

FORGESOLAR GLARE ANALYSIS

Project: **IAMP Sunderland rooftop**

Site configuration: **NT15611 Envision giga plant variation**

Created 07 Jun, 2023

Updated 14 Jun, 2023

Time-step 1 minute

Timezone offset UTC0

Minimum sun altitude 0.0 deg

DNI peaks at 1,000.0 W/m²

Category 1 MW to 5 MW

Site ID 92320.9902

Ocular transmission coefficient 0.5

Pupil diameter 0.002 m

Eye focal length 0.017 m

Sun subtended angle 9.3 mrad

PV analysis methodology V2

Summary of Results Glare with potential for temporary after-image predicted

PV Array	Tilt °	Orient °	Annual Green Glare		Annual Yellow Glare		Energy kWh	Peak Luminance cd/m ²
			min	hr	min	hr		
PV array 1	2.124	156.0	1,122	18.7	0	0.0	-	91,360
PV array 10	2.124	156.0	1,970	32.8	0	0.0	-	183,764
PV array 11	2.124	336.0	17,983	299.7	0	0.0	-	42,987
PV array 12	2.124	336.0	13,925	232.1	0	0.0	-	22,476
PV array 13	2.058	156.0	3,538	59.0	125	2.1	-	326,670
PV array 14	2.058	156.0	3,025	50.4	18	0.3	-	281,892
PV array 15	2.058	336.0	13,017	216.9	0	0.0	-	23,906
PV array 16	2.058	336.0	27,247	454.1	0	0.0	-	62,218
PV array 17	2.124	336.0	18,865	314.4	0	0.0	-	33,092
PV array 18	2.058	156.0	1,884	31.4	0	0.0	-	120,149
PV array 2	2.124	156.0	1,674	27.9	0	0.0	-	86,192
PV array 3	2.124	336.0	9,967	166.1	0	0.0	-	15,481
PV array 4	2.124	336.0	11,248	187.5	0	0.0	-	25,623
PV array 5	2.058	156.0	1,283	21.4	0	0.0	-	100,790
PV array 6	2.058	156.0	1,157	19.3	0	0.0	-	92,841
PV array 7	2.058	336.0	9,817	163.6	0	0.0	-	24,570
PV array 8	2.058	336.0	10,892	181.5	0	0.0	-	20,531
PV array 9	2.124	156.0	1,844	30.7	21	0.3	-	277,919

Total glare received by each receptor; may include duplicate times of glare from multiple reflective surfaces.

Footpath 1	55	0.9	0	0.0
Footpath 2	11,351	189.2	0	0.0

Receptor	Annual Green Glare		Annual Yellow Glare	
	min	hr	min	hr
Footpath 3	2,022	33.7	0	0.0
Footpath 4	1,959	32.6	0	0.0
Route 1	2,789	46.5	143	2.4
Route 10	451	7.5	0	0.0
Route 11	0	0.0	0	0.0
Route 12	1,699	28.3	0	0.0
Route 13	6,939	115.7	0	0.0
Route 14	617	10.3	0	0.0
Route 15	882	14.7	0	0.0
Route 16	0	0.0	0	0.0
Route 2	0	0.0	0	0.0
Route 3	0	0.0	0	0.0
Route 4	6,588	109.8	0	0.0
Route 5	22,098	368.3	0	0.0
Route 6	11,074	184.6	0	0.0
Route 7	30,602	510.0	0	0.0
Route 8	586	9.8	0	0.0
Route 9	6,338	105.6	0	0.0
FP 1	0	0.0	0	0.0
FP 2	0	0.0	0	0.0
OP 1	3,505	58.4	21	0.3
OP 2	1,291	21.5	0	0.0
OP 3	69	1.1	0	0.0
OP 4	20	0.3	0	0.0
OP 5	301	5.0	0	0.0
OP 6	18	0.3	0	0.0
OP 7	75	1.2	0	0.0
OP 8	226	3.8	0	0.0
OP 9	565	9.4	0	0.0
OP 10	1,127	18.8	0	0.0
OP 11	69	1.1	0	0.0
OP 12	0	0.0	0	0.0
OP 13	6,362	106.0	0	0.0
OP 14	4,325	72.1	0	0.0
OP 15	1,314	21.9	0	0.0
OP 16	112	1.9	0	0.0
OP 17	865	14.4	0	0.0
OP 18	0	0.0	0	0.0
OP 19	0	0.0	0	0.0
OP 20	0	0.0	0	0.0
OP 21	0	0.0	0	0.0
OP 22	0	0.0	0	0.0
OP 23	8,605	143.4	0	0.0

Receptor	Annual Green Glare		Annual Yellow Glare	
	min	hr	min	hr
OP 24	0	0.0	0	0.0
OP 25	3,669	61.1	0	0.0
OP 26	3,422	57.0	0	0.0
OP 27	6,154	102.6	0	0.0
OP 28	2,314	38.6	0	0.0
OP 29	0	0.0	0	0.0
OP 30	0	0.0	0	0.0

Component Data

PV Arrays

Name: PV array 1
Axis tracking: Fixed (no rotation)
Tilt: 2.124°
Orientation: 156.0°
Rated power: -
Panel material: Smooth glass with AR coating
Reflectivity: Vary with sun
Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.920410	-1.483984	39.40	28.50	67.90
2	54.920643	-1.484150	38.71	28.50	67.21
3	54.921222	-1.481919	38.65	28.50	67.15
4	54.920987	-1.481755	38.66	28.50	67.16

Name: PV array 10
Axis tracking: Fixed (no rotation)
Tilt: 2.124°
Orientation: 156.0°
Rated power: -
Panel material: Smooth glass with AR coating
Reflectivity: Vary with sun
Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.921225	-1.481923	38.65	15.50	54.15
2	54.921435	-1.482075	39.00	15.50	54.50
3	54.922005	-1.479874	38.32	15.50	53.82
4	54.921789	-1.479712	38.08	15.50	53.58

Name: PV array 11

Axis tracking: Fixed (no rotation)

Tilt: 2.124°

Orientation: 336.0°

Rated power: -

Panel material: Smooth glass with AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.921435	-1.482076	38.97	15.50	54.47
2	54.921655	-1.482243	38.59	15.50	54.09
3	54.922231	-1.480044	38.26	15.50	53.76
4	54.922006	-1.479874	38.32	15.50	53.82

Name: PV array 12

Axis tracking: Fixed (no rotation)

Tilt: 2.124°

Orientation: 336.0°

Rated power: -

Panel material: Smooth glass with AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.921655	-1.482243	38.59	14.50	53.09
2	54.921873	-1.482434	38.67	14.50	53.17
3	54.922444	-1.480215	37.92	14.50	52.42
4	54.922231	-1.480043	38.26	14.50	52.76

Name: PV array 13

Axis tracking: Fixed (no rotation)

Tilt: 2.058°

Orientation: 156.0°

Rated power: -

Panel material: Smooth glass with AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.921928	-1.482474	38.60	14.50	53.10
2	54.922156	-1.482654	38.33	14.50	52.83
3	54.922723	-1.480417	37.36	14.50	51.86
4	54.922501	-1.480248	37.73	14.50	52.23

Name: PV array 14

Axis tracking: Fixed (no rotation)

Tilt: 2.058°

Orientation: 156.0°

Rated power: -

Panel material: Smooth glass with AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.922156	-1.482654	38.33	15.50	53.83
2	54.922385	-1.482825	38.07	15.50	53.57
3	54.922951	-1.480594	37.15	15.50	52.65
4	54.922723	-1.480416	37.36	15.50	52.86

Name: PV array 15

Axis tracking: Fixed (no rotation)

Tilt: 2.058°

Orientation: 336.0°

Rated power: -

Panel material: Smooth glass with AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.922385	-1.482825	38.07	15.50	53.57
2	54.922624	-1.483006	37.78	15.50	53.28
3	54.923181	-1.480760	37.21	15.50	52.71
4	54.922951	-1.480594	37.15	15.50	52.65

Name: PV array 16

Axis tracking: Fixed (no rotation)

Tilt: 2.058°

Orientation: 336.0°

Rated power: -

Panel material: Smooth glass with AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.922623	-1.483005	37.78	14.50	52.28
2	54.922843	-1.483175	37.53	14.50	52.03
3	54.923400	-1.480941	36.60	14.50	51.10
4	54.923181	-1.480760	37.21	14.50	51.71

Name: PV array 17

Axis tracking: Fixed (no rotation)

Tilt: 2.124°

Orientation: 336.0°

Rated power: -

Panel material: Smooth glass with AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.922444	-1.480215	37.92	14.50	52.42
2	54.922570	-1.479737	37.23	14.50	51.73
3	54.922249	-1.479490	37.97	14.50	52.47
4	54.922121	-1.479961	38.30	14.50	52.80

Name: PV array 18

Axis tracking: Fixed (no rotation)

Tilt: 2.058°

Orientation: 156.0°

Rated power: -

Panel material: Smooth glass with AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.922501	-1.480248	37.73	14.50	52.23
2	54.922839	-1.480507	37.55	14.50	52.05
3	54.922952	-1.480030	37.72	14.50	52.22
4	54.922626	-1.479780	37.23	14.50	51.73

Name: PV array 2

Axis tracking: Fixed (no rotation)

Tilt: 2.124°

Orientation: 156.0°

Rated power: -

Panel material: Smooth glass with AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.920644	-1.484150	38.71	29.50	68.21
2	54.920854	-1.484324	38.92	29.50	68.42
3	54.921436	-1.482075	38.97	29.50	68.47
4	54.921222	-1.481920	38.65	29.50	68.15

Name: PV array 3

Axis tracking: Fixed (no rotation)

Tilt: 2.124°

Orientation: 336.0°

Rated power: -

Panel material: Smooth glass with AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.920854	-1.484324	38.89	29.50	68.39
2	54.921081	-1.484487	38.81	29.50	68.31
3	54.921653	-1.482242	38.59	29.50	68.09
4	54.921435	-1.482075	38.97	29.50	68.47

Name: PV array 4

Axis tracking: Fixed (no rotation)

Tilt: 2.124°

Orientation: 336.0°

Rated power: -

Panel material: Smooth glass with AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.921081	-1.484484	38.75	28.50	67.25
2	54.921297	-1.484664	39.34	28.50	67.84
3	54.921873	-1.482434	38.70	28.50	67.20
4	54.921654	-1.482242	38.59	28.50	67.09

Name: PV array 5

Axis tracking: Fixed (no rotation)

Tilt: 2.058°

Orientation: 156.0°

Rated power: -

Panel material: Smooth glass with AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.921351	-1.484707	39.36	28.50	67.86
2	54.921587	-1.484875	39.12	28.50	67.62
3	54.922154	-1.482652	38.37	28.50	66.87
4	54.921928	-1.482474	38.58	28.50	67.08

Name: PV array 6

Axis tracking: Fixed (no rotation)

Tilt: 2.058°

Orientation: 156.0°

Rated power: -

Panel material: Smooth glass with AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.921587	-1.484875	39.11	29.50	68.61
2	54.921809	-1.485057	39.19	29.50	68.69
3	54.922385	-1.482825	38.18	29.50	67.68
4	54.922155	-1.482653	38.33	29.50	67.83

Name: PV array 7

Axis tracking: Fixed (no rotation)

Tilt: 2.058°

Orientation: 336.0°

Rated power: -

Panel material: Smooth glass with AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.921809	-1.485057	39.13	29.50	68.63
2	54.922057	-1.485235	39.57	29.50	69.07
3	54.922621	-1.483004	37.78	29.50	67.28
4	54.922385	-1.482825	38.08	29.50	67.58

Name: PV array 8

Axis tracking: Fixed (no rotation)

Tilt: 2.058°

Orientation: 336.0°

Rated power: -

Panel material: Smooth glass with AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.922057	-1.485234	39.57	28.50	68.07
2	54.922267	-1.485407	39.54	28.50	68.04
3	54.922843	-1.483175	37.61	28.50	66.11
4	54.922622	-1.483004	37.78	28.50	66.28

Name: PV array 9

Axis tracking: Fixed (no rotation)

Tilt: 2.124°

Orientation: 156.0°

Rated power: -

Panel material: Smooth glass with AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.920987	-1.481755	38.66	14.50	53.16
2	54.921224	-1.481924	38.65	14.50	53.15
3	54.921788	-1.479712	38.08	14.50	52.58
4	54.921565	-1.479536	38.05	14.50	52.55

Route Receptors

Name: Footpath 1
Path type: Two-way
Observer view angle: 50.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.917097	-1.495608	42.23	1.80	44.03
2	54.913718	-1.493097	41.49	1.80	43.29
3	54.912682	-1.496938	42.43	1.80	44.23
4	54.911744	-1.496380	41.32	1.80	43.12
5	54.911016	-1.497024	39.86	1.80	41.66
6	54.910659	-1.496853	40.21	1.80	42.01
7	54.910239	-1.496574	40.30	1.80	42.10
8	54.909906	-1.495930	39.53	1.80	41.33
9	54.909783	-1.495093	38.37	1.80	40.17
10	54.909647	-1.494836	38.53	1.80	40.33
11	54.909462	-1.494782	38.26	1.80	40.06
12	54.909370	-1.494653	38.27	1.80	40.07
13	54.909376	-1.494278	38.62	1.80	40.42
14	54.910548	-1.490726	37.62	1.80	39.42
15	54.909579	-1.488731	36.39	1.80	38.19
16	54.909672	-1.488581	36.46	1.80	38.26
17	54.909592	-1.488473	36.83	1.80	38.63
18	54.909653	-1.488366	36.42	1.80	38.22

Name: Footpath 2
Path type: Two-way
Observer view angle: 50.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.925108	-1.507418	44.00	1.80	45.80
2	54.927747	-1.508662	46.12	1.80	47.92
3	54.928055	-1.507300	42.78	1.80	44.58
4	54.927944	-1.506849	42.37	1.80	44.17
5	54.927932	-1.506205	43.27	1.80	45.07
6	54.928221	-1.504875	44.36	1.80	46.16
7	54.928363	-1.504757	44.77	1.80	46.57
8	54.928511	-1.504875	45.05	1.80	46.85
9	54.928677	-1.504800	44.66	1.80	46.46
10	54.928906	-1.504381	43.16	1.80	44.96
11	54.929054	-1.504113	41.95	1.80	43.75
12	54.929146	-1.503695	42.50	1.80	44.30
13	54.930773	-1.503190	39.35	1.80	41.15
14	54.930910	-1.503319	39.41	1.80	41.21
15	54.930959	-1.503565	40.13	1.80	41.93
16	54.931017	-1.503657	39.91	1.80	41.71
17	54.931883	-1.503885	41.87	1.80	43.67
18	54.932487	-1.504105	42.53	1.80	44.33
19	54.933279	-1.504330	43.04	1.80	44.84
20	54.933377	-1.504357	42.89	1.80	44.69

Name: Footpath 3
Path type: Two-way
Observer view angle: 50.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.933063	-1.493998	41.30	1.80	43.10
2	54.933803	-1.493622	42.39	1.80	44.19
3	54.935418	-1.487968	43.68	1.80	45.48
4	54.935652	-1.487217	43.91	1.80	45.71
5	54.935935	-1.485983	42.11	1.80	43.91
6	54.936169	-1.484599	41.08	1.80	42.88
7	54.936817	-1.484256	41.04	1.80	42.84
8	54.937156	-1.483838	41.04	1.80	42.84
9	54.937439	-1.483054	40.50	1.80	42.30
10	54.937649	-1.481874	39.64	1.80	41.44
11	54.937840	-1.480458	38.17	1.80	39.97
12	54.937982	-1.479611	37.90	1.80	39.70
13	54.938462	-1.477390	36.58	1.80	38.38
14	54.938345	-1.476639	36.26	1.80	38.06
15	54.938512	-1.476628	36.78	1.80	38.58
16	54.938968	-1.474622	36.25	1.80	38.05

Name: Footpath 4
Path type: Two-way
Observer view angle: 50.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.941488	-1.466755	36.00	1.80	37.80
2	54.939455	-1.467785	34.64	1.80	36.44
3	54.939146	-1.468085	34.61	1.80	36.41
4	54.938123	-1.468557	35.39	1.80	37.19
5	54.934918	-1.469544	34.65	1.80	36.45
6	54.934448	-1.469648	33.72	1.80	35.52
7	54.933819	-1.468790	31.95	1.80	33.75
8	54.933240	-1.467824	35.29	1.80	37.09
9	54.932981	-1.467266	37.59	1.80	39.39
10	54.933092	-1.466773	37.94	1.80	39.74
11	54.933277	-1.465872	38.22	1.80	40.02

Name: Route 1
Path type: Two-way
Observer view angle: 50.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.931159	-1.470625	38.81	0.00	38.81
2	54.930814	-1.470969	37.92	0.00	37.92
3	54.925241	-1.472857	36.46	0.00	36.46
4	54.924304	-1.473286	36.45	0.00	36.45
5	54.923169	-1.474273	34.72	0.00	34.72
6	54.922429	-1.475003	35.75	0.00	35.75
7	54.921813	-1.476247	37.70	0.00	37.70
8	54.921566	-1.477234	38.18	0.00	38.18
9	54.916559	-1.498263	42.01	0.00	42.01
10	54.916288	-1.499078	41.26	0.00	41.26
11	54.916017	-1.499979	41.70	0.00	41.70
12	54.915301	-1.500580	41.91	0.00	41.91
13	54.914808	-1.500795	42.13	0.00	42.13
14	54.914191	-1.500537	44.64	0.00	44.64
15	54.913722	-1.500580	45.62	0.00	45.62
16	54.913352	-1.501138	46.28	0.00	46.28
17	54.913229	-1.502769	47.86	0.00	47.86

Name: Route 10
Path type: Two-way
Observer view angle: 50.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.913292	-1.503102	48.50	0.00	48.50
2	54.913650	-1.503423	49.01	0.00	49.01
3	54.914328	-1.503359	46.95	0.00	46.95
4	54.915463	-1.503552	46.02	0.00	46.02
5	54.916795	-1.504067	46.04	0.00	46.04
6	54.917510	-1.504411	45.61	0.00	45.61
7	54.917917	-1.504947	46.74	0.00	46.74
8	54.918115	-1.505719	49.56	0.00	49.56
9	54.918263	-1.510569	56.57	0.00	56.57
10	54.918176	-1.511878	56.16	0.00	56.16
11	54.917954	-1.513337	55.98	0.00	55.98
12	54.918028	-1.514753	57.69	0.00	57.69
13	54.918349	-1.515483	56.35	0.00	56.35

Name: Route 11
Path type: Two-way
Observer view angle: 50.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.945552	-1.515590	53.96	0.00	53.96
2	54.944073	-1.517650	56.47	0.00	56.47
3	54.942101	-1.520826	58.03	0.00	58.03
4	54.938995	-1.523658	55.70	0.00	55.70
5	54.934656	-1.527950	59.10	0.00	59.10
6	54.934015	-1.529151	58.11	0.00	58.11
7	54.932239	-1.532584	62.86	0.00	62.86
8	54.930415	-1.534730	67.81	0.00	67.81

Name: Route 12
Path type: Two-way
Observer view angle: 50.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.955607	-1.497651	31.68	0.00	31.68
2	54.953931	-1.502458	34.77	0.00	34.77
3	54.950185	-1.509925	43.24	0.00	43.24
4	54.947918	-1.514131	49.89	0.00	49.89
5	54.945798	-1.515333	53.11	0.00	53.11

Name: Route 13
Path type: Two-way
Observer view angle: 50.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.952206	-1.506234	40.53	0.00	40.53
2	54.954720	-1.509839	43.14	0.00	43.14
3	54.959032	-1.515805	40.43	0.00	40.43
4	54.960252	-1.521019	42.27	0.00	42.27
5	54.960979	-1.525718	45.83	0.00	45.83

Name: Route 14
Path type: Two-way
Observer view angle: 50.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.923004	-1.507329	49.41	0.00	49.41
2	54.922067	-1.507329	48.66	0.00	48.66
3	54.921179	-1.507930	49.92	0.00	49.92
4	54.920957	-1.508831	51.75	0.00	51.75
5	54.920933	-1.510719	52.33	0.00	52.33
6	54.920908	-1.511749	50.71	0.00	50.71
7	54.920316	-1.513466	51.38	0.00	51.38
8	54.919403	-1.514367	53.25	0.00	53.25
9	54.918195	-1.515740	57.50	0.00	57.50
10	54.917850	-1.516255	59.85	0.00	59.85
11	54.917702	-1.517328	59.38	0.00	59.38

Name: Route 15
Path type: Two-way
Observer view angle: 50.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.925766	-1.461753	34.07	0.00	34.07
2	54.925347	-1.462611	33.06	0.00	33.06
3	54.923424	-1.470465	33.77	0.00	33.77
4	54.922856	-1.472267	34.01	0.00	34.01
5	54.922437	-1.473683	35.38	0.00	35.38
6	54.921820	-1.476258	37.65	0.00	37.65

Name: Route 16
Path type: Two-way
Observer view angle: 50.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.899803	-1.455680	42.88	0.00	42.88
2	54.898766	-1.457225	42.89	0.00	42.89
3	54.897828	-1.459199	42.54	0.00	42.54
4	54.897039	-1.461688	42.81	0.00	42.81
5	54.895410	-1.467782	42.34	0.00	42.34
6	54.893287	-1.473104	42.76	0.00	42.76
7	54.887907	-1.486150	39.29	0.00	39.29
8	54.883957	-1.495591	37.94	0.00	37.94
9	54.882180	-1.497737	36.42	0.00	36.42
10	54.878773	-1.500570	38.23	0.00	38.23

Name: Route 2
Path type: Two-way
Observer view angle: 50.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.918705	-1.489014	40.00	0.00	40.00
2	54.917139	-1.487920	38.93	0.00	38.93
3	54.916744	-1.487834	39.77	0.00	39.77
4	54.916313	-1.487963	39.69	0.00	39.69
5	54.915967	-1.488392	40.43	0.00	40.43
6	54.915758	-1.488972	40.25	0.00	40.25
7	54.915252	-1.490753	39.88	0.00	39.88
8	54.912008	-1.488135	38.35	0.00	38.35
9	54.911663	-1.487899	36.97	0.00	36.97
10	54.911182	-1.486997	36.03	0.00	36.03
11	54.911058	-1.486440	35.87	0.00	35.87

Name: Route 3
Path type: Two-way
Observer view angle: 50.0°



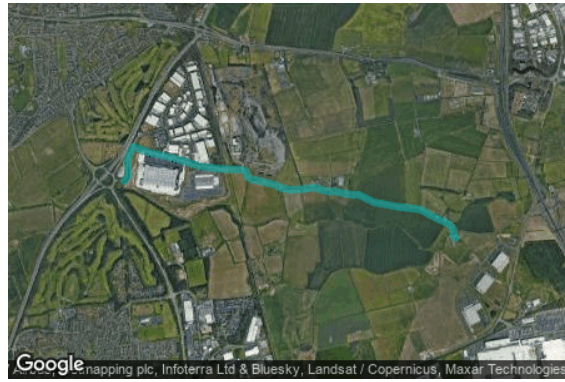
Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.915943	-1.480346	36.97	0.00	36.97
2	54.915314	-1.481075	38.02	0.00	38.02
3	54.914413	-1.482255	37.79	0.00	37.79
4	54.913685	-1.483307	38.43	0.00	38.43
5	54.912970	-1.484401	39.16	0.00	39.16
6	54.912440	-1.485131	38.79	0.00	38.79
7	54.911835	-1.485753	38.39	0.00	38.39
8	54.909467	-1.488221	36.74	0.00	36.74
9	54.908677	-1.488843	37.87	0.00	37.87
10	54.907444	-1.489229	40.05	0.00	40.05
11	54.906371	-1.489229	40.96	0.00	40.96

Name: Route 4
Path type: Two-way
Observer view angle: 50.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.909011	-1.462471	38.12	0.00	38.12
2	54.907974	-1.467621	35.63	0.00	35.63
3	54.906691	-1.476805	30.63	0.00	30.63
4	54.905704	-1.488049	35.55	0.00	35.55
5	54.905606	-1.499379	43.27	0.00	43.27
6	54.905507	-1.512511	53.05	0.00	53.05
7	54.906099	-1.520750	66.07	0.00	66.07
8	54.906198	-1.523583	67.43	0.00	67.43
9	54.905803	-1.527102	66.16	0.00	66.16
10	54.902842	-1.534912	65.72	0.00	65.72
11	54.901757	-1.539719	68.25	0.00	68.25
12	54.901115	-1.545126	83.00	0.00	83.00
13	54.901757	-1.549761	91.36	0.00	91.36
14	54.906593	-1.558859	115.57	0.00	115.57

Name: Route 5
Path type: Two-way
Observer view angle: 50.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.933995	-1.525943	63.11	0.00	63.11
2	54.934414	-1.525385	60.49	0.00	60.49
3	54.935745	-1.525471	57.83	0.00	57.83
4	54.936337	-1.525042	56.02	0.00	56.02
5	54.936707	-1.524699	55.97	0.00	55.97
6	54.936213	-1.522510	57.40	0.00	57.40
7	54.936066	-1.521137	57.63	0.00	57.63
8	54.935597	-1.518004	55.71	0.00	55.71
9	54.935153	-1.515515	54.81	0.00	54.81
10	54.934956	-1.512811	47.72	0.00	47.72
11	54.934882	-1.509807	46.34	0.00	46.34
12	54.934808	-1.509335	47.43	0.00	47.43
13	54.934364	-1.509035	47.31	0.00	47.31
14	54.934118	-1.508520	46.31	0.00	46.31
15	54.934019	-1.507575	45.89	0.00	45.89
16	54.933699	-1.505301	43.56	0.00	43.56
17	54.933403	-1.504185	43.00	0.00	43.00
18	54.933304	-1.502898	44.04	0.00	44.04
19	54.933378	-1.500966	45.77	0.00	45.77
20	54.933477	-1.499851	47.41	0.00	47.41
21	54.933181	-1.498220	45.43	0.00	45.43
22	54.933156	-1.496932	44.23	0.00	44.23
23	54.932885	-1.494572	38.76	0.00	38.76
24	54.932910	-1.493714	41.74	0.00	41.74
25	54.932318	-1.491654	39.77	0.00	39.77
26	54.932047	-1.489122	38.85	0.00	38.85
27	54.931973	-1.488435	38.74	0.00	38.74
28	54.931751	-1.485302	38.50	0.00	38.50
29	54.931134	-1.483285	37.49	0.00	37.49
30	54.930617	-1.481354	37.56	0.00	37.56
31	54.930222	-1.480753	35.74	0.00	35.74
32	54.929704	-1.480710	35.50	0.00	35.50
33	54.929532	-1.480367	36.54	0.00	36.54

Name: Route 6
Path type: Two-way
Observer view angle: 50.0°



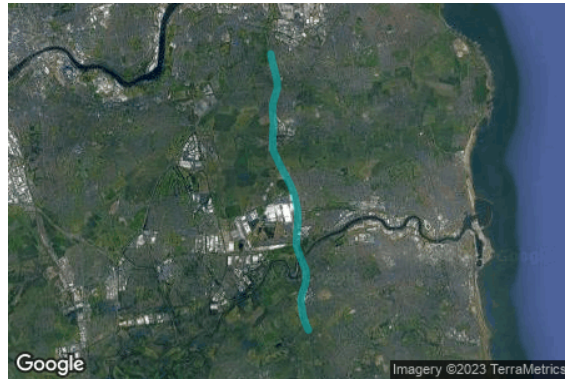
Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.925722	-1.472792	36.56	0.00	36.56
2	54.925870	-1.473479	35.17	0.00	35.17
3	54.927942	-1.476955	36.66	0.00	36.66
4	54.929224	-1.479272	36.85	0.00	36.85
5	54.929582	-1.480452	36.59	0.00	36.59
6	54.929859	-1.479948	37.62	0.00	37.62
7	54.929952	-1.479444	36.70	0.00	36.70
8	54.929785	-1.476901	38.90	0.00	38.90
9	54.929871	-1.474970	37.21	0.00	37.21
10	54.931154	-1.471193	37.83	0.00	37.83
11	54.931215	-1.470614	39.24	0.00	39.24
12	54.931918	-1.469498	42.55	0.00	42.55
13	54.932744	-1.467095	40.89	0.00	40.89
14	54.933891	-1.464112	39.60	0.00	39.60
15	54.934149	-1.463662	40.59	0.00	40.59
16	54.935136	-1.462846	40.91	0.00	40.91
17	54.935505	-1.462246	41.22	0.00	41.22
18	54.936183	-1.460658	44.11	0.00	44.11
19	54.938649	-1.458233	52.23	0.00	52.23
20	54.939339	-1.457160	54.08	0.00	54.08
21	54.940448	-1.456109	52.42	0.00	52.42
22	54.941558	-1.456731	44.94	0.00	44.94
23	54.942137	-1.457439	44.58	0.00	44.58

Name: Route 7
Path type: Two-way
Observer view angle: 50.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.943727	-1.450873	51.62	0.00	51.62
2	54.943222	-1.451324	52.82	0.00	52.82
3	54.942840	-1.452160	53.90	0.00	53.90
4	54.942667	-1.454049	52.17	0.00	52.17
5	54.942445	-1.456001	44.30	0.00	44.30
6	54.942100	-1.457911	45.17	0.00	45.17
7	54.941570	-1.460035	38.69	0.00	38.69
8	54.941385	-1.461473	32.22	0.00	32.22
9	54.941792	-1.463297	33.13	0.00	33.13
10	54.941928	-1.464584	34.95	0.00	34.95
11	54.941903	-1.466215	35.10	0.00	35.10
12	54.941977	-1.471429	33.66	0.00	33.66
13	54.942322	-1.474219	34.84	0.00	34.84
14	54.942174	-1.475421	35.99	0.00	35.99
15	54.942544	-1.480656	38.81	0.00	38.81
16	54.943160	-1.485463	38.42	0.00	38.42
17	54.943407	-1.488810	37.08	0.00	37.08
18	54.943530	-1.493402	40.55	0.00	40.55
19	54.943752	-1.495162	42.41	0.00	42.41
20	54.943998	-1.498209	44.86	0.00	44.86
21	54.945551	-1.514044	53.12	0.00	53.12
22	54.944269	-1.503831	47.60	0.00	47.60
23	54.944491	-1.508551	51.15	0.00	51.15
24	54.946315	-1.519237	51.90	0.00	51.90

Name: Route 8
Path type: Two-way
Observer view angle: 50.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.968862	-1.474970	12.05	0.00	12.05
2	54.966842	-1.474283	16.06	0.00	16.06
3	54.963590	-1.472824	21.57	0.00	21.57
4	54.960682	-1.471537	18.98	0.00	18.98
5	54.958218	-1.471279	21.48	0.00	21.48
6	54.955557	-1.472653	23.45	0.00	23.45
7	54.953191	-1.473854	27.42	0.00	27.42
8	54.950678	-1.474026	29.45	0.00	29.45
9	54.947227	-1.473425	31.60	0.00	31.60
10	54.942100	-1.473940	35.98	0.00	35.98
11	54.938550	-1.473682	36.80	0.00	36.80
12	54.933521	-1.469563	34.20	0.00	34.20
13	54.927554	-1.464069	30.81	0.00	30.81
14	54.924545	-1.462095	32.03	0.00	32.03
15	54.920007	-1.460293	31.62	0.00	31.62
16	54.916208	-1.459950	31.67	0.00	31.67
17	54.912212	-1.460722	32.42	0.00	32.42
18	54.908462	-1.460894	29.31	0.00	29.31
19	54.904712	-1.458576	14.95	0.00	14.95
20	54.900962	-1.455744	42.77	0.00	42.77
21	54.898839	-1.455486	49.21	0.00	49.21
22	54.897161	-1.455658	61.59	0.00	61.59
23	54.895138	-1.456688	69.99	0.00	69.99
24	54.893608	-1.457632	76.84	0.00	76.84
25	54.890991	-1.458405	84.49	0.00	84.49
26	54.889115	-1.457975	93.63	0.00	93.63
27	54.886647	-1.457289	92.00	0.00	92.00
28	54.885363	-1.456516	95.25	0.00	95.25
29	54.883833	-1.455744	91.73	0.00	91.73
30	54.882006	-1.454285	92.45	0.00	92.45

Name: Route 9
Path type: Two-way
Observer view angle: 50.0°



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	54.933420	-1.527987	65.64	0.00	65.64
2	54.931250	-1.525241	58.60	0.00	58.60
3	54.928636	-1.522237	56.56	0.00	56.56
4	54.926367	-1.520091	55.08	0.00	55.08
5	54.924197	-1.518889	54.18	0.00	54.18

Flight Path Receptors

Name: FP 1
Description:
Threshold height: 15 m
Direction: 65.4°
Glide slope: 3.0°
Pilot view restricted? Yes
Vertical view: 30.0°
Azimuthal view: 50.0°



Point	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
Threshold	55.034073	-1.704289	80.07	15.24	95.31
Two-mile	55.022019	-1.750199	127.26	136.74	264.00

Name: FP 2

Description:

Threshold height: 15 m

Direction: 246.0°

Glide slope: 3.0°

Pilot view restricted? Yes

Vertical view: 30.0°

Azimuthal view: 50.0°



Point	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
Threshold	55.041205	-1.677424	71.51	15.24	86.75
Two-mile	55.052951	-1.631262	59.35	196.08	255.43

Discrete Observation Point Receptors

Name	ID	Latitude (°)	Longitude (°)	Elevation (m)	Height (m)
OP 1	1	54.920648	-1.476214	37.13	0.00
OP 2	2	54.918576	-1.478103	36.40	0.00
OP 3	3	54.922325	-1.468533	32.70	0.00
OP 4	4	54.918527	-1.485055	39.20	0.00
OP 5	5	54.917047	-1.490377	39.52	0.00
OP 6	6	54.915148	-1.503552	44.57	0.00
OP 7	7	54.917861	-1.504710	46.43	0.00
OP 8	8	54.919470	-1.506545	50.98	0.00
OP 9	9	54.922498	-1.507285	49.67	0.00
OP 10	10	54.924940	-1.507693	43.49	0.00
OP 11	11	54.910263	-1.500826	44.40	0.00
OP 12	12	54.909153	-1.497500	41.36	0.00
OP 13	13	54.933373	-1.497715	46.01	0.00
OP 14	14	54.935764	-1.514366	52.32	0.00
OP 15	15	54.925710	-1.519920	54.54	0.00
OP 16	16	54.926401	-1.462070	36.99	0.00
OP 17	17	54.930001	-1.464903	40.96	0.00
OP 18	18	54.940208	-1.470246	35.07	0.00
OP 19	19	54.948983	-1.480095	33.92	0.00
OP 20	20	54.951004	-1.487562	34.65	0.00
OP 21	21	54.952434	-1.495973	33.93	0.00
OP 22	22	54.952631	-1.505243	37.94	0.00
OP 23	23	54.946371	-1.519233	51.84	0.00
OP 24	24	54.906717	-1.486875	35.85	0.00
OP 25	25	54.941589	-1.457435	46.86	0.00
OP 26	26	54.936412	-1.541120	72.85	0.00
OP 27	27	54.920087	-1.545326	118.11	0.00
OP 28	28	54.904792	-1.540806	81.18	0.00
OP 29	29	54.878531	-1.494630	64.98	0.00
OP 30	30	54.904677	-1.455832	9.53	0.00

Glare Analysis Results

Summary of Results Glare with potential for temporary after-image predicted

PV Array	Tilt °	Orient °	Annual Green Glare		Annual Yellow Glare		Energy kWh	Peak Luminance
			min	hr	min	hr		cd/m ²
PV array 1	2.124	156.0	1,122	18.7	0	0.0	-	91,360
PV array 10	2.124	156.0	1,970	32.8	0	0.0	-	183,764
PV array 11	2.124	336.0	17,983	299.7	0	0.0	-	42,987
PV array 12	2.124	336.0	13,925	232.1	0	0.0	-	22,476
PV array 13	2.058	156.0	3,538	59.0	125	2.1	-	326,670
PV array 14	2.058	156.0	3,025	50.4	18	0.3	-	281,892
PV array 15	2.058	336.0	13,017	216.9	0	0.0	-	23,906
PV array 16	2.058	336.0	27,247	454.1	0	0.0	-	62,218
PV array 17	2.124	336.0	18,865	314.4	0	0.0	-	33,092
PV array 18	2.058	156.0	1,884	31.4	0	0.0	-	120,149
PV array 2	2.124	156.0	1,674	27.9	0	0.0	-	86,192
PV array 3	2.124	336.0	9,967	166.1	0	0.0	-	15,481
PV array 4	2.124	336.0	11,248	187.5	0	0.0	-	25,623
PV array 5	2.058	156.0	1,283	21.4	0	0.0	-	100,790
PV array 6	2.058	156.0	1,157	19.3	0	0.0	-	92,841
PV array 7	2.058	336.0	9,817	163.6	0	0.0	-	24,570
PV array 8	2.058	336.0	10,892	181.5	0	0.0	-	20,531
PV array 9	2.124	156.0	1,844	30.7	21	0.3	-	277,919

Total glare received by each receptor; may include duplicate times of glare from multiple reflective surfaces.

