233194	855.98	10.00	865.98
11	40.680208	-84.233242	861.38	10.00	871.39

Name: 306
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 970,765 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.680953	-84.229514	866.37	10.00	876.37
2	40.680961	-84.228417	866.69	10.00	876.69
3	40.680969	-84.227169	866.65	10.00	876.65
4	40.680969	-84.225804	863.91	10.00	873.91
5	40.680969	-84.224761	864.70	10.00	874.70
6	40.679916	-84.224568	860.77	10.00	870.77
7	40.678943	-84.224375	858.80	10.00	868.80
8	40.678955	-84.226939	857.36	10.00	867.36
9	40.678968	-84.229589	858.26	10.00	868.26
10	40.679928	-84.229551	859.66	10.00	869.66
11	40.680424	-84.229532	861.82	10.00	871.82

Name: 307
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 581,174 sq-ft



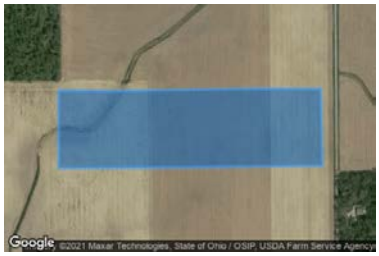
Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682222	-84.229546	874.50	10.00	884.50
2	40.682200	-84.228288	872.17	10.00	882.17
3	40.682226	-84.227073	874.30	10.00	884.30
4	40.682245	-84.225911	870.12	10.00	880.12
5	40.682263	-84.224750	870.97	10.00	880.97
6	40.680969	-84.224771	864.74	10.00	874.74
7	40.680967	-84.225962	864.18	10.00	874.18
8	40.680981	-84.227046	866.18	10.00	876.18
9	40.680979	-84.228237	867.88	10.00	877.88
10	40.680977	-84.229535	866.57	10.00	876.57

Name: 308
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 931,977 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678154	-84.229910	856.99	10.00	866.99
2	40.678174	-84.228102	852.78	10.00	862.78
3	40.678194	-84.226401	853.03	10.00	863.03
4	40.678215	-84.224626	856.69	10.00	866.69
5	40.678235	-84.223043	858.86	10.00	868.86
6	40.677470	-84.223065	857.08	10.00	867.08
7	40.676705	-84.223086	857.12	10.00	867.12
8	40.676726	-84.224631	864.21	10.00	874.21
9	40.676697	-84.226412	860.57	10.00	870.57
10	40.676693	-84.228064	850.08	10.00	860.08
11	40.676689	-84.229824	852.43	10.00	862.43

Name: 309
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 988,356 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676722	-84.223150	857.40	10.00	867.41
2	40.676722	-84.225017	863.77	10.00	873.77
3	40.676705	-84.226627	859.59	10.00	869.59
4	40.676681	-84.228365	848.95	10.00	858.95
5	40.676689	-84.229953	852.45	10.00	862.45
6	40.675965	-84.229953	847.41	10.00	857.41
7	40.675159	-84.229953	848.16	10.00	858.16
8	40.675176	-84.226584	854.76	10.00	864.77
9	40.675208	-84.223108	853.86	10.00	863.86
10	40.675924	-84.223129	858.46	10.00	868.46

Name: 310
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,017,162 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676689	-84.229953	852.45	10.00	862.45
2	40.676689	-84.231519	852.55	10.00	862.55
3	40.676689	-84.233193	851.10	10.00	861.10
4	40.675363	-84.233160	847.09	10.00	857.09
5	40.674101	-84.233128	845.19	10.00	855.19
6	40.673678	-84.232163	844.45	10.00	854.45
7	40.673540	-84.231101	844.13	10.00	854.13
8	40.673467	-84.230382	845.00	10.00	855.00
9	40.672287	-84.230446	844.14	10.00	854.14
10	40.672287	-84.229985	845.32	10.00	855.32
11	40.673625	-84.229958	845.58	10.00	855.58
12	40.675127	-84.229931	848.26	10.00	858.26
13	40.675827	-84.229953	847.38	10.00	857.38

Name: 311
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,022,190 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.675152	-84.229943	848.19	10.00	858.19
2	40.673760	-84.229943	845.76	10.00	855.76
3	40.672287	-84.229964	845.34	10.00	855.34
4	40.672275	-84.228645	847.37	10.00	857.37
5	40.672269	-84.227405	851.05	10.00	861.05
6	40.672247	-84.226392	850.91	10.00	860.91
7	40.673772	-84.226397	853.32	10.00	863.32
8	40.675184	-84.226359	854.92	10.00	864.92
9	40.675176	-84.227502	855.16	10.00	865.16
10	40.675168	-84.228280	852.95	10.00	862.95

Name: 312
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,002,203 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.678622	-84.207852	839.88	10.00	849.89
2	40.678618	-84.208951	844.62	10.00	854.62
3	40.678614	-84.210287	840.16	10.00	850.16
4	40.678618	-84.211634	846.83	10.00	856.83
5	40.678622	-84.212851	851.06	10.00	861.06
6	40.677858	-84.212900	850.39	10.00	860.39
7	40.677858	-84.212444	848.80	10.00	858.80
8	40.676409	-84.212476	844.02	10.00	854.02
9	40.676426	-84.210365	843.37	10.00	853.37
10	40.676409	-84.207868	835.99	10.00	845.99
11	40.677540	-84.207860	839.74	10.00	849.74

Name: 313
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,049,747 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.675184	-84.226381	854.89	10.00	864.89
2	40.675204	-84.224670	857.93	10.00	867.93
3	40.675225	-84.223109	853.91	10.00	863.91
4	40.674397	-84.223135	854.25	10.00	864.25
5	40.673610	-84.223141	852.53	10.00	862.53
6	40.672810	-84.223146	849.91	10.00	859.91
7	40.672027	-84.223151	847.49	10.00	857.49
8	40.672027	-84.224696	848.57	10.00	858.57
9	40.671807	-84.224696	850.09	10.00	860.09
10	40.671807	-84.226402	849.91	10.00	859.92
11	40.673447	-84.226392	851.99	10.00	861.99

Name: 314
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,037,986 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.674184	-84.212161	842.15	10.00	852.15
2	40.674184	-84.210375	833.95	10.00	843.95
3	40.674546	-84.210375	836.18	10.00	846.18
4	40.674554	-84.209613	833.70	10.00	843.70
5	40.675238	-84.209624	836.03	10.00	846.03
6	40.675266	-84.207872	835.11	10.00	845.11
7	40.675278	-84.206228	834.55	10.00	844.55
8	40.675714	-84.206271	836.17	10.00	846.17
9	40.675720	-84.207033	835.85	10.00	845.85
10	40.675710	-84.207880	835.23	10.00	845.23
11	40.676417	-84.207880	836.00	10.00	846.00
12	40.676404	-84.210133	844.94	10.00	854.94
13	40.676407	-84.212472	843.93	10.00	853.93
14	40.676467	-84.213057	847.63	10.00	857.63
15	40.676688	-84.213465	847.84	10.00	857.84
16	40.676690	-84.213888	848.73	10.00	858.73
17	40.675209	-84.213883	845.89	10.00	855.89
18	40.675201	-84.212124	845.69	10.00	855.69

Name: 315
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,059,478 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.676706	-84.213470	847.88	10.00	857.88
2	40.677353	-84.213449	847.83	10.00	857.83
3	40.677353	-84.213009	848.31	10.00	858.31
4	40.677841	-84.212998	850.16	10.00	860.16
5	40.677839	-84.214208	852.00	10.00	862.00
6	40.677837	-84.215439	850.80	10.00	860.80
7	40.678763	-84.215412	856.50	10.00	866.50
8	40.679705	-84.215385	856.06	10.00	866.06
9	40.679696	-84.216855	858.95	10.00	868.95
10	40.679440	-84.216866	857.45	10.00	867.45
11	40.679444	-84.217236	857.38	10.00	867.38
12	40.678448	-84.217280	857.36	10.00	867.36
13	40.677630	-84.217260	849.18	10.00	859.18
14	40.676723	-84.217272	846.04	10.00	856.05
15	40.675897	-84.217284	846.74	10.00	856.74
16	40.675909	-84.215568	844.06	10.00	854.06
17	40.675919	-84.213891	846.84	10.00	856.84
18	40.676687	-84.213876	848.73	10.00	858.73

Name: 316
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,067,964 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.675909	-84.213893	846.83	10.00	856.83
2	40.675213	-84.213888	845.91	10.00	855.91
3	40.675208	-84.215627	842.21	10.00	852.21
4	40.675219	-84.217410	842.85	10.00	852.85
5	40.675230	-84.219160	842.70	10.00	852.70
6	40.675241	-84.221039	844.89	10.00	854.89
7	40.675693	-84.221060	845.76	10.00	855.76
8	40.675685	-84.221798	849.09	10.00	859.09
9	40.675677	-84.222557	854.70	10.00	864.70
10	40.676525	-84.222570	853.75	10.00	863.75
11	40.677422	-84.222562	854.19	10.00	864.19
12	40.677402	-84.221688	854.06	10.00	864.06
13	40.677398	-84.220760	853.35	10.00	863.35
14	40.677398	-84.219703	852.17	10.00	862.17
15	40.677402	-84.219204	852.59	10.00	862.59
16	40.676137	-84.219231	846.57	10.00	856.58
17	40.676145	-84.217294	846.42	10.00	856.42
18	40.675888	-84.217289	846.75	10.00	856.75

Name: 317
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 387,326 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.677398	-84.219703	852.17	10.00	862.17
2	40.678854	-84.219682	859.42	10.00	869.43
3	40.678844	-84.221068	864.11	10.00	874.11
4	40.678850	-84.222519	862.47	10.00	872.47
5	40.678122	-84.222533	856.80	10.00	866.80
6	40.677426	-84.222546	854.19	10.00	864.19



Name: 318
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,052,493 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682357	-84.220449	869.86	10.00	879.86
2	40.681126	-84.220463	867.48	10.00	877.48
3	40.679993	-84.220476	867.16	10.00	877.16
4	40.680059	-84.219003	866.24	10.00	876.24
5	40.680026	-84.217660	863.27	10.00	873.27
6	40.680315	-84.217665	862.75	10.00	872.75
7	40.680315	-84.216978	860.84	10.00	870.84
8	40.680901	-84.216962	860.89	10.00	870.90
9	40.680909	-84.216013	857.63	10.00	867.63
10	40.681198	-84.216013	858.54	10.00	868.54
11	40.681198	-84.215117	854.37	10.00	864.37
12	40.682377	-84.215095	851.39	10.00	861.39



Name: 319
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 995,209 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682378	-84.215153	851.40	10.00	861.40
2	40.683647	-84.215131	849.84	10.00	859.84
3	40.685185	-84.215121	851.91	10.00	861.91
4	40.685177	-84.216827	855.86	10.00	865.86
5	40.685169	-84.218790	861.54	10.00	871.54
6	40.682362	-84.218801	861.97	10.00	871.97
7	40.682372	-84.217875	860.73	10.00	870.73
8	40.682382	-84.216907	855.60	10.00	865.60



Name: 320
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 811,611 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.682361	-84.220484	869.94	10.00	879.94
2	40.683126	-84.221455	871.20	10.00	881.20
3	40.684086	-84.222555	870.30	10.00	880.30
4	40.684355	-84.222587	868.93	10.00	878.93
5	40.684355	-84.221675	863.81	10.00	873.81
6	40.685201	-84.221675	868.50	10.00	878.50
7	40.685181	-84.220152	860.19	10.00	870.19
8	40.685193	-84.218800	861.63	10.00	871.63
9	40.682370	-84.218821	862.07	10.00	872.07



2-Mile Flight Path Receptor(s)

Name: Allen County Airport Runway 10
Description:
Threshold height : 50 ft
Direction: 90.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706950	-84.038757	946.44	50.00	996.44
2-mile point	40.706950	-84.076942	904.00	645.90	1549.90



Name: Allen County Airport Runway 28
Description:
Threshold height : 50 ft
Direction: 270.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706946	-84.017749	975.51	50.00	1025.51
2-mile point	40.706946	-83.979564	980.77	598.20	1578.97



Name: Youngpeter Airport North Approach
Description:
Threshold height : 50 ft
Direction: 0.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.780297	-84.368399	803.72	50.00	853.72
2-mile point	40.751384	-84.368399	808.77	598.41	1407.18



Name: Youngpeter Airport South Approach
Description:
Threshold height : 50 ft
Direction: 180.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.786471	-84.368410	791.74	50.00	841.74
2-mile point	40.815384	-84.368410	782.35	612.85	1395.20



Route Receptor(s)

Name: Bowsher Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.689185	-84.241974	863.49	9.00	872.49
2	40.687578	-84.241958	865.39	9.00	874.39
3	40.684654	-84.241905	869.57	9.00	878.57
4	40.683441	-84.241915	872.13	9.00	881.13
5	40.682294	-84.241899	874.20	9.00	883.20
6	40.681367	-84.241894	873.50	9.00	882.50
7	40.679349	-84.241915	872.91	9.00	881.91
8	40.678535	-84.241889	869.57	9.00	878.57
9	40.677722	-84.241856	866.78	9.00	875.78
10	40.676253	-84.241848	865.16	9.00	874.16
11	40.674825	-84.241840	858.92	9.00	867.92
12	40.673771	-84.241840	854.93	9.00	863.93
13	40.672766	-84.241819	850.26	9.00	859.26
14	40.671961	-84.241819	848.19	9.00	857.19
15	40.671359	-84.241813	848.19	9.00	857.19

Name: CR 121
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671428	-84.222673	846.34	9.00	855.34
2	40.671428	-84.223419	846.40	9.00	855.41
3	40.671415	-84.224508	851.06	9.00	860.06
4	40.671395	-84.225382	851.97	9.00	860.97
5	40.671403	-84.226428	849.44	9.00	858.44
6	40.671391	-84.227083	849.08	9.00	858.08
7	40.671403	-84.227877	849.96	9.00	858.96
8	40.671387	-84.228638	848.02	9.00	857.02
9	40.671395	-84.230167	844.05	9.00	853.05
10	40.671387	-84.230988	844.04	9.00	853.04
11	40.671367	-84.231959	845.29	9.00	854.29
12	40.671375	-84.232973	847.78	9.00	856.78
13	40.671363	-84.234175	851.25	9.00	860.25
14	40.671359	-84.235462	852.70	9.00	861.70
15	40.671363	-84.236776	853.82	9.00	862.82
16	40.671350	-84.239029	854.56	9.00	863.56
17	40.671350	-84.241830	847.94	9.00	856.94

Name: Mobile Home Park Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686023	-84.212172	855.64	9.00	864.64
2	40.685577	-84.212194	853.18	9.00	862.18
3	40.685063	-84.212205	851.85	9.00	860.85
4	40.684471	-84.212221	850.93	9.00	859.93
5	40.683964	-84.212218	848.92	9.00	857.92
6	40.683466	-84.212242	846.35	9.00	855.35
7	40.683067	-84.212221	846.78	9.00	855.78
8	40.682719	-84.212170	847.22	9.00	856.22
9	40.682640	-84.212121	847.69	9.00	856.69

Name: Private Drive
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685999	-84.214849	855.36	9.00	864.36
2	40.685475	-84.214859	851.80	9.00	860.80
3	40.685004	-84.214857	851.80	9.00	860.80
4	40.684662	-84.214861	851.76	9.00	860.76
5	40.684316	-84.214857	850.44	9.00	859.44
6	40.683507	-84.214873	849.06	9.00	858.06
7	40.682600	-84.214872	851.24	9.00	860.24
8	40.681920	-84.214880	850.85	9.00	859.85
9	40.681063	-84.214888	853.07	9.00	862.07
10	40.681014	-84.214863	852.77	9.00	861.77
11	40.680962	-84.214789	852.51	9.00	861.51

Name: South Kemp Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685970	-84.222805	874.03	9.00	883.03
2	40.685024	-84.222802	871.21	9.00	880.21
3	40.683921	-84.222794	872.69	9.00	881.69
4	40.683376	-84.222783	875.06	9.00	884.06
5	40.682589	-84.222775	873.08	9.00	882.08
6	40.681574	-84.222781	869.55	9.00	878.55
7	40.681037	-84.222783	867.34	9.00	876.34
8	40.679733	-84.222774	867.76	9.00	876.76
9	40.679049	-84.222761	864.35	9.00	873.35
10	40.678334	-84.222756	859.43	9.00	868.43
11	40.677482	-84.222746	856.75	9.00	865.75
12	40.677026	-84.222740	855.80	9.00	864.80
13	40.676277	-84.222731	856.01	9.00	865.01
14	40.675519	-84.222727	855.08	9.00	864.08
15	40.674829	-84.222732	852.90	9.00	861.90
16	40.674166	-84.222727	854.48	9.00	863.48
17	40.673393	-84.222722	851.80	9.00	860.80
18	40.672878	-84.222708	850.62	9.00	859.62
19	40.672250	-84.222687	849.14	9.00	858.14
20	40.671151	-84.222676	843.47	9.00	852.47
21	40.670183	-84.222676	842.88	9.00	851.88

Name: S Wapakoneta Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686108	-84.203756	863.93	9.00	872.93
2	40.685427	-84.203755	859.88	9.00	868.88
3	40.684717	-84.203744	857.16	9.00	866.16
4	40.683843	-84.203739	852.37	9.00	861.37
5	40.682971	-84.203725	850.06	9.00	859.06
6	40.681809	-84.203720	848.70	9.00	857.70
7	40.681074	-84.203704	846.77	9.00	855.78
8	40.680339	-84.203700	846.99	9.00	855.99
9	40.679512	-84.203696	844.10	9.00	853.10
10	40.678660	-84.203680	840.91	9.00	849.91
11	40.677829	-84.203666	839.72	9.00	848.72
12	40.676972	-84.203661	841.45	9.00	850.45
13	40.675934	-84.203639	841.01	9.00	850.01
14	40.674681	-84.203627	840.14	9.00	849.14
15	40.674321	-84.203630	839.44	9.00	848.44
16	40.673687	-84.203615	838.85	9.00	847.85
17	40.673213	-84.203610	839.19	9.00	848.19
18	40.672454	-84.203607	839.24	9.00	848.24
19	40.671691	-84.203606	841.32	9.00	850.32
20	40.671060	-84.203591	840.96	9.00	849.96
21	40.670509	-84.203595	839.16	9.00	848.16
22	40.669557	-84.203588	840.63	9.00	849.63
23	40.668048	-84.203574	839.77	9.00	848.77
24	40.666580	-84.203560	841.80	9.00	850.80
25	40.665394	-84.203548	844.11	9.00	853.11
26	40.664283	-84.203556	842.37	9.00	851.37