Receptor	Annual Green Glare		Annual Yellow Glare	
	min	hr	min	hr
Footpath 1	55	0.9	0	0.0
Footpath 2	11,351	189.2	0	0.0
Footpath 3	2,022	33.7	0	0.0
Footpath 4	1,959	32.6	0	0.0
Route 1	2,789	46.5	143	2.4
Route 10	451	7.5	0	0.0
Route 11	0	0.0	0	0.0
Route 12	1,699	28.3	0	0.0
Route 13	6,939	115.7	0	0.0
Route 14	617	10.3	0	0.0
Route 15	882	14.7	0	0.0
Route 16	0	0.0	0	0.0
Route 2	0	0.0	0	0.0
Route 3	0	0.0	0	0.0

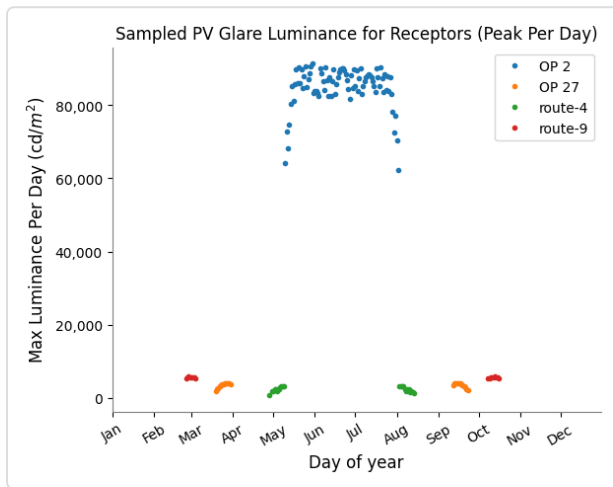
Receptor	Annual Green Glare		Annual Yellow Glare	
	min	hr	min	hr
Route 4	6,588	109.8	0	0.0
Route 5	22,098	368.3	0	0.0
Route 6	11,074	184.6	0	0.0
Route 7	30,602	510.0	0	0.0
Route 8	586	9.8	0	0.0
Route 9	6,338	105.6	0	0.0
FP 1	0	0.0	0	0.0
FP 2	0	0.0	0	0.0
OP 1	3,505	58.4	21	0.3
OP 2	1,291	21.5	0	0.0
OP 3	69	1.1	0	0.0
OP 4	20	0.3	0	0.0
OP 5	301	5.0	0	0.0
OP 6	18	0.3	0	0.0
OP 7	75	1.2	0	0.0
OP 8	226	3.8	0	0.0
OP 9	565	9.4	0	0.0
OP 10	1,127	18.8	0	0.0
OP 11	69	1.1	0	0.0
OP 12	0	0.0	0	0.0
OP 13	6,362	106.0	0	0.0
OP 14	4,325	72.1	0	0.0
OP 15	1,314	21.9	0	0.0
OP 16	112	1.9	0	0.0
OP 17	865	14.4	0	0.0
OP 18	0	0.0	0	0.0
OP 19	0	0.0	0	0.0
OP 20	0	0.0	0	0.0
OP 21	0	0.0	0	0.0
OP 22	0	0.0	0	0.0
OP 23	8,605	143.4	0	0.0
OP 24	0	0.0	0	0.0
OP 25	3,669	61.1	0	0.0
OP 26	3,422	57.0	0	0.0
OP 27	6,154	102.6	0	0.0
OP 28	2,314	38.6	0	0.0
OP 29	0	0.0	0	0.0
OP 30	0	0.0	0	0.0

PV: PV array 1 low potential for temporary after-image

Receptor results ordered by category of glare

Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
Footpath 1	55	0.9	0	0.0	11,019
Route 1	38	0.6	0	0.0	9,774
Route 4	324	5.4	0	0.0	3,630
Route 8	78	1.3	0	0.0	7,612
Route 9	22	0.4	0	0.0	5,800
Footpath 2	0	0.0	0	0.0	0
Footpath 3	0	0.0	0	0.0	0
Footpath 4	0	0.0	0	0.0	0
Route 10	0	0.0	0	0.0	0
Route 11	0	0.0	0	0.0	0
Route 12	0	0.0	0	0.0	0
Route 13	0	0.0	0	0.0	0
Route 14	0	0.0	0	0.0	0
Route 15	0	0.0	0	0.0	0
Route 16	0	0.0	0	0.0	0
Route 2	0	0.0	0	0.0	0
Route 3	0	0.0	0	0.0	0
Route 5	0	0.0	0	0.0	0
Route 6	0	0.0	0	0.0	0
Route 7	0	0.0	0	0.0	0
FP 1	0	0.0	0	0.0	0
FP 2	0	0.0	0	0.0	0
OP 2	222	3.7	0	0.0	91,360
OP 5	109	1.8	0	0.0	41,719
OP 11	22	0.4	0	0.0	6,198
OP 27	252	4.2	0	0.0	3,938
OP 1	0	0.0	0	0.0	0
OP 3	0	0.0	0	0.0	0
OP 4	0	0.0	0	0.0	0
OP 6	0	0.0	0	0.0	0
OP 7	0	0.0	0	0.0	0
OP 8	0	0.0	0	0.0	0
OP 9	0	0.0	0	0.0	0
OP 10	0	0.0	0	0.0	0
OP 12	0	0.0	0	0.0	0
OP 13	0	0.0	0	0.0	0

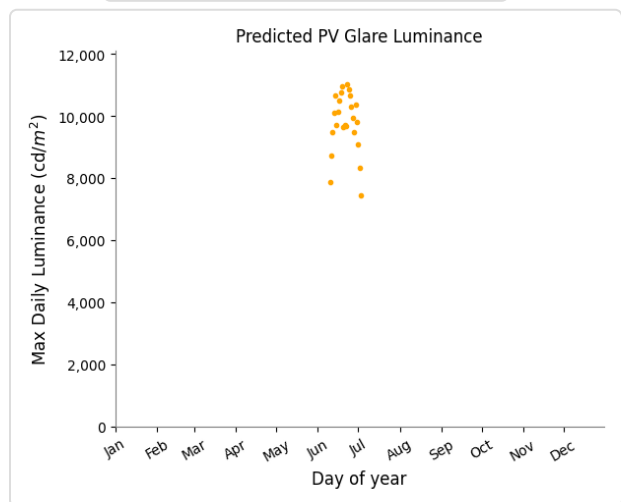
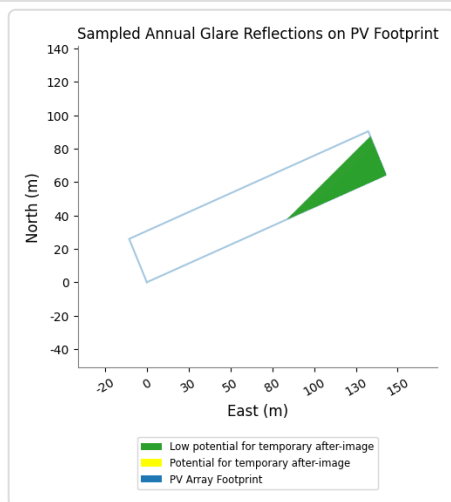
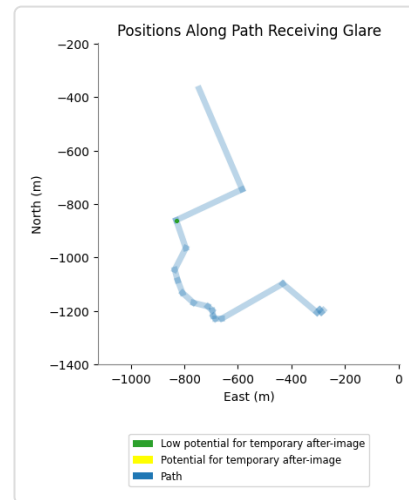
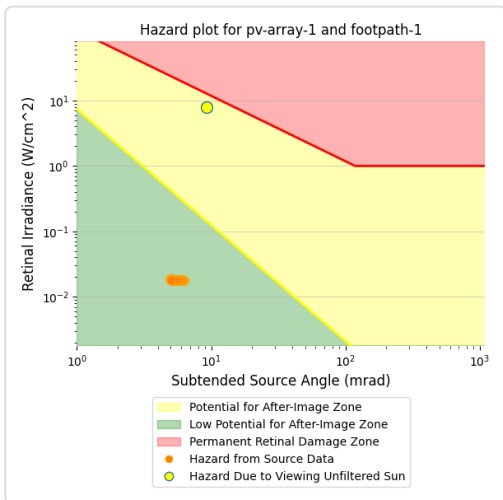
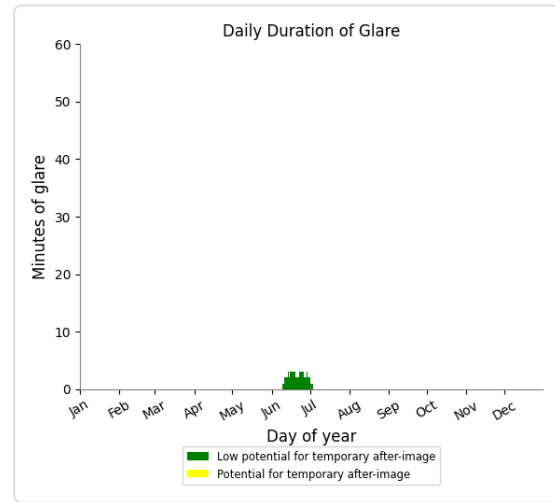
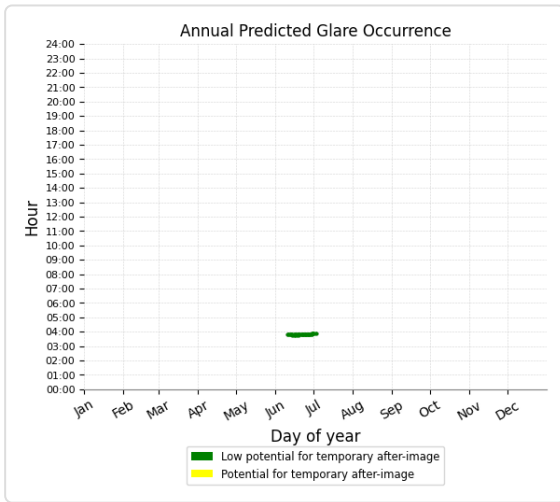
Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
OP 14	0	0.0	0	0.0	0
OP 15	0	0.0	0	0.0	0
OP 16	0	0.0	0	0.0	0
OP 17	0	0.0	0	0.0	0
OP 18	0	0.0	0	0.0	0
OP 19	0	0.0	0	0.0	0
OP 20	0	0.0	0	0.0	0
OP 21	0	0.0	0	0.0	0
OP 22	0	0.0	0	0.0	0
OP 23	0	0.0	0	0.0	0
OP 24	0	0.0	0	0.0	0
OP 25	0	0.0	0	0.0	0
OP 26	0	0.0	0	0.0	0
OP 28	0	0.0	0	0.0	0
OP 29	0	0.0	0	0.0	0
OP 30	0	0.0	0	0.0	0



PV array 1 and Route: Footpath 1

Yellow glare: none

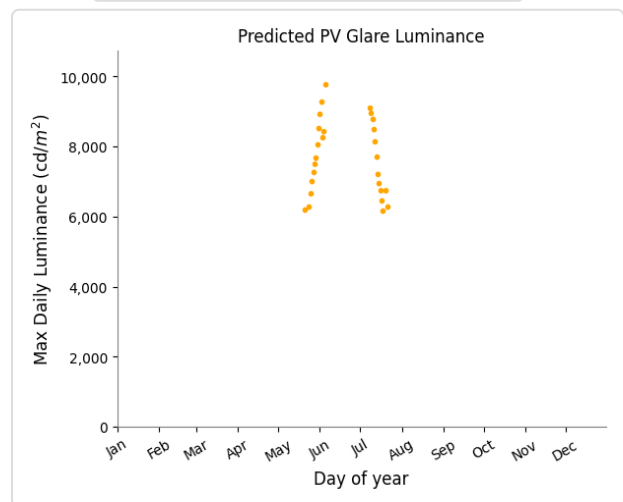
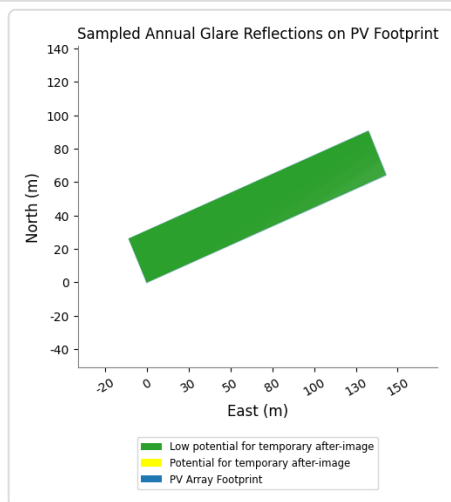
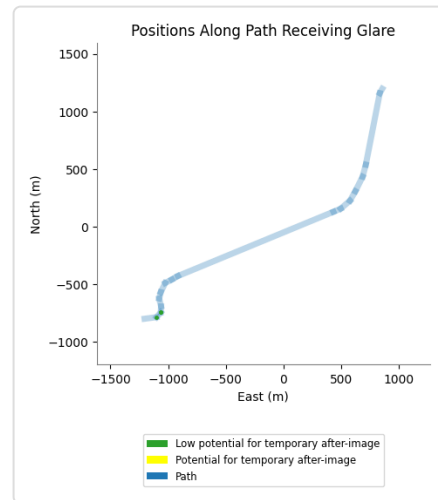
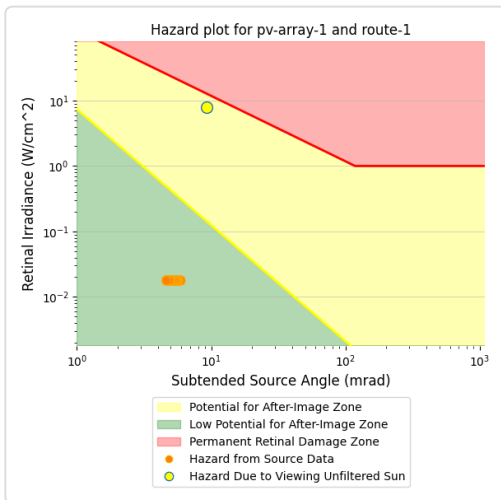
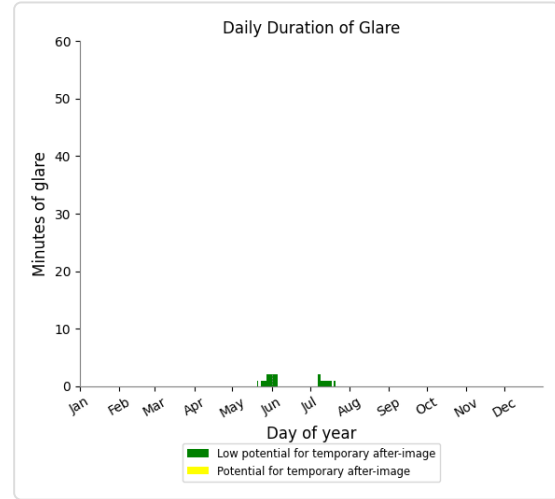
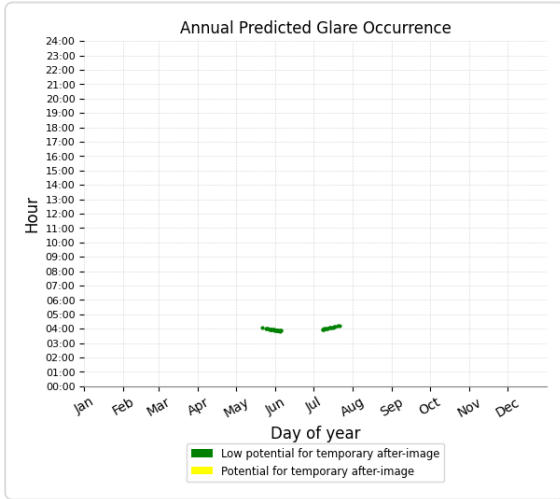
Green glare: 55 min.



PV array 1 and Route: Route 1

Yellow glare: none

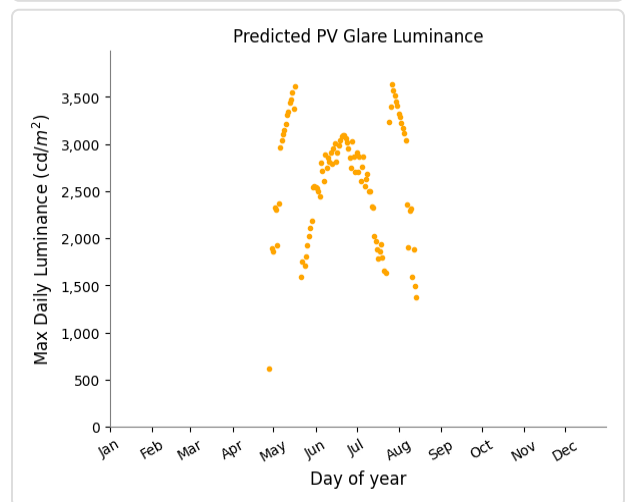
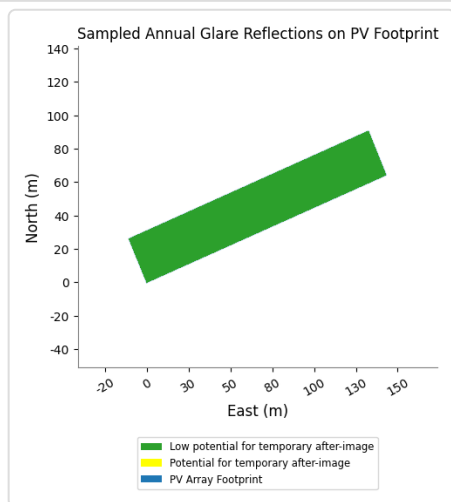
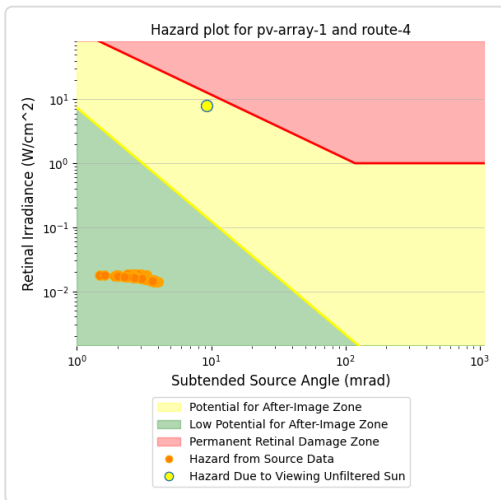
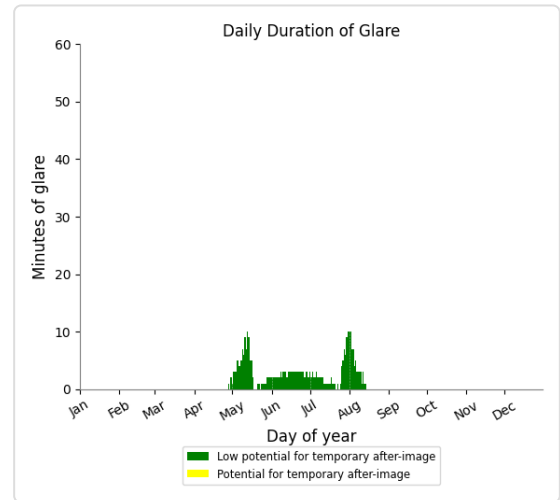
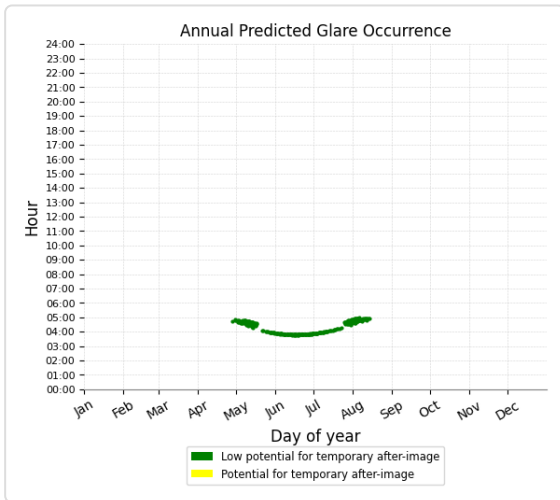
Green glare: 38 min.



PV array 1 and Route: Route 4

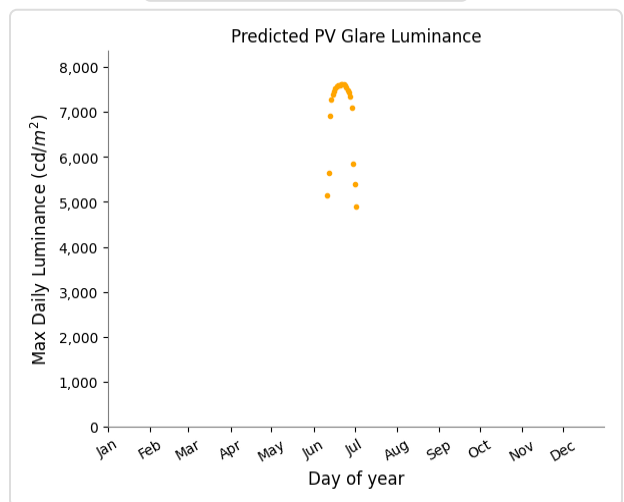
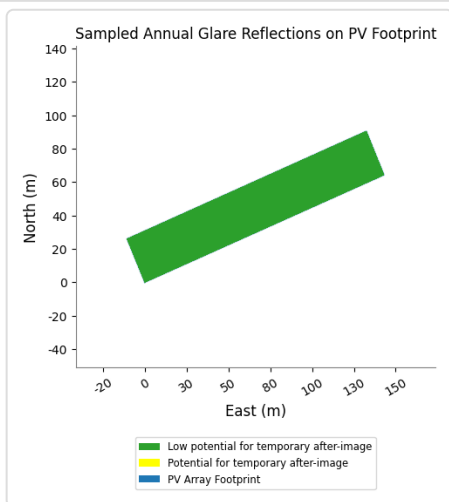
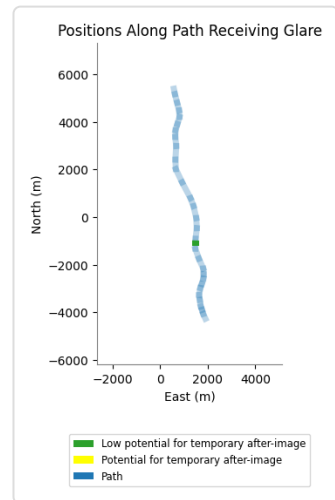
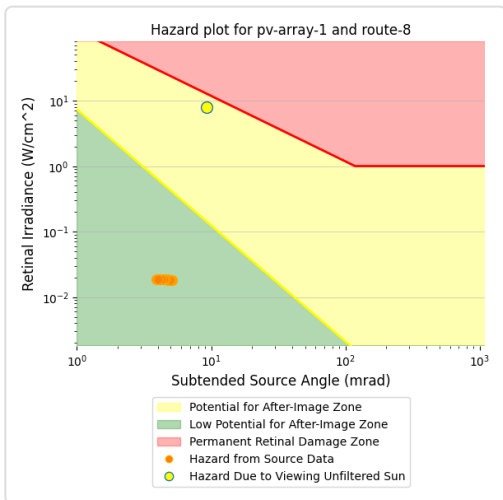
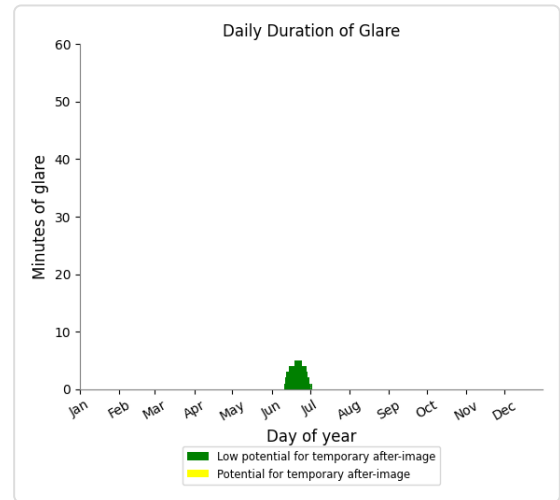
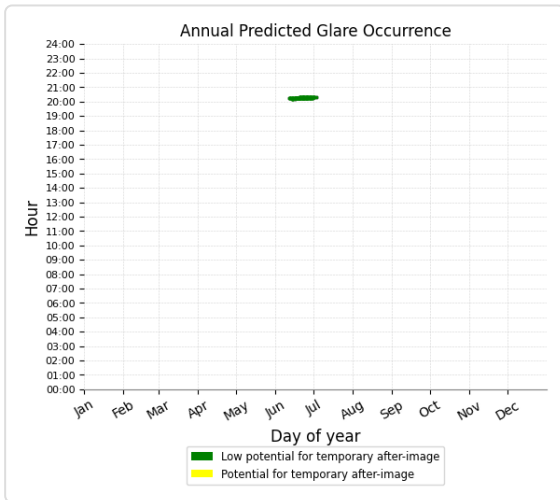
Yellow glare: none

Green glare: 324 min.



PV array 1 and Route: Route 8

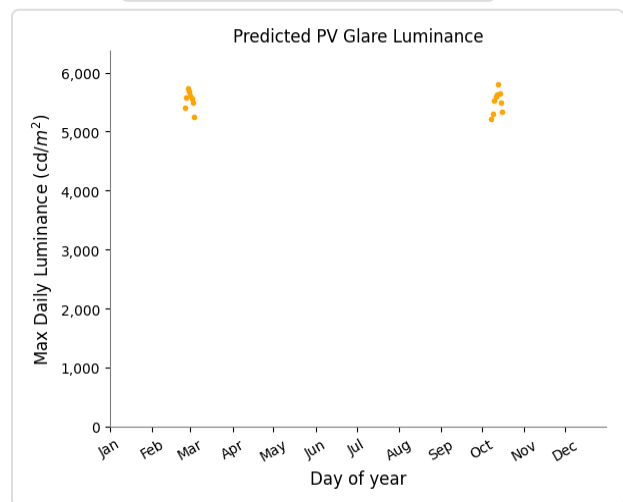
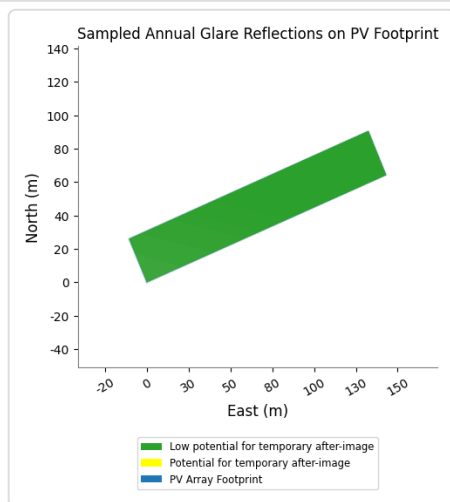
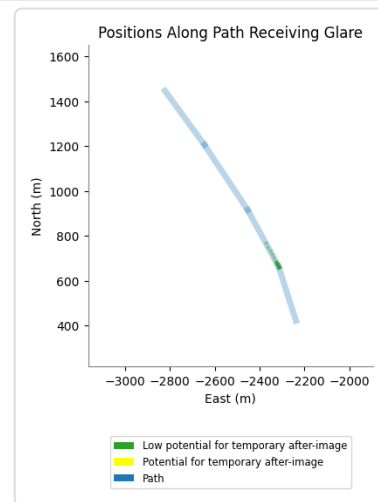
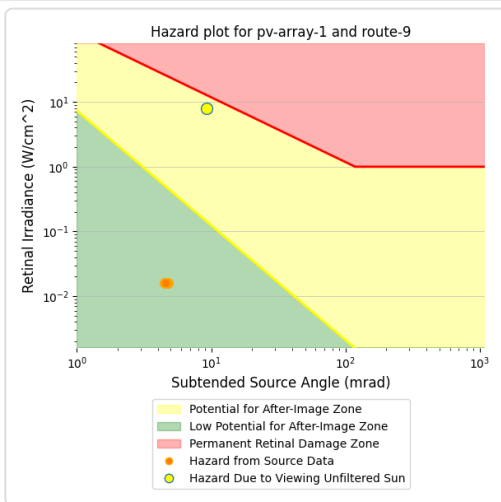
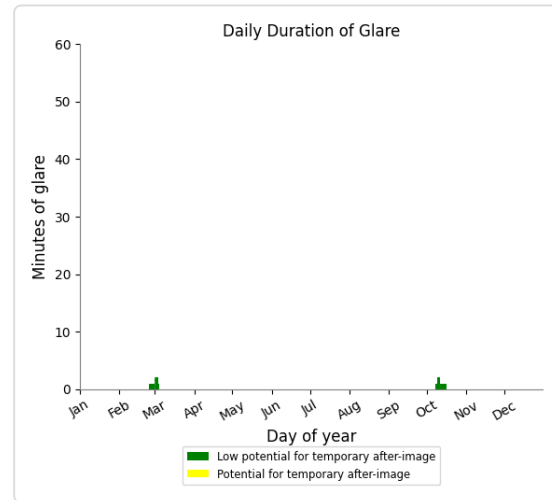
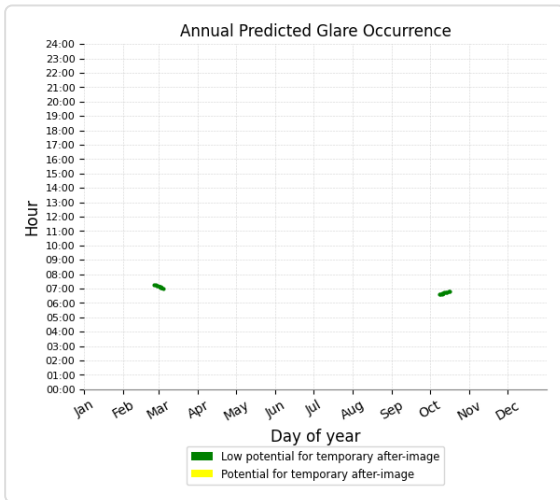
Yellow glare: none
 Green glare: 78 min.



PV array 1 and Route: Route 9

Yellow glare: none

Green glare: 22 min.



PV array 1 and Route: Footpath 2

No glare found

PV array 1 and Route: Footpath 3

No glare found

PV array 1 and Route: Footpath 4

No glare found

PV array 1 and Route: Route 10

No glare found

PV array 1 and Route: Route 11

No glare found

PV array 1 and Route: Route 12

No glare found

PV array 1 and Route: Route 13

No glare found

PV array 1 and Route: Route 14

No glare found

PV array 1 and Route: Route 15

No glare found

PV array 1 and Route: Route 16

No glare found

PV array 1 and Route: Route 2

No glare found

PV array 1 and Route: Route 3

No glare found

PV array 1 and Route: Route 5

No glare found

PV array 1 and Route: Route 6

No glare found

PV array 1 and Route: Route 7

No glare found

PV array 1 and FP: FP 1

No glare found

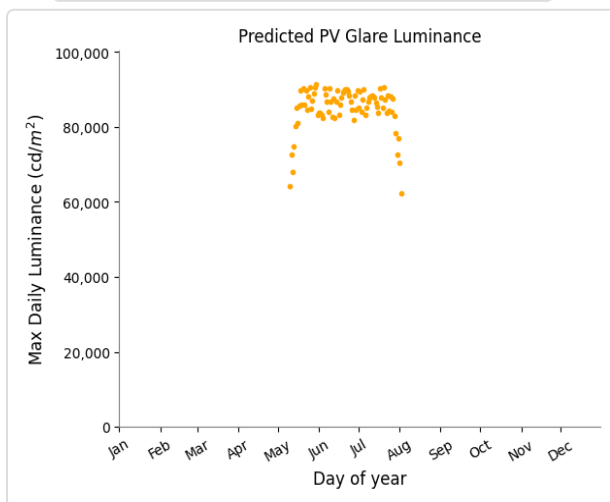
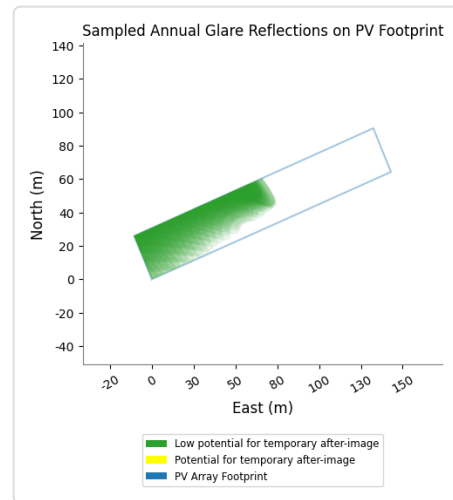
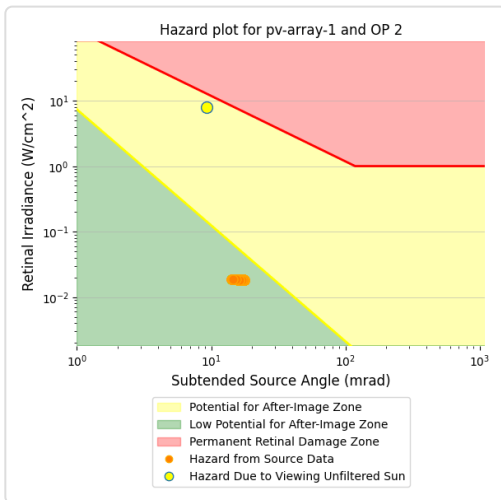
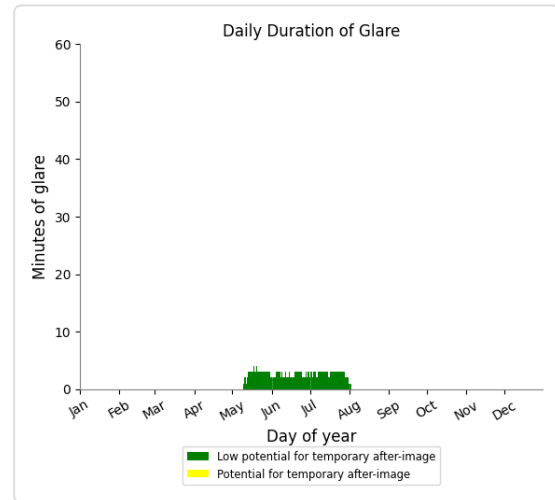
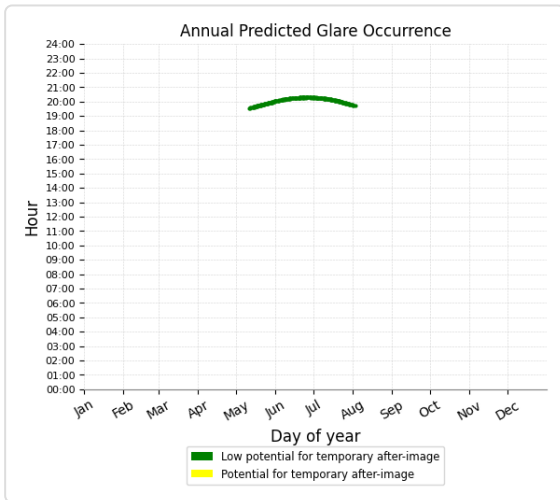
PV array 1 and FP: FP 2

No glare found

PV array 1 and OP 2

Yellow glare: none

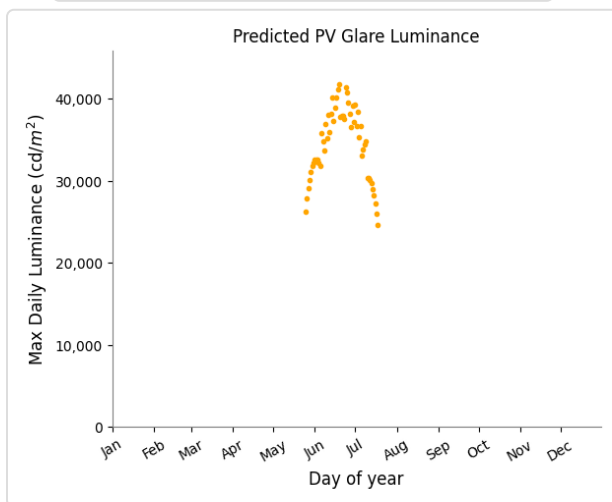
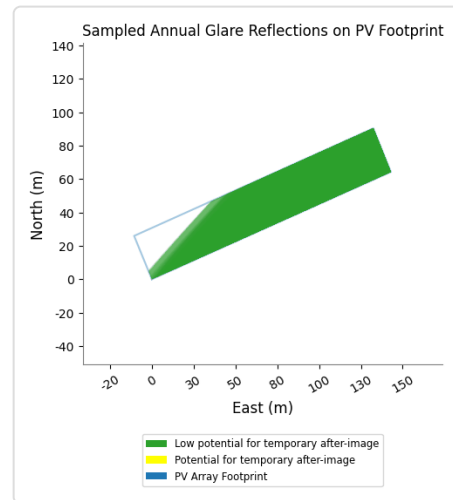
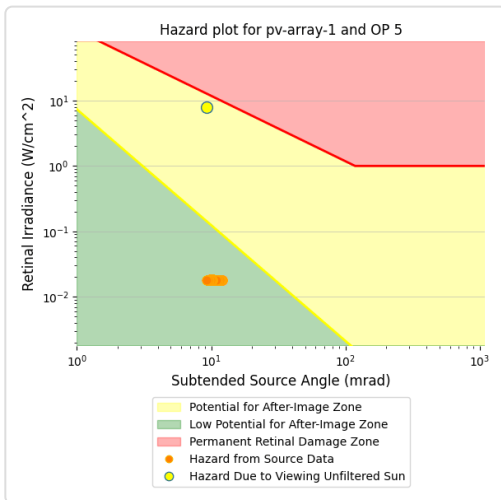
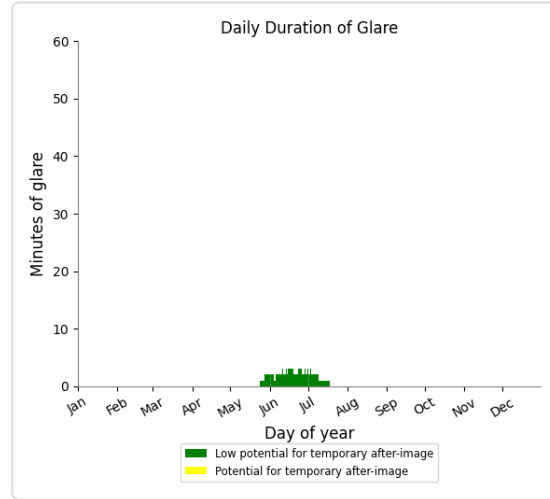
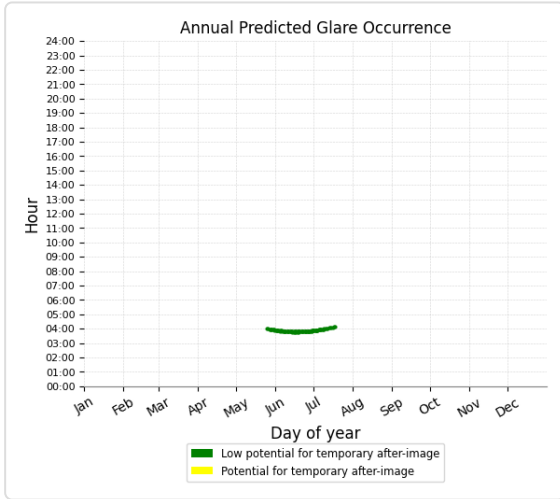
Green glare: 222 min.



PV array 1 and OP 5

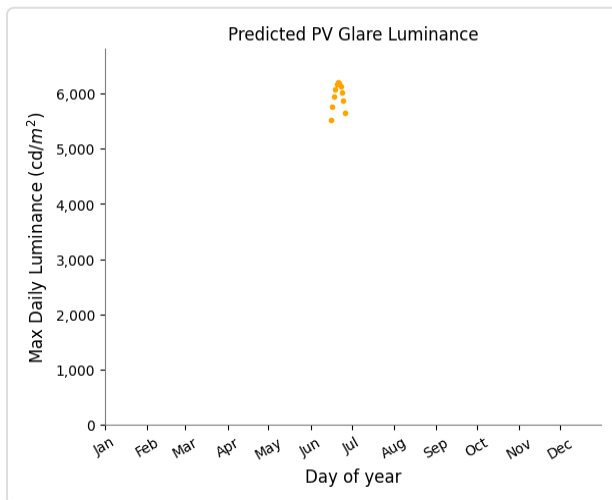
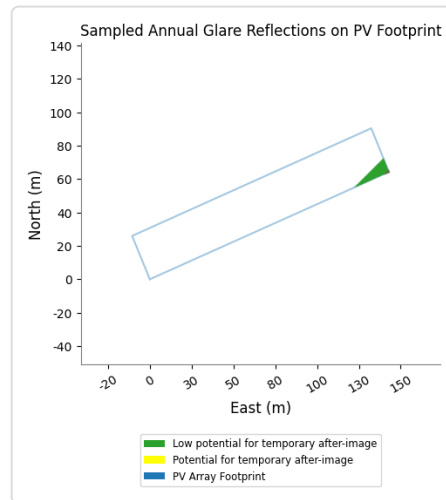
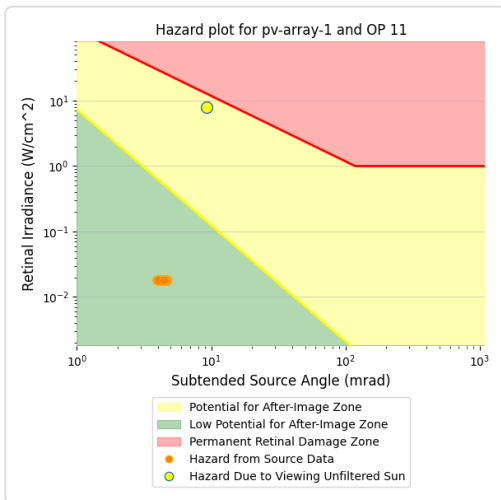
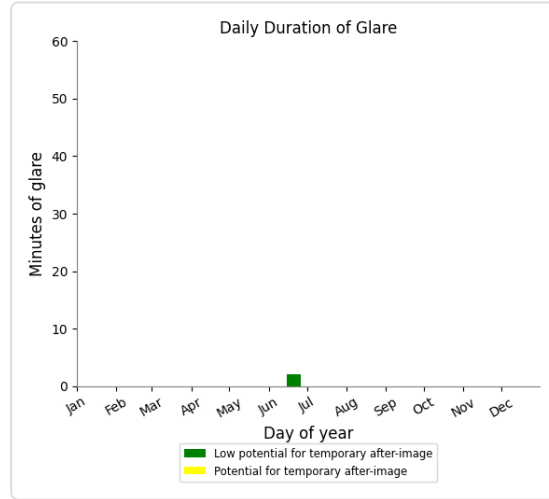
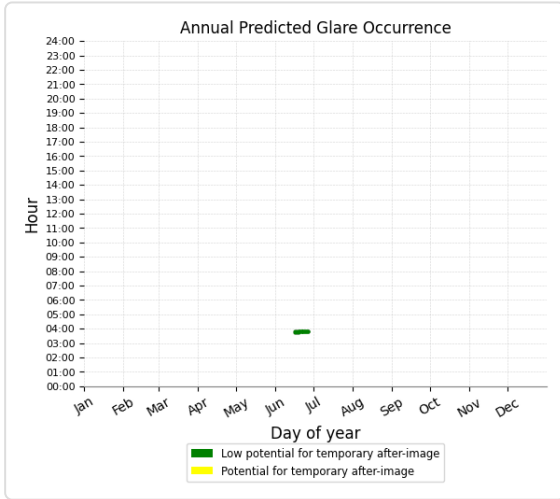
Yellow glare: none

Green glare: 109 min.



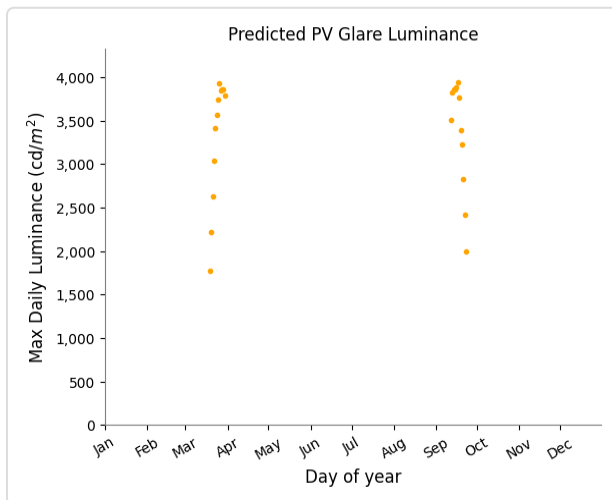
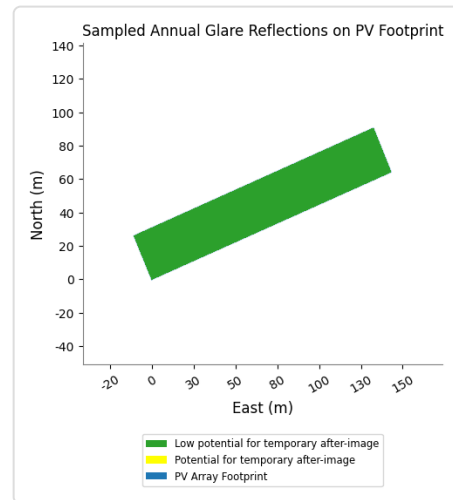
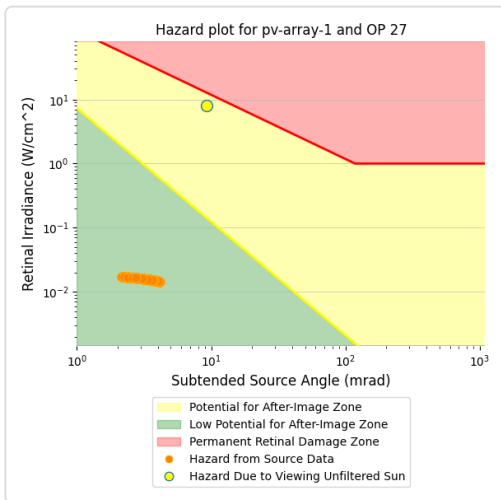
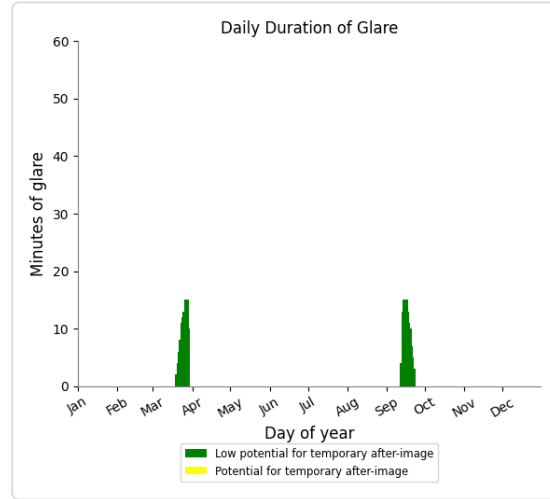
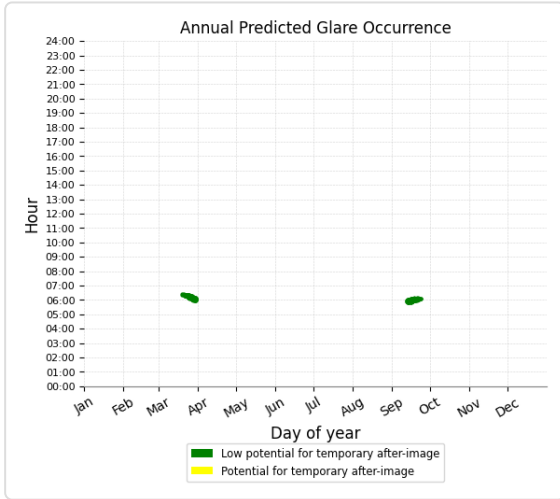
PV array 1 and OP 11

Yellow glare: none
 Green glare: 22 min.



PV array 1 and OP 27

Yellow glare: none
Green glare: 252 min.



PV array 1 and OP 1

No glare found

PV array 1 and OP 3

No glare found

PV array 1 and OP 4

No glare found

PV array 1 and OP 6

No glare found

PV array 1 and OP 7

No glare found

PV array 1 and OP 8

No glare found

PV array 1 and OP 9

No glare found

PV array 1 and OP 10

No glare found

PV array 1 and OP 12

No glare found

PV array 1 and OP 13

No glare found

PV array 1 and OP 14

No glare found

PV array 1 and OP 15

No glare found

PV array 1 and OP 16

No glare found

PV array 1 and OP 17

No glare found

PV array 1 and OP 18

No glare found

PV array 1 and OP 19

No glare found

PV array 1 and OP 20

No glare found

PV array 1 and OP 21

No glare found

PV array 1 and OP 22

No glare found

PV array 1 and OP 23

No glare found

PV array 1 and OP 24

No glare found

PV array 1 and OP 25

No glare found

PV array 1 and OP 26

No glare found

PV array 1 and OP 28

No glare found

PV array 1 and OP 29

No glare found

PV array 1 and OP 30

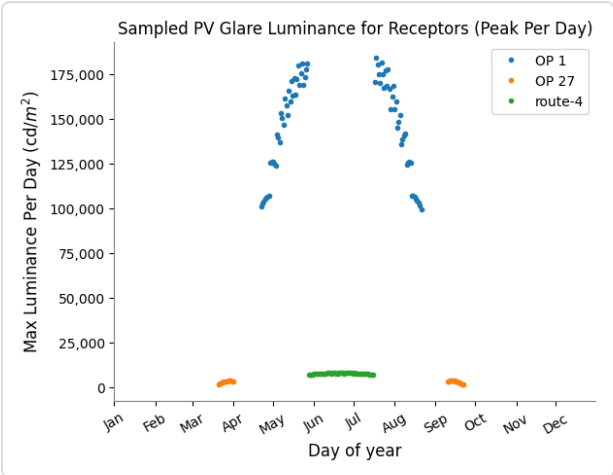
No glare found

PV: PV array 10 low potential for temporary after-image

Receptor results ordered by category of glare

Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
Route 4	1,258	21.0	0	0.0	8,026
Footpath 1	0	0.0	0	0.0	0
Footpath 2	0	0.0	0	0.0	0
Footpath 3	0	0.0	0	0.0	0
Footpath 4	0	0.0	0	0.0	0
Route 1	0	0.0	0	0.0	0
Route 10	0	0.0	0	0.0	0
Route 11	0	0.0	0	0.0	0
Route 12	0	0.0	0	0.0	0
Route 13	0	0.0	0	0.0	0
Route 14	0	0.0	0	0.0	0
Route 15	0	0.0	0	0.0	0
Route 16	0	0.0	0	0.0	0
Route 2	0	0.0	0	0.0	0
Route 3	0	0.0	0	0.0	0
Route 5	0	0.0	0	0.0	0
Route 6	0	0.0	0	0.0	0
Route 7	0	0.0	0	0.0	0
Route 8	0	0.0	0	0.0	0
Route 9	0	0.0	0	0.0	0
FP 1	0	0.0	0	0.0	0
FP 2	0	0.0	0	0.0	0
OP 1	168	2.8	0	0.0	183,764
OP 27	241	4.0	0	0.0	3,671
OP 28	303	5.0	0	0.0	3,615
OP 2	0	0.0	0	0.0	0
OP 3	0	0.0	0	0.0	0
OP 4	0	0.0	0	0.0	0
OP 5	0	0.0	0	0.0	0
OP 6	0	0.0	0	0.0	0
OP 7	0	0.0	0	0.0	0
OP 8	0	0.0	0	0.0	0
OP 9	0	0.0	0	0.0	0
OP 10	0	0.0	0	0.0	0
OP 11	0	0.0	0	0.0	0
OP 12	0	0.0	0	0.0	0
OP 13	0	0.0	0	0.0	0
OP 14	0	0.0	0	0.0	0

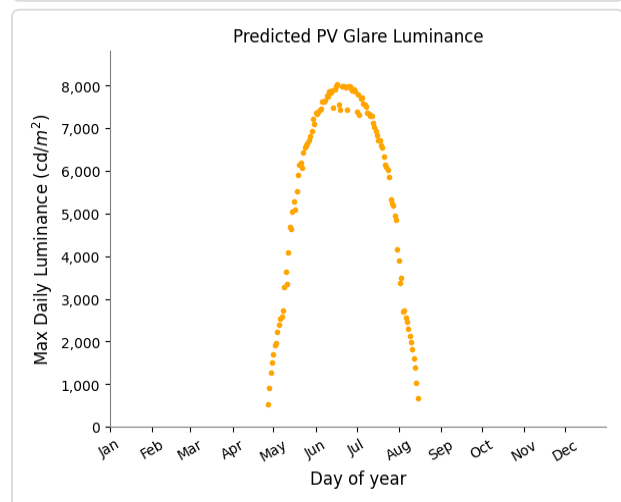
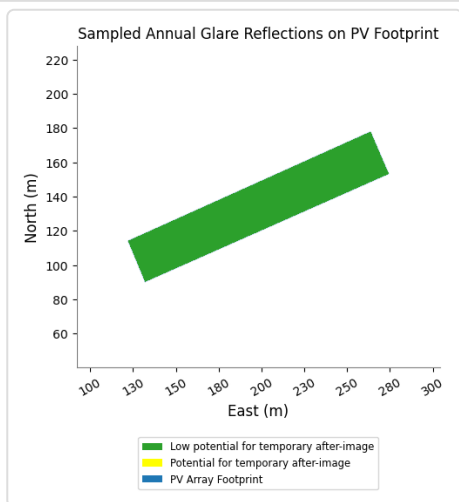
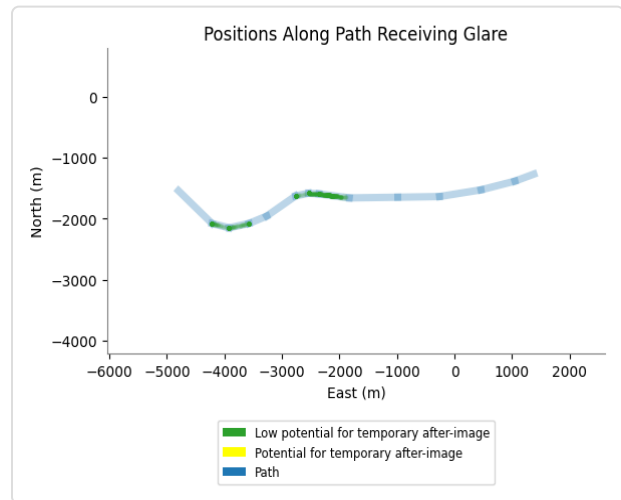
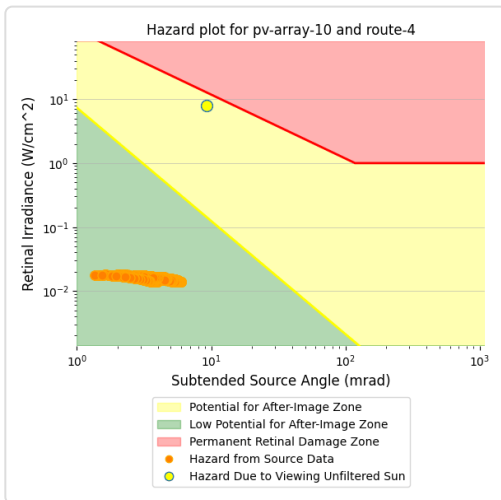
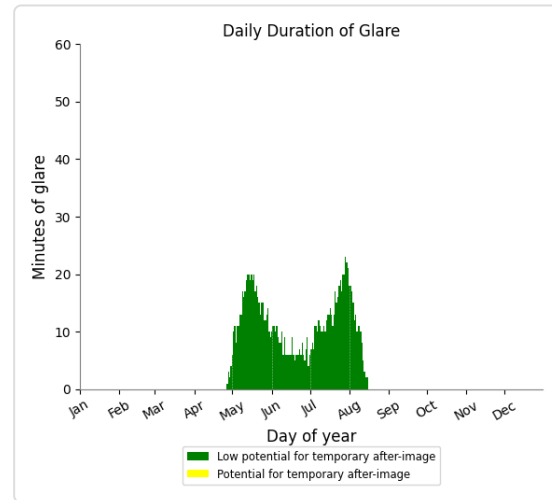
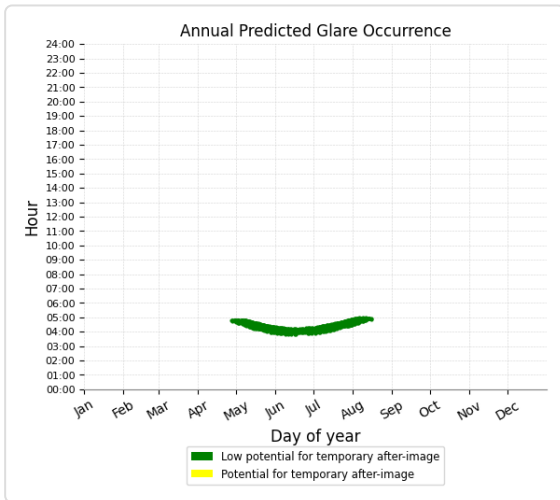
Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
OP 15	0	0.0	0	0.0	0
OP 16	0	0.0	0	0.0	0
OP 17	0	0.0	0	0.0	0
OP 18	0	0.0	0	0.0	0
OP 19	0	0.0	0	0.0	0
OP 20	0	0.0	0	0.0	0
OP 21	0	0.0	0	0.0	0
OP 22	0	0.0	0	0.0	0
OP 23	0	0.0	0	0.0	0
OP 24	0	0.0	0	0.0	0
OP 25	0	0.0	0	0.0	0
OP 26	0	0.0	0	0.0	0
OP 29	0	0.0	0	0.0	0
OP 30	0	0.0	0	0.0	0



PV array 10 and Route: Route 4

Yellow glare: none

Green glare: 1,258 min.



PV array 10 and Route: Footpath 1

No glare found

PV array 10 and Route: Footpath 2

No glare found

PV array 10 and Route: Footpath 3

No glare found

PV array 10 and Route: Footpath 4

No glare found

PV array 10 and Route: Route 1

No glare found

PV array 10 and Route: Route 10

No glare found

PV array 10 and Route: Route 11

No glare found

PV array 10 and Route: Route 12

No glare found

PV array 10 and Route: Route 13

No glare found

PV array 10 and Route: Route 14

No glare found

PV array 10 and Route: Route 15

No glare found

PV array 10 and Route: Route 16

No glare found

PV array 10 and Route: Route 2

No glare found

PV array 10 and Route: Route 3

No glare found

PV array 10 and Route: Route 5

No glare found

PV array 10 and Route: Route 6

No glare found

PV array 10 and Route: Route 7

No glare found

PV array 10 and Route: Route 8

No glare found

PV array 10 and Route: Route 9

No glare found

PV array 10 and FP: FP 1

No glare found

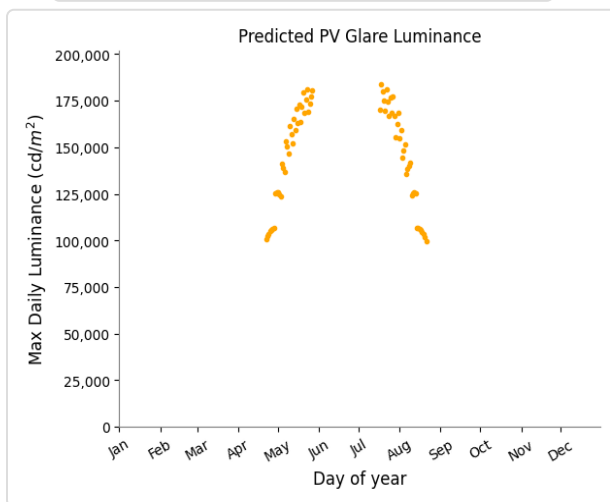
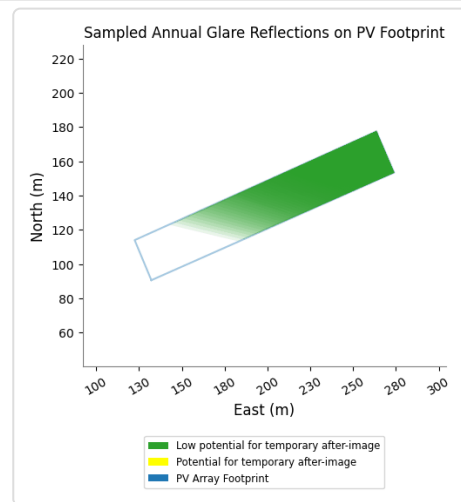
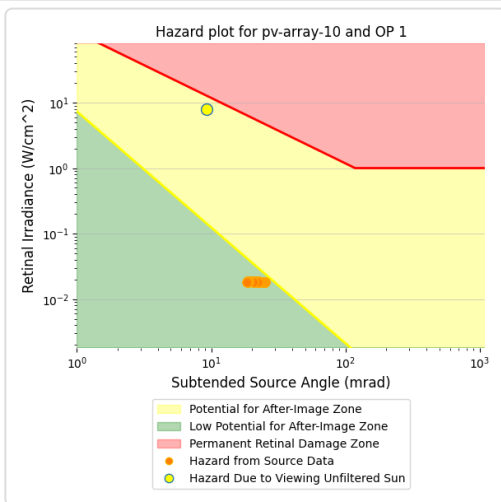
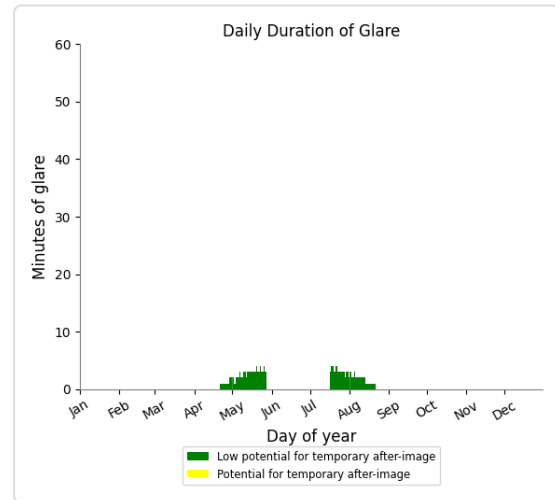
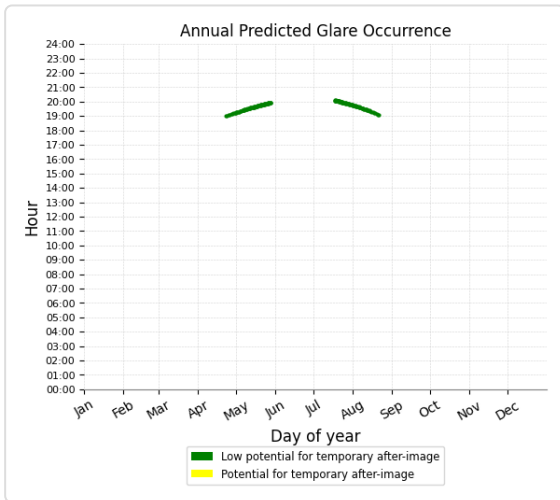
PV array 10 and FP: FP 2

No glare found

PV array 10 and OP 1

Yellow glare: none

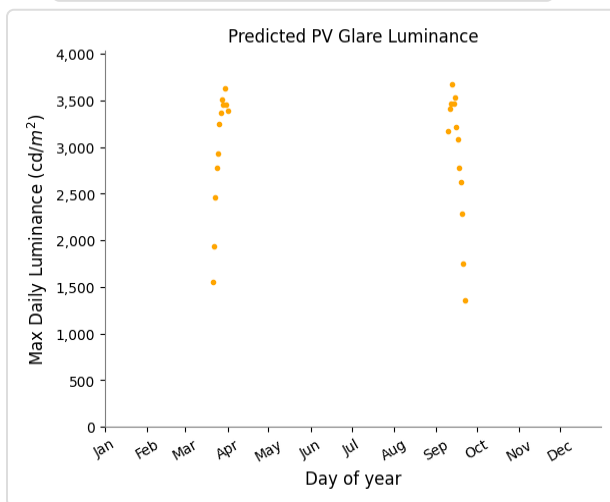
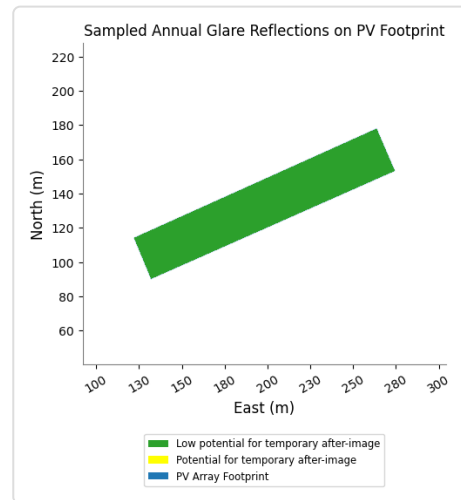
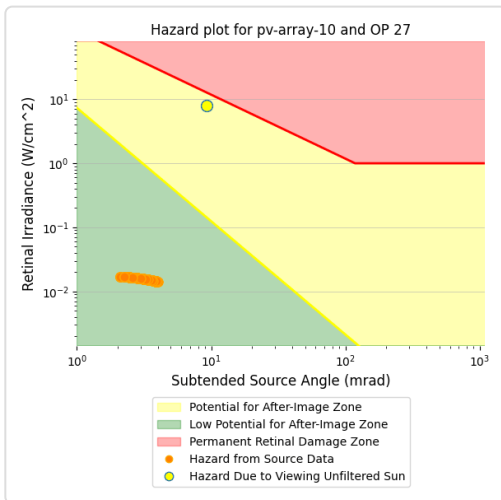
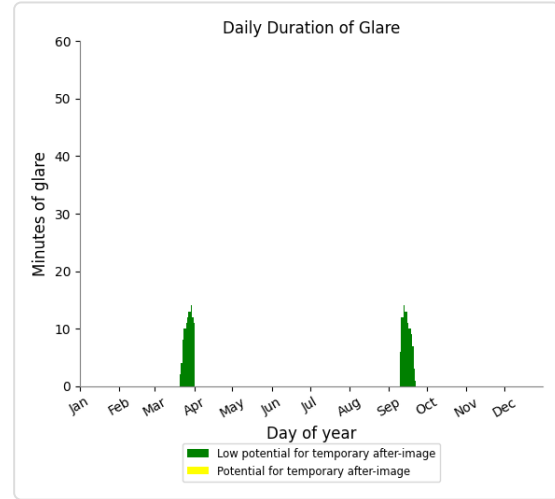
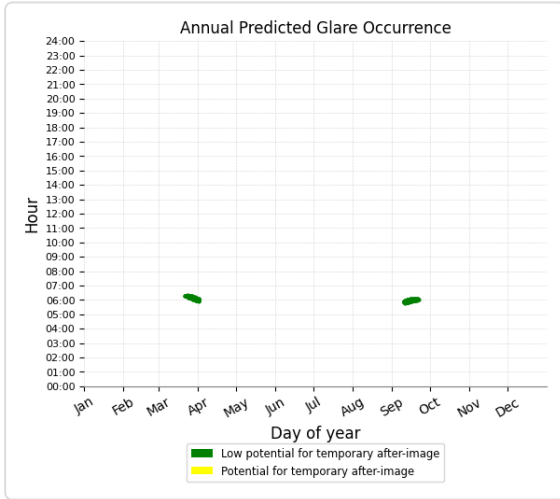
Green glare: 168 min.



PV array 10 and OP 27

Yellow glare: none

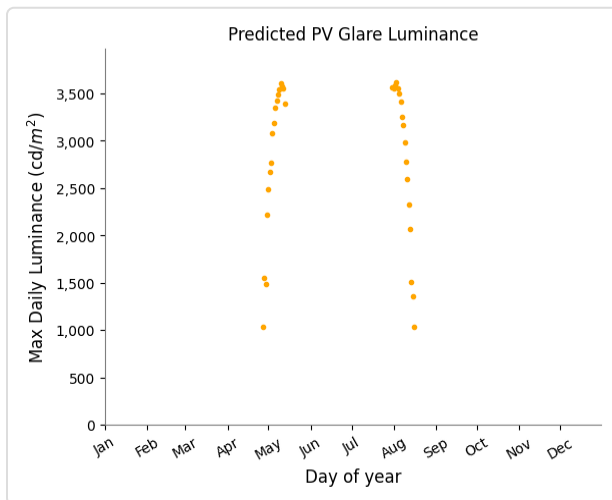
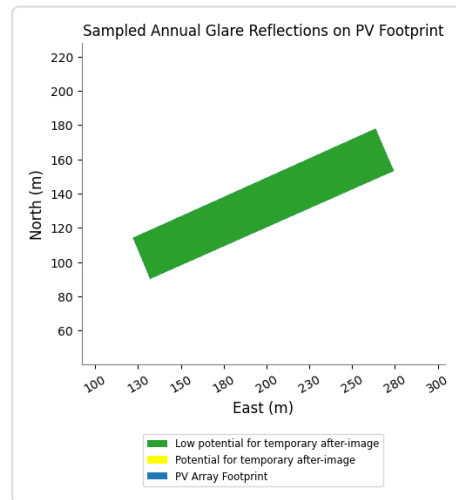
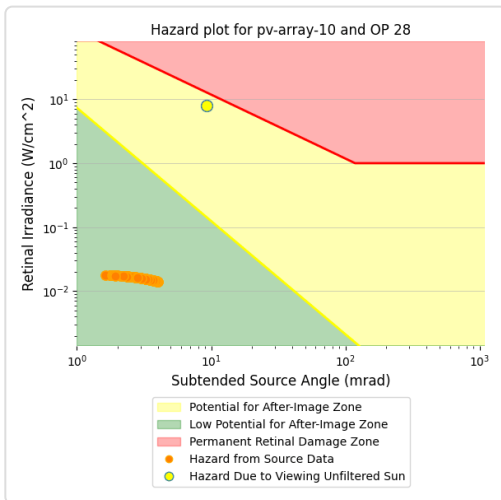
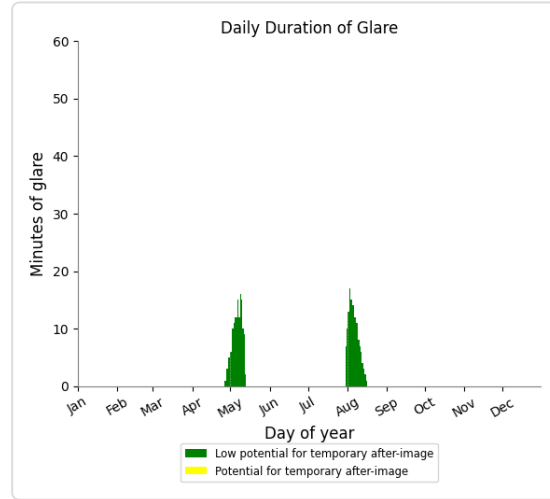
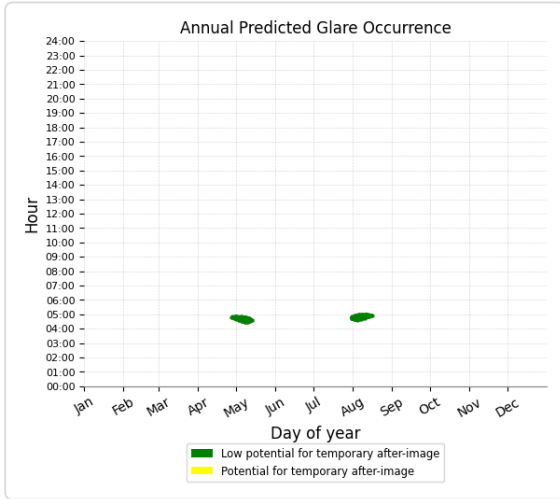
Green glare: 241 min.



PV array 10 and OP 28

Yellow glare: none

Green glare: 303 min.



PV array 10 and OP 2

No glare found

PV array 10 and OP 3

No glare found

PV array 10 and OP 4

No glare found

PV array 10 and OP 5

No glare found

PV array 10 and OP 6

No glare found

PV array 10 and OP 7

No glare found

PV array 10 and OP 8

No glare found

PV array 10 and OP 9

No glare found

PV array 10 and OP 10

No glare found

PV array 10 and OP 11

No glare found

PV array 10 and OP 12

No glare found

PV array 10 and OP 13

No glare found

PV array 10 and OP 14

No glare found

PV array 10 and OP 15

No glare found

PV array 10 and OP 16

No glare found

PV array 10 and OP 17

No glare found

PV array 10 and OP 18

No glare found

PV array 10 and OP 19

No glare found

PV array 10 and OP 20

No glare found

PV array 10 and OP 21

No glare found

PV array 10 and OP 22

No glare found

PV array 10 and OP 23

No glare found

PV array 10 and OP 24

No glare found

PV array 10 and OP 25

No glare found

PV array 10 and OP 26

No glare found

PV array 10 and OP 29

No glare found

PV array 10 and OP 30

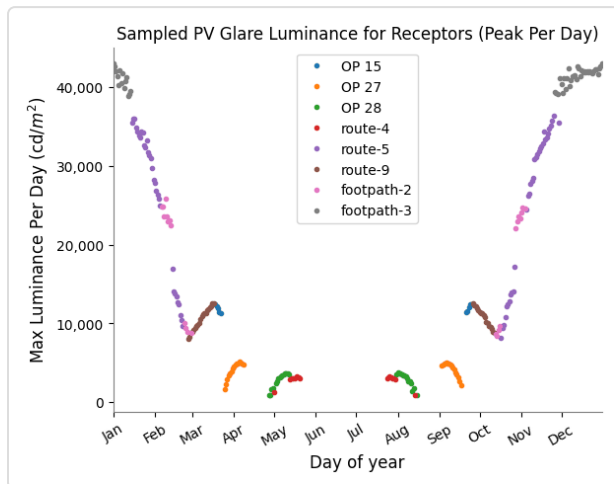
No glare found

PV: PV array 11 low potential for temporary after-image

Receptor results ordered by category of glare

Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
Footpath 2	656	10.9	0	0.0	25,896
Footpath 3	50	0.8	0	0.0	42,987
Route 12	337	5.6	0	0.0	8,391
Route 13	1,414	23.6	0	0.0	5,972
Route 4	420	7.0	0	0.0	3,226
Route 5	3,019	50.3	0	0.0	36,319
Route 6	1,531	25.5	0	0.0	22,431
Route 7	4,411	73.5	0	0.0	13,776
Route 9	1,071	17.9	0	0.0	12,563
Footpath 1	0	0.0	0	0.0	0
Footpath 4	0	0.0	0	0.0	0
Route 1	0	0.0	0	0.0	0
Route 10	0	0.0	0	0.0	0
Route 11	0	0.0	0	0.0	0
Route 14	0	0.0	0	0.0	0
Route 15	0	0.0	0	0.0	0
Route 16	0	0.0	0	0.0	0
Route 2	0	0.0	0	0.0	0
Route 3	0	0.0	0	0.0	0
Route 8	0	0.0	0	0.0	0
FP 1	0	0.0	0	0.0	0
FP 2	0	0.0	0	0.0	0
OP 10	82	1.4	0	0.0	8,776
OP 13	1,241	20.7	0	0.0	33,817
OP 14	697	11.6	0	0.0	13,456
OP 15	246	4.1	0	0.0	12,469
OP 23	1,211	20.2	0	0.0	7,800
OP 25	380	6.3	0	0.0	12,917
OP 26	501	8.3	0	0.0	5,245
OP 27	498	8.3	0	0.0	5,085
OP 28	218	3.6	0	0.0	3,746
OP 1	0	0.0	0	0.0	0
OP 2	0	0.0	0	0.0	0
OP 3	0	0.0	0	0.0	0
OP 4	0	0.0	0	0.0	0
OP 5	0	0.0	0	0.0	0
OP 6	0	0.0	0	0.0	0
OP 7	0	0.0	0	0.0	0

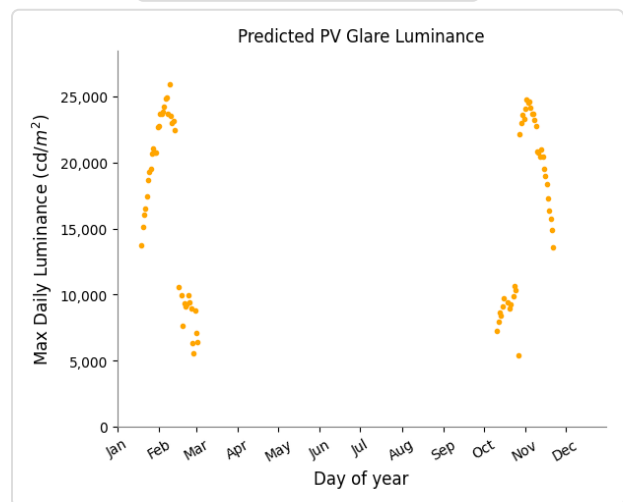
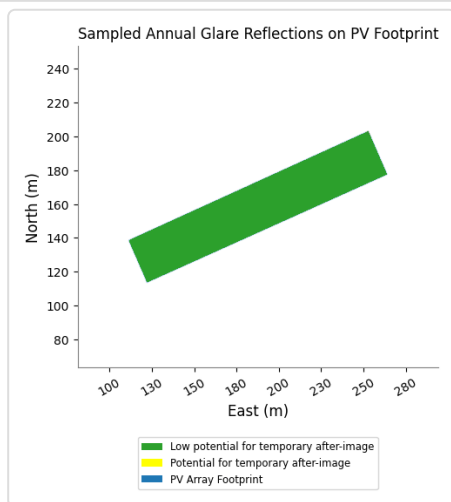
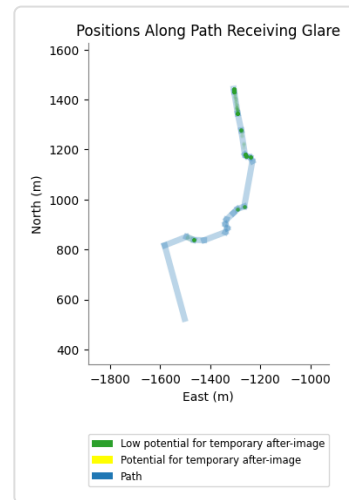
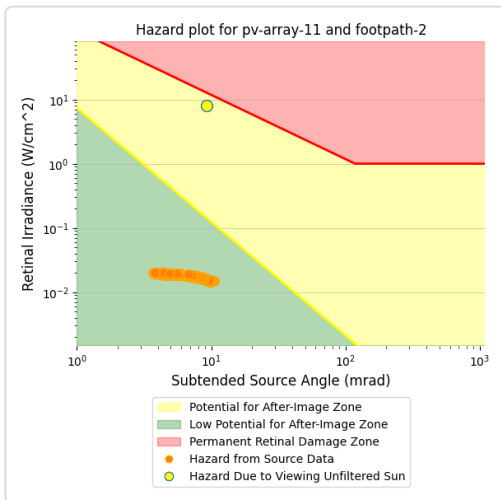
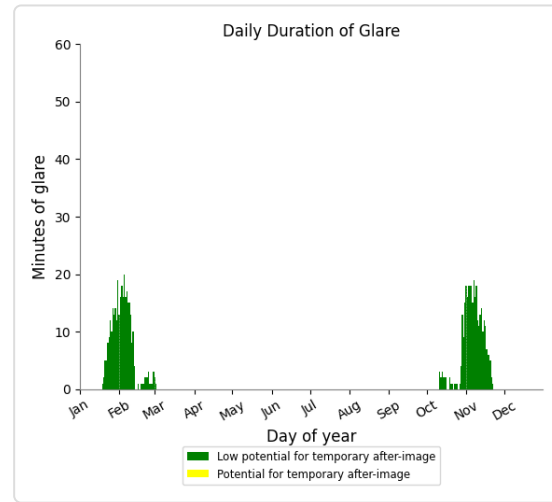
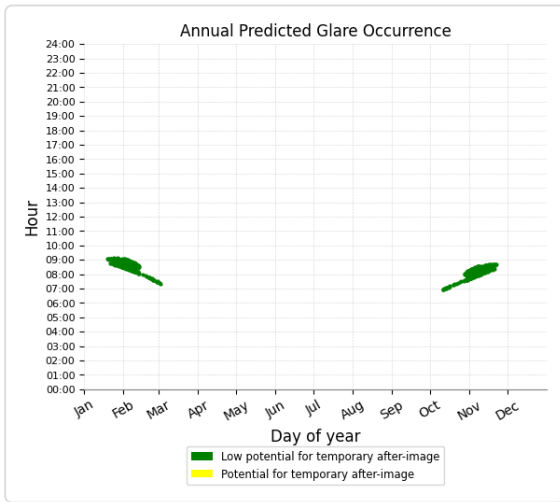
Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
OP 8	0	0.0	0	0.0	0
OP 9	0	0.0	0	0.0	0
OP 11	0	0.0	0	0.0	0
OP 12	0	0.0	0	0.0	0
OP 16	0	0.0	0	0.0	0
OP 17	0	0.0	0	0.0	0
OP 18	0	0.0	0	0.0	0
OP 19	0	0.0	0	0.0	0
OP 20	0	0.0	0	0.0	0
OP 21	0	0.0	0	0.0	0
OP 22	0	0.0	0	0.0	0
OP 24	0	0.0	0	0.0	0
OP 29	0	0.0	0	0.0	0
OP 30	0	0.0	0	0.0	0



PV array 11 and Route: Footpath 2

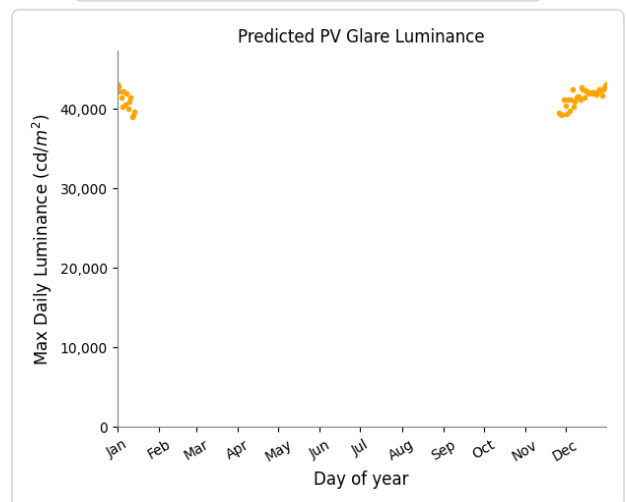
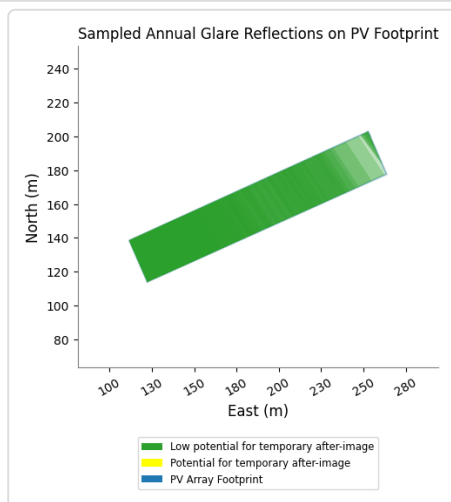
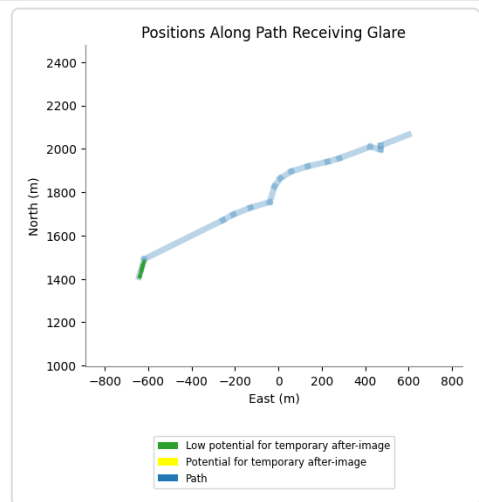
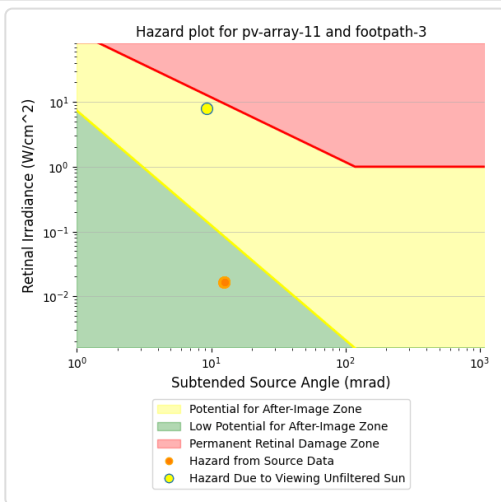
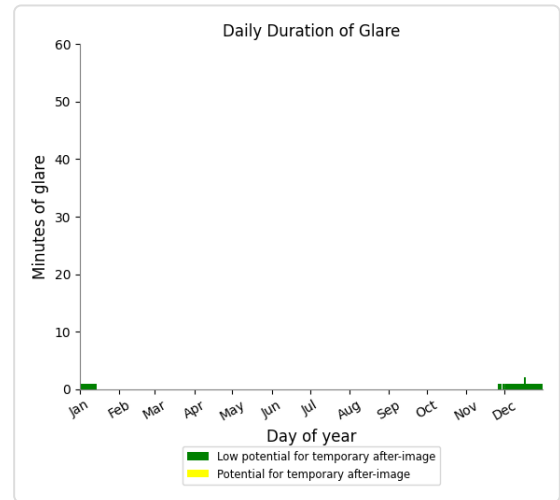
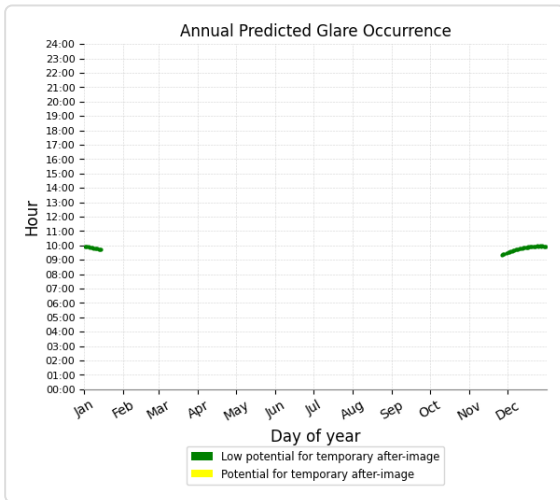
Yellow glare: none

Green glare: 656 min.