Name: West Breese Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685934	-84.222757	873.66	9.00	882.66
2	40.685951	-84.219737	867.14	9.00	876.14
3	40.685975	-84.218047	865.15	9.00	874.15
4	40.685975	-84.216095	856.99	9.00	865.99
5	40.686012	-84.214067	856.27	9.00	865.27
6	40.686030	-84.212313	855.72	9.00	864.72
7	40.686044	-84.210381	853.32	9.00	862.32
8	40.686079	-84.208635	850.04	9.00	859.04
9	40.686097	-84.206755	856.18	9.00	865.18
10	40.686130	-84.204416	860.27	9.00	869.27
11	40.686125	-84.203778	863.99	9.00	872.99
12	40.686146	-84.199658	854.95	9.00	863.95
13	40.686158	-84.197298	851.48	9.00	860.48
14	40.686170	-84.195173	849.87	9.00	858.87
15	40.686186	-84.193435	847.87	9.00	856.87

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	ft	ft	ft
OP 1	40.740549	-84.118333	868.53	500.02	1368.56
OP 2	40.735693	-84.086896	885.19	500.02	1385.21
OP 3	40.676707	-84.203284	841.17	25.00	866.18
OP 4	40.675336	-84.203992	839.53	25.00	864.53
OP 5	40.669414	-84.203064	842.79	25.00	867.79
OP 6	40.669097	-84.203976	845.94	25.00	870.94
OP 7	40.664058	-84.201834	840.08	25.00	865.08
OP 8	40.664557	-84.203094	844.89	25.00	869.89
OP 9	40.664675	-84.209668	842.57	25.00	867.57
OP 10	40.679890	-84.204984	846.60	25.00	871.61
OP 11	40.679719	-84.204158	846.00	25.00	871.00
OP 12	40.680150	-84.204094	848.31	25.00	873.32
OP 13	40.680606	-84.204415	844.93	25.00	869.93
OP 14	40.680915	-84.204297	845.37	25.00	870.37
OP 15	40.681495	-84.205144	847.48	25.00	872.48
OP 16	40.682797	-84.205104	850.70	25.00	875.70
OP 17	40.683956	-84.202856	857.02	25.00	882.02
OP 18	40.685591	-84.207879	850.48	25.00	875.48
OP 19	40.686893	-84.210234	849.92	25.00	874.92
OP 20	40.687650	-84.211806	856.97	25.00	881.97
OP 21	40.685600	-84.211548	854.24	25.00	879.24
OP 22	40.686187	-84.215014	856.88	25.00	881.89
OP 23	40.686281	-84.222438	876.38	25.00	901.38
OP 24	40.685500	-84.223208	872.89	25.00	897.89
OP 25	40.683745	-84.226523	882.41	25.00	907.41
OP 26	40.684119	-84.230002	877.36	25.00	902.36
OP 27	40.680360	-84.214311	853.88	25.00	878.88
OP 28	40.682439	-84.212203	847.55	25.00	872.55
OP 29	40.682187	-84.212214	848.33	25.00	873.33
OP 30	40.681495	-84.209151	847.03	25.00	872.03
OP 31	40.678464	-84.218313	856.71	25.00	881.71
OP 32	40.679689	-84.222546	869.21	25.00	894.21
OP 33	40.680836	-84.222342	871.47	25.00	896.47
OP 34	40.681759	-84.223163	873.09	25.00	898.09
OP 35	40.674105	-84.222335	855.29	25.00	880.30
OP 36	40.673112	-84.222239	850.96	25.00	875.96
OP 37	40.671716	-84.224052	850.78	25.00	875.78
OP 38	40.671212	-84.225350	851.40	0.00	851.40
OP 39	40.671191	-84.227968	849.66	25.00	874.67
OP 40	40.671045	-84.229481	846.52	25.00	871.52
OP 41	40.671655	-84.233622	850.92	25.00	875.92
OP 42	40.671053	-84.238509	855.44	25.00	880.44
OP 43	40.679894	-84.240707	872.64	25.00	897.64
OP 44	40.682972	-84.241540	874.04	25.00	899.04
OP 45	40.674500	-84.241385	864.35	25.00	889.35

PV Array Results

Summary of PV Glare Analysis PV configuration and predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
301	SA tracking	SA tracking	0	0	-	-
302	SA tracking	SA tracking	0	0	-	-
303	SA tracking	SA tracking	0	0	-	-
304	SA tracking	SA tracking	0	0	-	-
305	SA tracking	SA tracking	0	0	-	-
306	SA tracking	SA tracking	0	0	-	-
307	SA tracking	SA tracking	0	0	-	-
308	SA tracking	SA tracking	0	0	-	-
309	SA tracking	SA tracking	0	0	-	-
310	SA tracking	SA tracking	0	0	-	-
311	SA tracking	SA tracking	0	0	-	-
312	SA tracking	SA tracking	0	0	-	-
313	SA tracking	SA tracking	0	0	-	-
314	SA tracking	SA tracking	0	0	-	-
315	SA tracking	SA tracking	0	0	-	-
316	SA tracking	SA tracking	0	0	-	-
317	SA tracking	SA tracking	0	0	-	-
318	SA tracking	SA tracking	0	0	-	-
319	SA tracking	SA tracking	0	0	-	-
320	SA tracking	SA tracking	0	0	-	-

Click the name of the PV array to scroll to its results

PV & Receptor Analysis Results detailed results for each PV array and receptor

301 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

302 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

303 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

304 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

305 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

306 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

307 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

308 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

309 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

310 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

311 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

312 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

313 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

314 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

315 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

316 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

317 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

318 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

319 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

320 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

OP: OP 44	0	0
OP: OP 45	0	0
Route: Bowsher Road	0	0
Route: CR 121	0	0
Route: Mobile Home Park Road	0	0
Route: Private Drive	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Breese Road	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results for large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Glare vector plots are simplified representations of analysis data. Actual glare emanations and results may differ.
- Glare analysis methods used: OP V1, FP V1, Route V1
- Refer to the **Help page** for assumptions and limitations not listed here.

Site Configuration: Block 4 5 ft veh 5 ft pan

Project site configuration details and results.

Created **Jan. 14, 2021 2:01 p.m.**
Updated **Jan. 14, 2021 11:28 p.m.**
DNI **varies** and peaks at **1,000.0 W/m^2**
Analyze every **1** minute(s)
0.5 ocular transmission coefficient
0.002 m pupil diameter
0.017 m eye focal length
9.3 mrad sun subtended angle
Timezone **UTC-5**
Site Configuration ID: 48056.8653

Summary of Results No glare predicted!

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
401	SA tracking	SA tracking	0	0	-
402	SA tracking	SA tracking	0	0	-
403	SA tracking	SA tracking	0	0	-
404	SA tracking	SA tracking	0	0	-
405	SA tracking	SA tracking	0	0	-
406	SA tracking	SA tracking	0	0	-
407	SA tracking	SA tracking	0	0	-
408	SA tracking	SA tracking	0	0	-
409	SA tracking	SA tracking	0	0	-
410	SA tracking	SA tracking	0	0	-
411	SA tracking	SA tracking	0	0	-
412	SA tracking	SA tracking	0	0	-
413	SA tracking	SA tracking	0	0	-
414	SA tracking	SA tracking	0	0	-
415	SA tracking	SA tracking	0	0	-
416	SA tracking	SA tracking	0	0	-
417	SA tracking	SA tracking	0	0	-
418	SA tracking	SA tracking	0	0	-
419	SA tracking	SA tracking	0	0	-
420	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Name: 401
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,023,644 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.677942	-84.233681	852.68	5.00	857.68
2	40.677925	-84.234689	852.74	5.00	857.74
3	40.677576	-84.234700	852.12	5.00	857.12
4	40.677584	-84.236835	855.67	5.00	860.67
5	40.675993	-84.236900	850.70	5.00	855.70
6	40.674467	-84.236964	851.68	5.00	856.68
7	40.674463	-84.235070	849.30	5.00	854.30
8	40.674459	-84.233649	848.41	5.00	853.41
9	40.676152	-84.233665	849.10	5.00	854.10

Name: 402
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 925,450 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.674455	-84.236995	851.70	5.00	856.70
2	40.672990	-84.236947	854.18	5.00	859.18
3	40.671525	-84.236899	853.85	5.00	858.85
4	40.671550	-84.234474	850.45	5.00	855.45
5	40.671647	-84.234469	850.52	5.00	855.52
6	40.672591	-84.234485	847.23	5.00	852.23
7	40.672608	-84.232640	845.39	5.00	850.39
8	40.673080	-84.232650	844.20	5.00	849.20
9	40.673096	-84.233605	845.55	5.00	850.55
10	40.674447	-84.233648	848.41	5.00	853.41
11	40.674451	-84.235365	848.59	5.00	853.59

Name: 403
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 305,695 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671188	-84.232104	844.26	5.00	849.26
2	40.671196	-84.231020	842.40	5.00	847.41
3	40.670358	-84.230452	842.71	5.00	847.71
4	40.669268	-84.230344	842.87	5.00	847.87
5	40.669243	-84.232104	843.62	5.00	848.62



Name: 404
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 884,752 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670089	-84.228756	843.51	5.00	848.51
2	40.670081	-84.227308	846.77	5.00	851.77
3	40.670480	-84.227308	846.68	5.00	851.68
4	40.670480	-84.226589	849.74	5.00	854.74
5	40.670163	-84.226589	848.05	5.00	853.05
6	40.670171	-84.225280	847.82	5.00	852.83
7	40.669056	-84.225280	842.89	5.00	847.89
8	40.668104	-84.225323	845.33	5.00	850.33
9	40.667941	-84.225323	843.55	5.00	848.55
10	40.667917	-84.227244	852.17	5.00	857.17
11	40.667892	-84.229293	848.68	5.00	853.68
12	40.668739	-84.229282	852.29	5.00	857.29
13	40.669683	-84.229271	843.92	5.00	848.92
14	40.669699	-84.228799	845.61	5.00	850.61



Name: 405
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 823,118 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.673227	-84.220304	847.32	5.00	852.32
2	40.672006	-84.220883	845.13	5.00	850.13
3	40.671493	-84.221108	840.98	5.00	845.98
4	40.671518	-84.221859	844.96	5.00	849.96
5	40.671217	-84.221870	844.60	5.00	849.60
6	40.671209	-84.221108	840.82	5.00	845.82
7	40.670924	-84.221108	841.63	5.00	846.63
8	40.669988	-84.220658	840.48	5.00	845.48
9	40.670004	-84.219488	835.83	5.00	840.83
10	40.670826	-84.217772	834.11	5.00	839.11
11	40.671477	-84.217739	837.89	5.00	842.89
12	40.671502	-84.218083	839.43	5.00	844.43
13	40.673056	-84.218587	836.15	5.00	841.15
14	40.673072	-84.220035	845.49	5.00	850.49
15	40.673235	-84.220078	846.33	5.00	851.33

Name: 406
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 984,600 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.667644	-84.212407	834.32	5.00	839.32
2	40.670061	-84.212471	834.59	5.00	839.59
3	40.670045	-84.213619	834.70	5.00	839.70
4	40.670338	-84.213630	835.32	5.00	840.32
5	40.670314	-84.214199	834.06	5.00	839.06
6	40.669264	-84.214939	833.64	5.00	838.64
7	40.667465	-84.214896	836.85	5.00	841.85
8	40.666977	-84.214864	834.49	5.00	839.49
9	40.666074	-84.214810	833.59	5.00	838.59
10	40.666074	-84.213555	835.09	5.00	840.09
11	40.666074	-84.212353	836.88	5.00	841.88

Name: 407
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,051,811 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.665068	-84.212932	836.93	5.00	841.93
2	40.664385	-84.212954	837.52	5.00	842.52
3	40.664377	-84.212310	837.24	5.00	842.24
4	40.666086	-84.212342	836.96	5.00	841.96
5	40.666089	-84.214804	833.61	5.00	838.61
6	40.666661	-84.214858	833.97	5.00	838.97
7	40.666653	-84.216022	834.46	5.00	839.46
8	40.666677	-84.217256	837.14	5.00	842.14
9	40.666651	-84.219638	833.60	5.00	838.60
10	40.666094	-84.219616	838.26	5.00	843.26
11	40.665101	-84.219638	837.70	5.00	842.70
12	40.665085	-84.216312	834.40	5.00	839.40

Name: 408
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 906,572 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.666660	-84.215240	833.98	5.00	838.98
2	40.667303	-84.215245	835.38	5.00	840.38
3	40.668047	-84.215272	833.85	5.00	838.85
4	40.668053	-84.216945	834.59	5.00	839.60
5	40.668068	-84.218673	831.29	5.00	836.29
6	40.667286	-84.220459	834.94	5.00	839.94
7	40.666473	-84.222321	829.84	5.00	834.84
8	40.665878	-84.222353	833.22	5.00	838.22
9	40.665895	-84.221097	833.66	5.00	838.66
10	40.665903	-84.219617	838.23	5.00	843.23
11	40.666668	-84.219628	833.57	5.00	838.57
12	40.666664	-84.217380	837.37	5.00	842.37

Name: 409
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 710,160 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.665089	-84.215647	835.57	5.00	840.57
2	40.664332	-84.215647	840.27	5.00	845.27
3	40.664324	-84.217297	835.43	5.00	840.43
4	40.664316	-84.218989	836.22	5.00	841.22
5	40.664308	-84.220612	836.69	5.00	841.69
6	40.664300	-84.222363	833.26	5.00	838.26
7	40.665073	-84.222358	833.96	5.00	838.96
8	40.665887	-84.222353	833.25	5.00	838.25
9	40.665895	-84.220963	833.75	5.00	838.75
10	40.665903	-84.219606	838.21	5.00	843.21
11	40.665097	-84.219649	837.71	5.00	842.71
12	40.665089	-84.217670	833.98	5.00	838.98
13	40.665089	-84.216632	834.13	5.00	839.13

Name: 410
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 963,672 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.663925	-84.212944	838.02	5.00	843.02
2	40.663929	-84.212602	838.36	5.00	843.36
3	40.663933	-84.212268	838.90	5.00	843.90
4	40.663493	-84.212269	839.61	5.00	844.61
5	40.663069	-84.212270	842.42	5.00	847.42
6	40.662639	-84.212272	841.41	5.00	846.41
7	40.662237	-84.212273	841.16	5.00	846.16
8	40.660702	-84.212278	845.01	5.00	850.01
9	40.660690	-84.213362	844.36	5.00	849.36
10	40.660678	-84.214510	845.08	5.00	850.08
11	40.660693	-84.216205	846.09	5.00	851.09
12	40.661189	-84.216192	844.70	5.00	849.70
13	40.661679	-84.216173	839.59	5.00	844.59
14	40.662351	-84.216146	839.69	5.00	844.69
15	40.662679	-84.216134	838.09	5.00	843.09
16	40.663022	-84.216119	837.56	5.00	842.57
17	40.663024	-84.215042	838.81	5.00	843.81
18	40.663027	-84.214513	840.05	5.00	845.05
19	40.663030	-84.214000	840.22	5.00	845.22
20	40.663026	-84.212997	841.66	5.00	846.66
21	40.663490	-84.212970	838.88	5.00	843.88

Name: 411
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,015,662 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.660678	-84.214016	843.69	5.00	848.69
2	40.659962	-84.214022	845.56	5.00	850.56
3	40.659343	-84.214027	847.31	5.00	852.31
4	40.659355	-84.215170	848.75	5.00	853.75
5	40.659335	-84.216398	845.13	5.00	850.13
6	40.658204	-84.216393	843.83	5.00	848.83
7	40.657073	-84.216430	846.65	5.00	851.65
8	40.657073	-84.217407	845.60	5.00	850.60
9	40.657073	-84.218405	846.00	5.00	851.00
10	40.658873	-84.218354	847.24	5.00	852.24
11	40.660711	-84.218297	842.18	5.00	847.18
12	40.660702	-84.217248	842.72	5.00	847.72
13	40.660698	-84.216379	845.61	5.00	850.61
14	40.660694	-84.216109	846.28	5.00	851.28
15	40.660674	-84.215186	847.17	5.00	852.17

Name: 412
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,020,268 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.660695	-84.216206	846.15	5.00	851.15
2	40.661290	-84.216190	843.03	5.00	848.03
3	40.661881	-84.216163	839.68	5.00	844.68
4	40.661903	-84.216741	838.65	5.00	843.65
5	40.661943	-84.217106	838.59	5.00	843.59
6	40.662269	-84.217073	838.42	5.00	843.42
7	40.662269	-84.217728	840.58	5.00	845.58
8	40.662698	-84.217712	840.02	5.00	845.02
9	40.663159	-84.217696	835.46	5.00	840.46
10	40.663618	-84.217677	835.00	5.00	840.00
11	40.664072	-84.217658	834.52	5.00	839.52
12	40.664061	-84.218215	833.97	5.00	838.97
13	40.664050	-84.218782	833.71	5.00	838.71
14	40.664043	-84.219363	833.91	5.00	838.91
15	40.664037	-84.219958	834.52	5.00	839.52
16	40.663680	-84.219966	834.19	5.00	839.19
17	40.663377	-84.219973	833.74	5.00	838.74
18	40.663366	-84.220422	834.35	5.00	839.35
19	40.662765	-84.220415	833.95	5.00	838.95
20	40.661313	-84.220450	840.46	5.00	845.46
21	40.661024	-84.220432	840.84	5.00	845.84
22	40.661026	-84.219214	843.24	5.00	848.24
23	40.661018	-84.218326	841.74	5.00	846.74
24	40.660711	-84.218303	842.18	5.00	847.18
25	40.660705	-84.217326	842.45	5.00	847.45

Name: 413
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 754,330 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.657077	-84.218402	846.09	5.00	851.09
2	40.657067	-84.221555	841.47	5.00	846.47
3	40.657058	-84.224731	845.03	5.00	850.03
4	40.657049	-84.227919	841.33	5.00	846.33
5	40.657045	-84.229500	836.72	5.00	841.72
6	40.657040	-84.231107	833.97	5.00	838.97
7	40.657416	-84.231094	837.63	5.00	842.63
8	40.657821	-84.231086	832.20	5.00	837.20
9	40.657862	-84.218383	848.94	5.00	853.94

Name: 414
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 978,684 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.657874	-84.218382	848.89	5.00	853.89
2	40.659091	-84.218350	846.57	5.00	851.57
3	40.659697	-84.218326	844.04	5.00	849.04
4	40.660291	-84.218318	841.76	5.00	846.76
5	40.660307	-84.222545	839.25	5.00	844.25
6	40.659070	-84.222572	840.57	5.00	845.57
7	40.657850	-84.222599	840.18	5.00	845.18
8	40.657856	-84.221504	839.12	5.00	844.12
9	40.657862	-84.220458	842.45	5.00	847.45
10	40.657862	-84.219402	846.43	5.00	851.43