PV array 11 and Route: Footpath 3

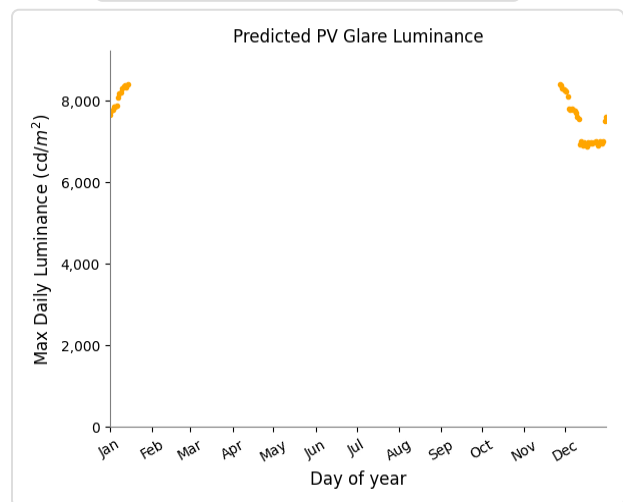
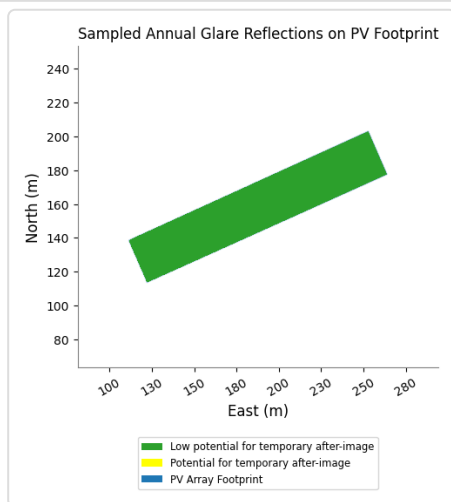
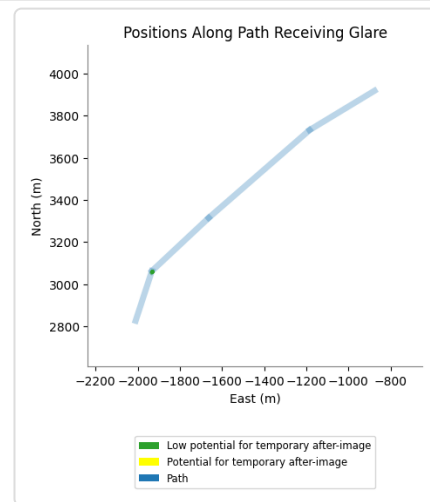
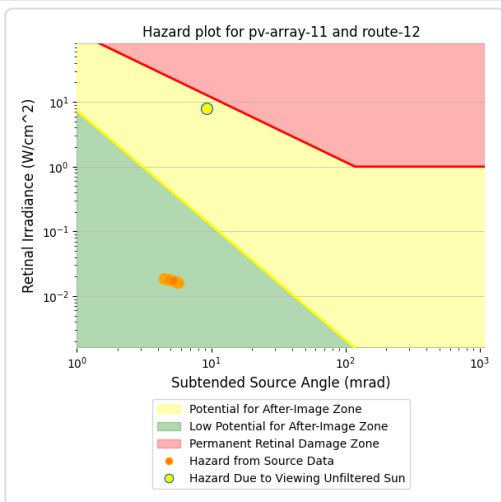
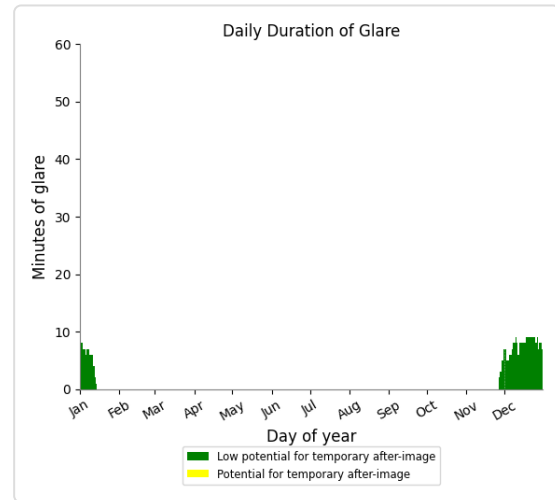
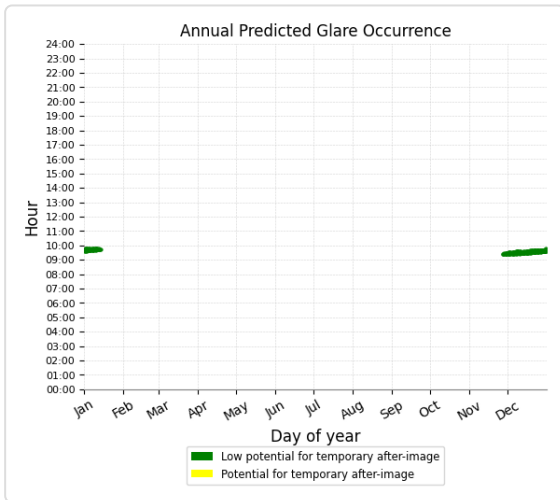
Yellow glare: none
 Green glare: 50 min.



PV array 11 and Route: Route 12

Yellow glare: none

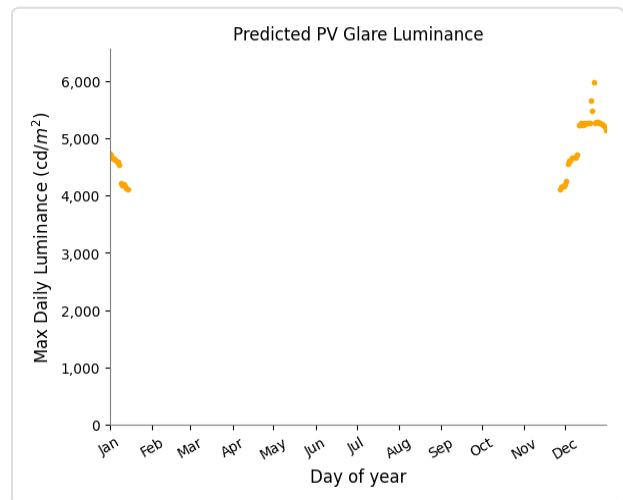
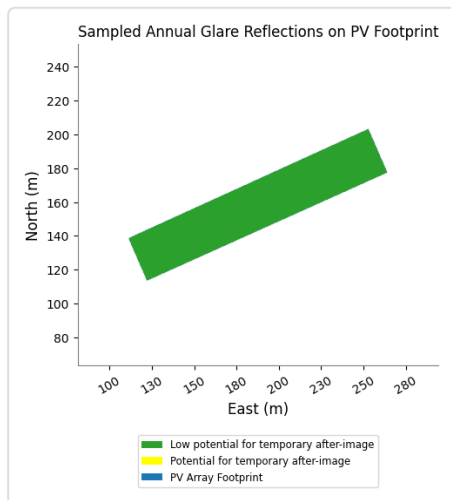
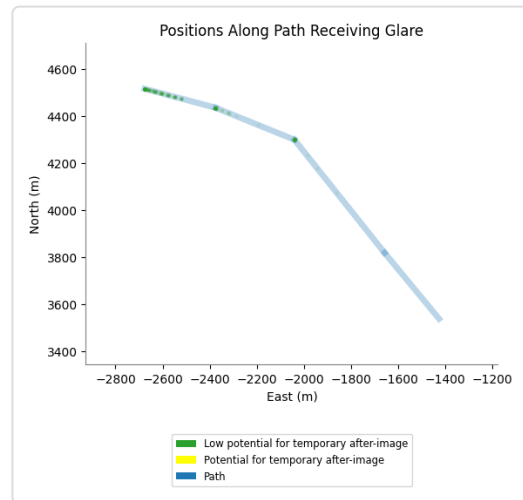
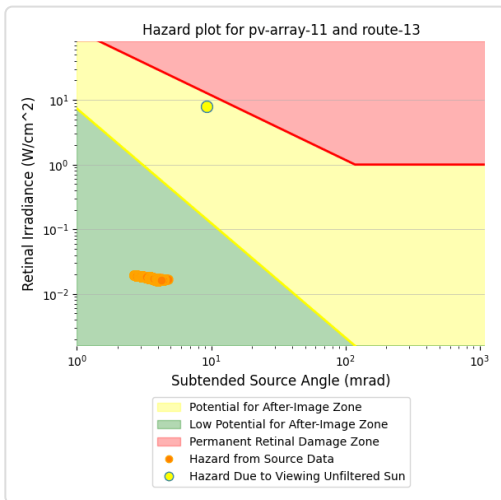
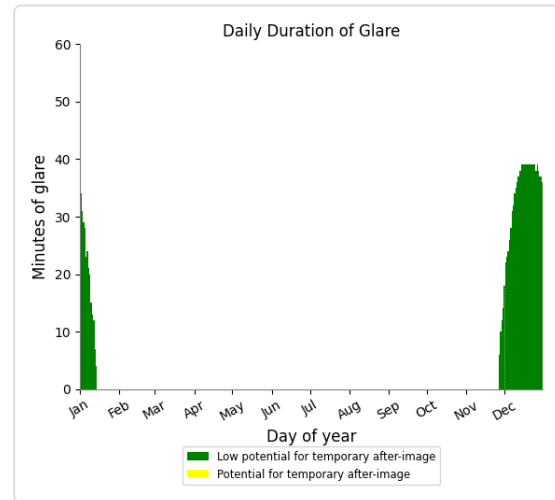
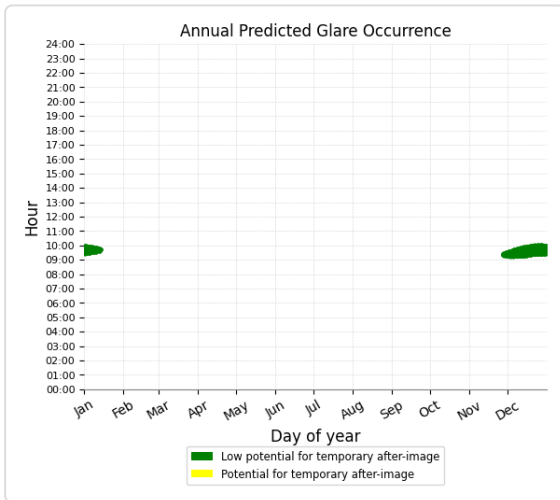
Green glare: 337 min.



PV array 11 and Route: Route 13

Yellow glare: none

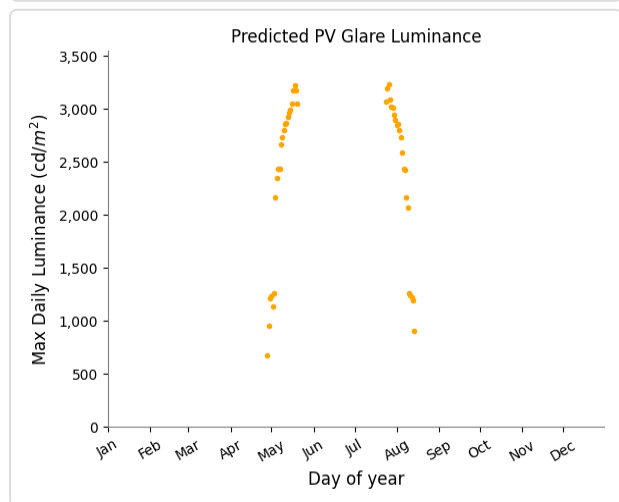
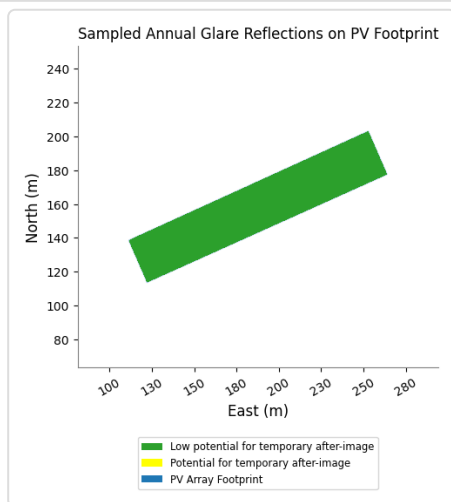
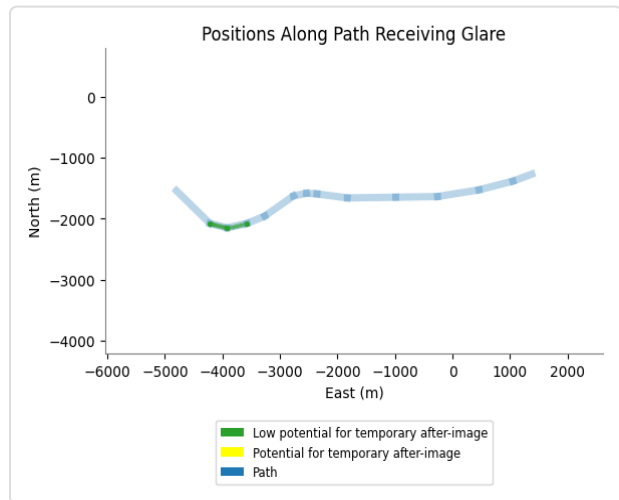
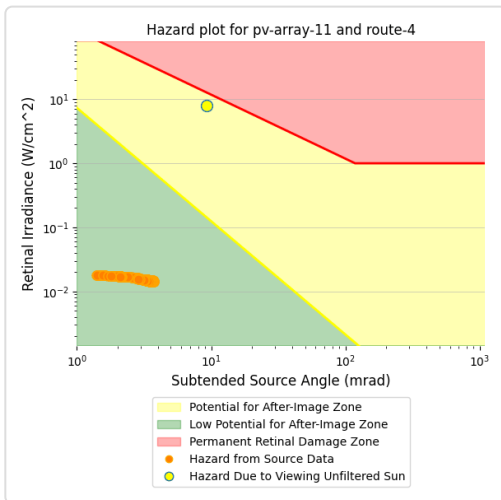
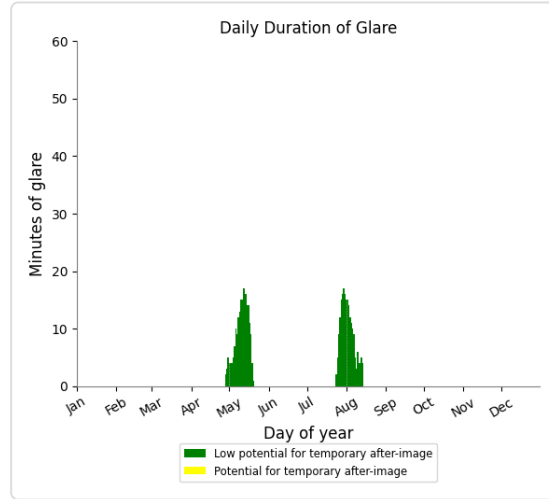
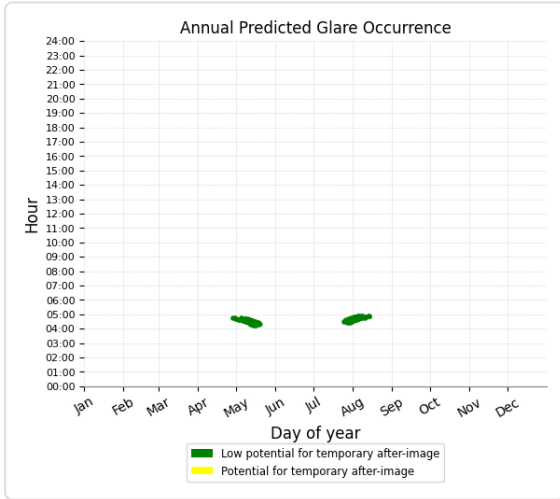
Green glare: 1,414 min.



PV array 11 and Route: Route 4

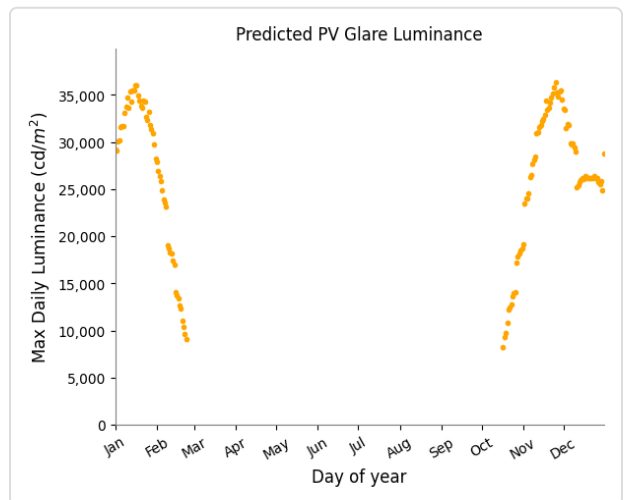
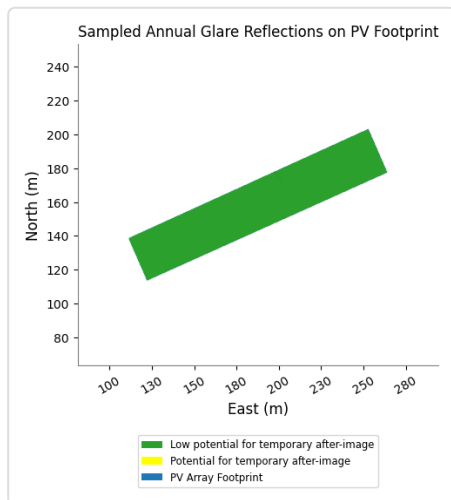
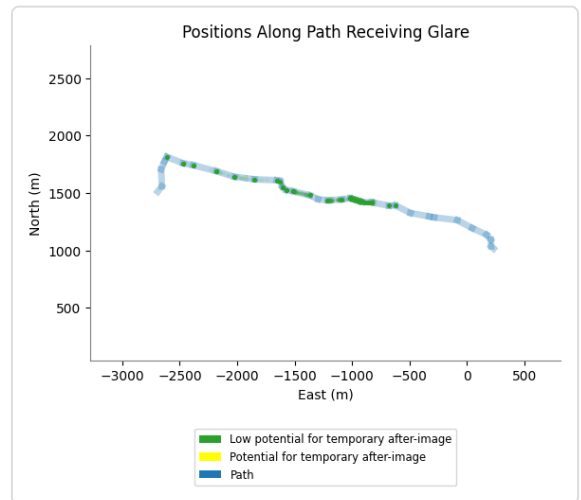
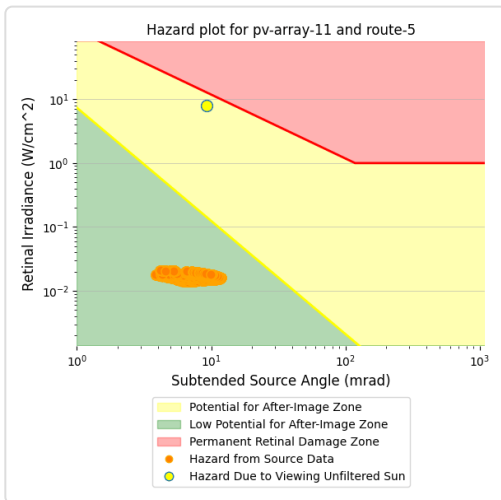
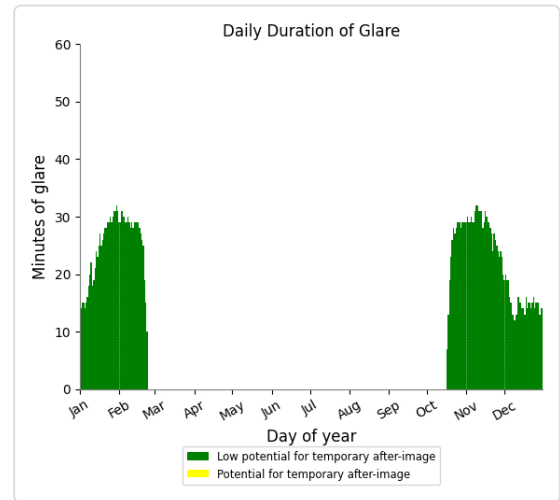
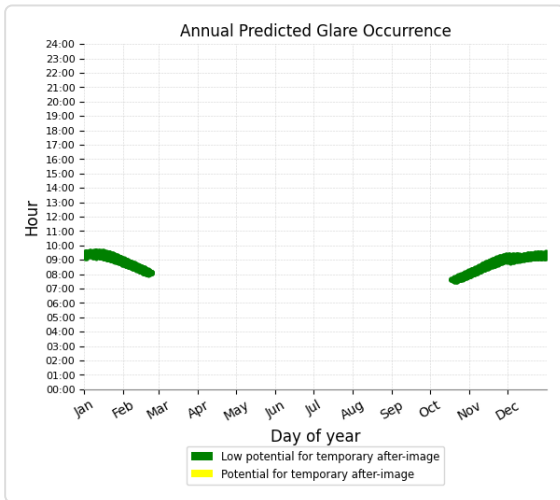
Yellow glare: none

Green glare: 420 min.



PV array 11 and Route: Route 5

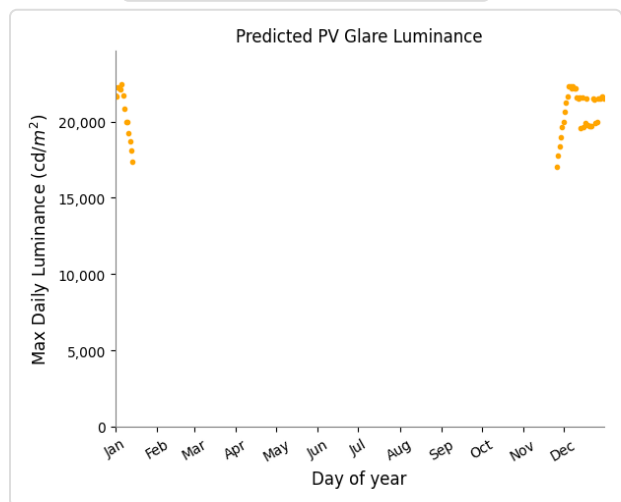
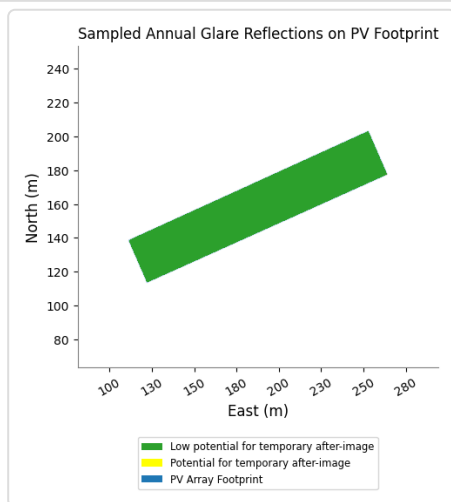
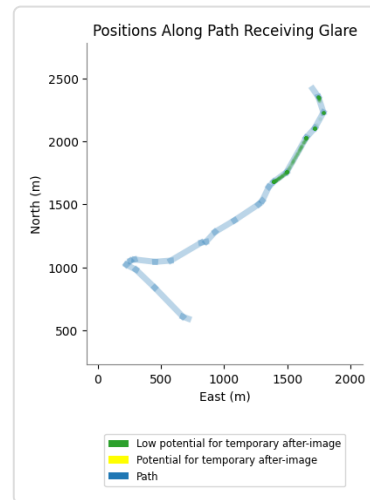
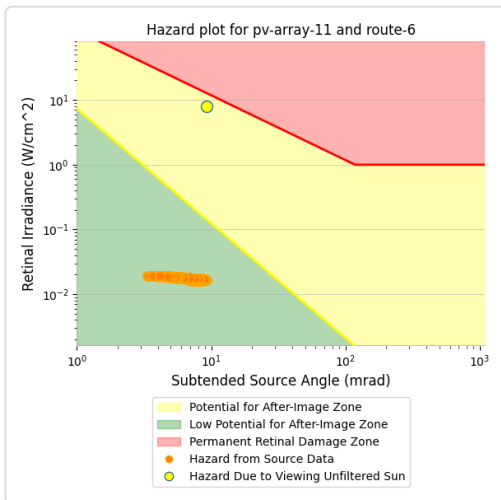
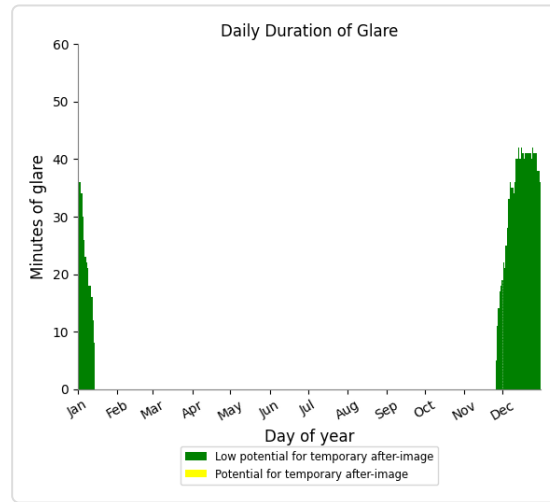
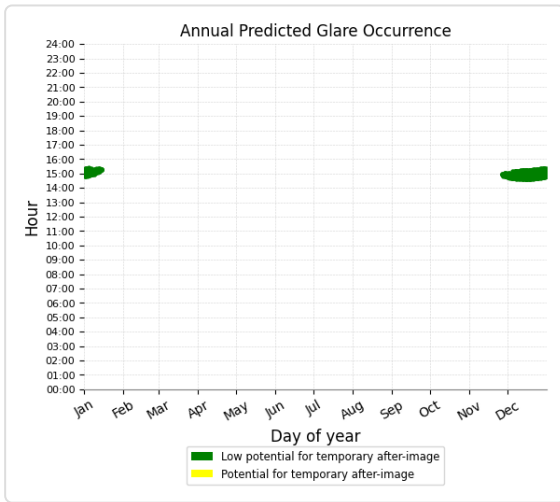
Yellow glare: none
 Green glare: 3,019 min.



PV array 11 and Route: Route 6

Yellow glare: none

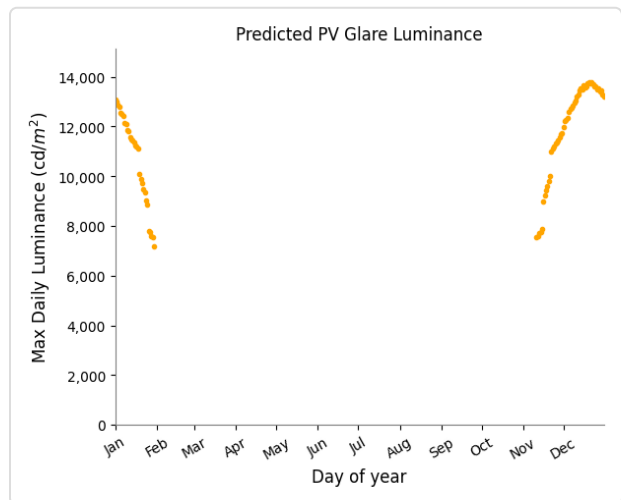
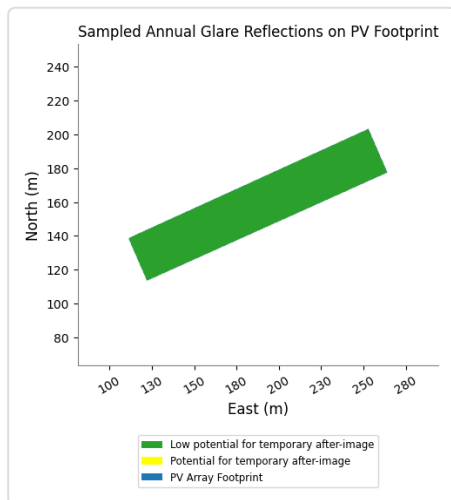
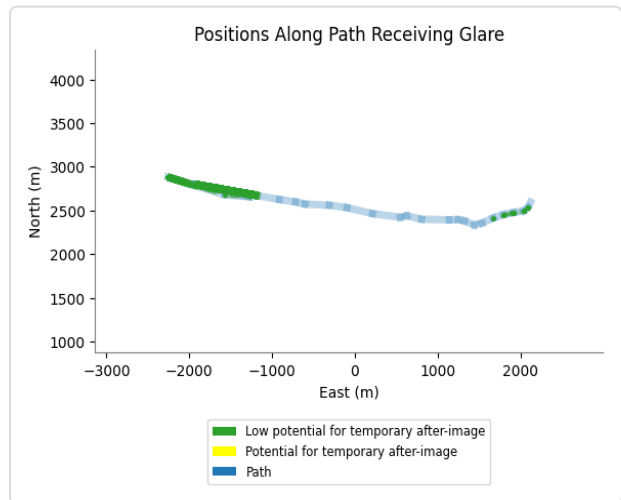
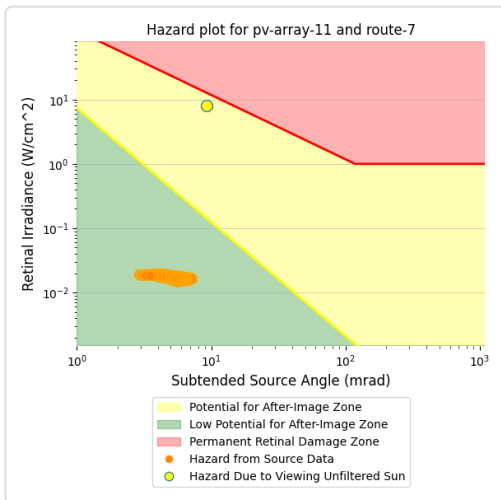
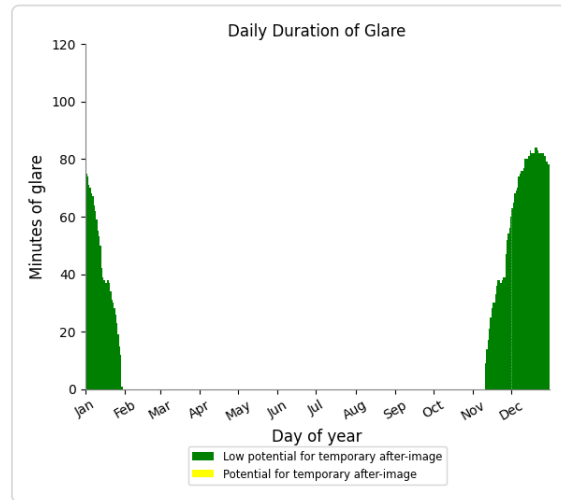
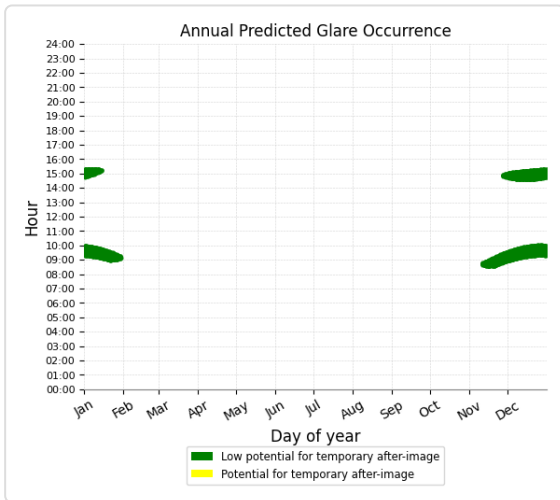
Green glare: 1,531 min.



PV array 11 and Route: Route 7

Yellow glare: none

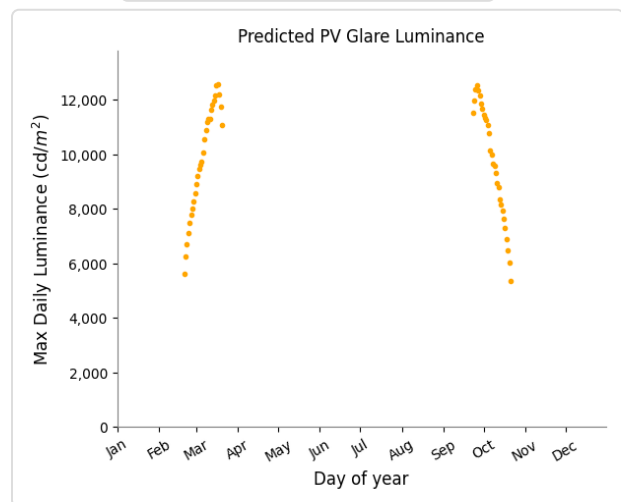
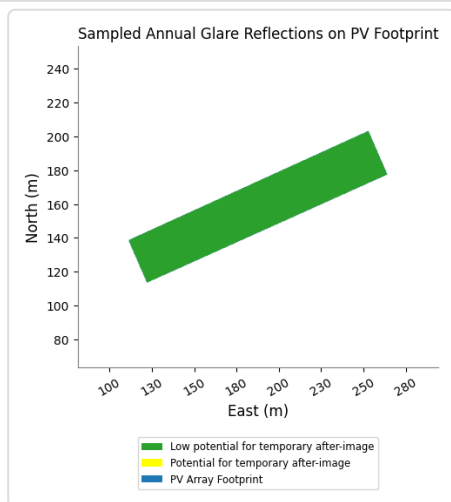
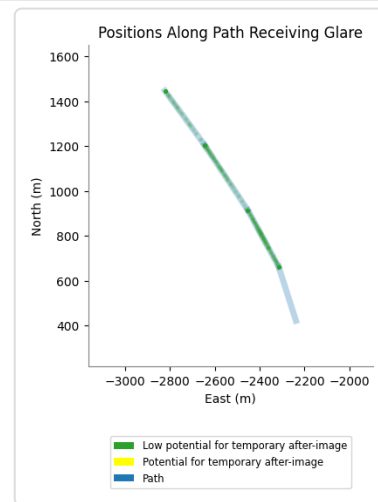
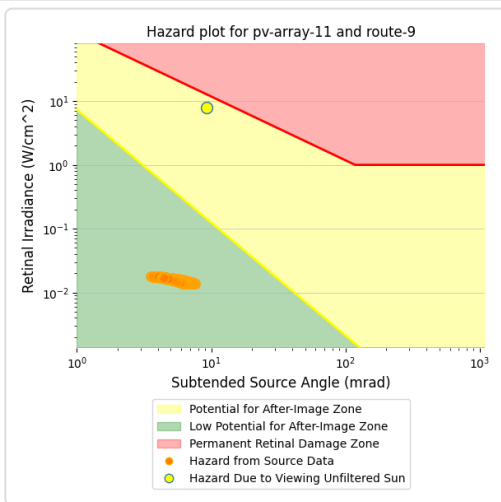
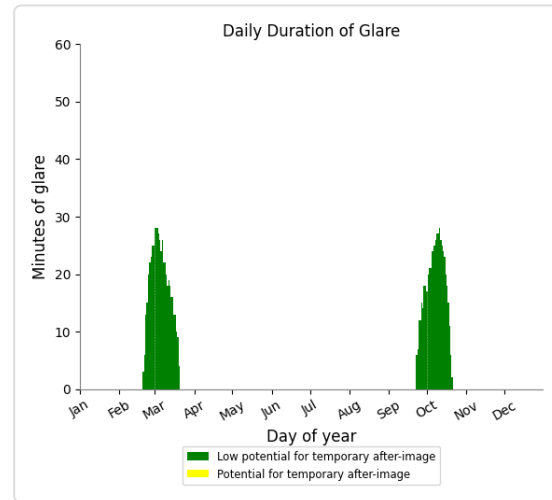
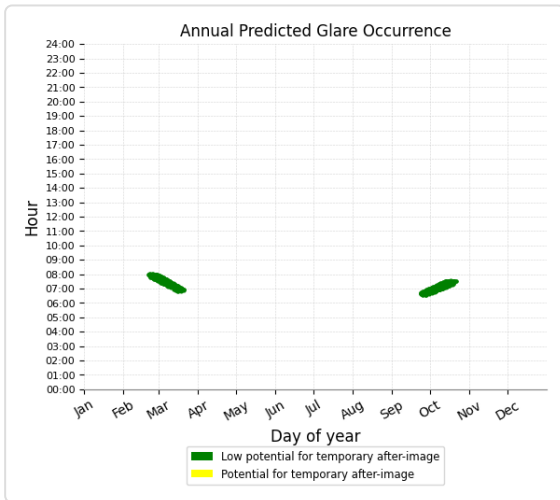
Green glare: 4,411 min.