Name: 415
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,010,797 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.657829	-84.230603	837.41	5.00	842.41
2	40.658808	-84.230614	831.03	5.00	836.03
3	40.659807	-84.230625	833.61	5.00	838.61
4	40.659815	-84.229343	832.87	5.00	837.87
5	40.659823	-84.228028	832.76	5.00	837.76
6	40.659809	-84.225346	834.34	5.00	839.34
7	40.658817	-84.225357	837.74	5.00	842.74
8	40.657838	-84.225389	843.27	5.00	848.28
9	40.657831	-84.227975	838.43	5.00	843.43
10	40.657830	-84.229273	839.45	5.00	844.45

Name: 416
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,046,150 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.657858	-84.222586	840.09	5.00	845.09
2	40.659119	-84.222569	840.75	5.00	845.75
3	40.660310	-84.222538	839.25	5.00	844.25
4	40.660302	-84.221529	842.16	5.00	847.16
5	40.660787	-84.221517	839.80	5.00	844.80
6	40.661280	-84.221505	837.64	5.00	842.64
7	40.661262	-84.223404	834.47	5.00	839.47
8	40.661215	-84.225314	832.83	5.00	837.83
9	40.657821	-84.225368	843.37	5.00	848.37
10	40.657850	-84.223898	841.96	5.00	846.96

Name: 417
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,037,134 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.659805	-84.230622	833.61	5.00	838.61
2	40.660191	-84.230521	836.03	5.00	841.03
3	40.660629	-84.230421	830.40	5.00	835.40
4	40.661103	-84.229136	830.41	5.00	835.41
5	40.661557	-84.227910	834.66	5.00	839.66
6	40.661677	-84.226980	832.11	5.00	837.11
7	40.661793	-84.226102	831.83	5.00	836.83
8	40.662266	-84.225712	832.13	5.00	837.13
9	40.662727	-84.225300	831.15	5.00	836.15
10	40.662711	-84.224174	832.75	5.00	837.75
11	40.661983	-84.224186	833.56	5.00	838.57
12	40.661244	-84.224187	833.74	5.00	838.74
13	40.661217	-84.224747	833.50	5.00	838.50
14	40.661207	-84.225325	832.82	5.00	837.82
15	40.659801	-84.225335	834.39	5.00	839.39
16	40.659810	-84.226646	833.74	5.00	838.74
17	40.659822	-84.227973	832.74	5.00	837.74
18	40.659814	-84.229276	832.89	5.00	837.89

Name: 418
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,062,816 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.661016	-84.220442	840.81	5.00	845.81
2	40.661024	-84.219415	843.23	5.00	848.23
3	40.661024	-84.218307	841.63	5.00	846.63
4	40.660291	-84.218307	841.74	5.00	846.74
5	40.660303	-84.219917	843.12	5.00	848.12
6	40.660316	-84.221526	842.18	5.00	847.18
7	40.660806	-84.221521	839.63	5.00	844.63
8	40.661292	-84.221494	837.75	5.00	842.75
9	40.661268	-84.222827	835.20	5.00	840.20
10	40.661243	-84.224187	833.74	5.00	838.74
11	40.664067	-84.224165	833.72	5.00	838.73
12	40.664076	-84.223210	833.41	5.00	838.41
13	40.663750	-84.223221	833.21	5.00	838.21
14	40.663742	-84.222577	833.21	5.00	838.21
15	40.663396	-84.222567	833.98	5.00	838.98
16	40.663009	-84.222556	836.03	5.00	841.03
17	40.663022	-84.221484	833.59	5.00	838.59
18	40.663035	-84.220417	833.54	5.00	838.54

Name: 419
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 268,916 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.661911	-84.226011	832.17	5.00	837.17
2	40.663905	-84.225871	830.21	5.00	835.21
3	40.664165	-84.225592	829.66	5.00	834.66
4	40.664181	-84.224165	833.56	5.00	838.56
5	40.663449	-84.224165	832.88	5.00	837.88
6	40.662716	-84.224165	832.75	5.00	837.75
7	40.662733	-84.225302	831.15	5.00	836.15



Name: 420
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 213,582 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664076	-84.217138	837.28	5.00	842.28
2	40.663551	-84.217122	836.12	5.00	841.12
3	40.663026	-84.217106	836.76	5.00	841.76
4	40.663022	-84.216078	837.63	5.00	842.63
5	40.663026	-84.215040	838.83	5.00	843.83
6	40.663543	-84.215040	838.47	5.00	843.47
7	40.664067	-84.215046	838.64	5.00	843.64
8	40.664072	-84.216081	839.76	5.00	844.76



2-Mile Flight Path Receptor(s)

Name: Allen County Airport Runway 10
Description:
Threshold height : 50 ft
Direction: 90.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706950	-84.038757	946.44	50.00	996.44
2-mile point	40.706950	-84.076942	904.00	645.90	1549.90



Name: Allen County Airport Runway 28
Description:
Threshold height : 50 ft
Direction: 270.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706946	-84.017749	975.51	50.00	1025.51
2-mile point	40.706946	-83.979564	980.77	598.20	1578.97



Name: Youngpeter Airport North Approach
Description:
Threshold height : 50 ft
Direction: 0.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.780297	-84.368399	803.72	50.00	853.72
2-mile point	40.751384	-84.368399	808.77	598.41	1407.18



Name: Youngpeter Airport South Approach
Description:
Threshold height : 50 ft
Direction: 180.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.786471	-84.368410	791.74	50.00	841.74
2-mile point	40.815384	-84.368410	782.35	612.85	1395.20



Route Receptor(s)

Name: Bowsher Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.689185	-84.241974	863.50	5.00	868.50
2	40.687578	-84.241958	865.38	5.00	870.38
3	40.684654	-84.241905	869.58	5.00	874.58
4	40.683441	-84.241915	872.12	5.00	877.12
5	40.682294	-84.241899	874.21	5.00	879.21
6	40.681367	-84.241894	873.49	5.00	878.49
7	40.679349	-84.241915	872.92	5.00	877.92
8	40.678535	-84.241889	869.57	5.00	874.57
9	40.677722	-84.241856	866.83	5.00	871.83
10	40.676253	-84.241848	865.10	5.00	870.10
11	40.674825	-84.241840	858.92	5.00	863.92
12	40.673771	-84.241840	854.93	5.00	859.93
13	40.672766	-84.241819	850.25	5.00	855.25
14	40.671961	-84.241819	848.19	5.00	853.19
15	40.671356	-84.241808	848.19	5.00	853.19
16	40.670763	-84.241805	845.63	5.00	850.63
17	40.669577	-84.241792	842.06	5.00	847.07
18	40.668965	-84.241784	842.33	5.00	847.33
19	40.668383	-84.241778	840.37	5.00	845.37
20	40.667794	-84.241774	838.32	5.00	843.32
21	40.667218	-84.241770	837.54	5.00	842.54
22	40.666028	-84.241757	837.46	5.00	842.46
23	40.664860	-84.241745	836.07	5.00	841.07
24	40.663682	-84.241729	832.64	5.00	837.64
25	40.662523	-84.241719	832.64	5.00	837.64
26	40.661312	-84.241708	831.42	5.00	836.42
27	40.660125	-84.241697	831.03	5.00	836.03
28	40.658964	-84.241692	822.45	5.00	827.45
29	40.657834	-84.241673	834.69	5.00	839.69
30	40.656669	-84.241665	838.33	5.00	843.33
31	40.655499	-84.241632	840.87	5.00	845.87
32	40.653247	-84.241619	840.44	5.00	845.44

Name: National Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.653242	-84.241623	840.38	5.00	845.38
2	40.653251	-84.240298	841.71	5.00	846.71
3	40.653242	-84.238927	842.78	5.00	847.78
4	40.653240	-84.237287	840.56	5.00	845.56
5	40.653248	-84.235655	838.44	5.00	843.44
6	40.653242	-84.234747	840.67	5.00	845.67
7	40.653245	-84.233879	840.54	5.00	845.54
8	40.653243	-84.232152	838.45	5.00	843.45
9	40.653233	-84.230995	837.40	5.00	842.40
10	40.653240	-84.229851	844.63	5.00	849.63
11	40.653241	-84.227624	843.89	5.00	848.89
12	40.653257	-84.225947	844.62	5.00	849.62
13	40.653241	-84.224148	843.29	5.00	848.29
14	40.653248	-84.222579	843.81	5.00	848.81
15	40.653251	-84.221037	845.06	5.00	850.06
16	40.653258	-84.217955	846.57	5.00	851.57
17	40.653262	-84.216530	848.69	5.00	853.69

Name: Railroad
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670162	-84.191447	844.87	15.00	859.87
2	40.668437	-84.194016	844.81	15.00	859.81
3	40.667155	-84.195910	845.51	15.00	860.51
4	40.666232	-84.197294	847.53	15.00	862.53
5	40.665003	-84.199166	848.47	15.00	863.47
6	40.663892	-84.200861	847.31	15.00	862.31
7	40.662582	-84.202846	846.94	15.00	861.94
8	40.661796	-84.203984	846.22	15.00	861.23
9	40.661039	-84.205142	843.83	15.00	858.83
10	40.659544	-84.207358	844.53	15.00	859.53
11	40.658052	-84.209557	847.78	15.00	862.78
12	40.657145	-84.210963	848.99	15.00	863.99
13	40.656591	-84.211794	849.13	15.00	864.13
14	40.655332	-84.213656	849.92	15.00	864.92
15	40.654382	-84.215085	849.87	15.00	864.87
16	40.653316	-84.216687	849.16	15.00	864.16

Name: South Kemp Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685970	-84.222805	874.03	5.00	879.03
2	40.685024	-84.222802	871.21	5.00	876.21
3	40.683921	-84.222794	872.69	5.00	877.69
4	40.683376	-84.222783	875.06	5.00	880.06
5	40.682591	-84.222790	873.05	5.00	878.05
6	40.681574	-84.222781	869.55	5.00	874.55
7	40.681037	-84.222783	867.34	5.00	872.34
8	40.679733	-84.222774	867.76	5.00	872.76
9	40.679049	-84.222761	864.35	5.00	869.35
10	40.678334	-84.222756	859.43	5.00	864.43
11	40.677482	-84.222746	856.75	5.00	861.75
12	40.677026	-84.222740	855.80	5.00	860.80
13	40.676277	-84.222731	856.01	5.00	861.01
14	40.675519	-84.222727	855.08	5.00	860.08
15	40.674829	-84.222732	852.90	5.00	857.90
16	40.674166	-84.222727	854.48	5.00	859.48
17	40.673393	-84.222713	851.87	5.00	856.87
18	40.672878	-84.222708	850.62	5.00	855.62
19	40.672250	-84.222687	849.14	5.00	854.14
20	40.671151	-84.222676	843.47	5.00	848.47
21	40.664287	-84.222625	834.46	5.00	839.46

Name: S Wapakoneta Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686108	-84.203756	863.93	5.00	868.93
2	40.685427	-84.203755	859.88	5.00	864.88
3	40.684717	-84.203744	857.16	5.00	862.16
4	40.683843	-84.203739	852.37	5.00	857.37
5	40.682971	-84.203725	850.06	5.00	855.06
6	40.681809	-84.203720	848.70	5.00	853.70
7	40.681074	-84.203704	846.77	5.00	851.78
8	40.680339	-84.203700	846.99	5.00	851.99
9	40.679512	-84.203696	844.10	5.00	849.10
10	40.678660	-84.203680	840.91	5.00	845.91
11	40.677829	-84.203666	839.72	5.00	844.72
12	40.676972	-84.203661	841.45	5.00	846.45
13	40.675934	-84.203639	841.01	5.00	846.01
14	40.674681	-84.203627	840.14	5.00	845.14
15	40.674321	-84.203630	839.44	5.00	844.44
16	40.673687	-84.203615	838.85	5.00	843.85
17	40.673213	-84.203610	839.19	5.00	844.19
18	40.672454	-84.203607	839.24	5.00	844.24
19	40.671691	-84.203606	841.32	5.00	846.32
20	40.671060	-84.203591	840.96	5.00	845.96
21	40.670509	-84.203595	839.16	5.00	844.16
22	40.669557	-84.203588	840.63	5.00	845.63
23	40.668048	-84.203574	839.77	5.00	844.77
24	40.666580	-84.203560	841.80	5.00	846.80
25	40.665394	-84.203548	844.11	5.00	849.11
26	40.662086	-84.203524	848.21	5.00	853.21

Name: West Hume Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664194	-84.222567	834.60	5.00	839.61
2	40.664175	-84.222320	834.43	5.00	839.43
3	40.664188	-84.221017	837.33	5.00	842.33
4	40.664184	-84.219386	835.71	5.00	840.71
5	40.664192	-84.217777	835.85	5.00	840.85
6	40.664204	-84.215727	840.86	5.00	845.86
7	40.664215	-84.214547	840.24	5.00	845.24
8	40.664221	-84.212820	838.63	5.00	843.63
9	40.664233	-84.210830	840.89	5.00	845.89
10	40.664235	-84.209328	844.27	5.00	849.27
11	40.664247	-84.207399	844.32	5.00	849.32
12	40.664243	-84.205291	841.19	5.00	846.19
13	40.664269	-84.203529	842.52	5.00	847.52

Name: Zerkle Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671428	-84.222677	846.35	5.00	851.35
2	40.671418	-84.223419	846.49	5.00	851.49
3	40.671408	-84.224507	851.09	5.00	856.09
4	40.671404	-84.225382	851.97	5.00	856.97
5	40.671403	-84.226428	849.44	5.00	854.44
6	40.671391	-84.227083	849.08	5.00	854.08
7	40.671391	-84.227873	849.94	5.00	854.94
8	40.671387	-84.228638	848.02	5.00	853.02
9	40.671387	-84.230167	844.17	5.00	849.17
10	40.671382	-84.230987	844.15	5.00	849.15
11	40.671375	-84.231960	845.29	5.00	850.29
12	40.671371	-84.232964	847.79	5.00	852.79
13	40.671370	-84.234175	851.25	5.00	856.25
14	40.671359	-84.235462	852.70	5.00	857.70
15	40.671361	-84.236770	853.76	5.00	858.76
16	40.671356	-84.237899	854.54	5.00	859.54
17	40.671350	-84.239029	854.56	5.00	859.56
18	40.671349	-84.239725	854.10	5.00	859.10
19	40.671348	-84.240434	854.10	5.00	859.10
20	40.671345	-84.241804	848.27	5.00	853.27

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	ft	ft	ft
OP 1	40.740549	-84.118333	868.53	500.02	1368.56
OP 2	40.735693	-84.086896	885.19	500.02	1385.21
OP 3	40.679915	-84.240753	872.65	25.00	897.65
OP 4	40.674504	-84.241343	865.28	25.00	890.28
OP 5	40.671022	-84.238425	855.82	25.00	880.82
OP 6	40.671624	-84.233607	850.92	25.00	875.92
OP 7	40.671046	-84.229509	846.50	25.00	871.50
OP 8	40.671209	-84.227985	849.59	25.00	874.60
OP 9	40.671144	-84.225443	850.53	25.00	875.53
OP 10	40.671746	-84.224037	849.50	25.00	874.50
OP 11	40.674179	-84.222331	855.08	25.00	880.08
OP 12	40.673129	-84.222235	850.80	25.00	875.80
OP 13	40.669638	-84.222310	846.20	25.00	871.20
OP 14	40.667734	-84.223629	840.21	25.00	865.21
OP 15	40.657048	-84.239862	844.73	25.00	869.73
OP 16	40.654069	-84.238189	845.06	25.00	870.06
OP 17	40.653931	-84.232577	839.57	25.00	864.57
OP 18	40.653442	-84.229048	846.21	25.00	871.21
OP 19	40.652978	-84.225282	846.64	25.00	871.64
OP 20	40.653768	-84.220250	847.63	25.00	872.63
OP 21	40.654419	-84.219048	846.49	25.00	871.49
OP 22	40.654623	-84.217621	845.29	25.00	870.29
OP 23	40.663909	-84.220904	837.77	25.00	862.77
OP 24	40.664519	-84.214317	842.58	25.00	867.58
OP 25	40.663852	-84.210465	844.83	25.00	869.83
OP 26	40.664698	-84.209661	842.50	25.00	867.50
OP 27	40.669134	-84.203942	845.99	25.00	870.99
OP 28	40.669427	-84.203062	842.77	25.00	867.77
OP 29	40.683837	-84.226644	882.57	25.00	907.57
OP 30	40.681767	-84.223162	873.08	25.00	898.08
OP 31	40.680840	-84.222395	871.18	25.00	896.19
OP 32	40.679697	-84.222508	869.16	25.00	894.16

PV Array Results

Summary of PV Glare Analysis PV configuration and predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
401	SA tracking	SA tracking	0	0	-	-
402	SA tracking	SA tracking	0	0	-	-
403	SA tracking	SA tracking	0	0	-	-
404	SA tracking	SA tracking	0	0	-	-
405	SA tracking	SA tracking	0	0	-	-
406	SA tracking	SA tracking	0	0	-	-
407	SA tracking	SA tracking	0	0	-	-
408	SA tracking	SA tracking	0	0	-	-
409	SA tracking	SA tracking	0	0	-	-
410	SA tracking	SA tracking	0	0	-	-
411	SA tracking	SA tracking	0	0	-	-
412	SA tracking	SA tracking	0	0	-	-
413	SA tracking	SA tracking	0	0	-	-
414	SA tracking	SA tracking	0	0	-	-
415	SA tracking	SA tracking	0	0	-	-
416	SA tracking	SA tracking	0	0	-	-
417	SA tracking	SA tracking	0	0	-	-
418	SA tracking	SA tracking	0	0	-	-
419	SA tracking	SA tracking	0	0	-	-
420	SA tracking	SA tracking	0	0	-	-

Click the name of the PV array to scroll to its results

PV & Receptor Analysis Results detailed results for each PV array and receptor

401 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

403 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

404 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

409 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

411 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

413 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

415 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results for large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Glare vector plots are simplified representations of analysis data. Actual glare emanations and results may differ.
- Glare analysis methods used: OP V1, FP V1, Route V1
- Refer to the **Help page** for assumptions and limitations not listed here.

Site Configuration: Block 4 5 ft veh 10 ft pan

Project site configuration details and results.

Created **Jan. 14, 2021 4:48 p.m.**
Updated **Jan. 15, 2021 12:09 a.m.**
DNI **varies** and peaks at **1,000.0 W/m^2**
Analyze every **1** minute(s)
0.5 ocular transmission coefficient
0.002 m pupil diameter
0.017 m eye focal length
9.3 mrad sun subtended angle
Timezone **UTC-5**
Site Configuration ID: 48060.8653

Summary of Results No glare predicted!

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
401	SA tracking	SA tracking	0	0	-
402	SA tracking	SA tracking	0	0	-
403	SA tracking	SA tracking	0	0	-
404	SA tracking	SA tracking	0	0	-
405	SA tracking	SA tracking	0	0	-
406	SA tracking	SA tracking	0	0	-
407	SA tracking	SA tracking	0	0	-
408	SA tracking	SA tracking	0	0	-
409	SA tracking	SA tracking	0	0	-
410	SA tracking	SA tracking	0	0	-
411	SA tracking	SA tracking	0	0	-
412	SA tracking	SA tracking	0	0	-
413	SA tracking	SA tracking	0	0	-
414	SA tracking	SA tracking	0	0	-
415	SA tracking	SA tracking	0	0	-
416	SA tracking	SA tracking	0	0	-
417	SA tracking	SA tracking	0	0	-
418	SA tracking	SA tracking	0	0	-
419	SA tracking	SA tracking	0	0	-
420	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Name: 401
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,023,644 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.677942	-84.233681	852.68	10.00	862.68
2	40.677925	-84.234689	852.74	10.00	862.74
3	40.677576	-84.234700	852.12	10.00	862.12
4	40.677584	-84.236835	855.67	10.00	865.67
5	40.675993	-84.236900	850.70	10.00	860.70
6	40.674467	-84.236964	851.68	10.00	861.68
7	40.674463	-84.235070	849.30	10.00	859.30
8	40.674459	-84.233649	848.41	10.00	858.41
9	40.676152	-84.233665	849.10	10.00	859.10

Name: 402
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 925,450 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.674455	-84.236995	851.70	10.00	861.70
2	40.672990	-84.236947	854.18	10.00	864.18
3	40.671525	-84.236899	853.85	10.00	863.85
4	40.671550	-84.234474	850.45	10.00	860.45
5	40.671647	-84.234469	850.52	10.00	860.52
6	40.672591	-84.234485	847.23	10.00	857.23
7	40.672608	-84.232640	845.39	10.00	855.39
8	40.673080	-84.232650	844.20	10.00	854.20
9	40.673096	-84.233605	845.55	10.00	855.55
10	40.674447	-84.233648	848.41	10.00	858.41
11	40.674451	-84.235365	848.59	10.00	858.59

Name: 403
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 305,695 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671188	-84.232104	844.26	10.00	854.26
2	40.671196	-84.231020	842.40	10.00	852.41
3	40.670358	-84.230452	842.71	10.00	852.71
4	40.669268	-84.230344	842.87	10.00	852.87
5	40.669243	-84.232104	843.62	10.00	853.62



Name: 404
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 884,754 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670089	-84.228756	843.51	10.00	853.51
2	40.670081	-84.227308	846.77	10.00	856.77
3	40.670480	-84.227308	846.68	10.00	856.68
4	40.670480	-84.226589	849.74	10.00	859.74
5	40.670163	-84.226589	848.05	10.00	858.05
6	40.670171	-84.225280	847.82	10.00	857.83
7	40.669056	-84.225280	842.89	10.00	852.89
8	40.668104	-84.225323	845.33	10.00	855.33
9	40.667941	-84.225323	843.55	10.00	853.55
10	40.667917	-84.227244	852.17	10.00	862.18
11	40.667892	-84.229293	848.68	10.00	858.68
12	40.668739	-84.229282	852.29	10.00	862.29
13	40.669683	-84.229271	843.92	10.00	853.92
14	40.669699	-84.228799	845.61	10.00	855.61



Name: 405
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 823,118 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.673227	-84.220304	847.32	10.00	857.32
2	40.672006	-84.220883	845.13	10.00	855.13
3	40.671493	-84.221108	840.98	10.00	850.98
4	40.671518	-84.221859	844.96	10.00	854.96
5	40.671217	-84.221870	844.60	10.00	854.60
6	40.671209	-84.221108	840.82	10.00	850.82
7	40.670924	-84.221108	841.63	10.00	851.63
8	40.669988	-84.220658	840.48	10.00	850.48
9	40.670004	-84.219488	835.83	10.00	845.83
10	40.670826	-84.217772	834.11	10.00	844.11
11	40.671477	-84.217739	837.89	10.00	847.89
12	40.671502	-84.218083	839.43	10.00	849.43
13	40.673056	-84.218587	836.15	10.00	846.15
14	40.673072	-84.220035	845.49	10.00	855.50
15	40.673235	-84.220078	846.33	10.00	856.33

Name: 406
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 984,600 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.667644	-84.212407	834.32	10.00	844.32
2	40.670061	-84.212471	834.59	10.00	844.59
3	40.670045	-84.213619	834.70	10.00	844.70
4	40.670338	-84.213630	835.32	10.00	845.32
5	40.670314	-84.214199	834.06	10.00	844.06
6	40.669264	-84.214939	833.64	10.00	843.64
7	40.667465	-84.214896	836.85	10.00	846.85
8	40.666977	-84.214864	834.49	10.00	844.49
9	40.666074	-84.214810	833.59	10.00	843.59
10	40.666074	-84.213555	835.09	10.00	845.09
11	40.666074	-84.212353	836.88	10.00	846.88

Name: 407
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,050,800 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.665068	-84.212932	836.93	10.00	846.93
2	40.664385	-84.212954	837.52	10.00	847.52
3	40.664377	-84.212310	837.24	10.00	847.24
4	40.666078	-84.212342	836.91	10.00	846.91
5	40.666089	-84.214804	833.61	10.00	843.61
6	40.666661	-84.214858	833.97	10.00	843.97
7	40.666653	-84.216022	834.46	10.00	844.46
8	40.666677	-84.217256	837.14	10.00	847.14
9	40.666651	-84.219638	833.60	10.00	843.60
10	40.666094	-84.219616	838.26	10.00	848.26
11	40.665101	-84.219638	837.70	10.00	847.70
12	40.665085	-84.216312	834.40	10.00	844.40

Name: 408
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 909,067 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.666660	-84.215240	833.98	10.00	843.98
2	40.667303	-84.215245	835.38	10.00	845.38
3	40.668047	-84.215272	833.85	10.00	843.85
4	40.668053	-84.216945	834.59	10.00	844.60
5	40.668068	-84.218673	831.29	10.00	841.29
6	40.667286	-84.220459	834.94	10.00	844.94
7	40.666473	-84.222321	829.84	10.00	839.84
8	40.665878	-84.222353	833.22	10.00	843.22
9	40.665895	-84.221097	833.66	10.00	843.66
10	40.665903	-84.219617	838.23	10.00	848.23
11	40.666643	-84.219633	833.63	10.00	843.63
12	40.666664	-84.217380	837.37	10.00	847.37

Name: 409
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 710,160 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.665089	-84.215647	835.57	10.00	845.57
2	40.664332	-84.215647	840.27	10.00	850.27
3	40.664324	-84.217297	835.43	10.00	845.43
4	40.664316	-84.218989	836.22	10.00	846.22
5	40.664308	-84.220612	836.69	10.00	846.69
6	40.664300	-84.222363	833.26	10.00	843.26
7	40.665073	-84.222358	833.96	10.00	843.96
8	40.665887	-84.222353	833.25	10.00	843.25
9	40.665895	-84.220963	833.75	10.00	843.75
10	40.665903	-84.219606	838.21	10.00	848.21
11	40.665097	-84.219649	837.71	10.00	847.71
12	40.665089	-84.217670	833.98	10.00	843.98
13	40.665089	-84.216632	834.13	10.00	844.13

Name: 410
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 963,672 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.663925	-84.212944	838.02	10.00	848.02
2	40.663929	-84.212602	838.36	10.00	848.36
3	40.663933	-84.212268	838.90	10.00	848.90
4	40.663493	-84.212269	839.61	10.00	849.61
5	40.663069	-84.212270	842.42	10.00	852.42
6	40.662639	-84.212272	841.41	10.00	851.41
7	40.662237	-84.212273	841.16	10.00	851.16
8	40.660702	-84.212278	845.01	10.00	855.01
9	40.660690	-84.213362	844.36	10.00	854.36
10	40.660678	-84.214510	845.08	10.00	855.08
11	40.660693	-84.216205	846.09	10.00	856.09
12	40.661189	-84.216192	844.70	10.00	854.71
13	40.661679	-84.216173	839.59	10.00	849.59
14	40.662351	-84.216146	839.69	10.00	849.69
15	40.662679	-84.216134	838.09	10.00	848.09
16	40.663022	-84.216119	837.56	10.00	847.57
17	40.663024	-84.215042	838.81	10.00	848.81
18	40.663027	-84.214513	840.05	10.00	850.05
19	40.663030	-84.214000	840.22	10.00	850.22
20	40.663026	-84.212997	841.66	10.00	851.66
21	40.663490	-84.212970	838.88	10.00	848.88

Name: 411
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,015,583 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.660678	-84.214016	843.69	10.00	853.69
2	40.659962	-84.214022	845.56	10.00	855.56
3	40.659343	-84.214027	847.31	10.00	857.31
4	40.659355	-84.215170	848.75	10.00	858.75
5	40.659335	-84.216398	845.13	10.00	855.13
6	40.658204	-84.216393	843.83	10.00	853.83
7	40.657073	-84.216430	846.65	10.00	856.65
8	40.657073	-84.217407	845.60	10.00	855.60
9	40.657073	-84.218405	846.00	10.00	856.00
10	40.658873	-84.218354	847.24	10.00	857.24
11	40.660711	-84.218297	842.18	10.00	852.18
12	40.660702	-84.217248	842.72	10.00	852.72
13	40.660698	-84.216379	845.61	10.00	855.62
14	40.660694	-84.216109	846.28	10.00	856.28
15	40.660674	-84.215186	847.17	10.00	857.17

Name: 412
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,020,268 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.660695	-84.216206	846.15	10.00	856.15
2	40.661290	-84.216190	843.03	10.00	853.03
3	40.661881	-84.216163	839.68	10.00	849.68
4	40.661903	-84.216741	838.65	10.00	848.65
5	40.661943	-84.217106	838.59	10.00	848.60
6	40.662269	-84.217073	838.42	10.00	848.42
7	40.662269	-84.217728	840.58	10.00	850.58
8	40.662698	-84.217712	840.02	10.00	850.02
9	40.663159	-84.217696	835.46	10.00	845.46
10	40.663618	-84.217677	835.00	10.00	845.00
11	40.664072	-84.217658	834.52	10.00	844.52
12	40.664061	-84.218215	833.97	10.00	843.97
13	40.664050	-84.218782	833.71	10.00	843.71
14	40.664043	-84.219363	833.91	10.00	843.91
15	40.664037	-84.219958	834.52	10.00	844.52
16	40.663680	-84.219966	834.19	10.00	844.19
17	40.663377	-84.219973	833.74	10.00	843.74
18	40.663366	-84.220422	834.35	10.00	844.35
19	40.662765	-84.220415	833.95	10.00	843.95
20	40.661313	-84.220450	840.46	10.00	850.46
21	40.661024	-84.220432	840.84	10.00	850.84
22	40.661026	-84.219214	843.24	10.00	853.24
23	40.661018	-84.218326	841.74	10.00	851.74
24	40.660711	-84.218303	842.18	10.00	852.18
25	40.660705	-84.217326	842.45	10.00	852.45

Name: 413
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 754,375 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.657077	-84.218402	846.09	10.00	856.09
2	40.657067	-84.221555	841.47	10.00	851.47
3	40.657058	-84.224731	845.03	10.00	855.03
4	40.657049	-84.227919	841.33	10.00	851.33
5	40.657045	-84.229500	836.72	10.00	846.72
6	40.657040	-84.231107	833.97	10.00	843.97
7	40.657473	-84.231094	837.92	10.00	847.92
8	40.657821	-84.231086	832.20	10.00	842.20
9	40.657862	-84.218383	848.94	10.00	858.94

Name: 414
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 978,684 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.657874	-84.218382	848.89	10.00	858.89
2	40.659091	-84.218350	846.57	10.00	856.57
3	40.659697	-84.218326	844.04	10.00	854.04
4	40.660291	-84.218318	841.76	10.00	851.76
5	40.660307	-84.222545	839.25	10.00	849.25
6	40.659070	-84.222572	840.57	10.00	850.57
7	40.657850	-84.222599	840.18	10.00	850.18
8	40.657856	-84.221504	839.12	10.00	849.12
9	40.657862	-84.220458	842.45	10.00	852.45
10	40.657862	-84.219402	846.43	10.00	856.43

Name: 415
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,011,866 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.657829	-84.230603	837.41	10.00	847.41
2	40.658808	-84.230614	831.03	10.00	841.03
3	40.659807	-84.230625	833.61	10.00	843.61
4	40.659815	-84.229343	832.87	10.00	842.87
5	40.659823	-84.228028	832.76	10.00	842.76
6	40.659809	-84.225346	834.34	10.00	844.34
7	40.658793	-84.225346	837.82	10.00	847.82
8	40.657838	-84.225389	843.27	10.00	853.28
9	40.657831	-84.227975	838.43	10.00	848.43
10	40.657830	-84.229273	839.45	10.00	849.45

Name: 416
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,046,150 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.657858	-84.222586	840.09	10.00	850.09
2	40.659119	-84.222569	840.75	10.00	850.75
3	40.660310	-84.222538	839.25	10.00	849.25
4	40.660302	-84.221529	842.16	10.00	852.16
5	40.660787	-84.221517	839.80	10.00	849.80
6	40.661280	-84.221505	837.64	10.00	847.64
7	40.661262	-84.223404	834.47	10.00	844.47
8	40.661215	-84.225314	832.83	10.00	842.83
9	40.657821	-84.225368	843.37	10.00	853.37
10	40.657850	-84.223898	841.96	10.00	851.96

Name: 417
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,037,134 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.659805	-84.230622	833.61	10.00	843.61
2	40.660191	-84.230521	836.03	10.00	846.03
3	40.660629	-84.230421	830.40	10.00	840.40
4	40.661103	-84.229136	830.41	10.00	840.41
5	40.661557	-84.227910	834.66	10.00	844.66
6	40.661677	-84.226980	832.11	10.00	842.12
7	40.661793	-84.226102	831.83	10.00	841.83
8	40.662266	-84.225712	832.13	10.00	842.13
9	40.662727	-84.225300	831.15	10.00	841.15
10	40.662711	-84.224174	832.75	10.00	842.75
11	40.661983	-84.224186	833.56	10.00	843.57
12	40.661244	-84.224187	833.74	10.00	843.74
13	40.661217	-84.224747	833.50	10.00	843.50
14	40.661207	-84.225325	832.82	10.00	842.82
15	40.659801	-84.225335	834.39	10.00	844.39
16	40.659810	-84.226646	833.74	10.00	843.74
17	40.659822	-84.227973	832.74	10.00	842.74
18	40.659814	-84.229276	832.89	10.00	842.89

Name: 418
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,062,816 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.661016	-84.220442	840.81	10.00	850.81
2	40.661024	-84.219415	843.23	10.00	853.23
3	40.661024	-84.218307	841.63	10.00	851.63
4	40.660291	-84.218307	841.74	10.00	851.74
5	40.660303	-84.219917	843.12	10.00	853.12
6	40.660316	-84.221526	842.18	10.00	852.18
7	40.660806	-84.221521	839.63	10.00	849.63
8	40.661292	-84.221494	837.75	10.00	847.75
9	40.661268	-84.222827	835.20	10.00	845.20
10	40.661243	-84.224187	833.74	10.00	843.74
11	40.664067	-84.224165	833.72	10.00	843.73
12	40.664076	-84.223210	833.41	10.00	843.41
13	40.663750	-84.223221	833.21	10.00	843.21
14	40.663742	-84.222577	833.21	10.00	843.21
15	40.663396	-84.222567	833.98	10.00	843.99
16	40.663009	-84.222556	836.03	10.00	846.03
17	40.663022	-84.221484	833.59	10.00	843.59
18	40.663035	-84.220417	833.54	10.00	843.54

Name: 419
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 268,841 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.661911	-84.226011	832.17	10.00	842.17
2	40.663905	-84.225871	830.21	10.00	840.21
3	40.664165	-84.225592	829.66	10.00	839.66
4	40.664181	-84.224165	833.56	10.00	843.56
5	40.663449	-84.224165	832.88	10.00	842.88
6	40.662716	-84.224165	832.75	10.00	842.75
7	40.662733	-84.225302	831.15	10.00	841.15



Name: 420
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 213,582 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664076	-84.217138	837.28	10.00	847.28
2	40.663551	-84.217122	836.12	10.00	846.12
3	40.663026	-84.217106	836.76	10.00	846.76
4	40.663022	-84.216078	837.63	10.00	847.63
5	40.663026	-84.215040	838.83	10.00	848.83
6	40.663543	-84.215040	838.47	10.00	848.47
7	40.664067	-84.215046	838.64	10.00	848.64
8	40.664072	-84.216081	839.76	10.00	849.76



2-Mile Flight Path Receptor(s)

Name: Allen County Airport Runway 10
Description:
Threshold height : 50 ft
Direction: 90.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706950	-84.038757	946.44	50.00	996.44
2-mile point	40.706950	-84.076942	904.00	645.90	1549.90



Name: Allen County Airport Runway 28
Description:
Threshold height : 50 ft
Direction: 270.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706946	-84.017749	975.51	50.00	1025.51
2-mile point	40.706946	-83.979564	980.77	598.20	1578.97



Name: Youngpeter Airport North Approach
Description:
Threshold height : 50 ft
Direction: 0.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.780297	-84.368399	803.72	50.00	853.72
2-mile point	40.751384	-84.368399	808.77	598.41	1407.18



Name: Youngpeter Airport South Approach
Description:
Threshold height : 50 ft
Direction: 180.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.786471	-84.368410	791.74	50.00	841.74
2-mile point	40.815384	-84.368410	782.35	612.85	1395.20



Route Receptor(s)

Name: Bowsher Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.689185	-84.241974	863.50	5.00	868.50
2	40.687578	-84.241958	865.38	5.00	870.38
3	40.684654	-84.241905	869.58	5.00	874.58
4	40.683441	-84.241915	872.12	5.00	877.12
5	40.682294	-84.241899	874.21	5.00	879.21
6	40.681367	-84.241894	873.49	5.00	878.49
7	40.679349	-84.241915	872.92	5.00	877.92
8	40.678535	-84.241889	869.57	5.00	874.57
9	40.677722	-84.241856	866.83	5.00	871.83
10	40.676253	-84.241848	865.10	5.00	870.10
11	40.674825	-84.241840	858.92	5.00	863.92
12	40.673771	-84.241840	854.93	5.00	859.93
13	40.672766	-84.241819	850.25	5.00	855.25
14	40.671961	-84.241819	848.19	5.00	853.19
15	40.671356	-84.241808	848.19	5.00	853.19
16	40.670763	-84.241805	845.63	5.00	850.63
17	40.669577	-84.241792	842.06	5.00	847.07
18	40.668965	-84.241784	842.33	5.00	847.33
19	40.668383	-84.241778	840.37	5.00	845.37
20	40.667794	-84.241774	838.32	5.00	843.32
21	40.667218	-84.241770	837.54	5.00	842.54
22	40.666028	-84.241757	837.46	5.00	842.46
23	40.664860	-84.241745	836.07	5.00	841.07
24	40.663682	-84.241729	832.64	5.00	837.64
25	40.662523	-84.241719	832.64	5.00	837.64
26	40.661312	-84.241708	831.42	5.00	836.42
27	40.660125	-84.241697	831.03	5.00	836.03
28	40.658964	-84.241692	822.45	5.00	827.45
29	40.657834	-84.241673	834.69	5.00	839.69
30	40.656669	-84.241665	838.33	5.00	843.33
31	40.655499	-84.241632	840.87	5.00	845.87
32	40.653182	-84.241619	840.14	5.00	845.14