PV array 11 and Route: Route 9

Yellow glare: none

Green glare: 1,071 min.



PV array 11 and Route: Footpath 1

No glare found

PV array 11 and Route: Footpath 4

No glare found

PV array 11 and Route: Route 1

No glare found

PV array 11 and Route: Route 10

No glare found

PV array 11 and Route: Route 11

No glare found

PV array 11 and Route: Route 14

No glare found

PV array 11 and Route: Route 15

No glare found

PV array 11 and Route: Route 16

No glare found

PV array 11 and Route: Route 2

No glare found

PV array 11 and Route: Route 3

No glare found

PV array 11 and Route: Route 8

No glare found

PV array 11 and FP: FP 1

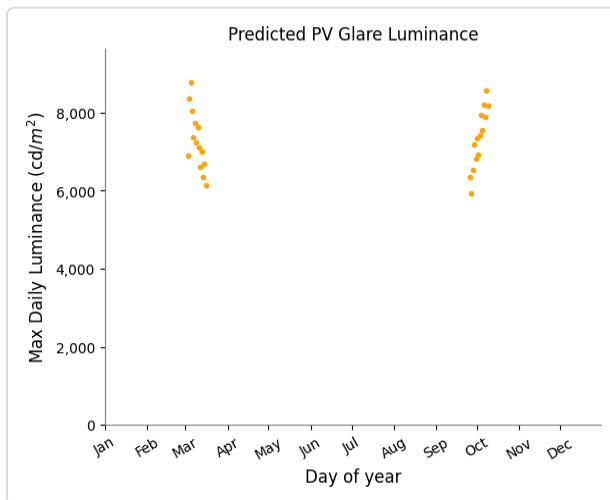
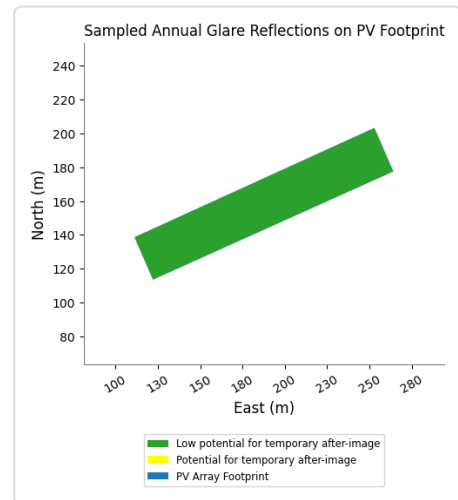
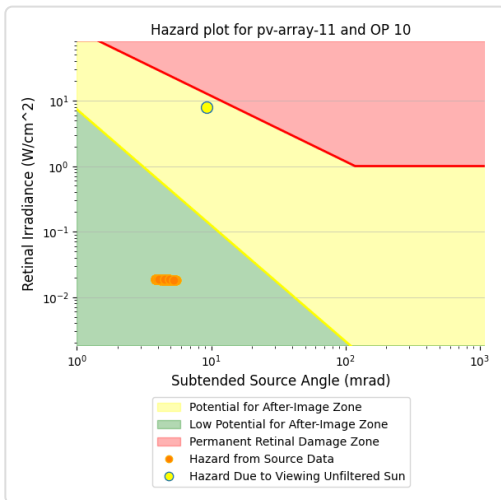
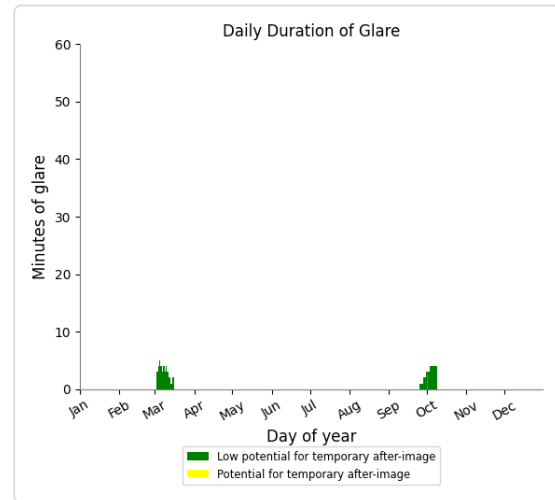
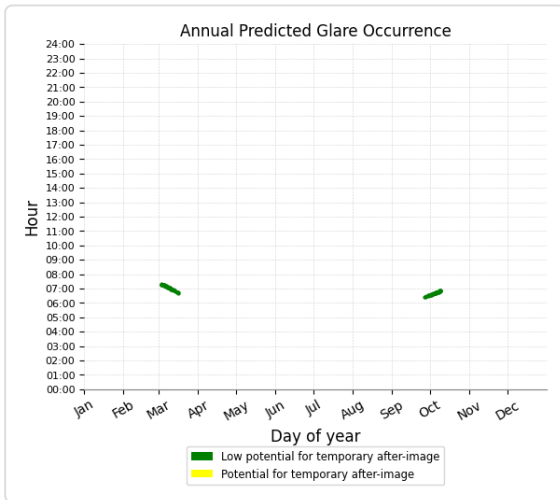
No glare found

PV array 11 and FP: FP 2

No glare found

PV array 11 and OP 10

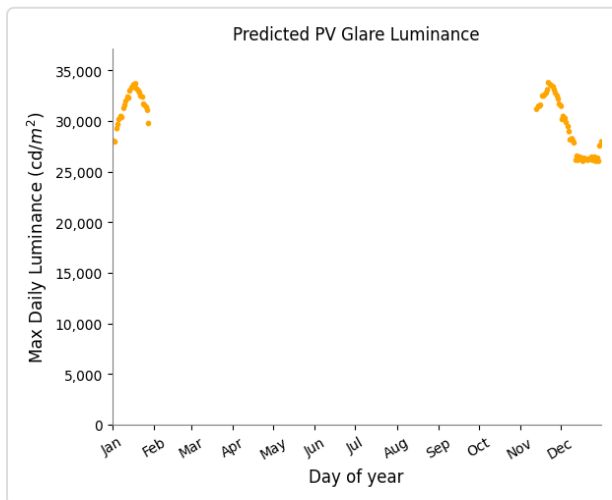
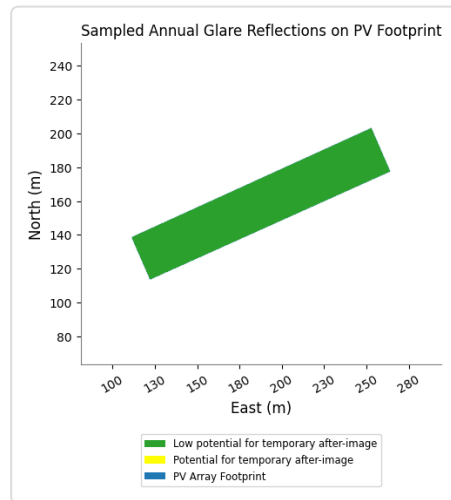
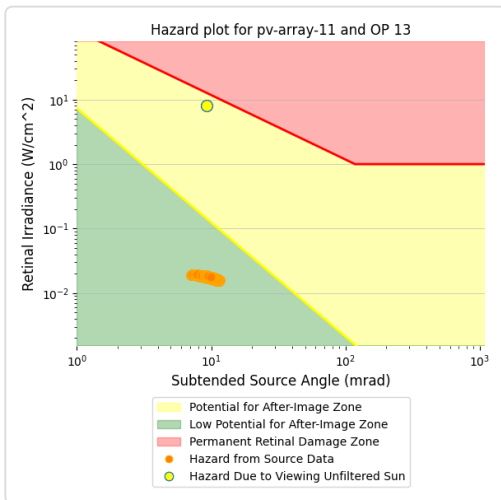
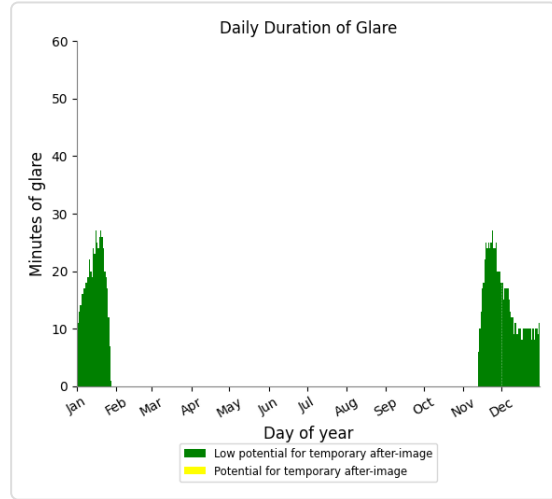
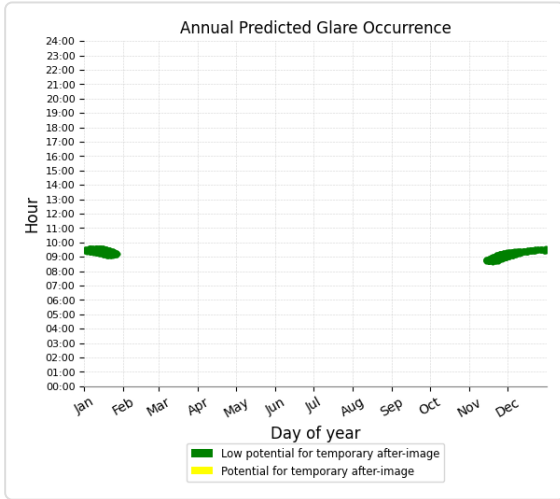
Yellow glare: none
 Green glare: 82 min.



PV array 11 and OP 13

Yellow glare: none

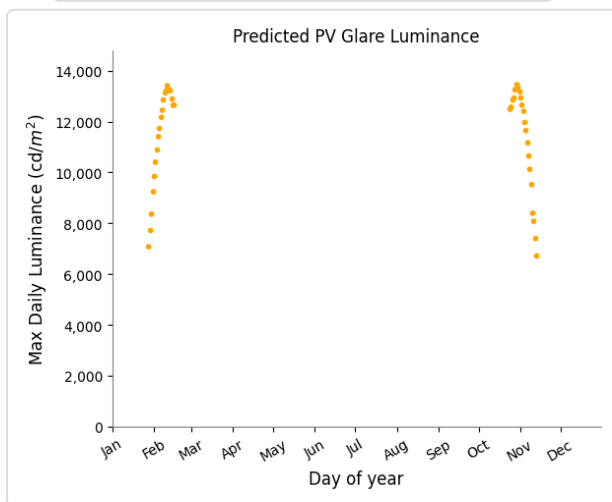
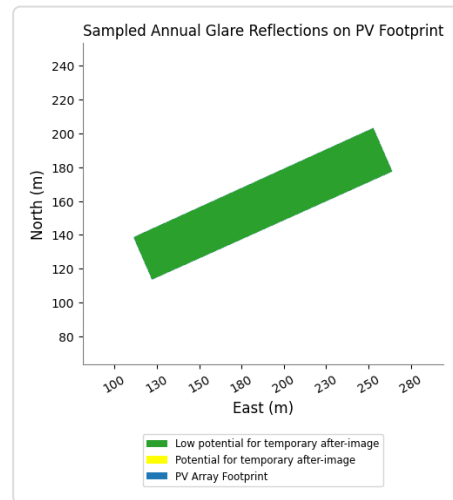
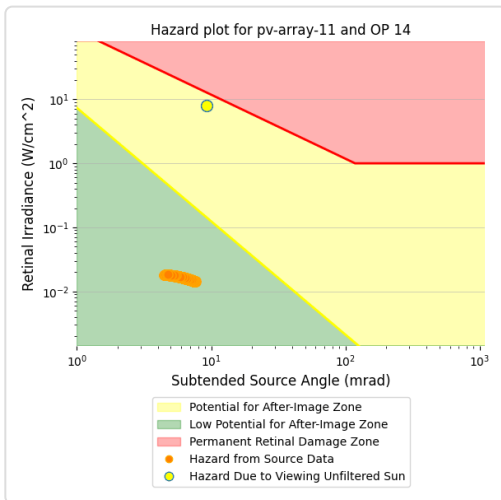
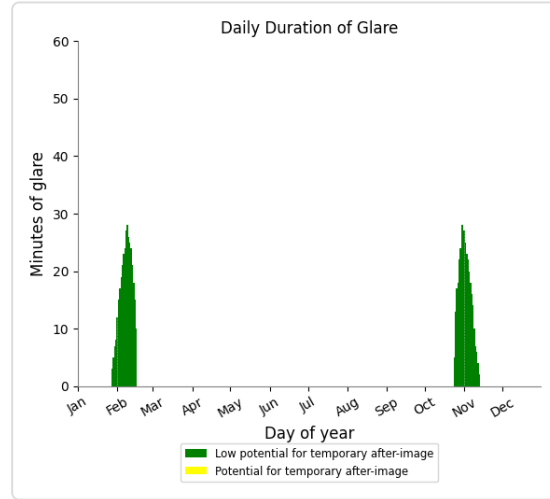
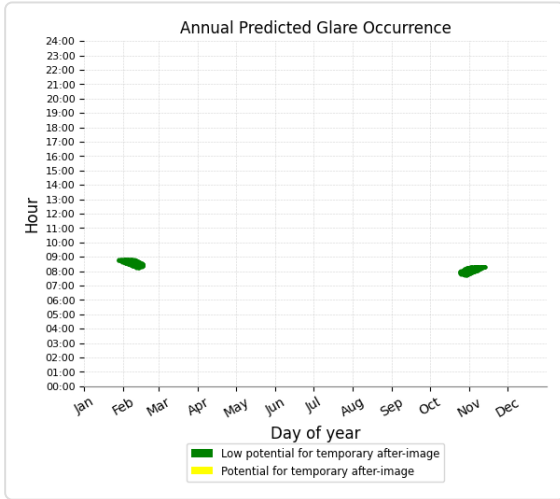
Green glare: 1,241 min.



PV array 11 and OP 14

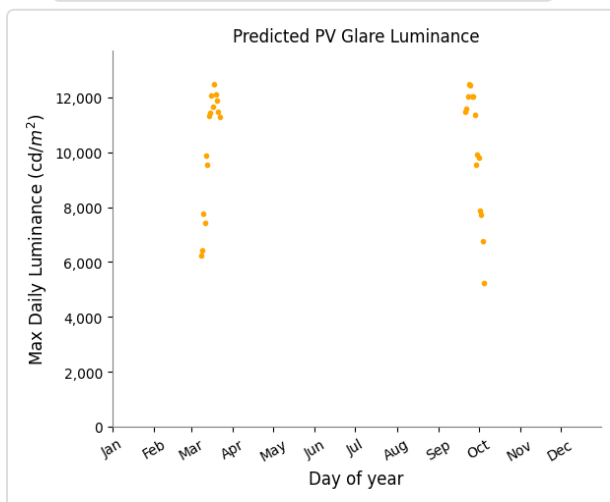
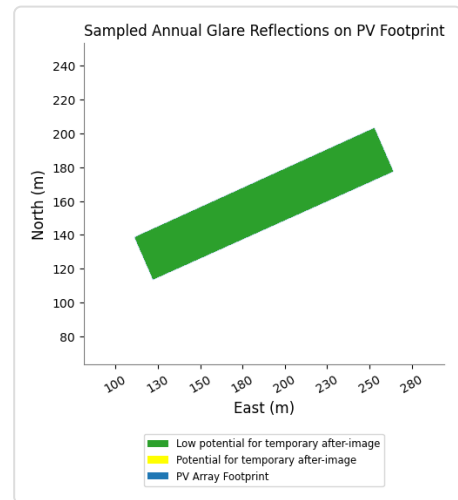
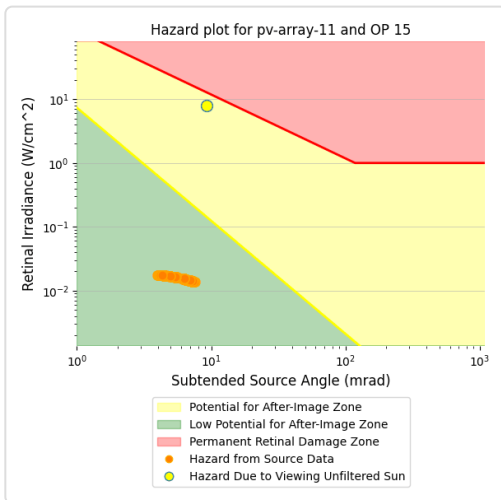
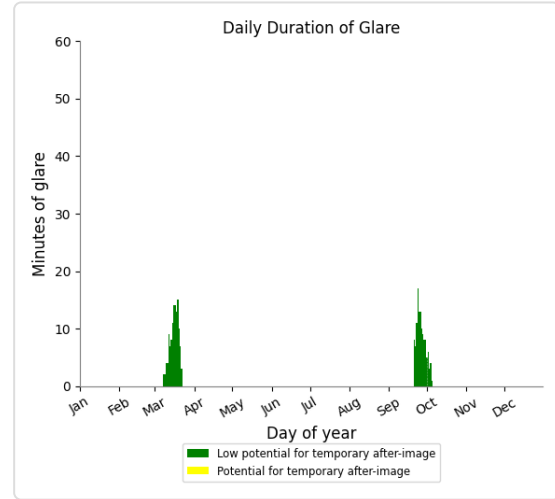
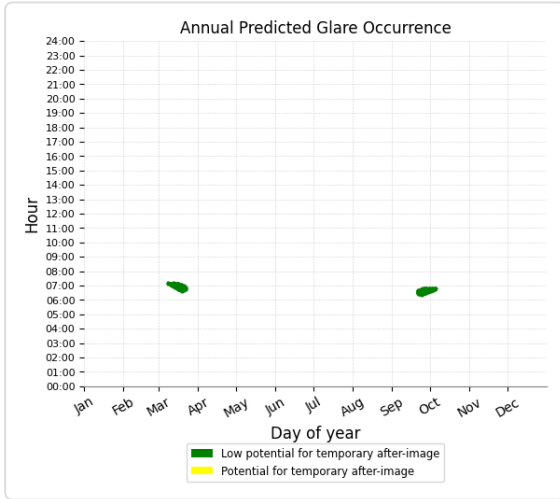
Yellow glare: none

Green glare: 697 min.



PV array 11 and OP 15

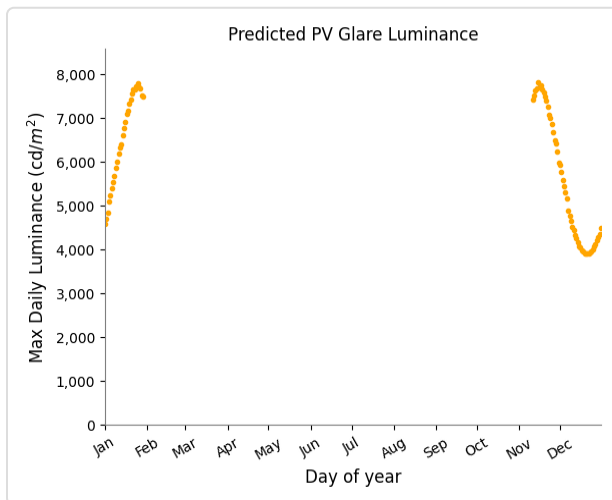
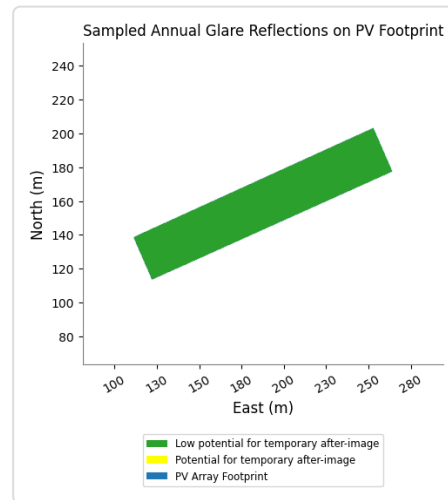
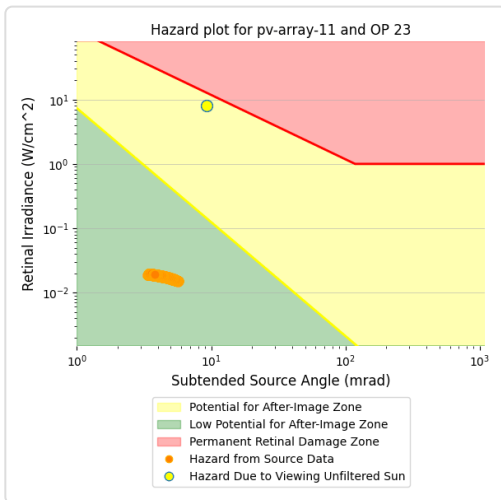
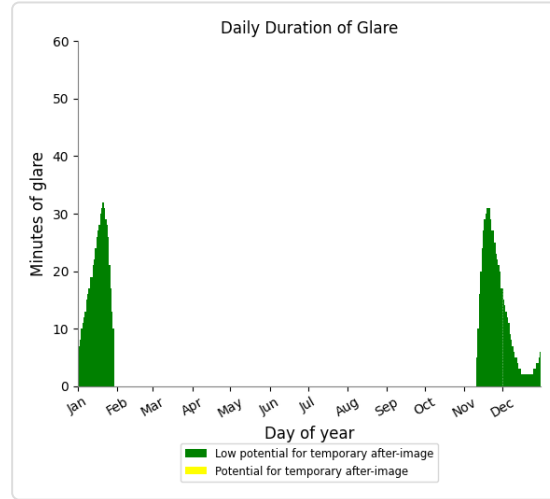
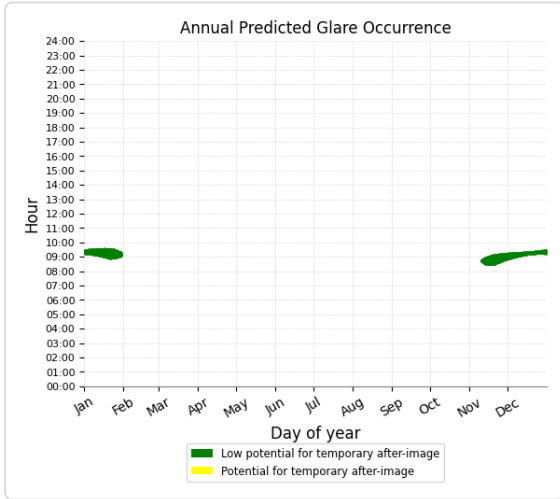
Yellow glare: none
 Green glare: 246 min.



PV array 11 and OP 23

Yellow glare: none

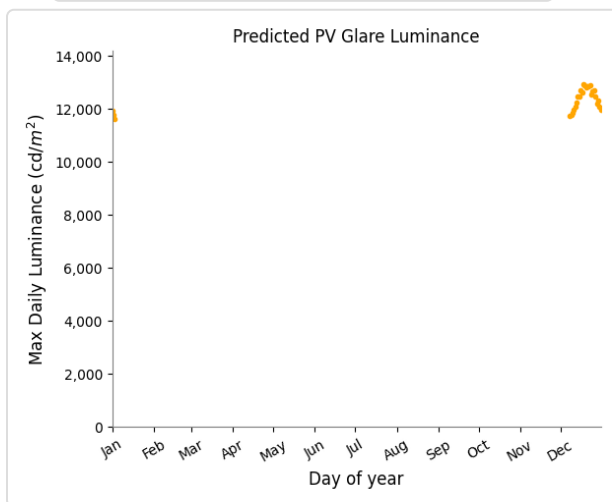
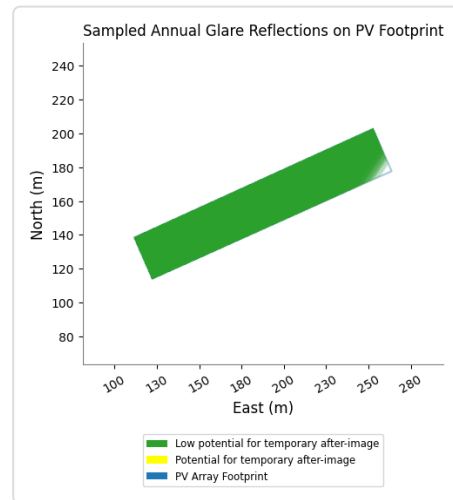
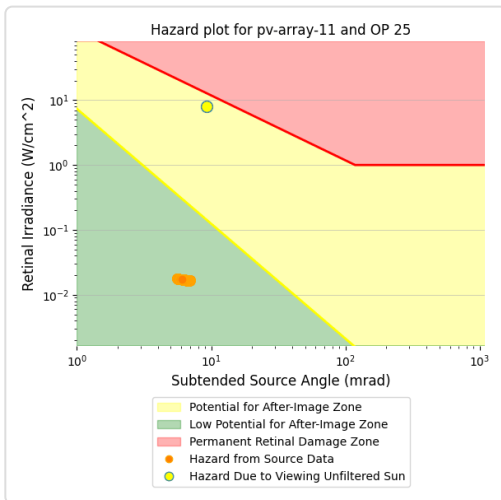
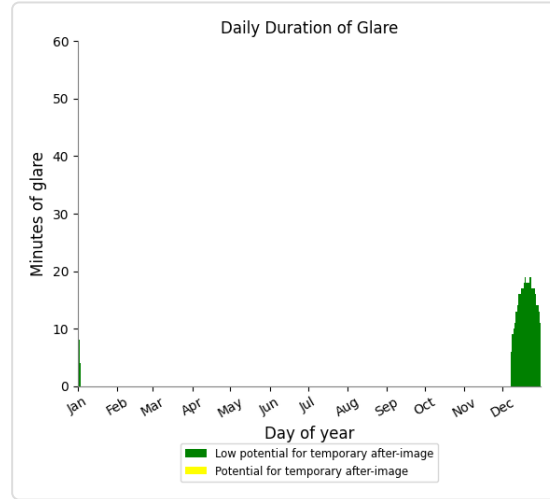
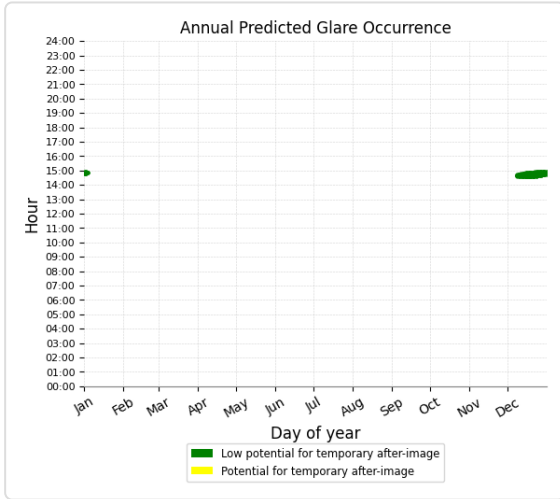
Green glare: 1,211 min.



PV array 11 and OP 25

Yellow glare: none

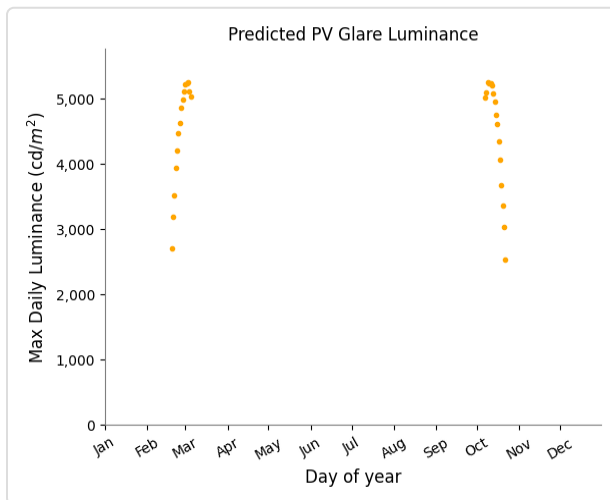
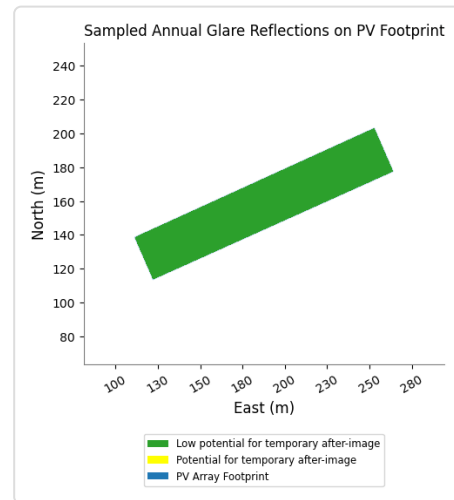
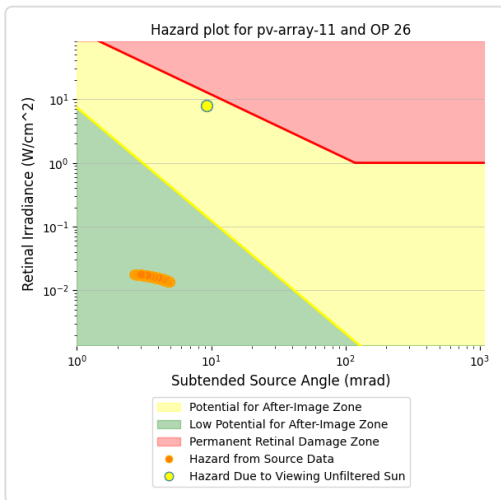
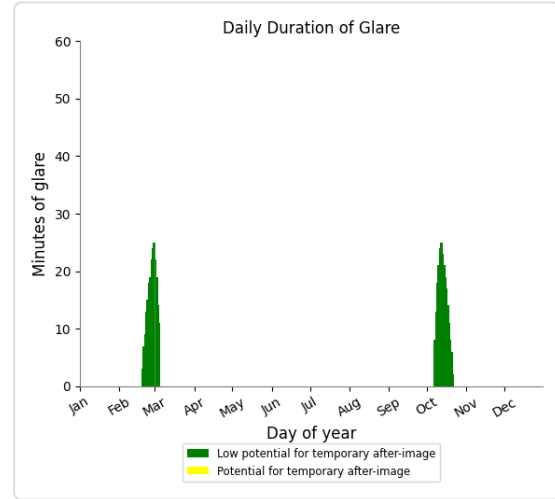
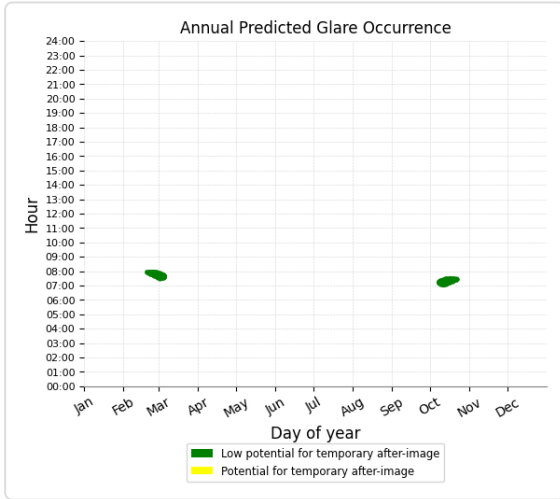
Green glare: 380 min.



PV array 11 and OP 26

Yellow glare: none

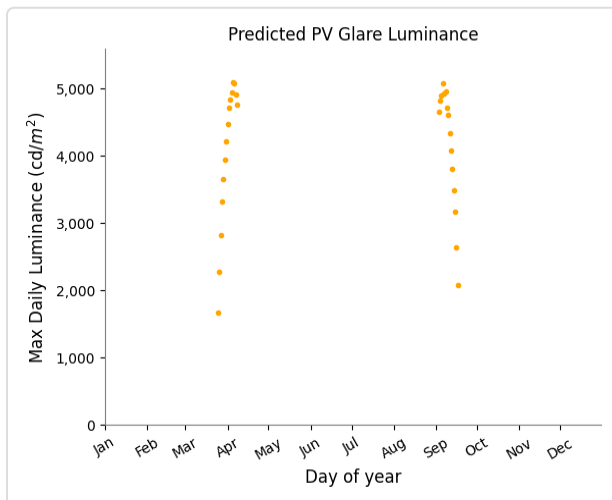
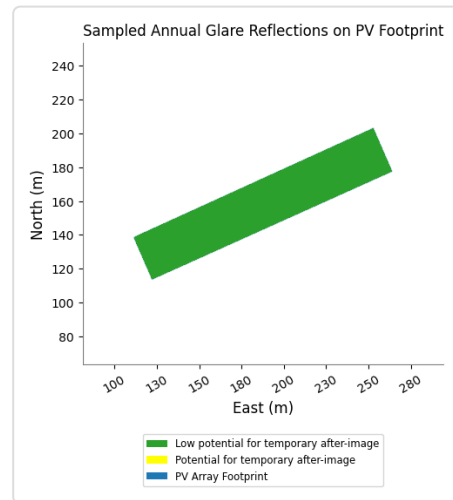
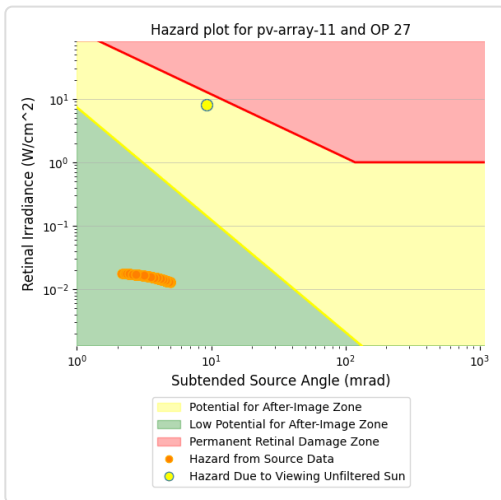
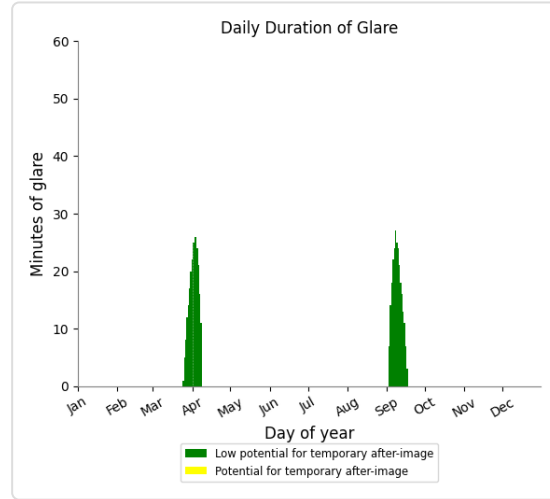
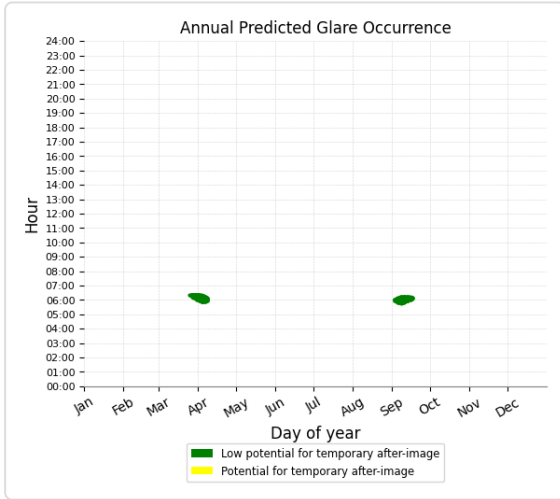
Green glare: 501 min.



PV array 11 and OP 27

Yellow glare: none

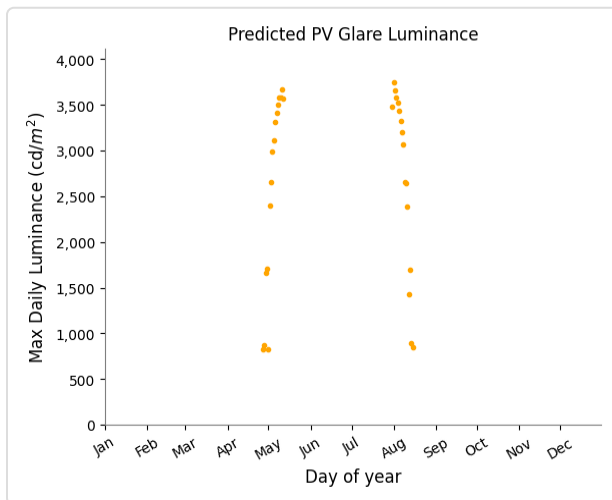
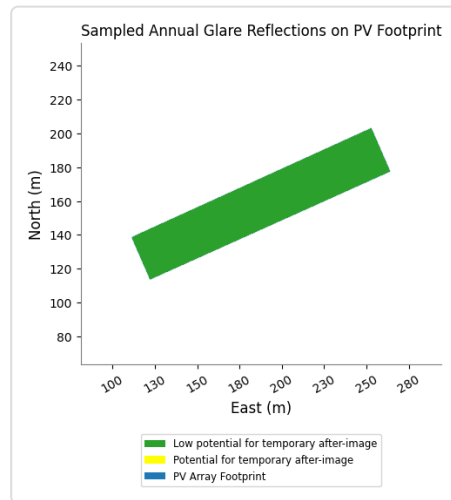
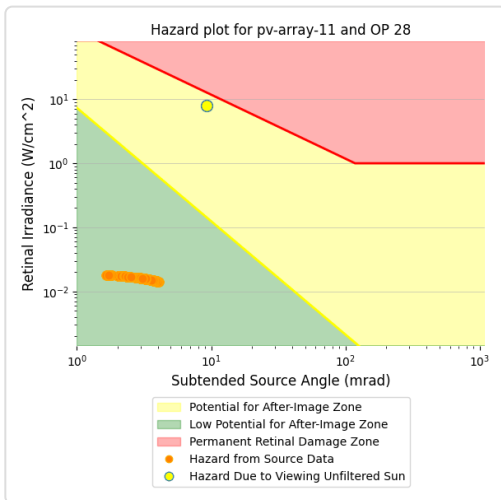
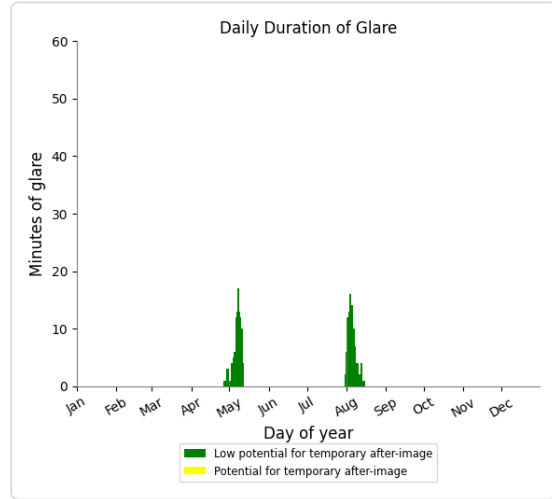
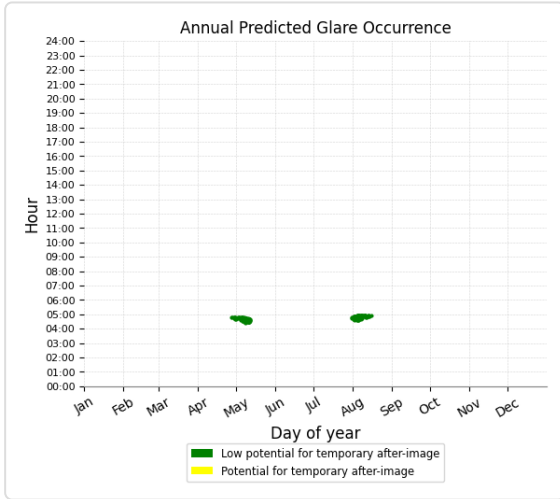
Green glare: 498 min.