Name: National Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.653242	-84.241623	840.38	5.00	845.38
2	40.653251	-84.240298	841.71	5.00	846.71
3	40.653242	-84.238927	842.78	5.00	847.78
4	40.653240	-84.237287	840.56	5.00	845.56
5	40.653248	-84.235655	838.44	5.00	843.44
6	40.653242	-84.234747	840.67	5.00	845.67
7	40.653245	-84.233879	840.54	5.00	845.54
8	40.653243	-84.232152	838.45	5.00	843.45
9	40.653233	-84.230995	837.40	5.00	842.40
10	40.653240	-84.229851	844.63	5.00	849.63
11	40.653241	-84.227624	843.89	5.00	848.89
12	40.653257	-84.225947	844.62	5.00	849.62
13	40.653241	-84.224148	843.29	5.00	848.29
14	40.653248	-84.222579	843.81	5.00	848.81
15	40.653251	-84.221037	845.06	5.00	850.06
16	40.653258	-84.217955	846.57	5.00	851.57
17	40.653262	-84.216530	848.69	5.00	853.69

Name: Railroad
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670162	-84.191447	844.87	15.00	859.87
2	40.668437	-84.194016	844.81	15.00	859.81
3	40.667155	-84.195910	845.51	15.00	860.51
4	40.666232	-84.197294	847.53	15.00	862.53
5	40.665003	-84.199166	848.47	15.00	863.47
6	40.663892	-84.200861	847.31	15.00	862.31
7	40.662582	-84.202846	846.94	15.00	861.94
8	40.661796	-84.203984	846.22	15.00	861.23
9	40.661039	-84.205142	843.83	15.00	858.83
10	40.659544	-84.207358	844.53	15.00	859.53
11	40.658052	-84.209557	847.78	15.00	862.78
12	40.657145	-84.210963	848.99	15.00	863.99
13	40.656591	-84.211794	849.13	15.00	864.13
14	40.655332	-84.213656	849.92	15.00	864.92
15	40.654382	-84.215085	849.87	15.00	864.87
16	40.653316	-84.216687	849.16	15.00	864.16

Name: South Kemp Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685970	-84.222805	874.03	5.00	879.03
2	40.685024	-84.222802	871.21	5.00	876.21
3	40.683921	-84.222794	872.69	5.00	877.69
4	40.683376	-84.222783	875.06	5.00	880.06
5	40.682591	-84.222790	873.05	5.00	878.05
6	40.681574	-84.222781	869.55	5.00	874.55
7	40.681037	-84.222783	867.34	5.00	872.34
8	40.679733	-84.222774	867.76	5.00	872.76
9	40.679049	-84.222761	864.35	5.00	869.35
10	40.678334	-84.222756	859.43	5.00	864.43
11	40.677482	-84.222746	856.75	5.00	861.75
12	40.677026	-84.222740	855.80	5.00	860.80
13	40.676277	-84.222731	856.01	5.00	861.01
14	40.675519	-84.222727	855.08	5.00	860.08
15	40.674829	-84.222732	852.90	5.00	857.90
16	40.674166	-84.222727	854.48	5.00	859.48
17	40.673393	-84.222713	851.87	5.00	856.87
18	40.672878	-84.222708	850.62	5.00	855.62
19	40.672250	-84.222687	849.14	5.00	854.14
20	40.671151	-84.222676	843.47	5.00	848.47
21	40.664287	-84.222625	834.46	5.00	839.46

Name: S Wapakoneta Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686108	-84.203756	863.93	5.00	868.93
2	40.685427	-84.203755	859.88	5.00	864.88
3	40.684717	-84.203744	857.16	5.00	862.16
4	40.683843	-84.203739	852.37	5.00	857.37
5	40.682971	-84.203725	850.06	5.00	855.06
6	40.681809	-84.203720	848.70	5.00	853.70
7	40.681074	-84.203704	846.77	5.00	851.78
8	40.680339	-84.203700	846.99	5.00	851.99
9	40.679512	-84.203696	844.10	5.00	849.10
10	40.678660	-84.203680	840.91	5.00	845.91
11	40.677829	-84.203666	839.72	5.00	844.72
12	40.676972	-84.203661	841.45	5.00	846.45
13	40.675934	-84.203639	841.01	5.00	846.01
14	40.674681	-84.203627	840.14	5.00	845.14
15	40.674321	-84.203630	839.44	5.00	844.44
16	40.673687	-84.203615	838.85	5.00	843.85
17	40.673213	-84.203610	839.19	5.00	844.19
18	40.672454	-84.203607	839.24	5.00	844.24
19	40.671691	-84.203606	841.32	5.00	846.32
20	40.671060	-84.203591	840.96	5.00	845.96
21	40.670509	-84.203595	839.16	5.00	844.16
22	40.669557	-84.203588	840.63	5.00	845.63
23	40.668048	-84.203574	839.77	5.00	844.77
24	40.666580	-84.203560	841.80	5.00	846.80
25	40.665394	-84.203548	844.11	5.00	849.11
26	40.662086	-84.203524	848.21	5.00	853.21

Name: West Hume Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664194	-84.222567	834.60	5.00	839.61
2	40.664175	-84.222320	834.43	5.00	839.43
3	40.664188	-84.221017	837.33	5.00	842.33
4	40.664184	-84.219386	835.71	5.00	840.71
5	40.664192	-84.217777	835.85	5.00	840.85
6	40.664204	-84.215727	840.86	5.00	845.86
7	40.664215	-84.214547	840.24	5.00	845.24
8	40.664221	-84.212820	838.63	5.00	843.63
9	40.664233	-84.210830	840.89	5.00	845.89
10	40.664235	-84.209328	844.27	5.00	849.27
11	40.664247	-84.207399	844.32	5.00	849.32
12	40.664243	-84.205291	841.19	5.00	846.19
13	40.664269	-84.203529	842.52	5.00	847.52

Name: Zerkle Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671428	-84.222677	846.35	5.00	851.35
2	40.671418	-84.223419	846.49	5.00	851.49
3	40.671408	-84.224507	851.09	5.00	856.09
4	40.671404	-84.225382	851.97	5.00	856.97
5	40.671403	-84.226428	849.44	5.00	854.44
6	40.671391	-84.227083	849.08	5.00	854.08
7	40.671391	-84.227873	849.94	5.00	854.94
8	40.671387	-84.228638	848.02	5.00	853.02
9	40.671387	-84.230167	844.17	5.00	849.17
10	40.671382	-84.230987	844.15	5.00	849.15
11	40.671375	-84.231960	845.29	5.00	850.29
12	40.671371	-84.232964	847.79	5.00	852.79
13	40.671370	-84.234175	851.25	5.00	856.25
14	40.671359	-84.235462	852.70	5.00	857.70
15	40.671361	-84.236770	853.76	5.00	858.76
16	40.671356	-84.237899	854.54	5.00	859.54
17	40.671350	-84.239029	854.56	5.00	859.56
18	40.671349	-84.239725	854.10	5.00	859.10
19	40.671348	-84.240434	854.10	5.00	859.10
20	40.671345	-84.241804	848.27	5.00	853.27

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	ft	ft	ft
OP 1	40.740549	-84.118333	868.53	500.02	1368.56
OP 2	40.735693	-84.086896	885.19	500.02	1385.21
OP 3	40.679915	-84.240753	872.65	25.00	897.65
OP 4	40.674504	-84.241343	865.28	25.00	890.28
OP 5	40.671022	-84.238425	855.82	25.00	880.82
OP 6	40.671624	-84.233607	850.92	25.00	875.92
OP 7	40.671046	-84.229509	846.50	25.00	871.50
OP 8	40.671209	-84.227985	849.59	25.00	874.60
OP 9	40.671144	-84.225443	850.53	25.00	875.53
OP 10	40.671746	-84.224037	849.50	25.00	874.50
OP 11	40.674179	-84.222331	855.08	25.00	880.08
OP 12	40.673129	-84.222235	850.80	25.00	875.80
OP 13	40.669638	-84.222310	846.20	25.00	871.20
OP 14	40.667734	-84.223629	840.21	25.00	865.21
OP 15	40.657048	-84.239862	844.73	25.00	869.73
OP 16	40.654069	-84.238189	845.06	25.00	870.06
OP 17	40.653931	-84.232577	839.57	25.00	864.57
OP 18	40.653442	-84.229048	846.21	25.00	871.21
OP 19	40.652978	-84.225282	846.64	25.00	871.64
OP 20	40.653768	-84.220250	847.63	25.00	872.63
OP 21	40.654419	-84.219048	846.49	25.00	871.49
OP 22	40.654623	-84.217621	845.29	25.00	870.29
OP 23	40.663909	-84.220904	837.77	25.00	862.77
OP 24	40.664519	-84.214317	842.58	25.00	867.58
OP 25	40.663852	-84.210465	844.83	25.00	869.83
OP 26	40.664698	-84.209661	842.50	25.00	867.50
OP 27	40.669134	-84.203942	845.99	25.00	870.99
OP 28	40.669427	-84.203062	842.77	25.00	867.77
OP 29	40.683837	-84.226644	882.57	25.00	907.57
OP 30	40.681767	-84.223162	873.08	25.00	898.08
OP 31	40.680840	-84.222395	871.18	25.00	896.19
OP 32	40.679697	-84.222508	869.16	25.00	894.16

PV Array Results

Summary of PV Glare Analysis PV configuration and predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
401	SA tracking	SA tracking	0	0	-	-
402	SA tracking	SA tracking	0	0	-	-
403	SA tracking	SA tracking	0	0	-	-
404	SA tracking	SA tracking	0	0	-	-
405	SA tracking	SA tracking	0	0	-	-
406	SA tracking	SA tracking	0	0	-	-
407	SA tracking	SA tracking	0	0	-	-
408	SA tracking	SA tracking	0	0	-	-
409	SA tracking	SA tracking	0	0	-	-
410	SA tracking	SA tracking	0	0	-	-
411	SA tracking	SA tracking	0	0	-	-
412	SA tracking	SA tracking	0	0	-	-
413	SA tracking	SA tracking	0	0	-	-
414	SA tracking	SA tracking	0	0	-	-
415	SA tracking	SA tracking	0	0	-	-
416	SA tracking	SA tracking	0	0	-	-
417	SA tracking	SA tracking	0	0	-	-
418	SA tracking	SA tracking	0	0	-	-
419	SA tracking	SA tracking	0	0	-	-
420	SA tracking	SA tracking	0	0	-	-

Click the name of the PV array to scroll to its results

PV & Receptor Analysis Results detailed results for each PV array and receptor

401 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

403 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

404 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

409 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

411 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

413 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

415 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results for large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Glare vector plots are simplified representations of analysis data. Actual glare emanations and results may differ.
- Glare analysis methods used: OP V1, FP V1, Route V1
- Refer to the **Help page** for assumptions and limitations not listed here.

Site Configuration: Block 4 9 ft veh 5 ft pan

Project site configuration details and results.

Created **Jan. 14, 2021 3:57 p.m.**
Updated **Jan. 14, 2021 11:47 p.m.**
DNI **varies** and peaks at **1,000.0 W/m^2**
Analyze every **1** minute(s)
0.5 ocular transmission coefficient
0.002 m pupil diameter
0.017 m eye focal length
9.3 mrad sun subtended angle
Timezone **UTC-5**
Site Configuration ID: 48057.8653

Summary of Results No glare predicted!

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
401	SA tracking	SA tracking	0	0	-
402	SA tracking	SA tracking	0	0	-
403	SA tracking	SA tracking	0	0	-
404	SA tracking	SA tracking	0	0	-
405	SA tracking	SA tracking	0	0	-
406	SA tracking	SA tracking	0	0	-
407	SA tracking	SA tracking	0	0	-
408	SA tracking	SA tracking	0	0	-
409	SA tracking	SA tracking	0	0	-
410	SA tracking	SA tracking	0	0	-
411	SA tracking	SA tracking	0	0	-
412	SA tracking	SA tracking	0	0	-
413	SA tracking	SA tracking	0	0	-
414	SA tracking	SA tracking	0	0	-
415	SA tracking	SA tracking	0	0	-
416	SA tracking	SA tracking	0	0	-
417	SA tracking	SA tracking	0	0	-
418	SA tracking	SA tracking	0	0	-
419	SA tracking	SA tracking	0	0	-
420	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Name: 401
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,023,644 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.677942	-84.233681	852.68	5.00	857.68
2	40.677925	-84.234689	852.74	5.00	857.74
3	40.677576	-84.234700	852.12	5.00	857.12
4	40.677584	-84.236835	855.67	5.00	860.67
5	40.675993	-84.236900	850.70	5.00	855.70
6	40.674467	-84.236964	851.68	5.00	856.68
7	40.674463	-84.235070	849.30	5.00	854.30
8	40.674459	-84.233649	848.41	5.00	853.41
9	40.676152	-84.233665	849.10	5.00	854.10

Name: 402
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 925,450 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.674455	-84.236995	851.70	5.00	856.70
2	40.672990	-84.236947	854.18	5.00	859.18
3	40.671525	-84.236899	853.85	5.00	858.85
4	40.671550	-84.234474	850.45	5.00	855.45
5	40.671647	-84.234469	850.52	5.00	855.52
6	40.672591	-84.234485	847.23	5.00	852.23
7	40.672608	-84.232640	845.39	5.00	850.39
8	40.673080	-84.232650	844.20	5.00	849.20
9	40.673096	-84.233605	845.55	5.00	850.55
10	40.674447	-84.233648	848.41	5.00	853.41
11	40.674451	-84.235365	848.59	5.00	853.59

Name: 403
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 305,695 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671188	-84.232104	844.26	5.00	849.26
2	40.671196	-84.231020	842.40	5.00	847.41
3	40.670358	-84.230452	842.71	5.00	847.71
4	40.669268	-84.230344	842.87	5.00	847.87
5	40.669243	-84.232104	843.62	5.00	848.62



Name: 404
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 884,752 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670089	-84.228756	843.51	5.00	848.51
2	40.670081	-84.227308	846.77	5.00	851.77
3	40.670480	-84.227308	846.68	5.00	851.68
4	40.670480	-84.226589	849.74	5.00	854.74
5	40.670163	-84.226589	848.05	5.00	853.05
6	40.670171	-84.225280	847.82	5.00	852.83
7	40.669056	-84.225280	842.89	5.00	847.89
8	40.668104	-84.225323	845.33	5.00	850.33
9	40.667941	-84.225323	843.55	5.00	848.55
10	40.667917	-84.227244	852.17	5.00	857.17
11	40.667892	-84.229293	848.68	5.00	853.68
12	40.668739	-84.229282	852.29	5.00	857.29
13	40.669683	-84.229271	843.92	5.00	848.92
14	40.669699	-84.228799	845.61	5.00	850.61



Name: 405
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 823,118 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.673227	-84.220304	847.32	5.00	852.32
2	40.672006	-84.220883	845.13	5.00	850.13
3	40.671493	-84.221108	840.98	5.00	845.98
4	40.671518	-84.221859	844.96	5.00	849.96
5	40.671217	-84.221870	844.60	5.00	849.60
6	40.671209	-84.221108	840.82	5.00	845.82
7	40.670924	-84.221108	841.63	5.00	846.63
8	40.669988	-84.220658	840.48	5.00	845.48
9	40.670004	-84.219488	835.83	5.00	840.83
10	40.670826	-84.217772	834.11	5.00	839.11
11	40.671477	-84.217739	837.89	5.00	842.89
12	40.671502	-84.218083	839.43	5.00	844.43
13	40.673056	-84.218587	836.15	5.00	841.15
14	40.673072	-84.220035	845.49	5.00	850.49
15	40.673235	-84.220078	846.33	5.00	851.33

Name: 406
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 984,600 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.667644	-84.212407	834.32	5.00	839.32
2	40.670061	-84.212471	834.59	5.00	839.59
3	40.670045	-84.213619	834.70	5.00	839.70
4	40.670338	-84.213630	835.32	5.00	840.32
5	40.670314	-84.214199	834.06	5.00	839.06
6	40.669264	-84.214939	833.64	5.00	838.64
7	40.667465	-84.214896	836.85	5.00	841.85
8	40.666977	-84.214864	834.49	5.00	839.49
9	40.666074	-84.214810	833.59	5.00	838.59
10	40.666074	-84.213555	835.09	5.00	840.09
11	40.666074	-84.212353	836.88	5.00	841.88

Name: 407
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,051,811 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.665068	-84.212932	836.93	5.00	841.93
2	40.664385	-84.212954	837.52	5.00	842.52
3	40.664377	-84.212310	837.24	5.00	842.24
4	40.666086	-84.212342	836.96	5.00	841.96
5	40.666089	-84.214804	833.61	5.00	838.61
6	40.666661	-84.214858	833.97	5.00	838.97
7	40.666653	-84.216022	834.46	5.00	839.46
8	40.666677	-84.217256	837.14	5.00	842.14
9	40.666651	-84.219638	833.60	5.00	838.60
10	40.666094	-84.219616	838.26	5.00	843.26
11	40.665101	-84.219638	837.70	5.00	842.70
12	40.665085	-84.216312	834.40	5.00	839.40

Name: 408
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 906,572 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.666660	-84.215240	833.98	5.00	838.98
2	40.667303	-84.215245	835.38	5.00	840.38
3	40.668047	-84.215272	833.85	5.00	838.85
4	40.668053	-84.216945	834.59	5.00	839.60
5	40.668068	-84.218673	831.29	5.00	836.29
6	40.667286	-84.220459	834.94	5.00	839.94
7	40.666473	-84.222321	829.84	5.00	834.84
8	40.665878	-84.222353	833.22	5.00	838.22
9	40.665895	-84.221097	833.66	5.00	838.66
10	40.665903	-84.219617	838.23	5.00	843.23
11	40.666668	-84.219628	833.57	5.00	838.57
12	40.666664	-84.217380	837.37	5.00	842.37

Name: 409
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 710,160 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.665089	-84.215647	835.57	5.00	840.57
2	40.664332	-84.215647	840.27	5.00	845.27
3	40.664324	-84.217297	835.43	5.00	840.43
4	40.664316	-84.218989	836.22	5.00	841.22
5	40.664308	-84.220612	836.69	5.00	841.69
6	40.664300	-84.222363	833.26	5.00	838.26
7	40.665073	-84.222358	833.96	5.00	838.96
8	40.665887	-84.222353	833.25	5.00	838.25
9	40.665895	-84.220963	833.75	5.00	838.75
10	40.665903	-84.219606	838.21	5.00	843.21
11	40.665097	-84.219649	837.71	5.00	842.71
12	40.665089	-84.217670	833.98	5.00	838.98
13	40.665089	-84.216632	834.13	5.00	839.13

Name: 410
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 963,672 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.663925	-84.212944	838.02	5.00	843.02
2	40.663929	-84.212602	838.36	5.00	843.36
3	40.663933	-84.212268	838.90	5.00	843.90
4	40.663493	-84.212269	839.61	5.00	844.61
5	40.663069	-84.212270	842.42	5.00	847.42
6	40.662639	-84.212272	841.41	5.00	846.41
7	40.662237	-84.212273	841.16	5.00	846.16
8	40.660702	-84.212278	845.01	5.00	850.01
9	40.660690	-84.213362	844.36	5.00	849.36
10	40.660678	-84.214510	845.08	5.00	850.08
11	40.660693	-84.216205	846.09	5.00	851.09
12	40.661189	-84.216192	844.70	5.00	849.70
13	40.661679	-84.216173	839.59	5.00	844.59
14	40.662351	-84.216146	839.69	5.00	844.69
15	40.662679	-84.216134	838.09	5.00	843.09
16	40.663022	-84.216119	837.56	5.00	842.57
17	40.663024	-84.215042	838.81	5.00	843.81
18	40.663027	-84.214513	840.05	5.00	845.05
19	40.663030	-84.214000	840.22	5.00	845.22
20	40.663026	-84.212997	841.66	5.00	846.66
21	40.663490	-84.212970	838.88	5.00	843.88

Name: 411
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,015,662 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.660678	-84.214016	843.69	5.00	848.69
2	40.659962	-84.214022	845.56	5.00	850.56
3	40.659343	-84.214027	847.31	5.00	852.31
4	40.659355	-84.215170	848.75	5.00	853.75
5	40.659335	-84.216398	845.13	5.00	850.13
6	40.658204	-84.216393	843.83	5.00	848.83
7	40.657073	-84.216430	846.65	5.00	851.65
8	40.657073	-84.217407	845.60	5.00	850.60
9	40.657073	-84.218405	846.00	5.00	851.00
10	40.658873	-84.218354	847.24	5.00	852.24
11	40.660711	-84.218297	842.18	5.00	847.18
12	40.660702	-84.217248	842.72	5.00	847.72
13	40.660698	-84.216379	845.61	5.00	850.61
14	40.660694	-84.216109	846.28	5.00	851.28
15	40.660674	-84.215186	847.17	5.00	852.17

Name: 412
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,020,268 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.660695	-84.216206	846.15	5.00	851.15
2	40.661290	-84.216190	843.03	5.00	848.03
3	40.661881	-84.216163	839.68	5.00	844.68
4	40.661903	-84.216741	838.65	5.00	843.65
5	40.661943	-84.217106	838.59	5.00	843.59
6	40.662269	-84.217073	838.42	5.00	843.42
7	40.662269	-84.217728	840.58	5.00	845.58
8	40.662698	-84.217712	840.02	5.00	845.02
9	40.663159	-84.217696	835.46	5.00	840.46
10	40.663618	-84.217677	835.00	5.00	840.00
11	40.664072	-84.217658	834.52	5.00	839.52
12	40.664061	-84.218215	833.97	5.00	838.97
13	40.664050	-84.218782	833.71	5.00	838.71
14	40.664043	-84.219363	833.91	5.00	838.91
15	40.664037	-84.219958	834.52	5.00	839.52
16	40.663680	-84.219966	834.19	5.00	839.19
17	40.663377	-84.219973	833.74	5.00	838.74
18	40.663366	-84.220422	834.35	5.00	839.35
19	40.662765	-84.220415	833.95	5.00	838.95
20	40.661313	-84.220450	840.46	5.00	845.46
21	40.661024	-84.220432	840.84	5.00	845.84
22	40.661026	-84.219214	843.24	5.00	848.24
23	40.661018	-84.218326	841.74	5.00	846.74
24	40.660711	-84.218303	842.18	5.00	847.18
25	40.660705	-84.217326	842.45	5.00	847.45

Name: 413
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 754,330 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.657077	-84.218402	846.09	5.00	851.09
2	40.657067	-84.221555	841.47	5.00	846.47
3	40.657058	-84.224731	845.03	5.00	850.03
4	40.657049	-84.227919	841.33	5.00	846.33
5	40.657045	-84.229500	836.72	5.00	841.72
6	40.657040	-84.231107	833.97	5.00	838.97
7	40.657416	-84.231094	837.63	5.00	842.63
8	40.657821	-84.231086	832.20	5.00	837.20
9	40.657862	-84.218383	848.94	5.00	853.94

Name: 414
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 978,684 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.657874	-84.218382	848.89	5.00	853.89
2	40.659091	-84.218350	846.57	5.00	851.57
3	40.659697	-84.218326	844.04	5.00	849.04
4	40.660291	-84.218318	841.76	5.00	846.76
5	40.660307	-84.222545	839.25	5.00	844.25
6	40.659070	-84.222572	840.57	5.00	845.57
7	40.657850	-84.222599	840.18	5.00	845.18
8	40.657856	-84.221504	839.12	5.00	844.12
9	40.657862	-84.220458	842.45	5.00	847.45
10	40.657862	-84.219402	846.43	5.00	851.43

Name: 415
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,010,797 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.657829	-84.230603	837.41	5.00	842.41
2	40.658808	-84.230614	831.03	5.00	836.03
3	40.659807	-84.230625	833.61	5.00	838.61
4	40.659815	-84.229343	832.87	5.00	837.87
5	40.659823	-84.228028	832.76	5.00	837.76
6	40.659809	-84.225346	834.34	5.00	839.34
7	40.658817	-84.225357	837.74	5.00	842.74
8	40.657838	-84.225389	843.27	5.00	848.28
9	40.657831	-84.227975	838.43	5.00	843.43
10	40.657830	-84.229273	839.45	5.00	844.45

Name: 416
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,046,150 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.657858	-84.222586	840.09	5.00	845.09
2	40.659119	-84.222569	840.75	5.00	845.75
3	40.660310	-84.222538	839.25	5.00	844.25
4	40.660302	-84.221529	842.16	5.00	847.16
5	40.660787	-84.221517	839.80	5.00	844.80
6	40.661280	-84.221505	837.64	5.00	842.64
7	40.661262	-84.223404	834.47	5.00	839.47
8	40.661215	-84.225314	832.83	5.00	837.83
9	40.657821	-84.225368	843.37	5.00	848.37
10	40.657850	-84.223898	841.96	5.00	846.96

Name: 417
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,037,134 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.659805	-84.230622	833.61	5.00	838.61
2	40.660191	-84.230521	836.03	5.00	841.03
3	40.660629	-84.230421	830.40	5.00	835.40
4	40.661103	-84.229136	830.41	5.00	835.41
5	40.661557	-84.227910	834.66	5.00	839.66
6	40.661677	-84.226980	832.11	5.00	837.11
7	40.661793	-84.226102	831.83	5.00	836.83
8	40.662266	-84.225712	832.13	5.00	837.13
9	40.662727	-84.225300	831.15	5.00	836.15
10	40.662711	-84.224174	832.75	5.00	837.75
11	40.661983	-84.224186	833.56	5.00	838.57
12	40.661244	-84.224187	833.74	5.00	838.74
13	40.661217	-84.224747	833.50	5.00	838.50
14	40.661207	-84.225325	832.82	5.00	837.82
15	40.659801	-84.225335	834.39	5.00	839.39
16	40.659810	-84.226646	833.74	5.00	838.74
17	40.659822	-84.227973	832.74	5.00	837.74
18	40.659814	-84.229276	832.89	5.00	837.89

Name: 418
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,062,816 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.661016	-84.220442	840.81	5.00	845.81
2	40.661024	-84.219415	843.23	5.00	848.23
3	40.661024	-84.218307	841.63	5.00	846.63
4	40.660291	-84.218307	841.74	5.00	846.74
5	40.660303	-84.219917	843.12	5.00	848.12
6	40.660316	-84.221526	842.18	5.00	847.18
7	40.660806	-84.221521	839.63	5.00	844.63
8	40.661292	-84.221494	837.75	5.00	842.75
9	40.661268	-84.222827	835.20	5.00	840.20
10	40.661243	-84.224187	833.74	5.00	838.74
11	40.664067	-84.224165	833.72	5.00	838.73
12	40.664076	-84.223210	833.41	5.00	838.41
13	40.663750	-84.223221	833.21	5.00	838.21
14	40.663742	-84.222577	833.21	5.00	838.21
15	40.663396	-84.222567	833.98	5.00	838.98
16	40.663009	-84.222556	836.03	5.00	841.03
17	40.663022	-84.221484	833.59	5.00	838.59
18	40.663035	-84.220417	833.54	5.00	838.54

Name: 419
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 268,916 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.661911	-84.226011	832.17	5.00	837.17
2	40.663905	-84.225871	830.21	5.00	835.21
3	40.664165	-84.225592	829.66	5.00	834.66
4	40.664181	-84.224165	833.56	5.00	838.56
5	40.663449	-84.224165	832.88	5.00	837.88
6	40.662716	-84.224165	832.75	5.00	837.75
7	40.662733	-84.225302	831.15	5.00	836.15



Name: 420
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 213,582 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664076	-84.217138	837.28	5.00	842.28
2	40.663551	-84.217122	836.12	5.00	841.12
3	40.663026	-84.217106	836.76	5.00	841.76
4	40.663022	-84.216078	837.63	5.00	842.63
5	40.663026	-84.215040	838.83	5.00	843.83
6	40.663543	-84.215040	838.47	5.00	843.47
7	40.664067	-84.215046	838.64	5.00	843.64
8	40.664072	-84.216081	839.76	5.00	844.76



2-Mile Flight Path Receptor(s)

Name: Allen County Airport Runway 10
Description:
Threshold height : 50 ft
Direction: 90.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706950	-84.038757	946.44	50.00	996.44
2-mile point	40.706950	-84.076942	904.00	645.90	1549.90



Name: Allen County Airport Runway 28
Description:
Threshold height : 50 ft
Direction: 270.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706946	-84.017749	975.51	50.00	1025.51
2-mile point	40.706946	-83.979564	980.77	598.20	1578.97



Name: Youngpeter Airport North Approach
Description:
Threshold height : 50 ft
Direction: 0.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.780297	-84.368399	803.72	50.00	853.72
2-mile point	40.751384	-84.368399	808.77	598.41	1407.18



Name: Youngpeter Airport South Approach
Description:
Threshold height : 50 ft
Direction: 180.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.786471	-84.368410	791.74	50.00	841.74
2-mile point	40.815384	-84.368410	782.35	612.85	1395.20



Route Receptor(s)

Name: Bowsher Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.689185	-84.241974	863.50	9.00	872.50
2	40.687578	-84.241958	865.38	9.00	874.38
3	40.684654	-84.241905	869.58	9.00	878.58
4	40.683441	-84.241915	872.12	9.00	881.12
5	40.682294	-84.241899	874.21	9.00	883.21
6	40.681367	-84.241894	873.49	9.00	882.49
7	40.679349	-84.241915	872.92	9.00	881.92
8	40.678535	-84.241889	869.57	9.00	878.57
9	40.677722	-84.241856	866.83	9.00	875.83
10	40.676253	-84.241848	865.10	9.00	874.10
11	40.674825	-84.241840	858.92	9.00	867.92
12	40.673771	-84.241840	854.93	9.00	863.93
13	40.672766	-84.241819	850.25	9.00	859.25
14	40.671961	-84.241819	848.19	9.00	857.19
15	40.671356	-84.241808	848.19	9.00	857.19
16	40.670763	-84.241805	845.63	9.00	854.63
17	40.669577	-84.241792	842.06	9.00	851.07
18	40.668965	-84.241784	842.33	9.00	851.33
19	40.668383	-84.241778	840.37	9.00	849.37
20	40.667794	-84.241774	838.32	9.00	847.32
21	40.667218	-84.241770	837.54	9.00	846.54
22	40.666028	-84.241757	837.46	9.00	846.46
23	40.664860	-84.241745	836.07	9.00	845.07
24	40.663682	-84.241729	832.64	9.00	841.64
25	40.662523	-84.241719	832.64	9.00	841.64
26	40.661312	-84.241708	831.42	9.00	840.42
27	40.660125	-84.241697	831.03	9.00	840.03
28	40.658964	-84.241692	822.45	9.00	831.45
29	40.657834	-84.241673	834.69	9.00	843.69
30	40.656669	-84.241665	838.33	9.00	847.33
31	40.655499	-84.241632	840.87	9.00	849.87
32	40.653247	-84.241619	840.44	9.00	849.44

Name: National Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.653242	-84.241623	840.38	9.00	849.38
2	40.653251	-84.240298	841.71	9.00	850.71
3	40.653242	-84.238927	842.78	9.00	851.78
4	40.653240	-84.237287	840.56	9.00	849.56
5	40.653248	-84.235655	838.44	9.00	847.44
6	40.653242	-84.234747	840.67	9.00	849.67
7	40.653245	-84.233879	840.54	9.00	849.54
8	40.653243	-84.232152	838.45	9.00	847.45
9	40.653233	-84.230995	837.40	9.00	846.40
10	40.653240	-84.229851	844.63	9.00	853.64
11	40.653241	-84.227624	843.89	9.00	852.89
12	40.653257	-84.225947	844.62	9.00	853.62
13	40.653241	-84.224148	843.29	9.00	852.30
14	40.653248	-84.222579	843.81	9.00	852.81
15	40.653251	-84.221037	845.06	9.00	854.06
16	40.653258	-84.217955	846.57	9.00	855.57
17	40.653262	-84.216530	848.69	9.00	857.69

Name: Railroad
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670162	-84.191447	844.87	15.00	859.87
2	40.668437	-84.194016	844.81	15.00	859.81
3	40.667155	-84.195910	845.51	15.00	860.51
4	40.666232	-84.197294	847.53	15.00	862.53
5	40.665003	-84.199166	848.47	15.00	863.47
6	40.663892	-84.200861	847.31	15.00	862.31
7	40.662582	-84.202846	846.94	15.00	861.94
8	40.661796	-84.203984	846.22	15.00	861.23
9	40.661039	-84.205142	843.83	15.00	858.83
10	40.659544	-84.207358	844.53	15.00	859.53
11	40.658052	-84.209557	847.78	15.00	862.78
12	40.657145	-84.210963	848.99	15.00	863.99
13	40.656591	-84.211794	849.13	15.00	864.13
14	40.655332	-84.213656	849.92	15.00	864.92
15	40.654382	-84.215085	849.87	15.00	864.87
16	40.653316	-84.216687	849.16	15.00	864.16

Name: South Kemp Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685970	-84.222805	874.03	9.00	883.03
2	40.685024	-84.222802	871.21	9.00	880.21
3	40.683921	-84.222794	872.69	9.00	881.69
4	40.683376	-84.222783	875.06	9.00	884.06
5	40.682591	-84.222790	873.05	9.00	882.05
6	40.681574	-84.222781	869.55	9.00	878.55
7	40.681037	-84.222783	867.34	9.00	876.34
8	40.679733	-84.222774	867.76	9.00	876.76
9	40.679049	-84.222761	864.35	9.00	873.35
10	40.678334	-84.222756	859.43	9.00	868.43
11	40.677482	-84.222746	856.75	9.00	865.75
12	40.677026	-84.222740	855.80	9.00	864.80
13	40.676277	-84.222731	856.01	9.00	865.01
14	40.675519	-84.222727	855.08	9.00	864.08
15	40.674829	-84.222732	852.90	9.00	861.90
16	40.674166	-84.222727	854.48	9.00	863.48
17	40.673393	-84.222713	851.87	9.00	860.87
18	40.672878	-84.222708	850.62	9.00	859.62
19	40.672250	-84.222687	849.14	9.00	858.14
20	40.671151	-84.222676	843.47	9.00	852.47
21	40.664287	-84.222625	834.46	9.00	843.46

Name: S Wapakoneta Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686108	-84.203756	863.93	9.00	872.93
2	40.685427	-84.203755	859.88	9.00	868.88
3	40.684717	-84.203744	857.16	9.00	866.16
4	40.683843	-84.203739	852.37	9.00	861.37
5	40.682971	-84.203725	850.06	9.00	859.06
6	40.681809	-84.203720	848.70	9.00	857.70
7	40.681074	-84.203704	846.77	9.00	855.78
8	40.680339	-84.203700	846.99	9.00	855.99
9	40.679512	-84.203696	844.10	9.00	853.10
10	40.678660	-84.203680	840.91	9.00	849.91
11	40.677829	-84.203666	839.72	9.00	848.72
12	40.676972	-84.203661	841.45	9.00	850.45
13	40.675934	-84.203639	841.01	9.00	850.01
14	40.674681	-84.203627	840.14	9.00	849.14
15	40.674321	-84.203630	839.44	9.00	848.44
16	40.673687	-84.203615	838.85	9.00	847.85
17	40.673213	-84.203610	839.19	9.00	848.19
18	40.672454	-84.203607	839.24	9.00	848.24
19	40.671691	-84.203606	841.32	9.00	850.32
20	40.671060	-84.203591	840.96	9.00	849.96
21	40.670509	-84.203595	839.16	9.00	848.16
22	40.669557	-84.203588	840.63	9.00	849.63
23	40.668048	-84.203574	839.77	9.00	848.77
24	40.666580	-84.203560	841.80	9.00	850.80
25	40.665394	-84.203548	844.11	9.00	853.11
26	40.662086	-84.203524	848.21	9.00	857.21

Name: West Hume Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664194	-84.222567	834.60	9.00	843.61
2	40.664175	-84.222320	834.43	9.00	843.43
3	40.664188	-84.221017	837.33	9.00	846.33
4	40.664184	-84.219386	835.71	9.00	844.71
5	40.664192	-84.217777	835.85	9.00	844.85
6	40.664204	-84.215727	840.86	9.00	849.86
7	40.664215	-84.214547	840.24	9.00	849.24
8	40.664221	-84.212820	838.63	9.00	847.63
9	40.664233	-84.210830	840.89	9.00	849.89
10	40.664235	-84.209328	844.27	9.00	853.27
11	40.664247	-84.207399	844.32	9.00	853.32
12	40.664243	-84.205291	841.19	9.00	850.19
13	40.664269	-84.203529	842.52	9.00	851.52