PV array 11 and OP 28

Yellow glare: none

Green glare: 218 min.



PV array 11 and OP 1

No glare found

PV array 11 and OP 2

No glare found

PV array 11 and OP 3

No glare found

PV array 11 and OP 4

No glare found

PV array 11 and OP 5

No glare found

PV array 11 and OP 6

No glare found

PV array 11 and OP 7

No glare found

PV array 11 and OP 8

No glare found

PV array 11 and OP 9

No glare found

PV array 11 and OP 11

No glare found

PV array 11 and OP 12

No glare found

PV array 11 and OP 16

No glare found

PV array 11 and OP 17

No glare found

PV array 11 and OP 18

No glare found

PV array 11 and OP 19

No glare found

PV array 11 and OP 20

No glare found

PV array 11 and OP 21

No glare found

PV array 11 and OP 22

No glare found

PV array 11 and OP 24

No glare found

PV array 11 and OP 29

No glare found

PV array 11 and OP 30

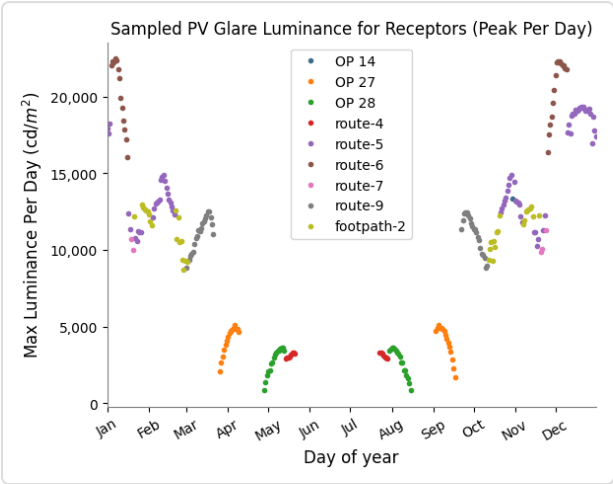
No glare found

PV: PV array 12 low potential for temporary after-image

Receptor results ordered by category of glare

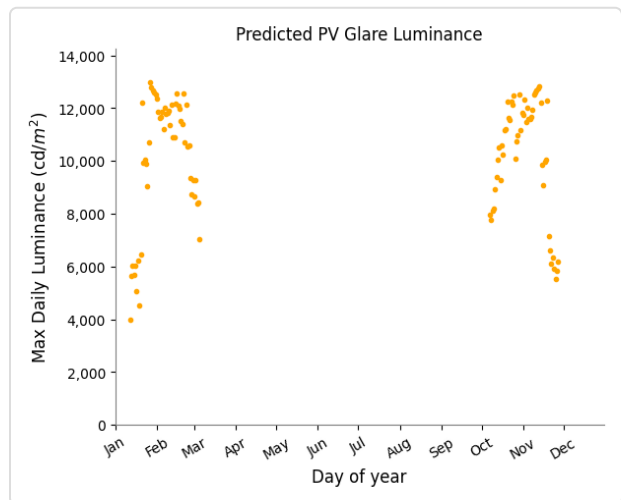
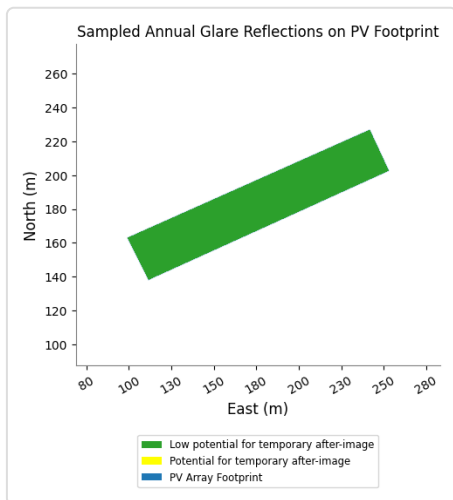
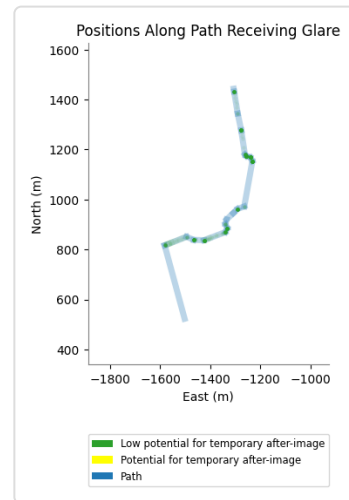
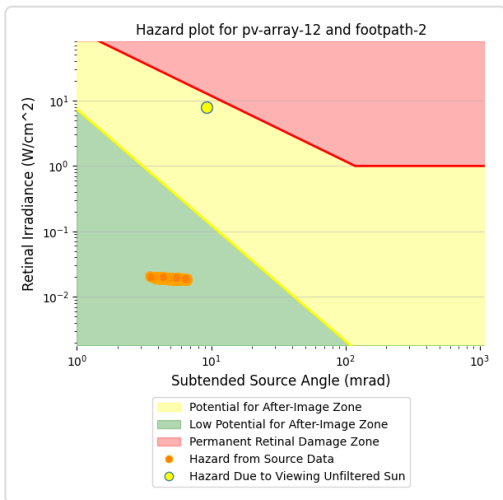
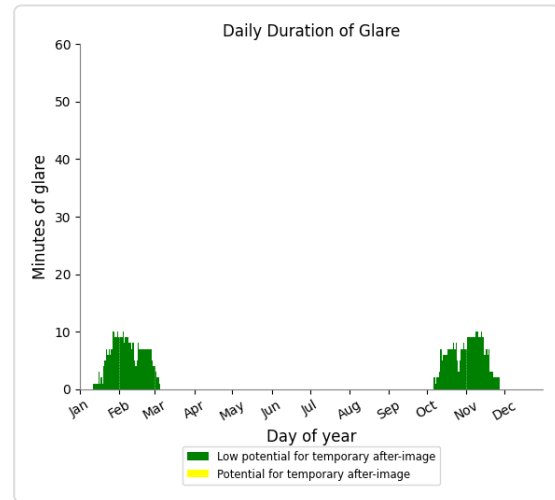
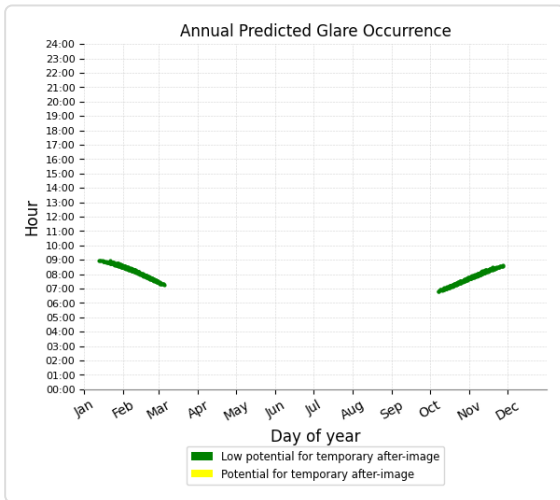
Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
Footpath 2	634	10.6	0	0.0	12,972
Route 12	313	5.2	0	0.0	8,567
Route 13	1,124	18.7	0	0.0	6,078
Route 4	552	9.2	0	0.0	3,310
Route 5	1,417	23.6	0	0.0	19,352
Route 6	1,552	25.9	0	0.0	22,476
Route 7	4,284	71.4	0	0.0	13,976
Route 9	889	14.8	0	0.0	12,547
Footpath 1	0	0.0	0	0.0	0
Footpath 3	0	0.0	0	0.0	0
Footpath 4	0	0.0	0	0.0	0
Route 1	0	0.0	0	0.0	0
Route 10	0	0.0	0	0.0	0
Route 11	0	0.0	0	0.0	0
Route 14	0	0.0	0	0.0	0
Route 15	0	0.0	0	0.0	0
Route 16	0	0.0	0	0.0	0
Route 2	0	0.0	0	0.0	0
Route 3	0	0.0	0	0.0	0
Route 8	0	0.0	0	0.0	0
FP 1	0	0.0	0	0.0	0
FP 2	0	0.0	0	0.0	0
OP 10	79	1.3	0	0.0	9,440
OP 14	516	8.6	0	0.0	13,487
OP 23	845	14.1	0	0.0	7,843
OP 25	477	8.0	0	0.0	13,144
OP 26	448	7.5	0	0.0	5,270
OP 27	489	8.2	0	0.0	5,088
OP 28	306	5.1	0	0.0	3,642
OP 1	0	0.0	0	0.0	0
OP 2	0	0.0	0	0.0	0
OP 3	0	0.0	0	0.0	0
OP 4	0	0.0	0	0.0	0
OP 5	0	0.0	0	0.0	0
OP 6	0	0.0	0	0.0	0
OP 7	0	0.0	0	0.0	0
OP 8	0	0.0	0	0.0	0
OP 9	0	0.0	0	0.0	0

Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
OP 11	0	0.0	0	0.0	0
OP 12	0	0.0	0	0.0	0
OP 13	0	0.0	0	0.0	0
OP 15	0	0.0	0	0.0	0
OP 16	0	0.0	0	0.0	0
OP 17	0	0.0	0	0.0	0
OP 18	0	0.0	0	0.0	0
OP 19	0	0.0	0	0.0	0
OP 20	0	0.0	0	0.0	0
OP 21	0	0.0	0	0.0	0
OP 22	0	0.0	0	0.0	0
OP 24	0	0.0	0	0.0	0
OP 29	0	0.0	0	0.0	0
OP 30	0	0.0	0	0.0	0



PV array 12 and Route: Footpath 2

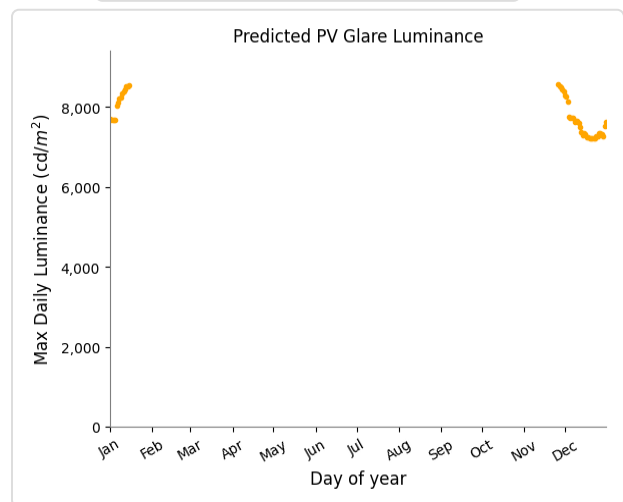
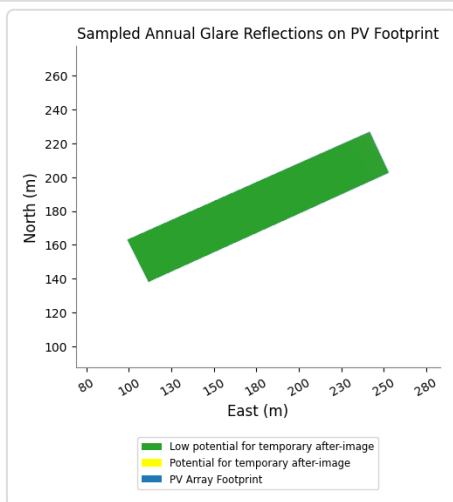
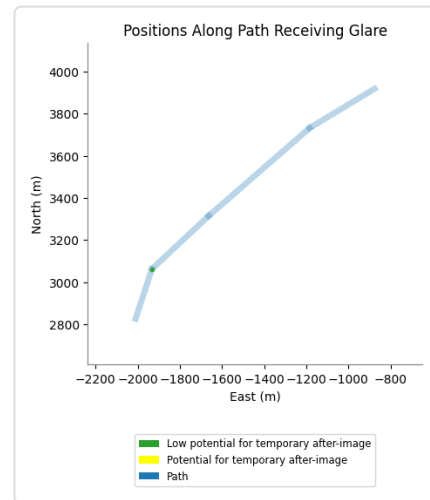
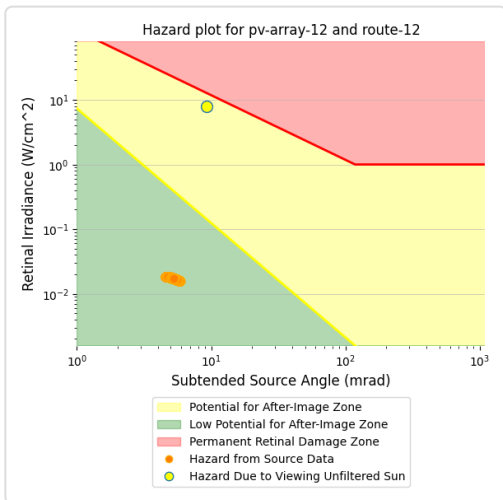
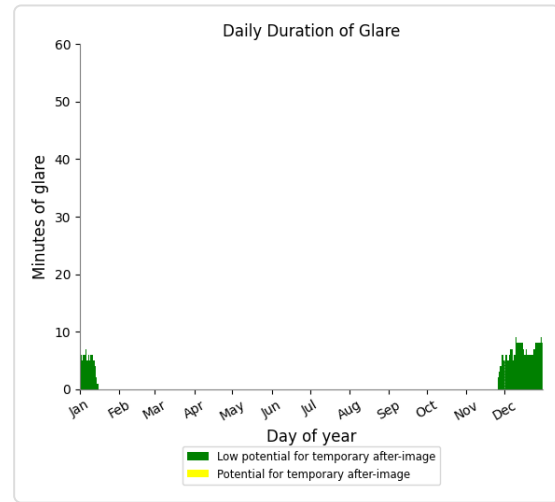
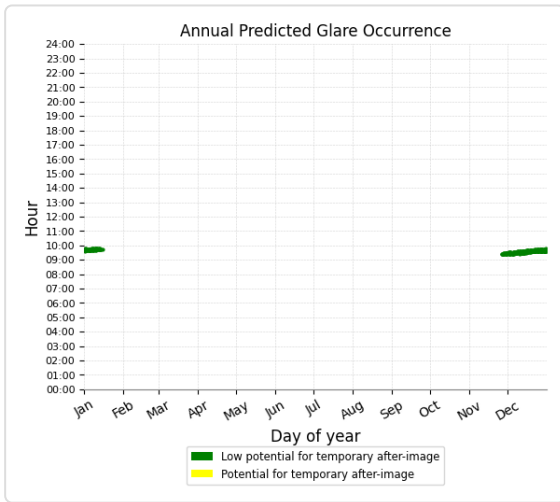
Yellow glare: none
 Green glare: 634 min.



PV array 12 and Route: Route 12

Yellow glare: none

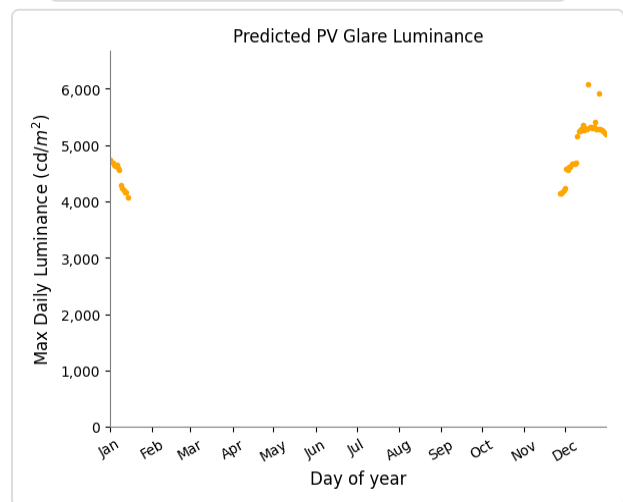
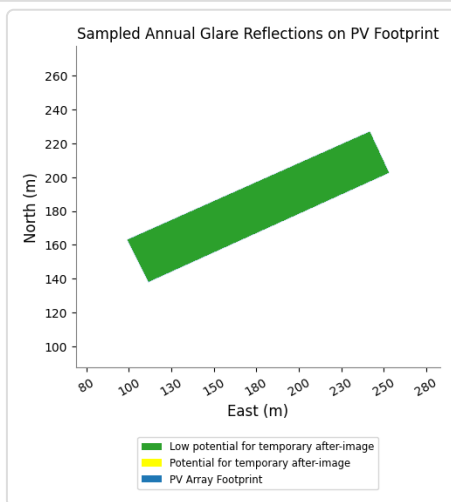
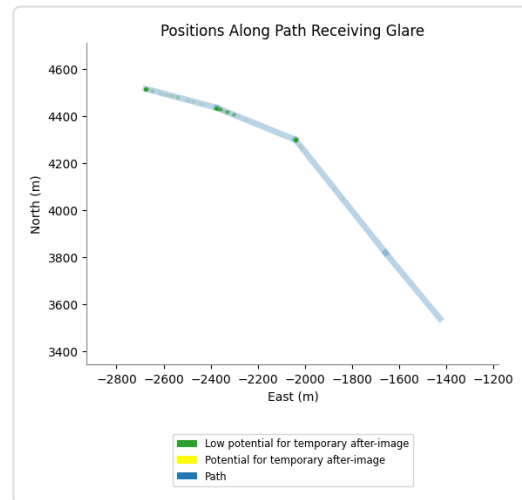
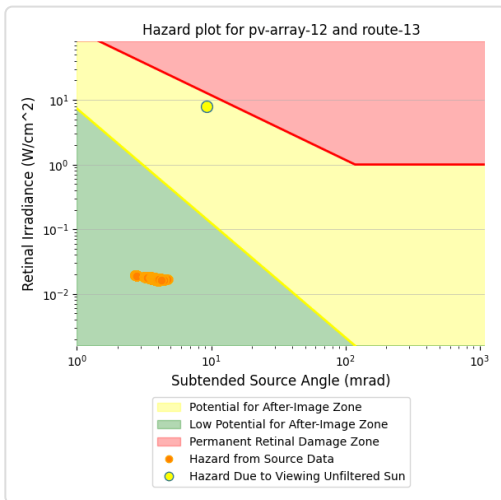
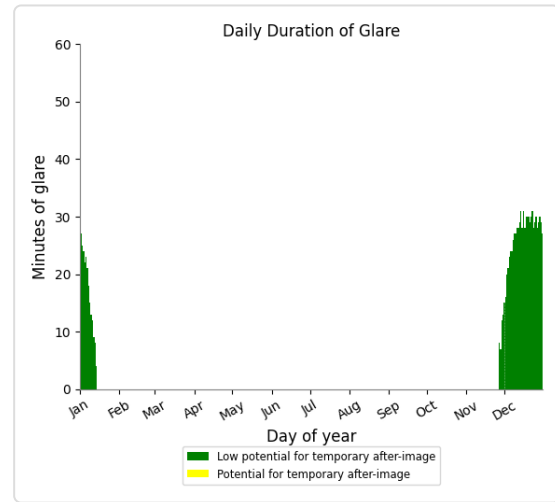
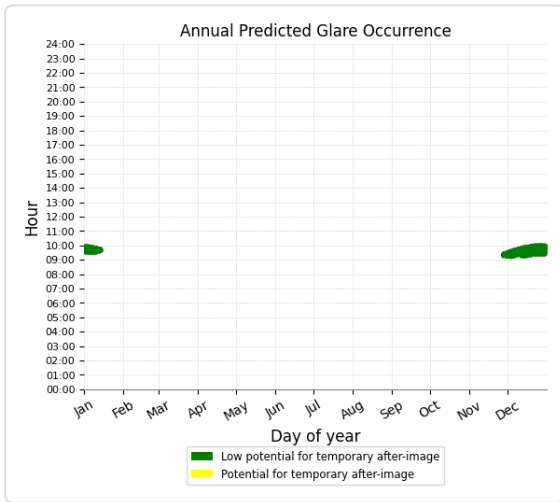
Green glare: 313 min.



PV array 12 and Route: Route 13

Yellow glare: none

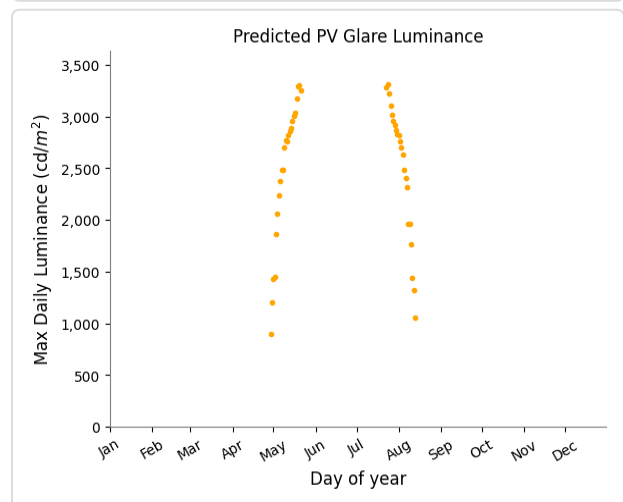
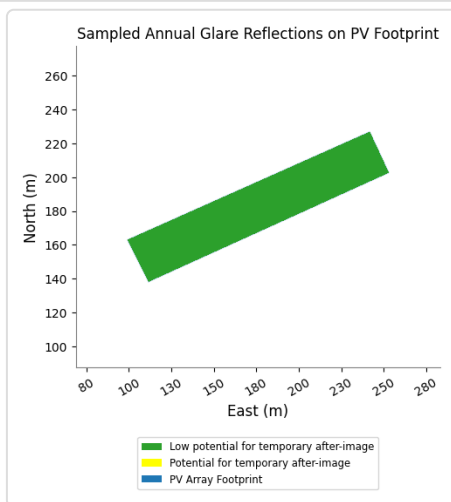
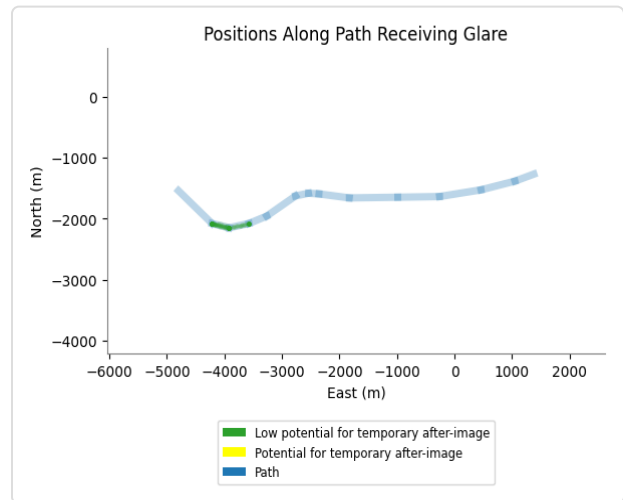
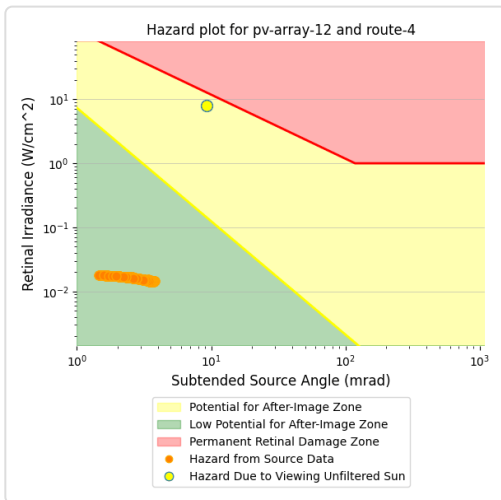
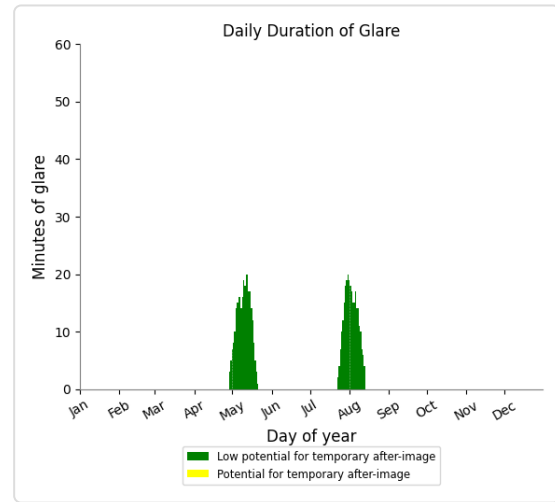
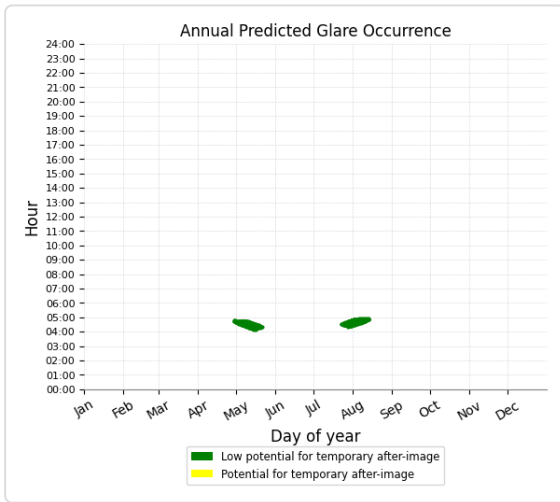
Green glare: 1,124 min.



PV array 12 and Route: Route 4

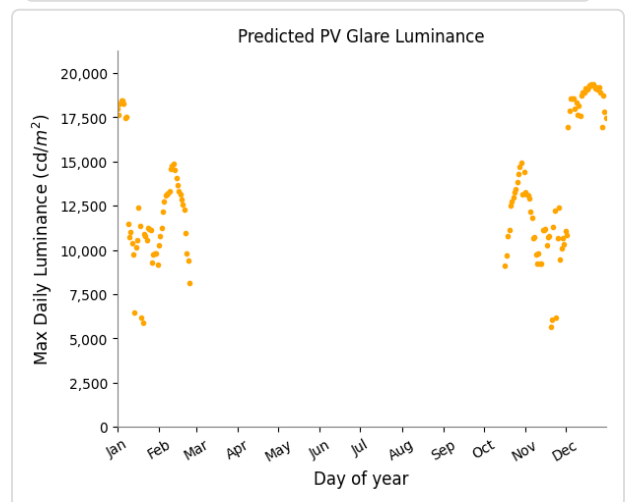
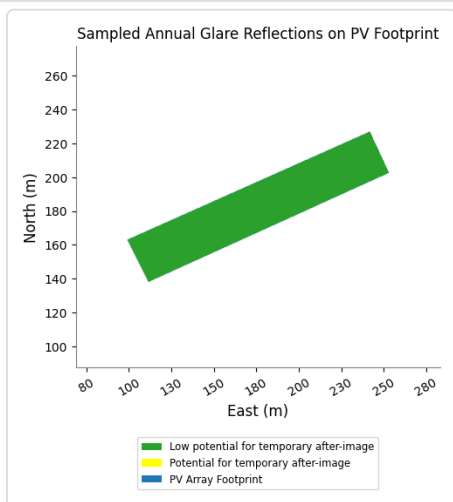
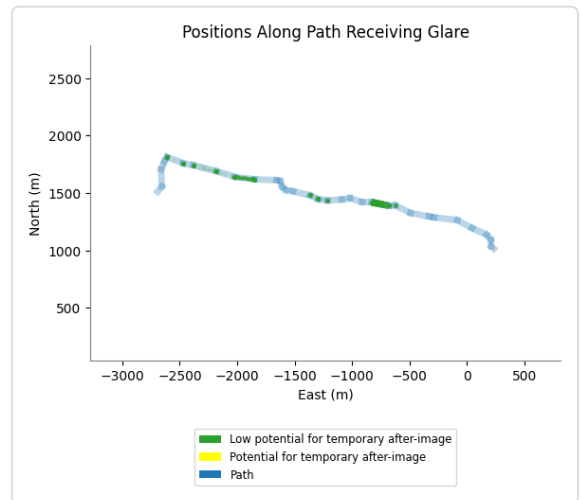
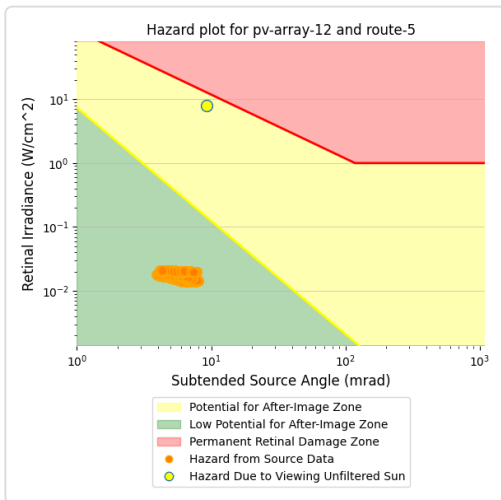
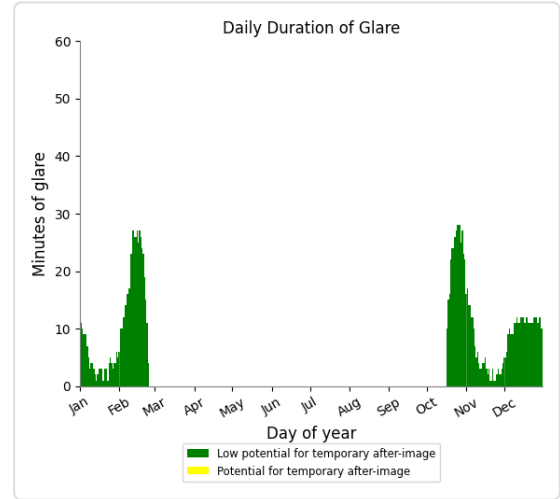
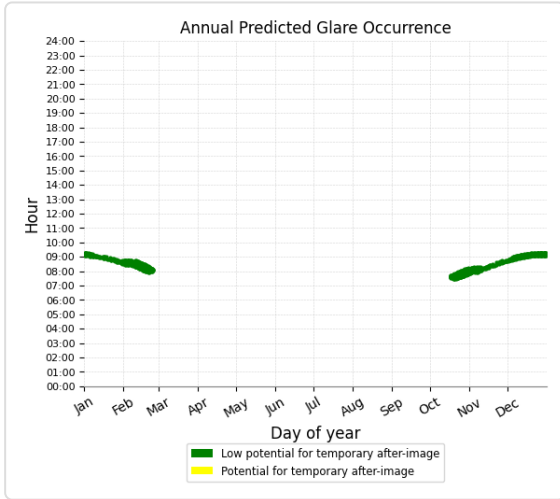
Yellow glare: none

Green glare: 552 min.



PV array 12 and Route: Route 5

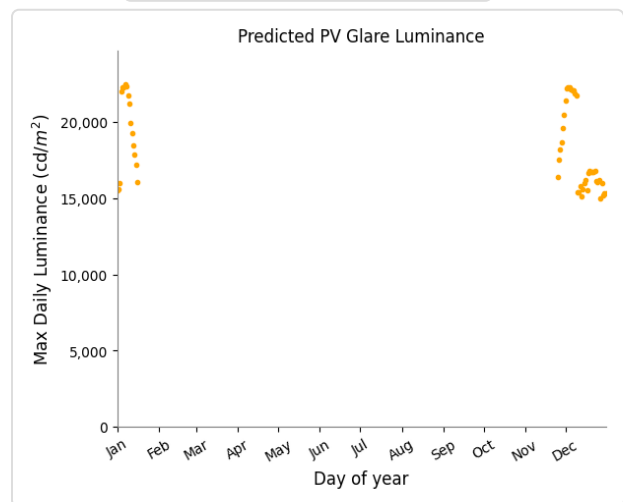
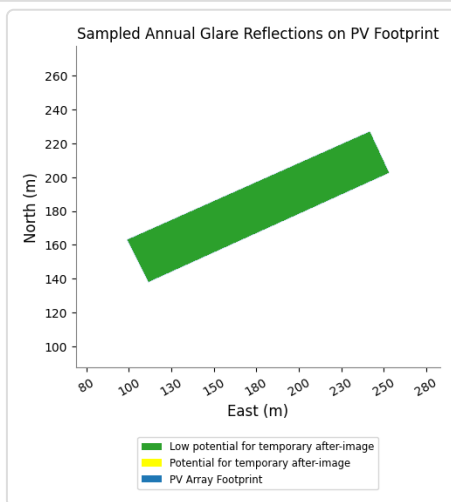
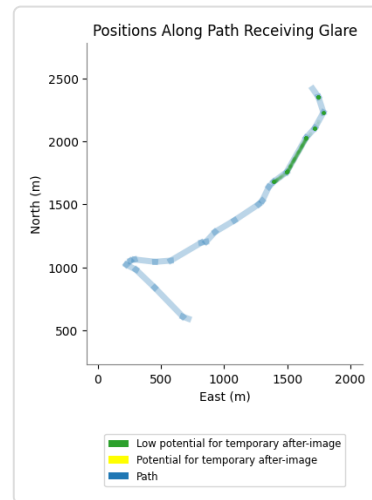
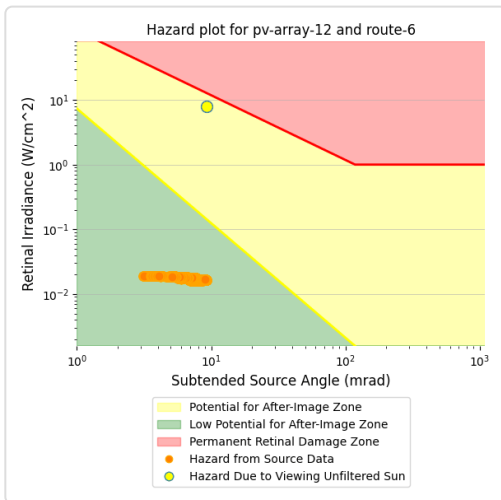
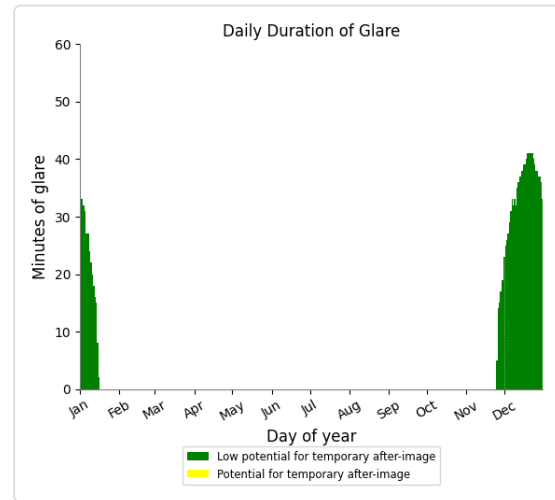
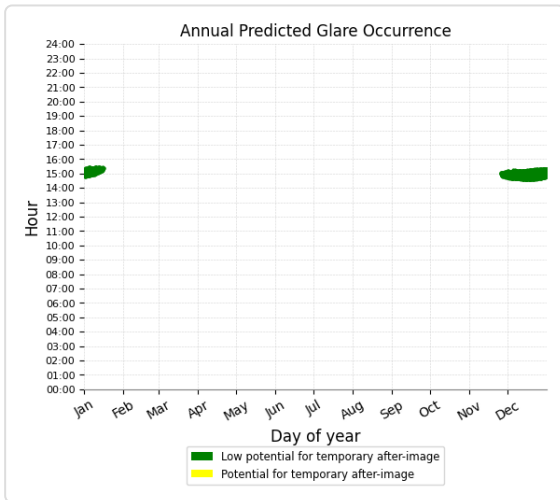
Yellow glare: none
 Green glare: 1,417 min.



PV array 12 and Route: Route 6

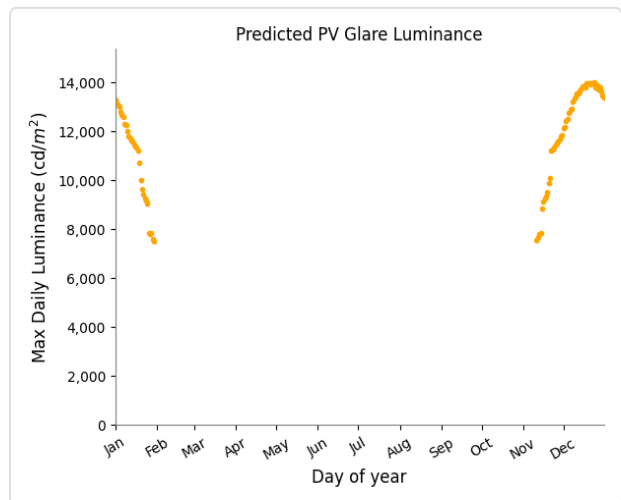
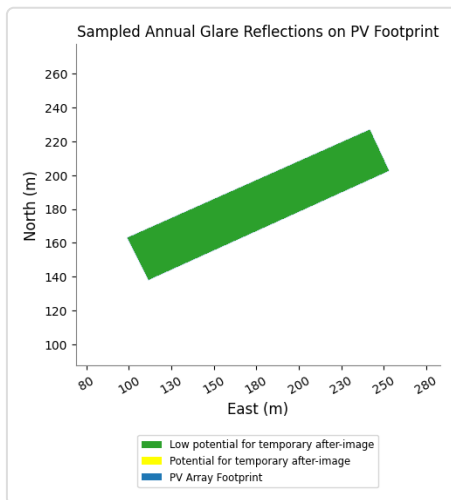
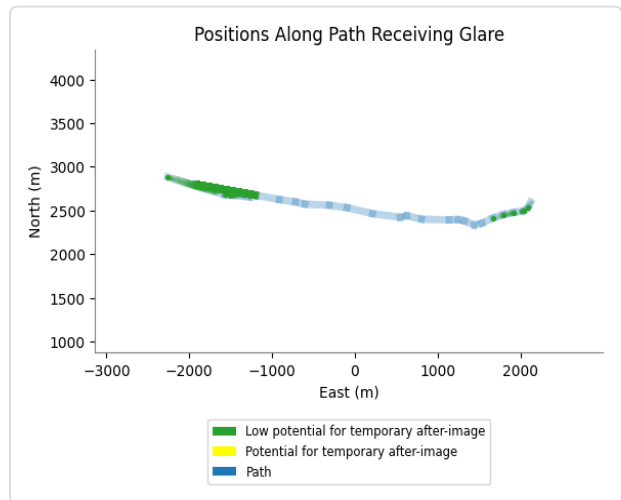
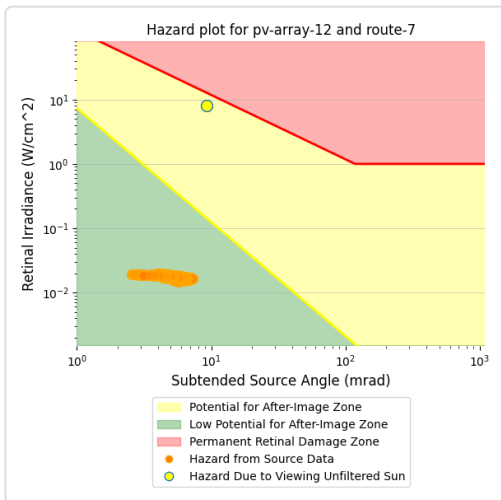
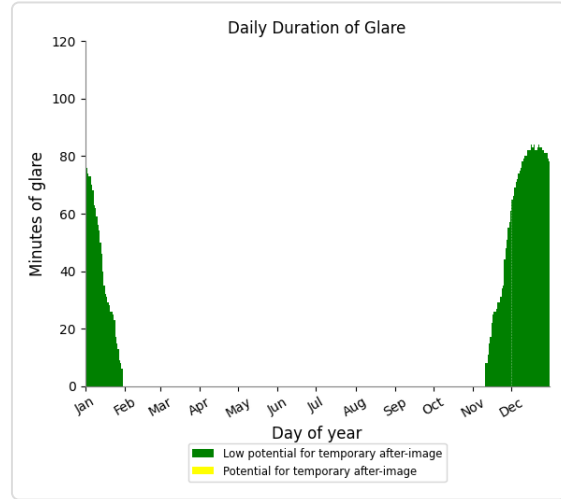
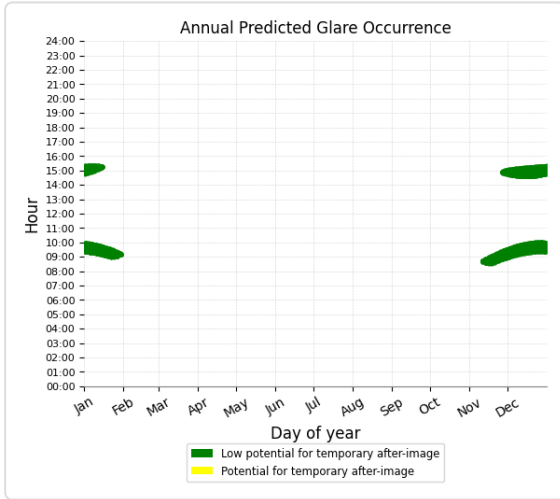
Yellow glare: none

Green glare: 1,552 min.