Name: Zerkle Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671428	-84.222677	846.35	9.00	855.36
2	40.671418	-84.223419	846.49	9.00	855.49
3	40.671408	-84.224507	851.09	9.00	860.09
4	40.671404	-84.225382	851.97	9.00	860.97
5	40.671403	-84.226428	849.44	9.00	858.44
6	40.671391	-84.227083	849.08	9.00	858.08
7	40.671391	-84.227873	849.94	9.00	858.94
8	40.671387	-84.228638	848.02	9.00	857.02
9	40.671387	-84.230167	844.17	9.00	853.17
10	40.671382	-84.230987	844.15	9.00	853.15
11	40.671375	-84.231960	845.29	9.00	854.29
12	40.671371	-84.232964	847.79	9.00	856.79
13	40.671370	-84.234175	851.25	9.00	860.25
14	40.671359	-84.235462	852.70	9.00	861.70
15	40.671361	-84.236770	853.76	9.00	862.76
16	40.671356	-84.237899	854.54	9.00	863.54
17	40.671350	-84.239029	854.56	9.00	863.56
18	40.671349	-84.239725	854.10	9.00	863.10
19	40.671348	-84.240434	854.10	9.00	863.10
20	40.671345	-84.241804	848.27	9.00	857.27

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	ft	ft	ft
OP 1	40.740549	-84.118333	868.53	500.02	1368.56
OP 2	40.735693	-84.086896	885.19	500.02	1385.21
OP 3	40.679915	-84.240753	872.65	25.00	897.65
OP 4	40.674504	-84.241343	865.28	25.00	890.28
OP 5	40.671022	-84.238425	855.82	25.00	880.82
OP 6	40.671624	-84.233607	850.92	25.00	875.92
OP 7	40.671046	-84.229509	846.50	25.00	871.50
OP 8	40.671209	-84.227985	849.59	25.00	874.60
OP 9	40.671144	-84.225443	850.53	25.00	875.53
OP 10	40.671746	-84.224037	849.50	25.00	874.50
OP 11	40.674179	-84.222331	855.08	25.00	880.08
OP 12	40.673129	-84.222235	850.80	25.00	875.80
OP 13	40.669638	-84.222310	846.20	25.00	871.20
OP 14	40.667734	-84.223629	840.21	25.00	865.21
OP 15	40.657048	-84.239862	844.73	25.00	869.73
OP 16	40.654069	-84.238189	845.06	25.00	870.06
OP 17	40.653931	-84.232577	839.57	25.00	864.57
OP 18	40.653442	-84.229048	846.21	25.00	871.21
OP 19	40.652978	-84.225282	846.64	25.00	871.64
OP 20	40.653768	-84.220250	847.63	25.00	872.63
OP 21	40.654419	-84.219048	846.49	25.00	871.49
OP 22	40.654623	-84.217621	845.29	25.00	870.29
OP 23	40.663909	-84.220904	837.77	25.00	862.77
OP 24	40.664519	-84.214317	842.58	25.00	867.58
OP 25	40.663852	-84.210465	844.83	25.00	869.83
OP 26	40.664698	-84.209661	842.50	25.00	867.50
OP 27	40.669134	-84.203942	845.99	25.00	870.99
OP 28	40.669427	-84.203062	842.77	25.00	867.77
OP 29	40.683837	-84.226644	882.57	25.00	907.57
OP 30	40.681767	-84.223162	873.08	25.00	898.08
OP 31	40.680840	-84.222395	871.18	25.00	896.19
OP 32	40.679697	-84.222508	869.16	25.00	894.16

PV Array Results

Summary of PV Glare Analysis PV configuration and predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
401	SA tracking	SA tracking	0	0	-	-
402	SA tracking	SA tracking	0	0	-	-
403	SA tracking	SA tracking	0	0	-	-
404	SA tracking	SA tracking	0	0	-	-
405	SA tracking	SA tracking	0	0	-	-
406	SA tracking	SA tracking	0	0	-	-
407	SA tracking	SA tracking	0	0	-	-
408	SA tracking	SA tracking	0	0	-	-
409	SA tracking	SA tracking	0	0	-	-
410	SA tracking	SA tracking	0	0	-	-
411	SA tracking	SA tracking	0	0	-	-
412	SA tracking	SA tracking	0	0	-	-
413	SA tracking	SA tracking	0	0	-	-
414	SA tracking	SA tracking	0	0	-	-
415	SA tracking	SA tracking	0	0	-	-
416	SA tracking	SA tracking	0	0	-	-
417	SA tracking	SA tracking	0	0	-	-
418	SA tracking	SA tracking	0	0	-	-
419	SA tracking	SA tracking	0	0	-	-
420	SA tracking	SA tracking	0	0	-	-

Click the name of the PV array to scroll to its results

PV & Receptor Analysis Results detailed results for each PV array and receptor

401 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

403 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

404 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

409 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

411 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

413 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

415 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results for large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Glare vector plots are simplified representations of analysis data. Actual glare emanations and results may differ.
- Glare analysis methods used: OP V1, FP V1, Route V1
- Refer to the **Help page** for assumptions and limitations not listed here.

Site Configuration: Block 4 9 ft veh 10 ft pan

Project site configuration details and results.

Created **Jan. 14, 2021 4:34 p.m.**
Updated **Jan. 14, 2021 11:58 p.m.**
DNI **varies** and peaks at **1,000.0 W/m^2**
Analyze every **1** minute(s)
0.5 ocular transmission coefficient
0.002 m pupil diameter
0.017 m eye focal length
9.3 mrad sun subtended angle
Timezone **UTC-5**
Site Configuration ID: 48059.8653

Summary of Results No glare predicted!

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
401	SA tracking	SA tracking	0	0	-
402	SA tracking	SA tracking	0	0	-
403	SA tracking	SA tracking	0	0	-
404	SA tracking	SA tracking	0	0	-
405	SA tracking	SA tracking	0	0	-
406	SA tracking	SA tracking	0	0	-
407	SA tracking	SA tracking	0	0	-
408	SA tracking	SA tracking	0	0	-
409	SA tracking	SA tracking	0	0	-
410	SA tracking	SA tracking	0	0	-
411	SA tracking	SA tracking	0	0	-
412	SA tracking	SA tracking	0	0	-
413	SA tracking	SA tracking	0	0	-
414	SA tracking	SA tracking	0	0	-
415	SA tracking	SA tracking	0	0	-
416	SA tracking	SA tracking	0	0	-
417	SA tracking	SA tracking	0	0	-
418	SA tracking	SA tracking	0	0	-
419	SA tracking	SA tracking	0	0	-
420	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Name: 401
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,023,644 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.677942	-84.233681	852.68	10.00	862.68
2	40.677925	-84.234689	852.74	10.00	862.74
3	40.677576	-84.234700	852.12	10.00	862.12
4	40.677584	-84.236835	855.67	10.00	865.67
5	40.675993	-84.236900	850.70	10.00	860.70
6	40.674467	-84.236964	851.68	10.00	861.68
7	40.674463	-84.235070	849.30	10.00	859.30
8	40.674459	-84.233649	848.41	10.00	858.41
9	40.676152	-84.233665	849.10	10.00	859.10

Name: 402
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 925,450 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.674455	-84.236995	851.70	10.00	861.70
2	40.672990	-84.236947	854.18	10.00	864.18
3	40.671525	-84.236899	853.85	10.00	863.85
4	40.671550	-84.234474	850.45	10.00	860.45
5	40.671647	-84.234469	850.52	10.00	860.52
6	40.672591	-84.234485	847.23	10.00	857.23
7	40.672608	-84.232640	845.39	10.00	855.39
8	40.673080	-84.232650	844.20	10.00	854.20
9	40.673096	-84.233605	845.55	10.00	855.55
10	40.674447	-84.233648	848.41	10.00	858.41
11	40.674451	-84.235365	848.59	10.00	858.59

Name: 403
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 305,695 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671188	-84.232104	844.26	10.00	854.26
2	40.671196	-84.231020	842.40	10.00	852.41
3	40.670358	-84.230452	842.71	10.00	852.71
4	40.669268	-84.230344	842.87	10.00	852.87
5	40.669243	-84.232104	843.62	10.00	853.62



Name: 404
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 884,754 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670089	-84.228756	843.51	10.00	853.51
2	40.670081	-84.227308	846.77	10.00	856.77
3	40.670480	-84.227308	846.68	10.00	856.68
4	40.670480	-84.226589	849.74	10.00	859.74
5	40.670163	-84.226589	848.05	10.00	858.05
6	40.670171	-84.225280	847.82	10.00	857.83
7	40.669056	-84.225280	842.89	10.00	852.89
8	40.668104	-84.225323	845.33	10.00	855.33
9	40.667941	-84.225323	843.55	10.00	853.55
10	40.667917	-84.227244	852.17	10.00	862.18
11	40.667892	-84.229293	848.68	10.00	858.68
12	40.668739	-84.229282	852.29	10.00	862.29
13	40.669683	-84.229271	843.92	10.00	853.92
14	40.669699	-84.228799	845.61	10.00	855.61



Name: 405
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 823,118 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.673227	-84.220304	847.32	10.00	857.32
2	40.672006	-84.220883	845.13	10.00	855.13
3	40.671493	-84.221108	840.98	10.00	850.98
4	40.671518	-84.221859	844.96	10.00	854.96
5	40.671217	-84.221870	844.60	10.00	854.60
6	40.671209	-84.221108	840.82	10.00	850.82
7	40.670924	-84.221108	841.63	10.00	851.63
8	40.669988	-84.220658	840.48	10.00	850.48
9	40.670004	-84.219488	835.83	10.00	845.83
10	40.670826	-84.217772	834.11	10.00	844.11
11	40.671477	-84.217739	837.89	10.00	847.89
12	40.671502	-84.218083	839.43	10.00	849.43
13	40.673056	-84.218587	836.15	10.00	846.15
14	40.673072	-84.220035	845.49	10.00	855.50
15	40.673235	-84.220078	846.33	10.00	856.33

Name: 406
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 984,600 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.667644	-84.212407	834.32	10.00	844.32
2	40.670061	-84.212471	834.59	10.00	844.59
3	40.670045	-84.213619	834.70	10.00	844.70
4	40.670338	-84.213630	835.32	10.00	845.32
5	40.670314	-84.214199	834.06	10.00	844.06
6	40.669264	-84.214939	833.64	10.00	843.64
7	40.667465	-84.214896	836.85	10.00	846.85
8	40.666977	-84.214864	834.49	10.00	844.49
9	40.666074	-84.214810	833.59	10.00	843.59
10	40.666074	-84.213555	835.09	10.00	845.09
11	40.666074	-84.212353	836.88	10.00	846.88

Name: 407
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,050,800 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.665068	-84.212932	836.93	10.00	846.93
2	40.664385	-84.212954	837.52	10.00	847.52
3	40.664377	-84.212310	837.24	10.00	847.24
4	40.666078	-84.212342	836.91	10.00	846.91
5	40.666089	-84.214804	833.61	10.00	843.61
6	40.666661	-84.214858	833.97	10.00	843.97
7	40.666653	-84.216022	834.46	10.00	844.46
8	40.666677	-84.217256	837.14	10.00	847.14
9	40.666651	-84.219638	833.60	10.00	843.60
10	40.666094	-84.219616	838.26	10.00	848.26
11	40.665101	-84.219638	837.70	10.00	847.70
12	40.665085	-84.216312	834.40	10.00	844.40

Name: 408
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 909,067 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.666660	-84.215240	833.98	10.00	843.98
2	40.667303	-84.215245	835.38	10.00	845.38
3	40.668047	-84.215272	833.85	10.00	843.85
4	40.668053	-84.216945	834.59	10.00	844.60
5	40.668068	-84.218673	831.29	10.00	841.29
6	40.667286	-84.220459	834.94	10.00	844.94
7	40.666473	-84.222321	829.84	10.00	839.84
8	40.665878	-84.222353	833.22	10.00	843.22
9	40.665895	-84.221097	833.66	10.00	843.66
10	40.665903	-84.219617	838.23	10.00	848.23
11	40.666643	-84.219633	833.63	10.00	843.63
12	40.666664	-84.217380	837.37	10.00	847.37

Name: 409
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 710,160 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.665089	-84.215647	835.57	10.00	845.57
2	40.664332	-84.215647	840.27	10.00	850.27
3	40.664324	-84.217297	835.43	10.00	845.43
4	40.664316	-84.218989	836.22	10.00	846.22
5	40.664308	-84.220612	836.69	10.00	846.69
6	40.664300	-84.222363	833.26	10.00	843.26
7	40.665073	-84.222358	833.96	10.00	843.96
8	40.665887	-84.222353	833.25	10.00	843.25
9	40.665895	-84.220963	833.75	10.00	843.75
10	40.665903	-84.219606	838.21	10.00	848.21
11	40.665097	-84.219649	837.71	10.00	847.71
12	40.665089	-84.217670	833.98	10.00	843.98
13	40.665089	-84.216632	834.13	10.00	844.13

Name: 410
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 963,672 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.663925	-84.212944	838.02	10.00	848.02
2	40.663929	-84.212602	838.36	10.00	848.36
3	40.663933	-84.212268	838.90	10.00	848.90
4	40.663493	-84.212269	839.61	10.00	849.61
5	40.663069	-84.212270	842.42	10.00	852.42
6	40.662639	-84.212272	841.41	10.00	851.41
7	40.662237	-84.212273	841.16	10.00	851.16
8	40.660702	-84.212278	845.01	10.00	855.01
9	40.660690	-84.213362	844.36	10.00	854.36
10	40.660678	-84.214510	845.08	10.00	855.08
11	40.660693	-84.216205	846.09	10.00	856.09
12	40.661189	-84.216192	844.70	10.00	854.71
13	40.661679	-84.216173	839.59	10.00	849.59
14	40.662351	-84.216146	839.69	10.00	849.69
15	40.662679	-84.216134	838.09	10.00	848.09
16	40.663022	-84.216119	837.56	10.00	847.57
17	40.663024	-84.215042	838.81	10.00	848.81
18	40.663027	-84.214513	840.05	10.00	850.05
19	40.663030	-84.214000	840.22	10.00	850.22
20	40.663026	-84.212997	841.66	10.00	851.66
21	40.663490	-84.212970	838.88	10.00	848.88

Name: 411
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,015,583 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.660678	-84.214016	843.69	10.00	853.69
2	40.659962	-84.214022	845.56	10.00	855.56
3	40.659343	-84.214027	847.31	10.00	857.31
4	40.659355	-84.215170	848.75	10.00	858.75
5	40.659335	-84.216398	845.13	10.00	855.13
6	40.658204	-84.216393	843.83	10.00	853.83
7	40.657073	-84.216430	846.65	10.00	856.65
8	40.657073	-84.217407	845.60	10.00	855.60
9	40.657073	-84.218405	846.00	10.00	856.00
10	40.658873	-84.218354	847.24	10.00	857.24
11	40.660711	-84.218297	842.18	10.00	852.18
12	40.660702	-84.217248	842.72	10.00	852.72
13	40.660698	-84.216379	845.61	10.00	855.62
14	40.660694	-84.216109	846.28	10.00	856.28
15	40.660674	-84.215186	847.17	10.00	857.17

Name: 412
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,020,268 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.660695	-84.216206	846.15	10.00	856.15
2	40.661290	-84.216190	843.03	10.00	853.03
3	40.661881	-84.216163	839.68	10.00	849.68
4	40.661903	-84.216741	838.65	10.00	848.65
5	40.661943	-84.217106	838.59	10.00	848.60
6	40.662269	-84.217073	838.42	10.00	848.42
7	40.662269	-84.217728	840.58	10.00	850.58
8	40.662698	-84.217712	840.02	10.00	850.02
9	40.663159	-84.217696	835.46	10.00	845.46
10	40.663618	-84.217677	835.00	10.00	845.00
11	40.664072	-84.217658	834.52	10.00	844.52
12	40.664061	-84.218215	833.97	10.00	843.97
13	40.664050	-84.218782	833.71	10.00	843.71
14	40.664043	-84.219363	833.91	10.00	843.91
15	40.664037	-84.219958	834.52	10.00	844.52
16	40.663680	-84.219966	834.19	10.00	844.19
17	40.663377	-84.219973	833.74	10.00	843.74
18	40.663366	-84.220422	834.35	10.00	844.35
19	40.662765	-84.220415	833.95	10.00	843.95
20	40.661313	-84.220450	840.46	10.00	850.46
21	40.661024	-84.220432	840.84	10.00	850.84
22	40.661026	-84.219214	843.24	10.00	853.24
23	40.661018	-84.218326	841.74	10.00	851.74
24	40.660711	-84.218303	842.18	10.00	852.18
25	40.660705	-84.217326	842.45	10.00	852.45

Name: 413
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 754,375 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.657077	-84.218402	846.09	10.00	856.09
2	40.657067	-84.221555	841.47	10.00	851.47
3	40.657058	-84.224731	845.03	10.00	855.03
4	40.657049	-84.227919	841.33	10.00	851.33
5	40.657045	-84.229500	836.72	10.00	846.72
6	40.657040	-84.231107	833.97	10.00	843.97
7	40.657473	-84.231094	837.92	10.00	847.92
8	40.657821	-84.231086	832.20	10.00	842.20
9	40.657862	-84.218383	848.94	10.00	858.94

Name: 414
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 978,684 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.657874	-84.218382	848.89	10.00	858.89
2	40.659091	-84.218350	846.57	10.00	856.57
3	40.659697	-84.218326	844.04	10.00	854.04
4	40.660291	-84.218318	841.76	10.00	851.76
5	40.660307	-84.222545	839.25	10.00	849.25
6	40.659070	-84.222572	840.57	10.00	850.57
7	40.657850	-84.222599	840.18	10.00	850.18
8	40.657856	-84.221504	839.12	10.00	849.12
9	40.657862	-84.220458	842.45	10.00	852.45
10	40.657862	-84.219402	846.43	10.00	856.43

Name: 415
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,011,866 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.657829	-84.230603	837.41	10.00	847.41
2	40.658808	-84.230614	831.03	10.00	841.03
3	40.659807	-84.230625	833.61	10.00	843.61
4	40.659815	-84.229343	832.87	10.00	842.87
5	40.659823	-84.228028	832.76	10.00	842.76
6	40.659809	-84.225346	834.34	10.00	844.34
7	40.658793	-84.225346	837.82	10.00	847.82
8	40.657838	-84.225389	843.27	10.00	853.28
9	40.657831	-84.227975	838.43	10.00	848.43
10	40.657830	-84.229273	839.45	10.00	849.45

Name: 416
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,046,150 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.657858	-84.222586	840.09	10.00	850.09
2	40.659119	-84.222569	840.75	10.00	850.75
3	40.660310	-84.222538	839.25	10.00	849.25
4	40.660302	-84.221529	842.16	10.00	852.16
5	40.660787	-84.221517	839.80	10.00	849.80
6	40.661280	-84.221505	837.64	10.00	847.64
7	40.661262	-84.223404	834.47	10.00	844.47
8	40.661215	-84.225314	832.83	10.00	842.83
9	40.657821	-84.225368	843.37	10.00	853.37
10	40.657850	-84.223898	841.96	10.00	851.96

Name: 417
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,037,134 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.659805	-84.230622	833.61	10.00	843.61
2	40.660191	-84.230521	836.03	10.00	846.03
3	40.660629	-84.230421	830.40	10.00	840.40
4	40.661103	-84.229136	830.41	10.00	840.41
5	40.661557	-84.227910	834.66	10.00	844.66
6	40.661677	-84.226980	832.11	10.00	842.12
7	40.661793	-84.226102	831.83	10.00	841.83
8	40.662266	-84.225712	832.13	10.00	842.13
9	40.662727	-84.225300	831.15	10.00	841.15
10	40.662711	-84.224174	832.75	10.00	842.75
11	40.661983	-84.224186	833.56	10.00	843.57
12	40.661244	-84.224187	833.74	10.00	843.74
13	40.661217	-84.224747	833.50	10.00	843.50
14	40.661207	-84.225325	832.82	10.00	842.82
15	40.659801	-84.225335	834.39	10.00	844.39
16	40.659810	-84.226646	833.74	10.00	843.74
17	40.659822	-84.227973	832.74	10.00	842.74
18	40.659814	-84.229276	832.89	10.00	842.89

Name: 418
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 1,062,816 sq-ft



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.661016	-84.220442	840.81	10.00	850.81
2	40.661024	-84.219415	843.23	10.00	853.23
3	40.661024	-84.218307	841.63	10.00	851.63
4	40.660291	-84.218307	841.74	10.00	851.74
5	40.660303	-84.219917	843.12	10.00	853.12
6	40.660316	-84.221526	842.18	10.00	852.18
7	40.660806	-84.221521	839.63	10.00	849.63
8	40.661292	-84.221494	837.75	10.00	847.75
9	40.661268	-84.222827	835.20	10.00	845.20
10	40.661243	-84.224187	833.74	10.00	843.74
11	40.664067	-84.224165	833.72	10.00	843.73
12	40.664076	-84.223210	833.41	10.00	843.41
13	40.663750	-84.223221	833.21	10.00	843.21
14	40.663742	-84.222577	833.21	10.00	843.21
15	40.663396	-84.222567	833.98	10.00	843.99
16	40.663009	-84.222556	836.03	10.00	846.03
17	40.663022	-84.221484	833.59	10.00	843.59
18	40.663035	-84.220417	833.54	10.00	843.54

Name: 419
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 268,841 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.661911	-84.226011	832.17	10.00	842.17
2	40.663905	-84.225871	830.21	10.00	840.21
3	40.664165	-84.225592	829.66	10.00	839.66
4	40.664181	-84.224165	833.56	10.00	843.56
5	40.663449	-84.224165	832.88	10.00	842.88
6	40.662716	-84.224165	832.75	10.00	842.75
7	40.662733	-84.225302	831.15	10.00	841.15



Name: 420
Axis tracking: Single-axis rotation
Tracking axis orientation: 180.0 deg
Tracking axis tilt: 0.0 deg
Tracking axis panel offset: 0.0 deg
Maximum tracking angle: 52.0 deg
Resting angle: 52.0 deg
Rated power: -
Panel material: Smooth glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 8.43 mrad
Approx. area: 213,582 sq-ft

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664076	-84.217138	837.28	10.00	847.28
2	40.663551	-84.217122	836.12	10.00	846.12
3	40.663026	-84.217106	836.76	10.00	846.76
4	40.663022	-84.216078	837.63	10.00	847.63
5	40.663026	-84.215040	838.83	10.00	848.83
6	40.663543	-84.215040	838.47	10.00	848.47
7	40.664067	-84.215046	838.64	10.00	848.64
8	40.664072	-84.216081	839.76	10.00	849.76



2-Mile Flight Path Receptor(s)

Name: Allen County Airport Runway 10
Description:
Threshold height : 50 ft
Direction: 90.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706950	-84.038757	946.44	50.00	996.44
2-mile point	40.706950	-84.076942	904.00	645.90	1549.90



Name: Allen County Airport Runway 28
Description:
Threshold height : 50 ft
Direction: 270.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.706946	-84.017749	975.51	50.00	1025.51
2-mile point	40.706946	-83.979564	980.77	598.20	1578.97



Name: Youngpeter Airport North Approach
Description:
Threshold height : 50 ft
Direction: 0.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.780297	-84.368399	803.72	50.00	853.72
2-mile point	40.751384	-84.368399	808.77	598.41	1407.18



Name: Youngpeter Airport South Approach
Description:
Threshold height : 50 ft
Direction: 180.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
Threshold	40.786471	-84.368410	791.74	50.00	841.74
2-mile point	40.815384	-84.368410	782.35	612.85	1395.20



Route Receptor(s)

Name: Bowsher Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.689185	-84.241974	863.50	9.00	872.50
2	40.687578	-84.241958	865.38	9.00	874.38
3	40.684654	-84.241905	869.58	9.00	878.58
4	40.683441	-84.241915	872.12	9.00	881.12
5	40.682294	-84.241899	874.21	9.00	883.21
6	40.681367	-84.241894	873.49	9.00	882.49
7	40.679349	-84.241915	872.92	9.00	881.92
8	40.678535	-84.241889	869.57	9.00	878.57
9	40.677722	-84.241856	866.83	9.00	875.83
10	40.676253	-84.241848	865.10	9.00	874.10
11	40.674825	-84.241840	858.92	9.00	867.92
12	40.673771	-84.241840	854.93	9.00	863.93
13	40.672766	-84.241819	850.25	9.00	859.25
14	40.671961	-84.241819	848.19	9.00	857.19
15	40.671356	-84.241808	848.19	9.00	857.19
16	40.670763	-84.241805	845.63	9.00	854.63
17	40.669577	-84.241792	842.06	9.00	851.07
18	40.668965	-84.241784	842.33	9.00	851.33
19	40.668383	-84.241778	840.37	9.00	849.37
20	40.667794	-84.241774	838.32	9.00	847.32
21	40.667218	-84.241770	837.54	9.00	846.54
22	40.666028	-84.241757	837.46	9.00	846.46
23	40.664860	-84.241745	836.07	9.00	845.07
24	40.663682	-84.241729	832.64	9.00	841.64
25	40.662523	-84.241719	832.64	9.00	841.64
26	40.661312	-84.241708	831.42	9.00	840.42
27	40.660125	-84.241697	831.03	9.00	840.03
28	40.658964	-84.241692	822.45	9.00	831.45
29	40.657834	-84.241673	834.69	9.00	843.69
30	40.656669	-84.241665	838.33	9.00	847.33
31	40.655499	-84.241632	840.87	9.00	849.87
32	40.653247	-84.241619	840.44	9.00	849.44

Name: National Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.653242	-84.241623	840.38	9.00	849.38
2	40.653251	-84.240298	841.71	9.00	850.71
3	40.653242	-84.238927	842.78	9.00	851.78
4	40.653240	-84.237287	840.56	9.00	849.56
5	40.653248	-84.235655	838.44	9.00	847.44
6	40.653242	-84.234747	840.67	9.00	849.67
7	40.653245	-84.233879	840.54	9.00	849.54
8	40.653243	-84.232152	838.45	9.00	847.45
9	40.653233	-84.230995	837.40	9.00	846.40
10	40.653240	-84.229851	844.63	9.00	853.64
11	40.653241	-84.227624	843.89	9.00	852.89
12	40.653257	-84.225947	844.62	9.00	853.62
13	40.653241	-84.224148	843.29	9.00	852.30
14	40.653248	-84.222579	843.81	9.00	852.81
15	40.653251	-84.221037	845.06	9.00	854.06
16	40.653258	-84.217955	846.57	9.00	855.57
17	40.653262	-84.216530	848.69	9.00	857.69

Name: Railroad
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.670162	-84.191447	844.87	15.00	859.87
2	40.668437	-84.194016	844.81	15.00	859.81
3	40.667155	-84.195910	845.51	15.00	860.51
4	40.666232	-84.197294	847.53	15.00	862.53
5	40.665003	-84.199166	848.47	15.00	863.47
6	40.663892	-84.200861	847.31	15.00	862.31
7	40.662582	-84.202846	846.94	15.00	861.94
8	40.661796	-84.203984	846.22	15.00	861.23
9	40.661039	-84.205142	843.83	15.00	858.83
10	40.659544	-84.207358	844.53	15.00	859.53
11	40.658052	-84.209557	847.78	15.00	862.78
12	40.657145	-84.210963	848.99	15.00	863.99
13	40.656591	-84.211794	849.13	15.00	864.13
14	40.655332	-84.213656	849.92	15.00	864.92
15	40.654382	-84.215085	849.87	15.00	864.87
16	40.653316	-84.216687	849.16	15.00	864.16

Name: South Kemp Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.685970	-84.222805	874.03	9.00	883.03
2	40.685024	-84.222802	871.21	9.00	880.21
3	40.683921	-84.222794	872.69	9.00	881.69
4	40.683376	-84.222783	875.06	9.00	884.06
5	40.682591	-84.222790	873.05	9.00	882.05
6	40.681574	-84.222781	869.55	9.00	878.55
7	40.681037	-84.222783	867.34	9.00	876.34
8	40.679733	-84.222774	867.76	9.00	876.76
9	40.679049	-84.222761	864.35	9.00	873.35
10	40.678334	-84.222756	859.43	9.00	868.43
11	40.677482	-84.222746	856.75	9.00	865.75
12	40.677026	-84.222740	855.80	9.00	864.80
13	40.676277	-84.222731	856.01	9.00	865.01
14	40.675519	-84.222727	855.08	9.00	864.08
15	40.674829	-84.222732	852.90	9.00	861.90
16	40.674166	-84.222727	854.48	9.00	863.48
17	40.673393	-84.222713	851.87	9.00	860.87
18	40.672878	-84.222708	850.62	9.00	859.62
19	40.672250	-84.222687	849.14	9.00	858.14
20	40.671151	-84.222676	843.47	9.00	852.47
21	40.664287	-84.222625	834.46	9.00	843.46

Name: S Wapakoneta Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.686108	-84.203756	863.93	9.00	872.93
2	40.685427	-84.203755	859.88	9.00	868.88
3	40.684717	-84.203744	857.16	9.00	866.16
4	40.683843	-84.203739	852.37	9.00	861.37
5	40.682971	-84.203725	850.06	9.00	859.06
6	40.681809	-84.203720	848.70	9.00	857.70
7	40.681074	-84.203704	846.77	9.00	855.78
8	40.680339	-84.203700	846.99	9.00	855.99
9	40.679512	-84.203696	844.10	9.00	853.10
10	40.678660	-84.203680	840.91	9.00	849.91
11	40.677829	-84.203666	839.72	9.00	848.72
12	40.676972	-84.203661	841.45	9.00	850.45
13	40.675934	-84.203639	841.01	9.00	850.01
14	40.674681	-84.203627	840.14	9.00	849.14
15	40.674321	-84.203630	839.44	9.00	848.44
16	40.673687	-84.203615	838.85	9.00	847.85
17	40.673213	-84.203610	839.19	9.00	848.19
18	40.672454	-84.203607	839.24	9.00	848.24
19	40.671691	-84.203606	841.32	9.00	850.32
20	40.671060	-84.203591	840.96	9.00	849.96
21	40.670509	-84.203595	839.16	9.00	848.16
22	40.669557	-84.203588	840.63	9.00	849.63
23	40.668048	-84.203574	839.77	9.00	848.77
24	40.666580	-84.203560	841.80	9.00	850.80
25	40.665394	-84.203548	844.11	9.00	853.11
26	40.662086	-84.203524	848.21	9.00	857.21

Name: West Hume Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.664194	-84.222567	834.60	9.00	843.61
2	40.664175	-84.222320	834.43	9.00	843.43
3	40.664188	-84.221017	837.33	9.00	846.33
4	40.664184	-84.219386	835.71	9.00	844.71
5	40.664192	-84.217777	835.85	9.00	844.85
6	40.664204	-84.215727	840.86	9.00	849.86
7	40.664215	-84.214547	840.24	9.00	849.24
8	40.664221	-84.212820	838.63	9.00	847.63
9	40.664233	-84.210830	840.89	9.00	849.89
10	40.664235	-84.209328	844.27	9.00	853.27
11	40.664247	-84.207399	844.32	9.00	853.32
12	40.664243	-84.205291	841.19	9.00	850.19
13	40.664269	-84.203529	842.52	9.00	851.52

Name: Zerkle Road
Route type Two-way
View angle: 50.0 deg



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	ft	ft	ft
1	40.671428	-84.222677	846.35	9.00	855.36
2	40.671418	-84.223419	846.49	9.00	855.49
3	40.671408	-84.224507	851.09	9.00	860.09
4	40.671404	-84.225382	851.97	9.00	860.97
5	40.671403	-84.226428	849.44	9.00	858.44
6	40.671391	-84.227083	849.08	9.00	858.08
7	40.671391	-84.227873	849.94	9.00	858.94
8	40.671387	-84.228638	848.02	9.00	857.02
9	40.671387	-84.230167	844.17	9.00	853.17
10	40.671382	-84.230987	844.15	9.00	853.15
11	40.671375	-84.231960	845.29	9.00	854.29
12	40.671371	-84.232964	847.79	9.00	856.79
13	40.671370	-84.234175	851.25	9.00	860.25
14	40.671359	-84.235462	852.70	9.00	861.70
15	40.671361	-84.236770	853.76	9.00	862.76
16	40.671356	-84.237899	854.54	9.00	863.54
17	40.671350	-84.239029	854.56	9.00	863.56
18	40.671349	-84.239725	854.10	9.00	863.10
19	40.671348	-84.240434	854.10	9.00	863.10
20	40.671345	-84.241804	848.27	9.00	857.27

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	ft	ft	ft
OP 1	40.740549	-84.118333	868.53	500.02	1368.56
OP 2	40.735693	-84.086896	885.19	500.02	1385.21
OP 3	40.679915	-84.240753	872.65	25.00	897.65
OP 4	40.674504	-84.241343	865.28	25.00	890.28
OP 5	40.671022	-84.238425	855.82	25.00	880.82
OP 6	40.671624	-84.233607	850.92	25.00	875.92
OP 7	40.671046	-84.229509	846.50	25.00	871.50
OP 8	40.671209	-84.227985	849.59	25.00	874.60
OP 9	40.671144	-84.225443	850.53	25.00	875.53
OP 10	40.671746	-84.224037	849.50	25.00	874.50
OP 11	40.674179	-84.222331	855.08	25.00	880.08
OP 12	40.673129	-84.222235	850.80	25.00	875.80
OP 13	40.669638	-84.222310	846.20	25.00	871.20
OP 14	40.667734	-84.223629	840.21	25.00	865.21
OP 15	40.657048	-84.239862	844.73	25.00	869.73
OP 16	40.654069	-84.238189	845.06	25.00	870.06
OP 17	40.653931	-84.232577	839.57	25.00	864.57
OP 18	40.653442	-84.229048	846.21	25.00	871.21
OP 19	40.652978	-84.225282	846.64	25.00	871.64
OP 20	40.653768	-84.220250	847.63	25.00	872.63
OP 21	40.654419	-84.219048	846.49	25.00	871.49
OP 22	40.654623	-84.217621	845.29	25.00	870.29
OP 23	40.663909	-84.220904	837.77	25.00	862.77
OP 24	40.664519	-84.214317	842.58	25.00	867.58
OP 25	40.663852	-84.210465	844.83	25.00	869.83
OP 26	40.664698	-84.209661	842.50	25.00	867.50
OP 27	40.669134	-84.203942	845.99	25.00	870.99
OP 28	40.669427	-84.203062	842.77	25.00	867.77
OP 29	40.683837	-84.226644	882.57	25.00	907.57
OP 30	40.681767	-84.223162	873.08	25.00	898.08
OP 31	40.680840	-84.222395	871.18	25.00	896.19
OP 32	40.679697	-84.222508	869.16	25.00	894.16

PV Array Results

Summary of PV Glare Analysis PV configuration and predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
401	SA tracking	SA tracking	0	0	-	-
402	SA tracking	SA tracking	0	0	-	-
403	SA tracking	SA tracking	0	0	-	-
404	SA tracking	SA tracking	0	0	-	-
405	SA tracking	SA tracking	0	0	-	-
406	SA tracking	SA tracking	0	0	-	-
407	SA tracking	SA tracking	0	0	-	-
408	SA tracking	SA tracking	0	0	-	-
409	SA tracking	SA tracking	0	0	-	-
410	SA tracking	SA tracking	0	0	-	-
411	SA tracking	SA tracking	0	0	-	-
412	SA tracking	SA tracking	0	0	-	-
413	SA tracking	SA tracking	0	0	-	-
414	SA tracking	SA tracking	0	0	-	-
415	SA tracking	SA tracking	0	0	-	-
416	SA tracking	SA tracking	0	0	-	-
417	SA tracking	SA tracking	0	0	-	-
418	SA tracking	SA tracking	0	0	-	-
419	SA tracking	SA tracking	0	0	-	-
420	SA tracking	SA tracking	0	0	-	-

Click the name of the PV array to scroll to its results

PV & Receptor Analysis Results detailed results for each PV array and receptor

401 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

403 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

404 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

409 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

411 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

413 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

415 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Component	Green glare (min)	Yellow glare (min)
FP: Allen County Airport Runway 10	0	0
FP: Allen County Airport Runway 28	0	0
FP: Youngpeter Airport North Approach	0	0
FP: Youngpeter Airport South Approach	0	0
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
Route: Bowsher Road	0	0
Route: National Road	0	0
Route: Railroad	0	0
Route: South Kemp Road	0	0
Route: S Wapakoneta Road	0	0
Route: West Hume Road	0	0
Route: Zerkle Road	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results for large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Glare vector plots are simplified representations of analysis data. Actual glare emanations and results may differ.
- Glare analysis methods used: OP V1, FP V1, Route V1
- Refer to the **Help page** for assumptions and limitations not listed here.

This foregoing document was electronically filed with the Public Utilities

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2/12/2021 12:05:09 PM

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Case No(s). 20-1605-EL-BGN

Summary: Application - 19 of 31 (Exhibit N - Glare Hazard Assessment) electronically filed by Christine M.T. Pirik on behalf of Birch Solar 1, LLC