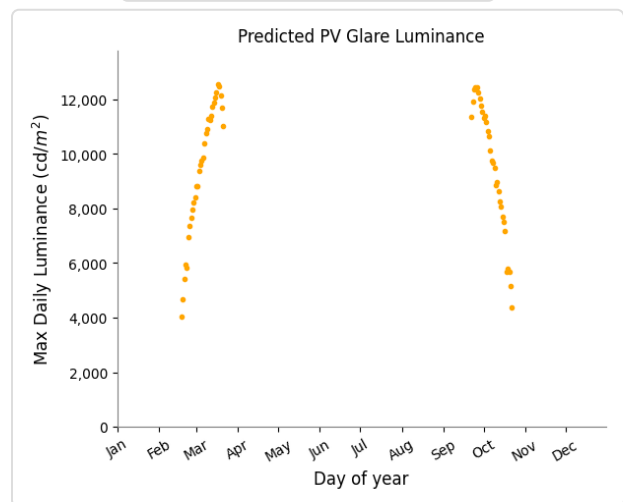
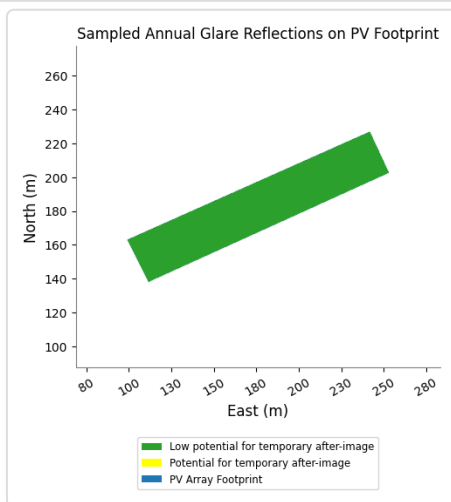
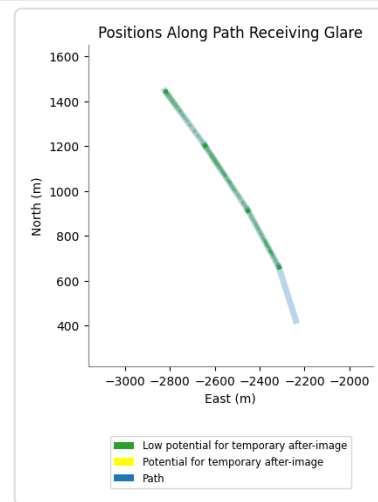
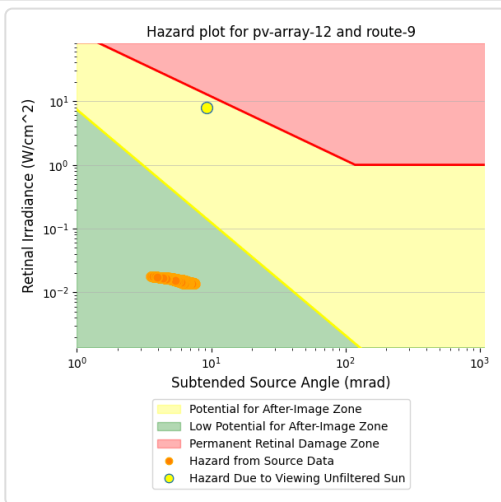
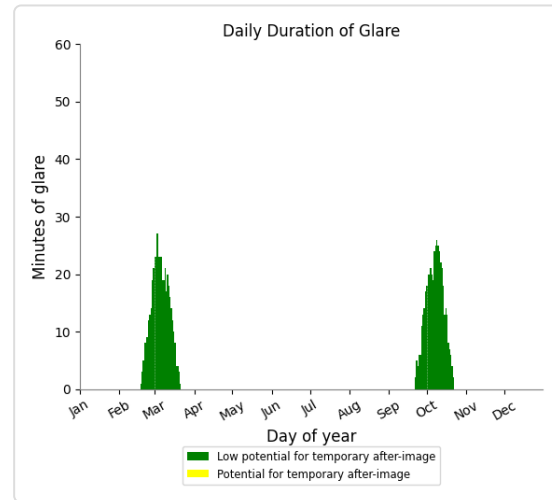
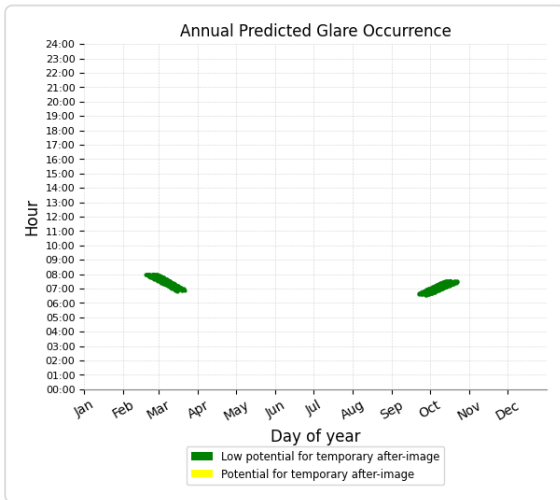
PV array 12 and Route: Route 7

Yellow glare: none
 Green glare: 4,284 min.



PV array 12 and Route: Route 9

Yellow glare: none
Green glare: 889 min.



PV array 12 and Route: Footpath 1

No glare found

PV array 12 and Route: Footpath 3

No glare found

PV array 12 and Route: Footpath 4

No glare found

PV array 12 and Route: Route 1

No glare found

PV array 12 and Route: Route 10

No glare found

PV array 12 and Route: Route 11

No glare found

PV array 12 and Route: Route 14

No glare found

PV array 12 and Route: Route 15

No glare found

PV array 12 and Route: Route 16

No glare found

PV array 12 and Route: Route 2

No glare found

PV array 12 and Route: Route 3

No glare found

PV array 12 and Route: Route 8

No glare found

PV array 12 and FP: FP 1

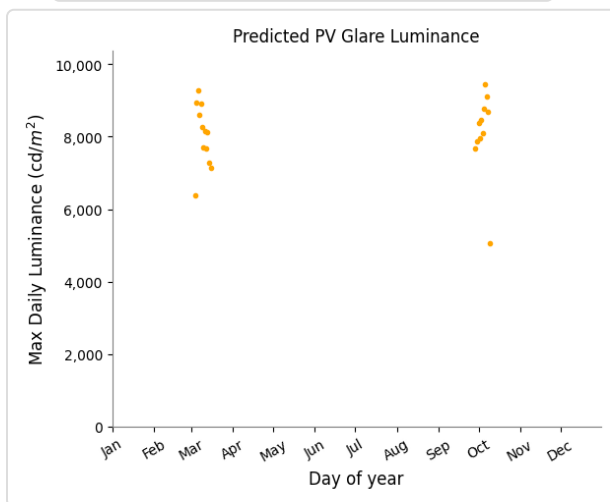
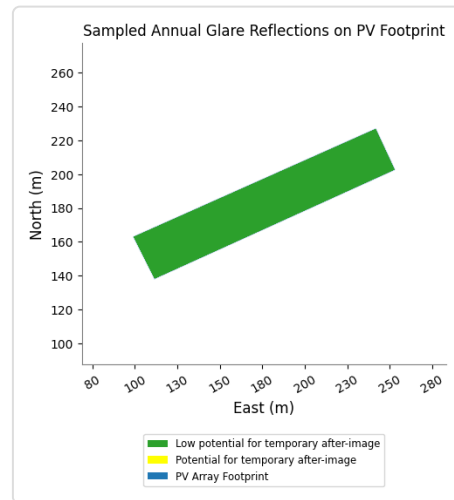
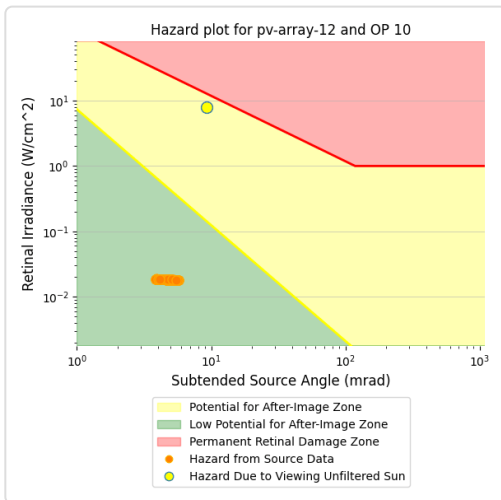
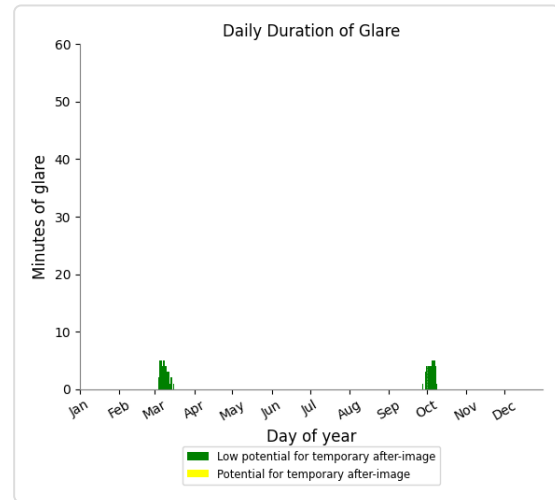
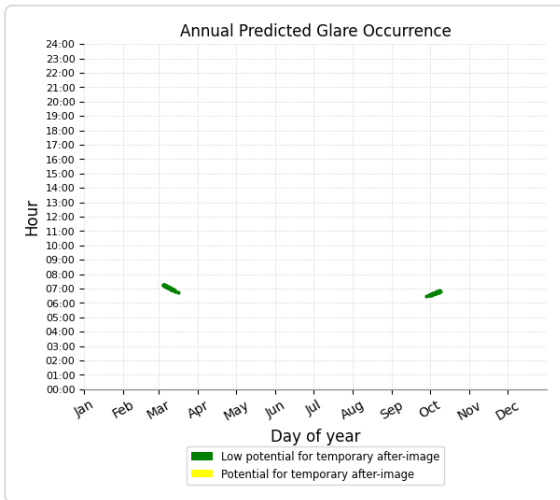
No glare found

PV array 12 and FP: FP 2

No glare found

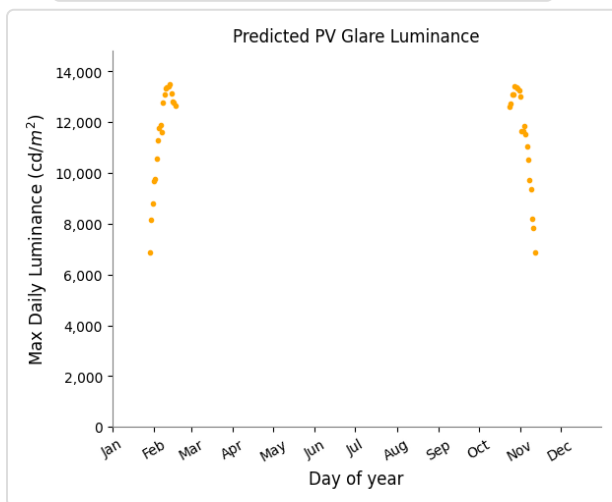
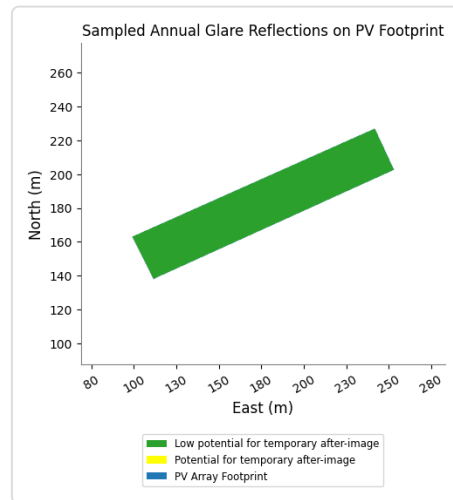
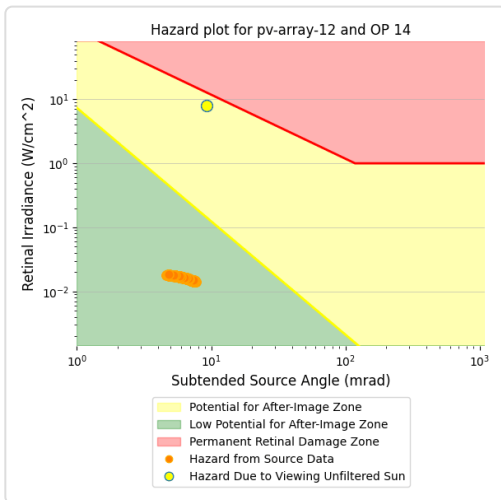
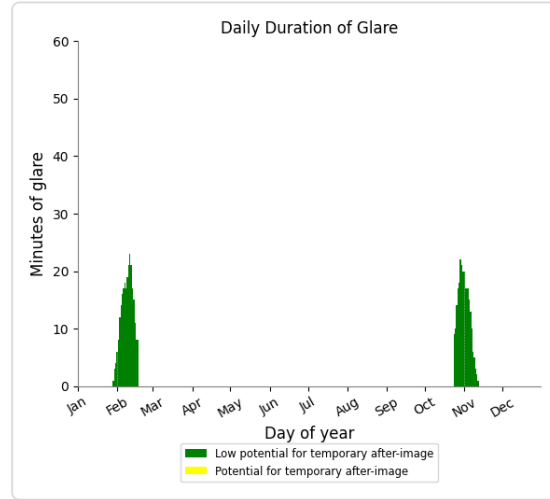
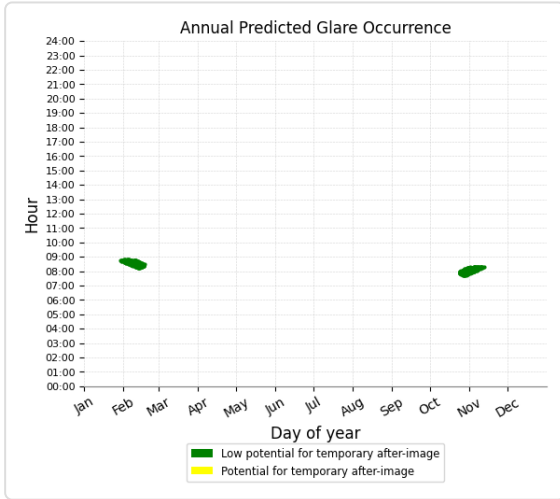
PV array 12 and OP 10

Yellow glare: none
 Green glare: 79 min.



PV array 12 and OP 14

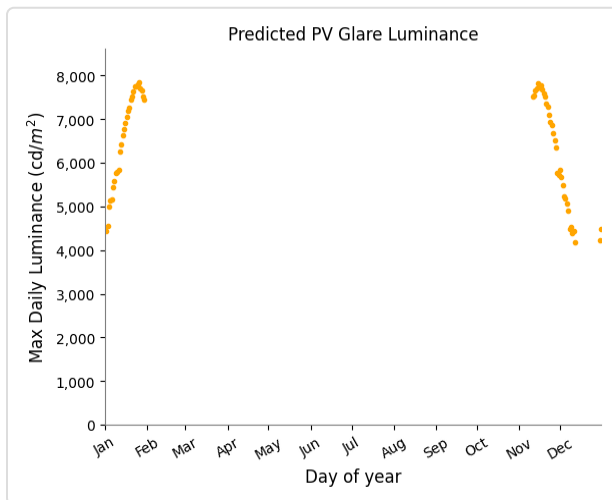
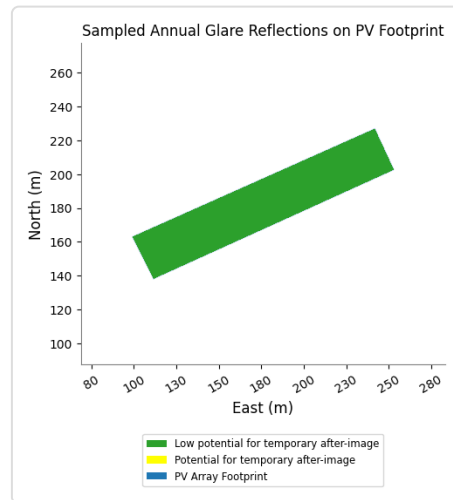
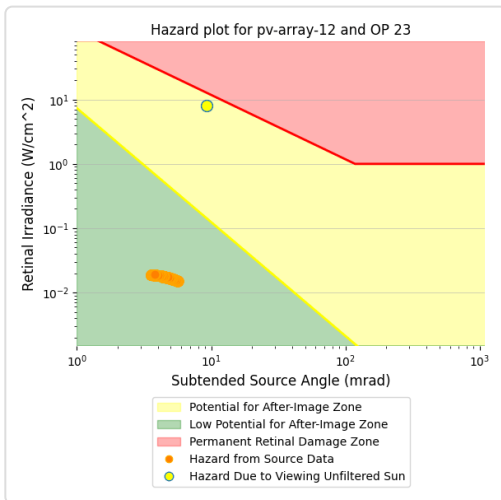
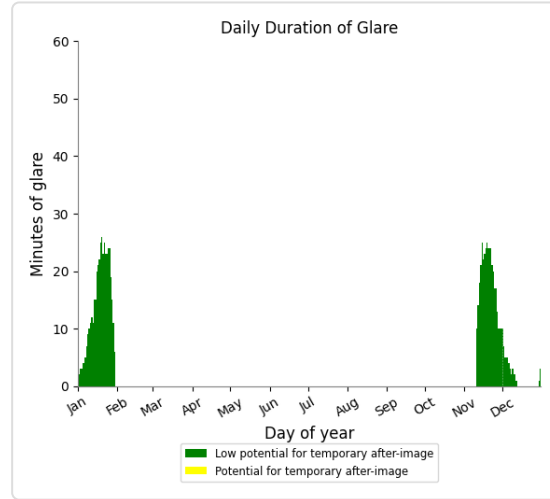
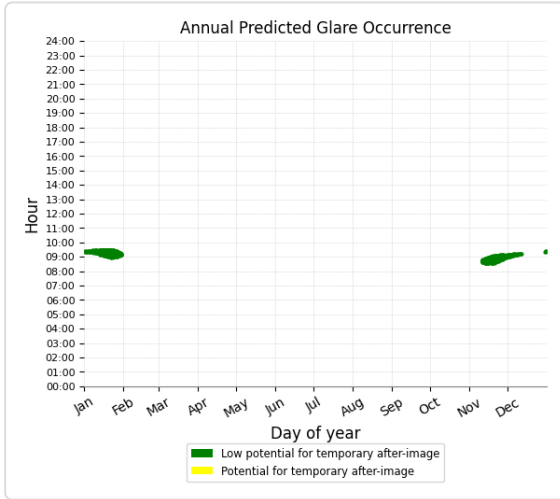
Yellow glare: none
 Green glare: 516 min.



PV array 12 and OP 23

Yellow glare: none

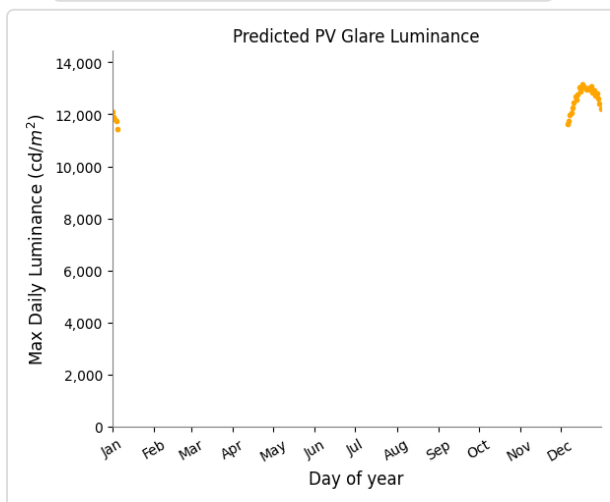
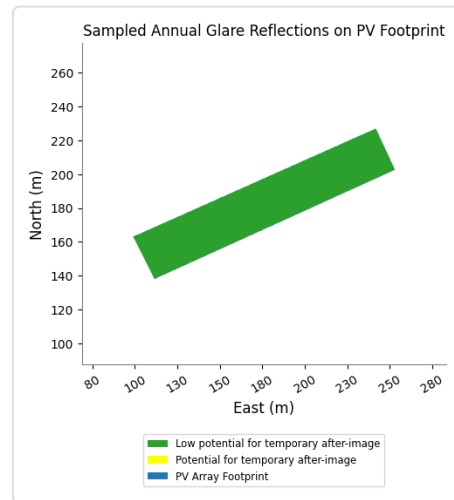
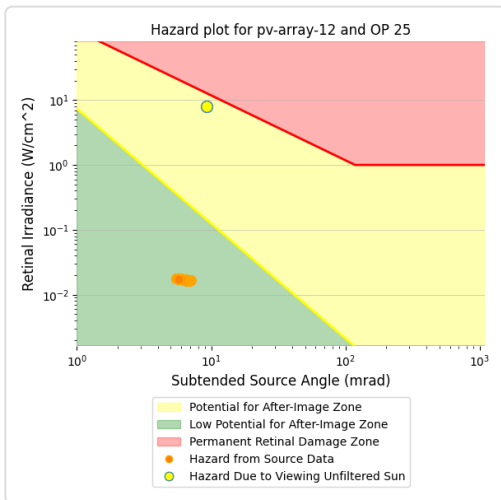
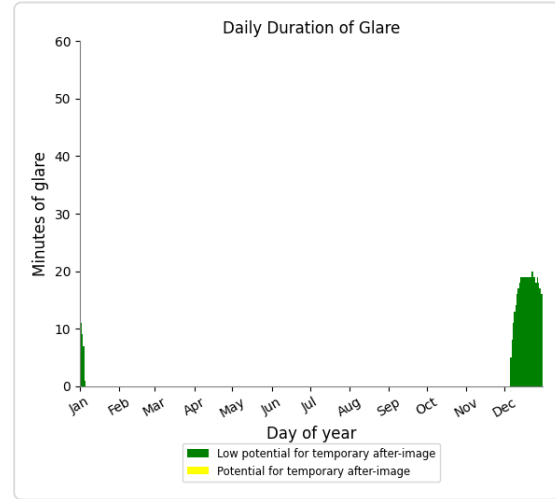
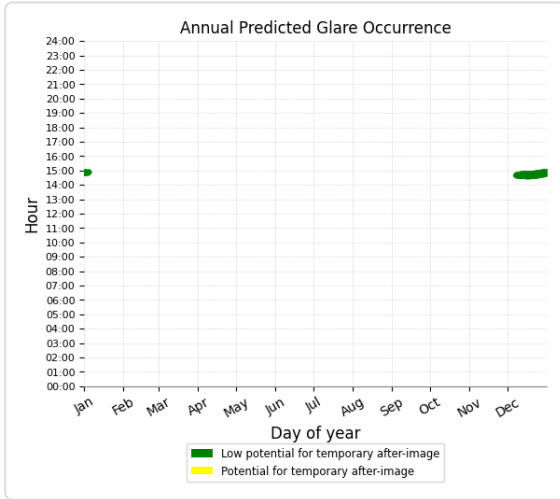
Green glare: 845 min.



PV array 12 and OP 25

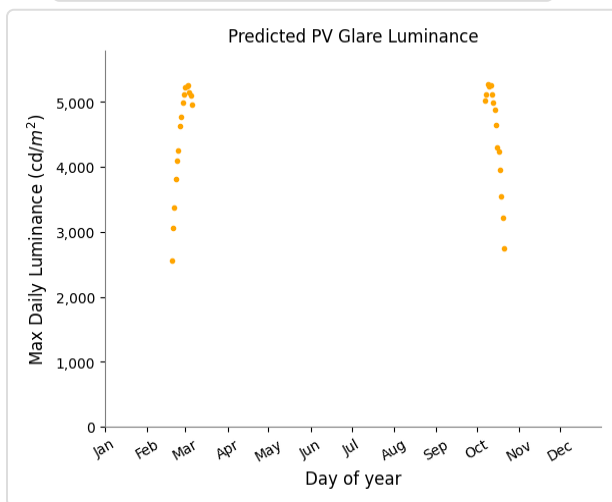
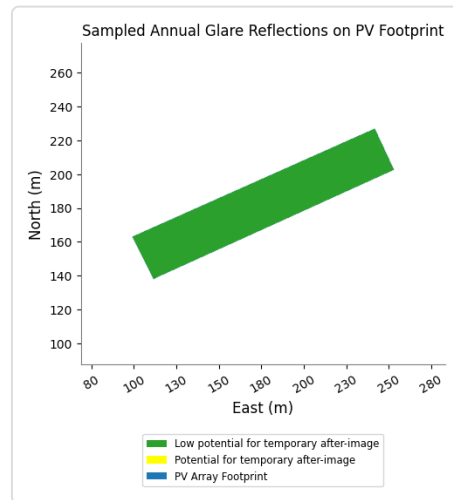
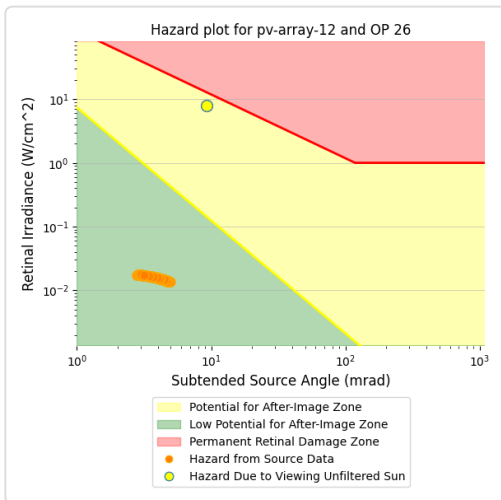
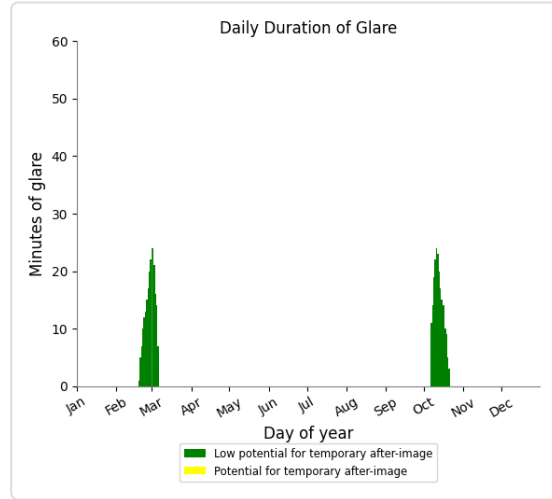
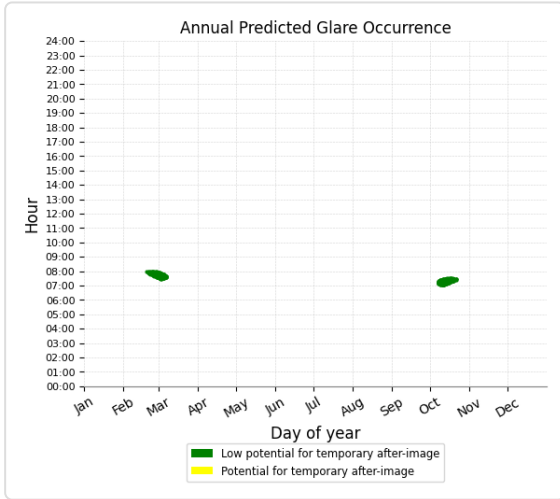
Yellow glare: none

Green glare: 477 min.



PV array 12 and OP 26

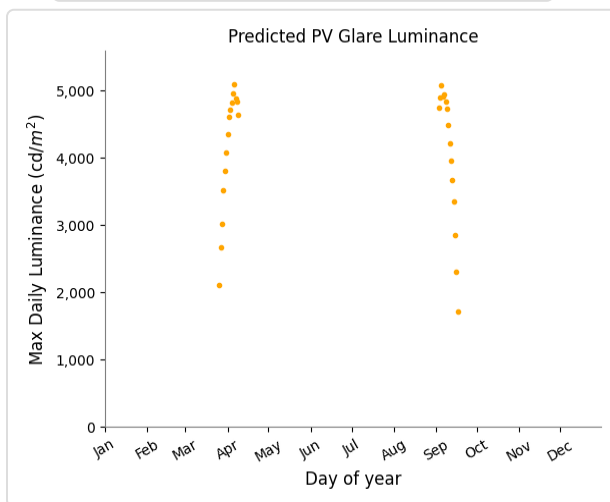
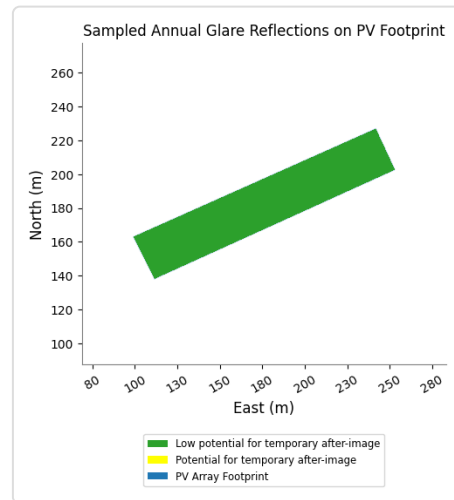
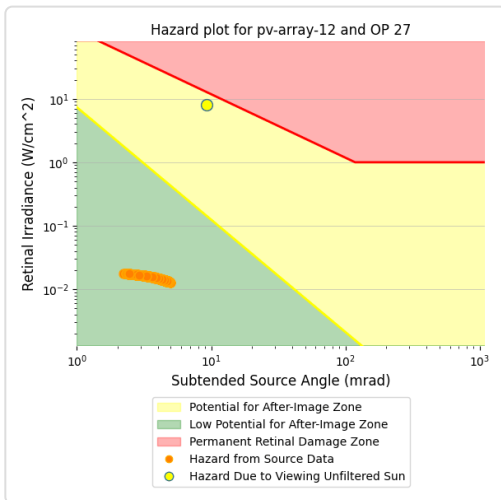
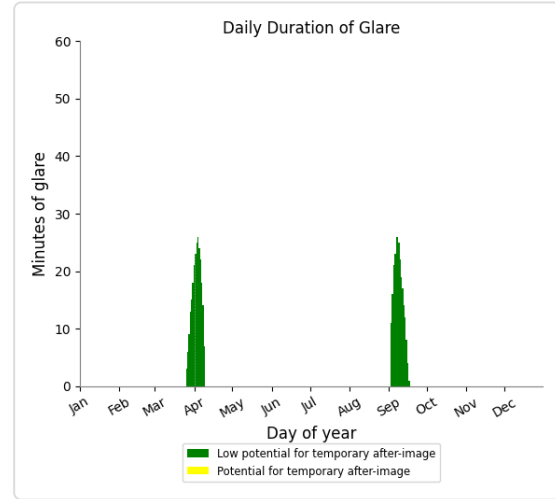
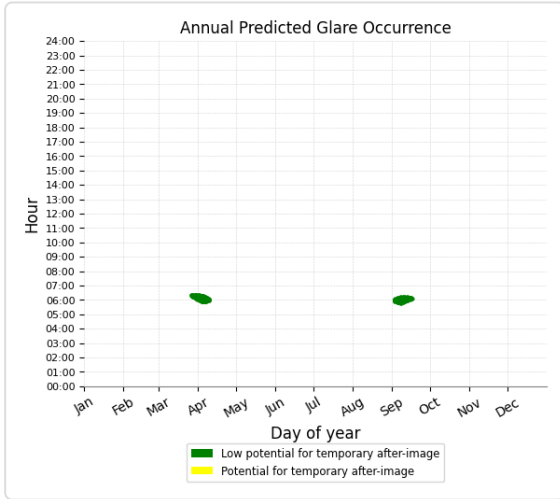
Yellow glare: none
 Green glare: 448 min.



PV array 12 and OP 27

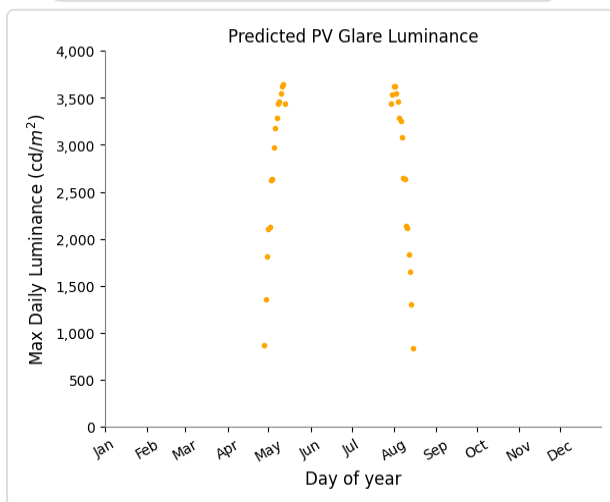
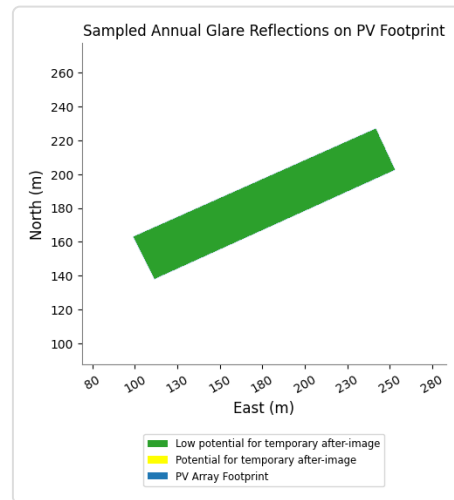
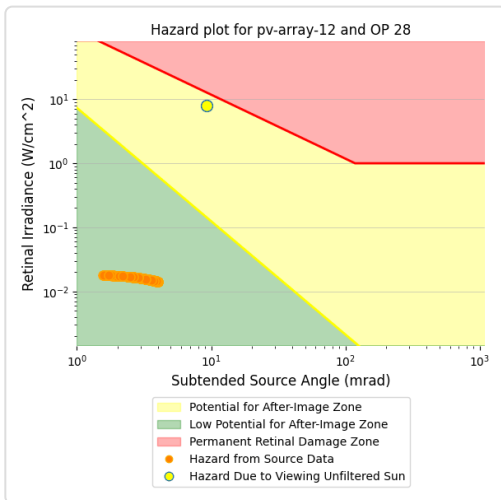
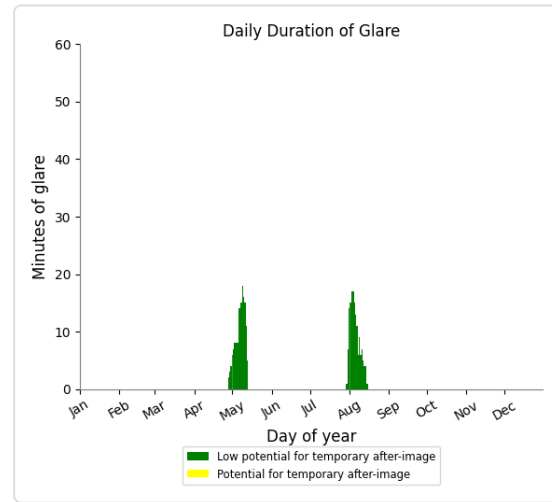
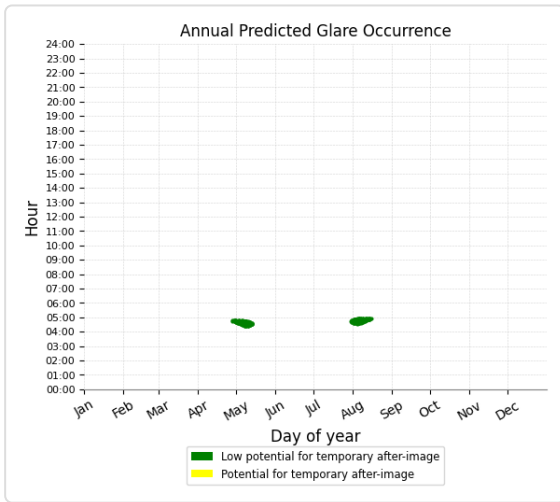
Yellow glare: none

Green glare: 489 min.



PV array 12 and OP 28

Yellow glare: none
Green glare: 306 min.



PV array 12 and OP 1

No glare found

PV array 12 and OP 2

No glare found

PV array 12 and OP 3

No glare found

PV array 12 and OP 4

No glare found

PV array 12 and OP 5

No glare found

PV array 12 and OP 6

No glare found

PV array 12 and OP 7

No glare found

PV array 12 and OP 8

No glare found

PV array 12 and OP 9

No glare found

PV array 12 and OP 11

No glare found

PV array 12 and OP 12

No glare found

PV array 12 and OP 13

No glare found

PV array 12 and OP 15

No glare found

PV array 12 and OP 16

No glare found

PV array 12 and OP 17

No glare found

PV array 12 and OP 18

No glare found

PV array 12 and OP 19

No glare found

PV array 12 and OP 20

No glare found

PV array 12 and OP 21

No glare found

PV array 12 and OP 22

No glare found

PV array 12 and OP 24

No glare found

PV array 12 and OP 29

No glare found

PV array 12 and OP 30

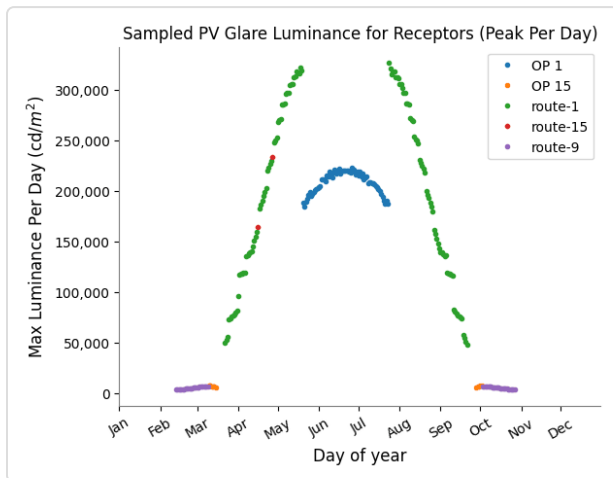
No glare found

PV: PV array 13 potential temporary after-image

Receptor results ordered by category of glare

Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
Route 1	697	11.6	125	2.1	326,670
Route 10	16	0.3	0	0.0	6,175
Route 15	321	5.3	0	0.0	241,660
Route 4	326	5.4	0	0.0	3,362
Route 8	90	1.5	0	0.0	8,747
Route 9	214	3.6	0	0.0	7,181
Footpath 1	0	0.0	0	0.0	0
Footpath 2	0	0.0	0	0.0	0
Footpath 3	0	0.0	0	0.0	0
Footpath 4	0	0.0	0	0.0	0
Route 11	0	0.0	0	0.0	0
Route 12	0	0.0	0	0.0	0
Route 13	0	0.0	0	0.0	0
Route 14	0	0.0	0	0.0	0
Route 16	0	0.0	0	0.0	0
Route 2	0	0.0	0	0.0	0
Route 3	0	0.0	0	0.0	0
Route 5	0	0.0	0	0.0	0
Route 6	0	0.0	0	0.0	0
Route 7	0	0.0	0	0.0	0
FP 1	0	0.0	0	0.0	0
FP 2	0	0.0	0	0.0	0
OP 1	1,291	21.5	0	0.0	222,841
OP 3	39	0.7	0	0.0	29,793
OP 5	99	1.6	0	0.0	27,274
OP 15	95	1.6	0	0.0	7,387
OP 26	45	0.8	0	0.0	2,465
OP 27	305	5.1	0	0.0	3,975
OP 2	0	0.0	0	0.0	0
OP 4	0	0.0	0	0.0	0
OP 6	0	0.0	0	0.0	0
OP 7	0	0.0	0	0.0	0
OP 8	0	0.0	0	0.0	0
OP 9	0	0.0	0	0.0	0
OP 10	0	0.0	0	0.0	0
OP 11	0	0.0	0	0.0	0
OP 12	0	0.0	0	0.0	0
OP 13	0	0.0	0	0.0	0

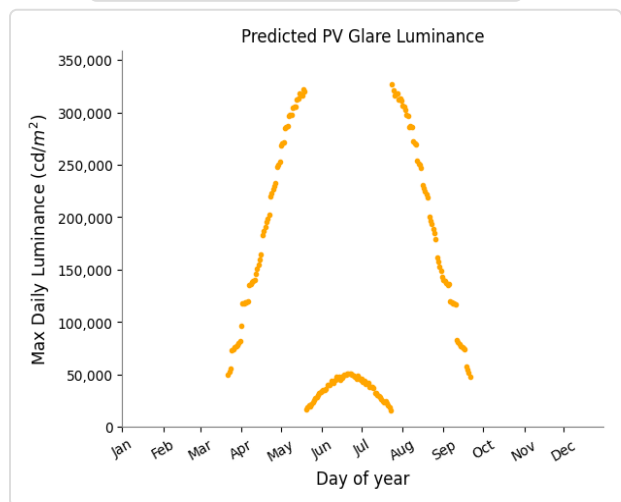
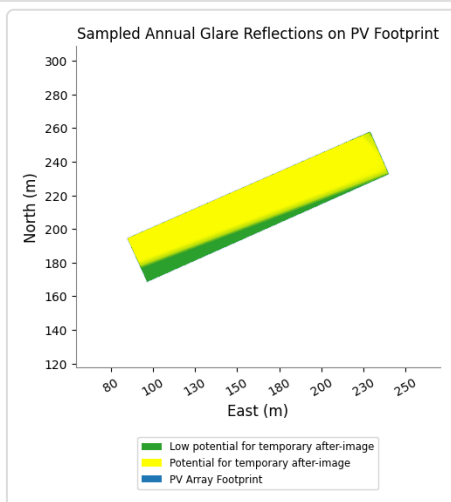
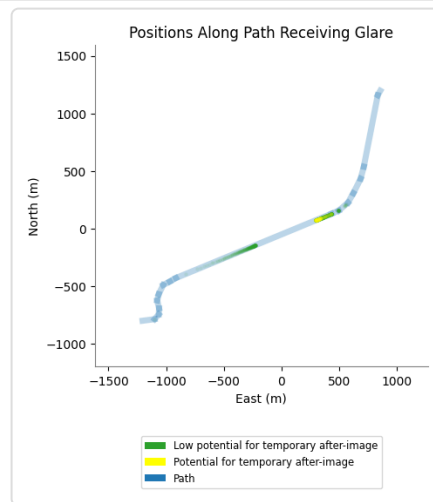
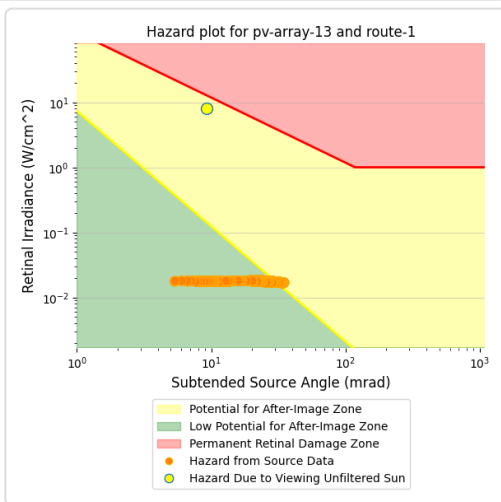
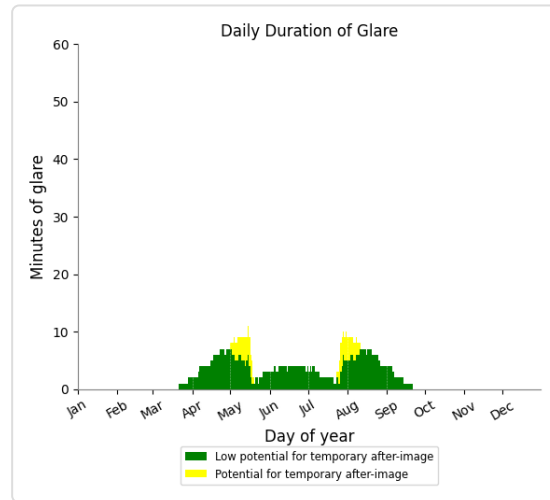
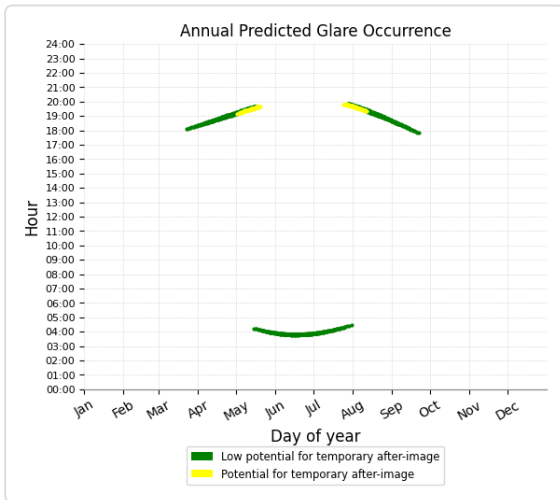
Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
OP 14	0	0.0	0	0.0	0
OP 16	0	0.0	0	0.0	0
OP 17	0	0.0	0	0.0	0
OP 18	0	0.0	0	0.0	0
OP 19	0	0.0	0	0.0	0
OP 20	0	0.0	0	0.0	0
OP 21	0	0.0	0	0.0	0
OP 22	0	0.0	0	0.0	0
OP 23	0	0.0	0	0.0	0
OP 24	0	0.0	0	0.0	0
OP 25	0	0.0	0	0.0	0
OP 28	0	0.0	0	0.0	0
OP 29	0	0.0	0	0.0	0
OP 30	0	0.0	0	0.0	0



PV array 13 and Route: Route 1

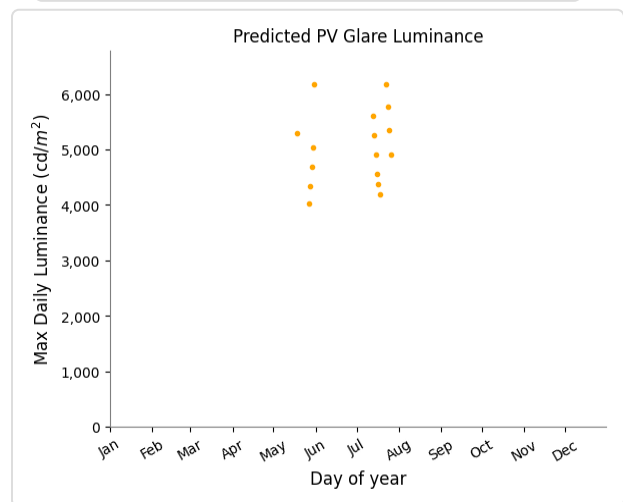
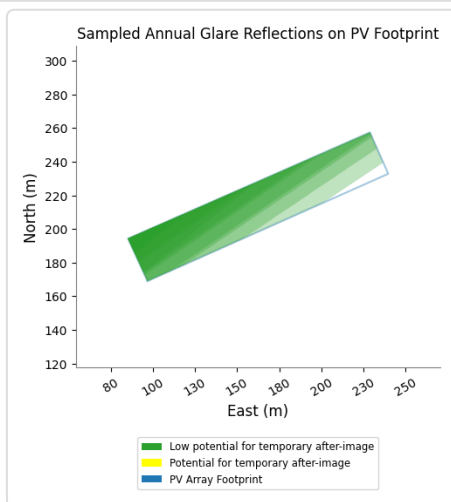
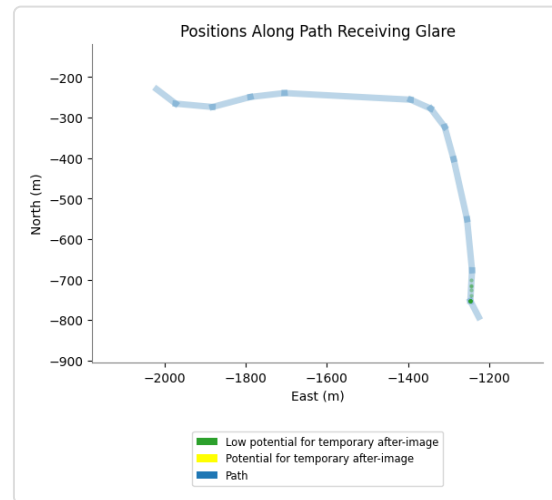
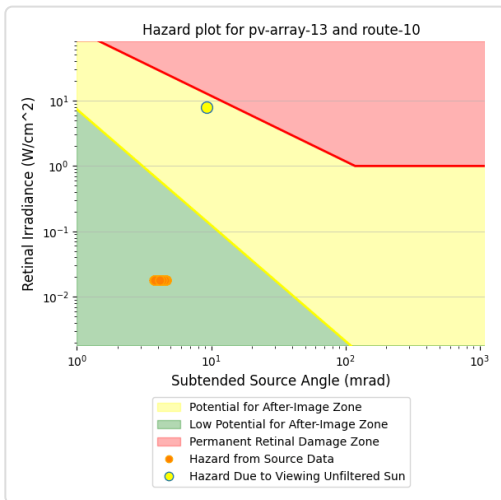
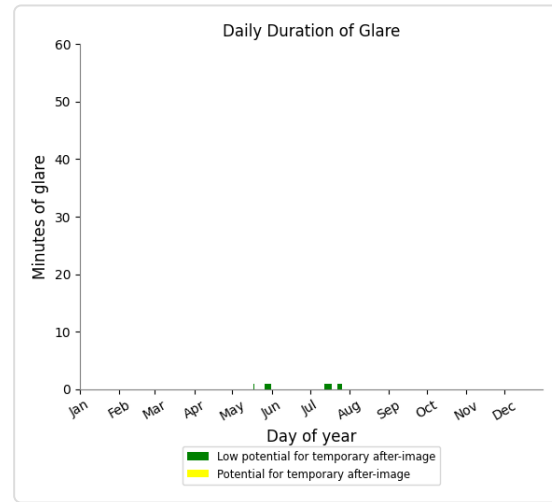
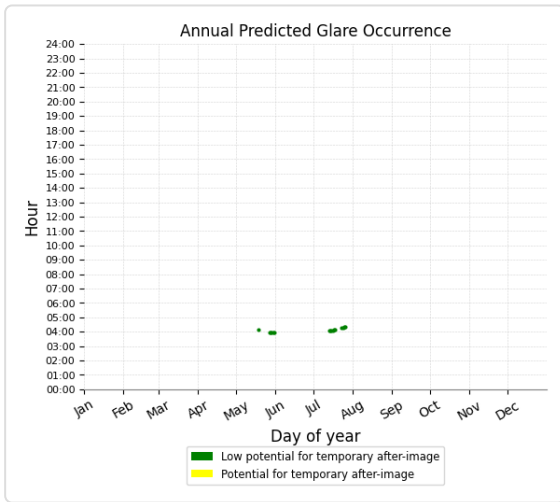
Yellow glare: 125 min.

Green glare: 697 min.



PV array 13 and Route: Route 10

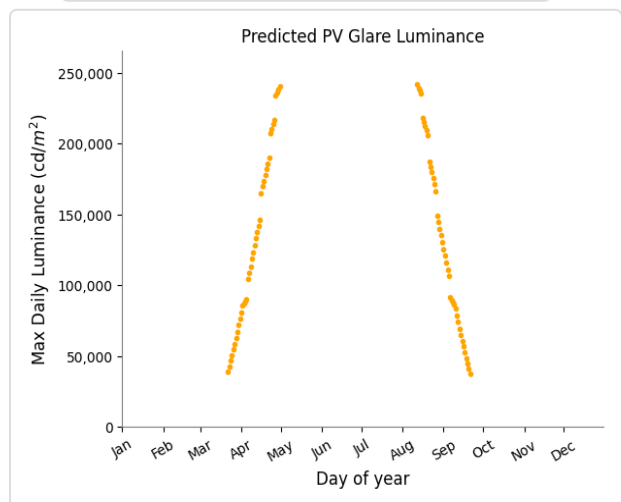
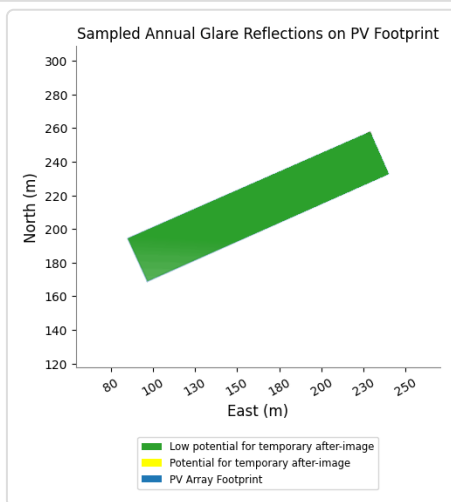
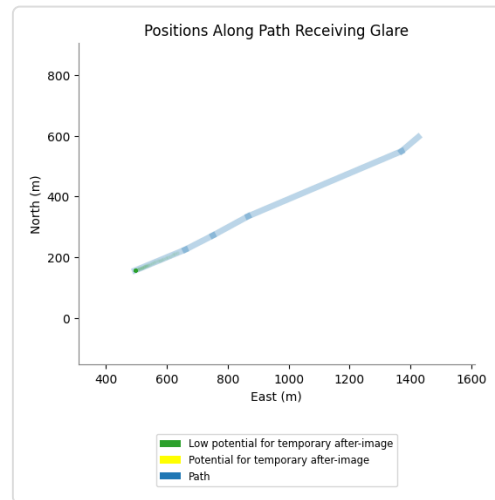
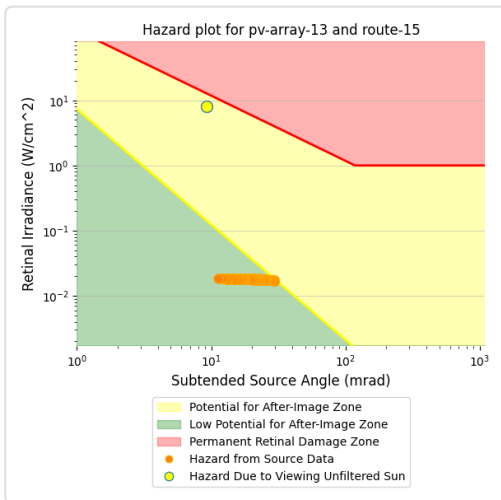
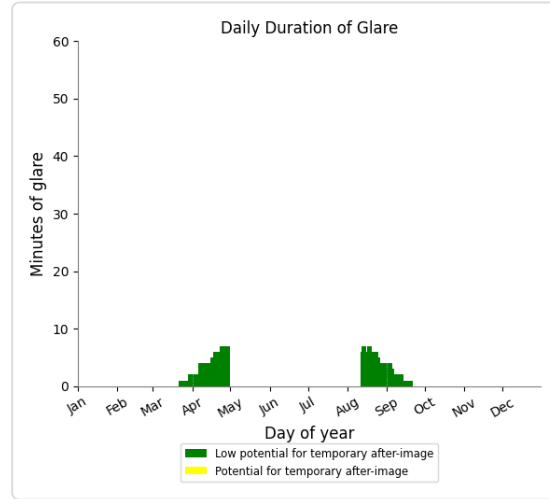
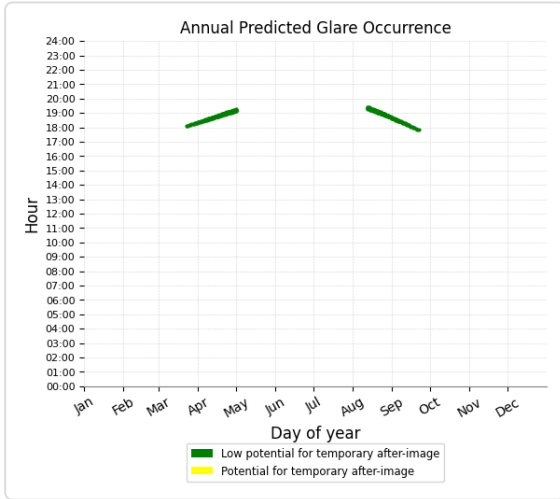
Yellow glare: none
 Green glare: 16 min.



PV array 13 and Route: Route 15

Yellow glare: none

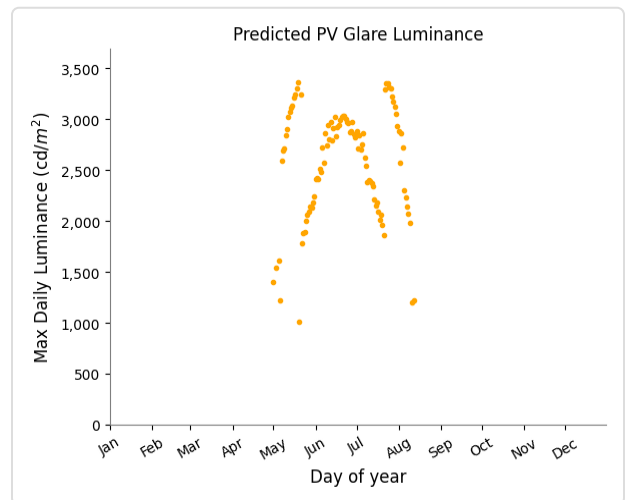
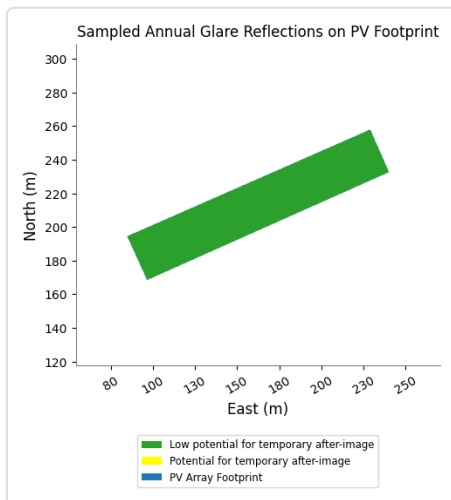
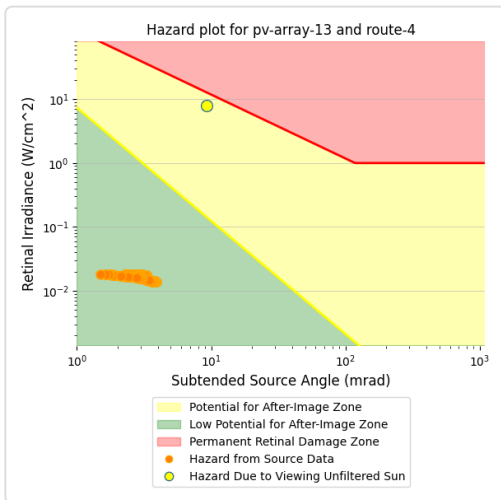
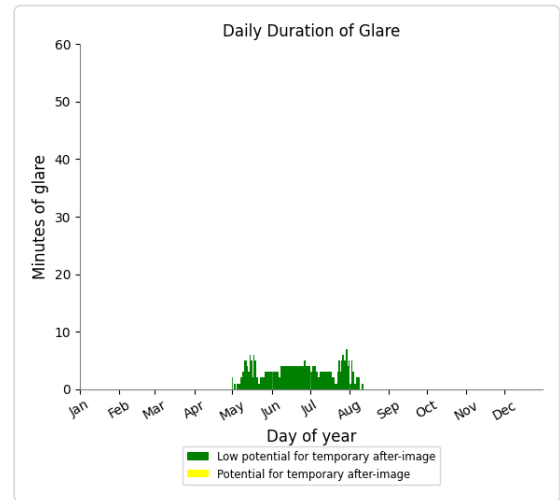
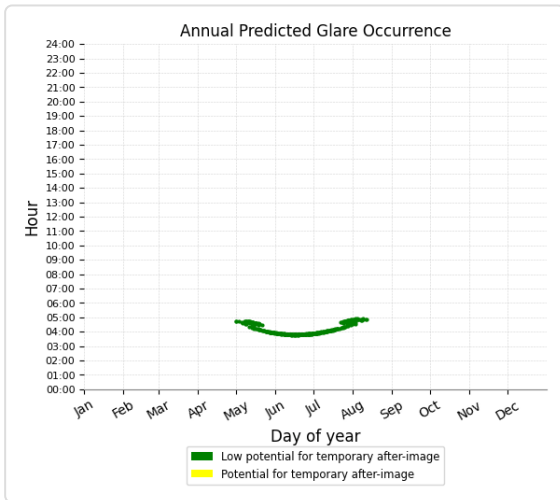
Green glare: 321 min.



PV array 13 and Route: Route 4

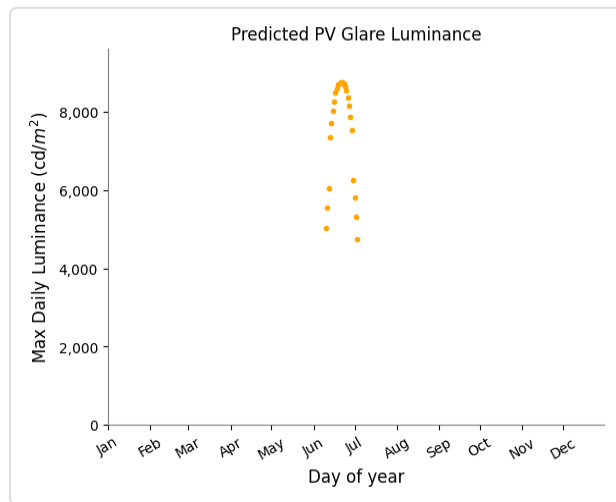
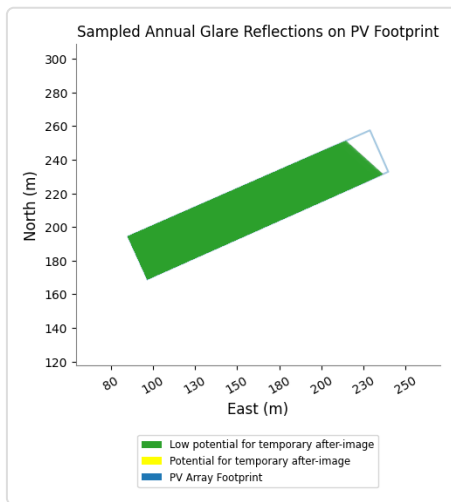
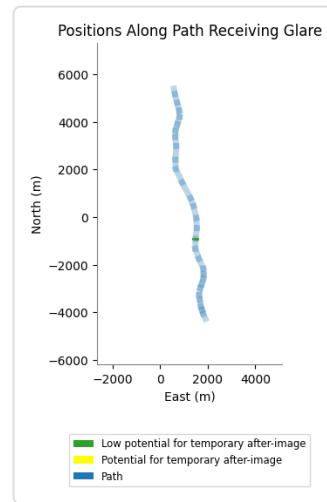
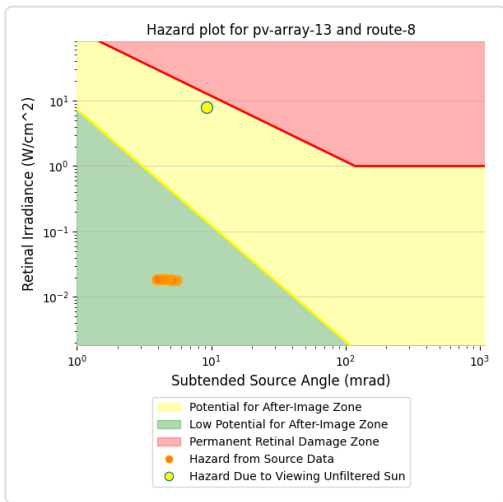
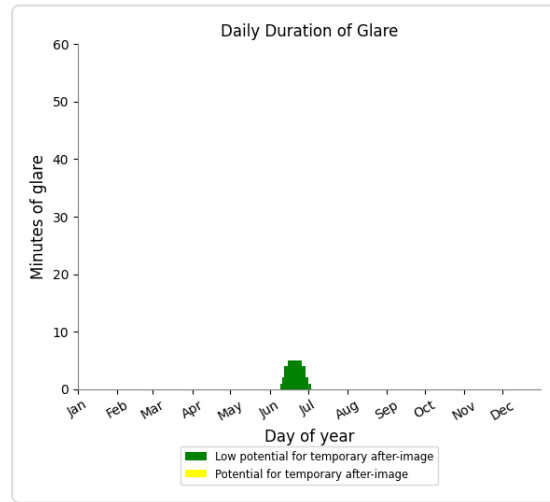
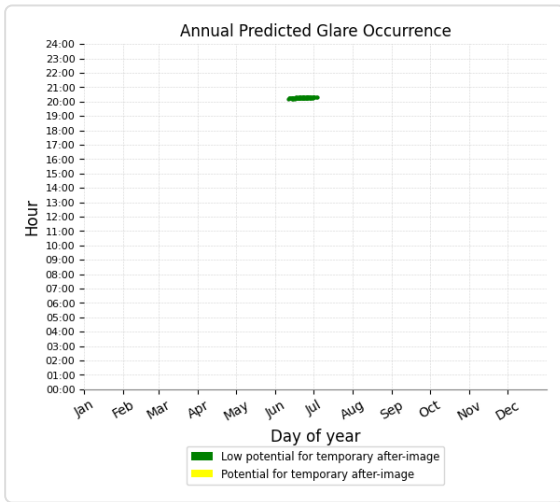
Yellow glare: none

Green glare: 326 min.



PV array 13 and Route: Route 8

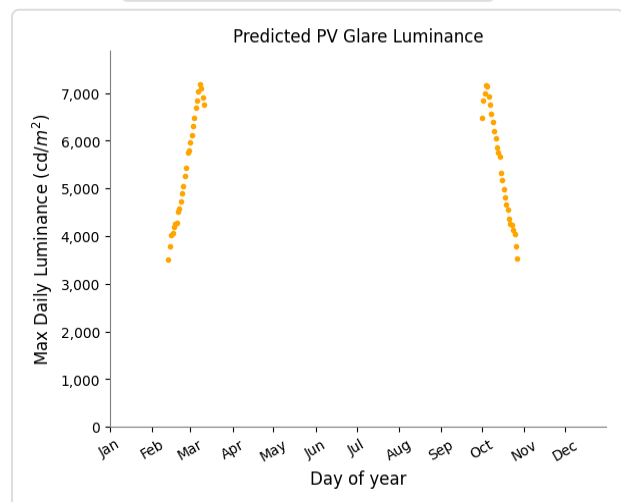
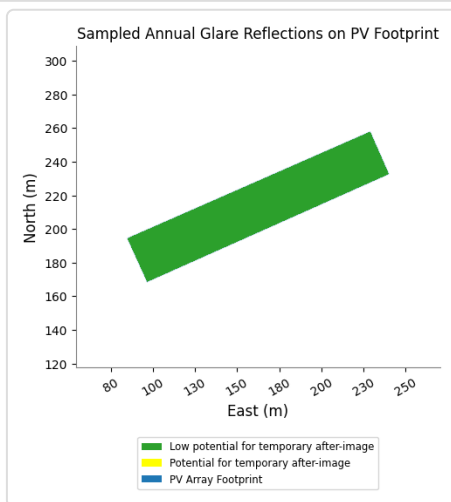
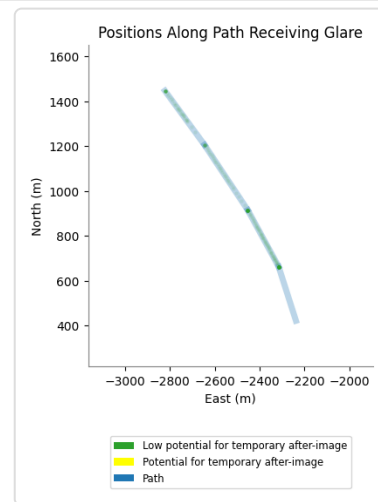
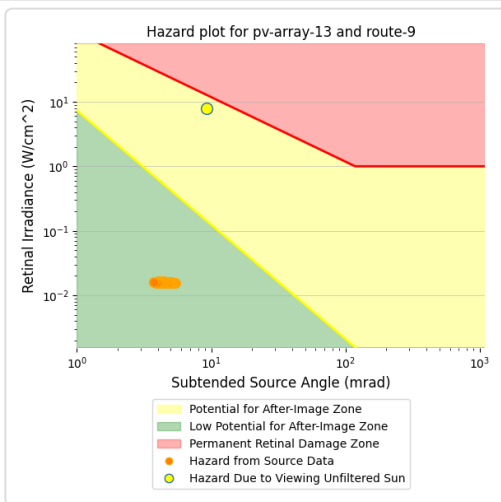
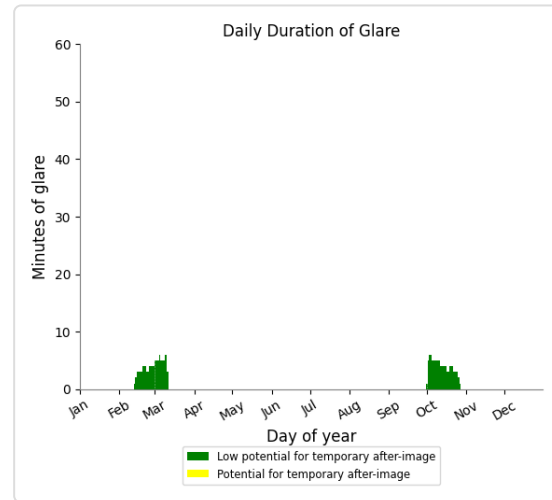
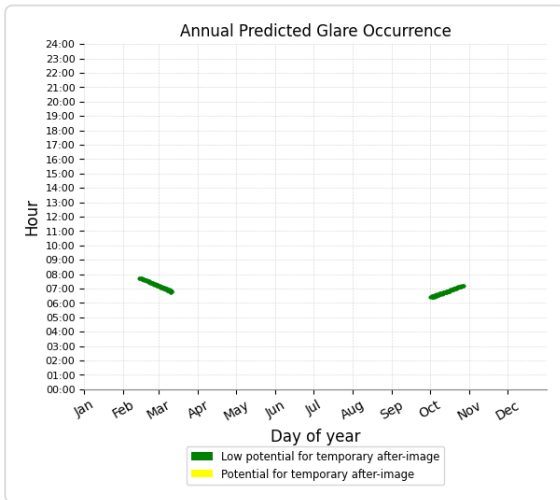
Yellow glare: none
 Green glare: 90 min.



PV array 13 and Route: Route 9

Yellow glare: none

Green glare: 214 min.



PV array 13 and Route: Footpath 1

No glare found

PV array 13 and Route: Footpath 2

No glare found

PV array 13 and Route: Footpath 3

No glare found

PV array 13 and Route: Footpath 4

No glare found

PV array 13 and Route: Route 11

No glare found

PV array 13 and Route: Route 12

No glare found

PV array 13 and Route: Route 13

No glare found

PV array 13 and Route: Route 14

No glare found

PV array 13 and Route: Route 16

No glare found

PV array 13 and Route: Route 2

No glare found

PV array 13 and Route: Route 3

No glare found

PV array 13 and Route: Route 5

No glare found

PV array 13 and Route: Route 6

No glare found

PV array 13 and Route: Route 7

No glare found

PV array 13 and FP: FP 1

No glare found

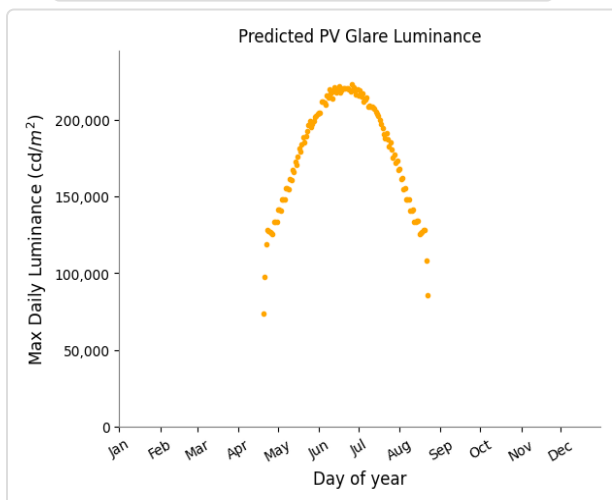
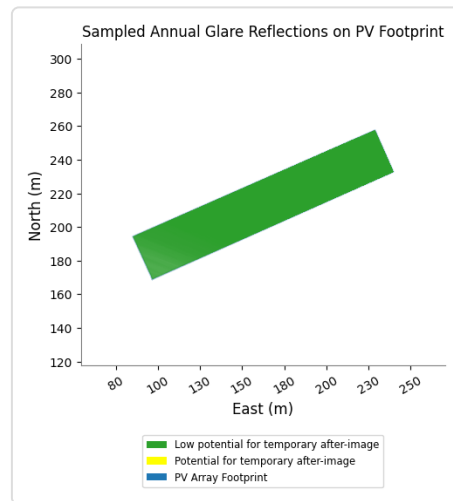
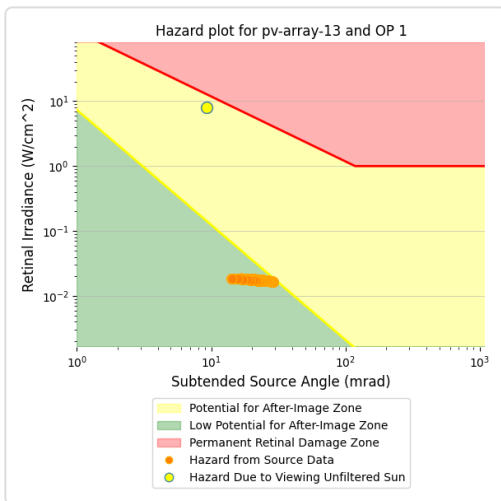
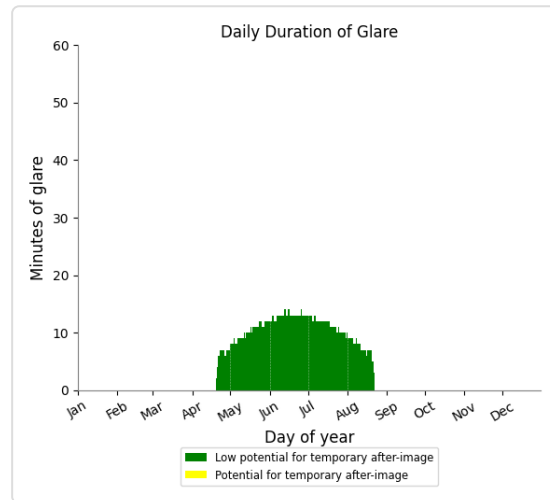
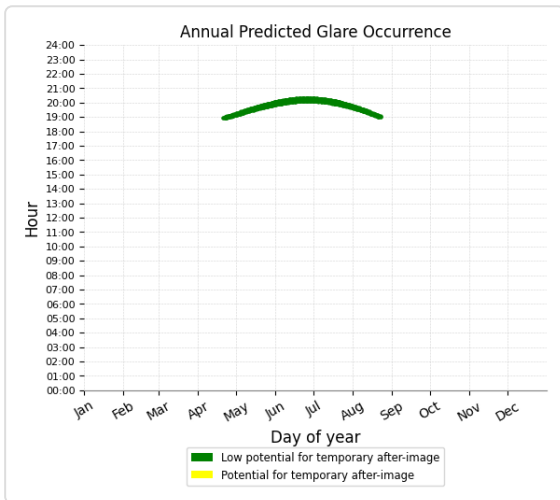
PV array 13 and FP: FP 2

No glare found

PV array 13 and OP 1

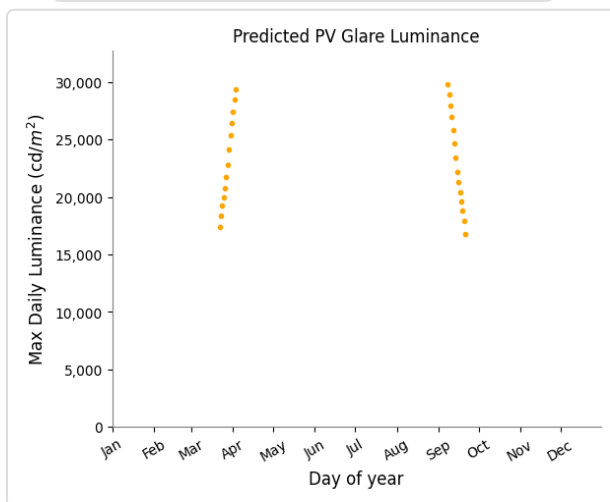
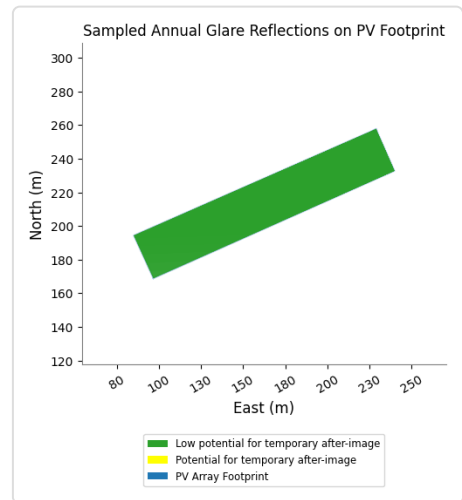
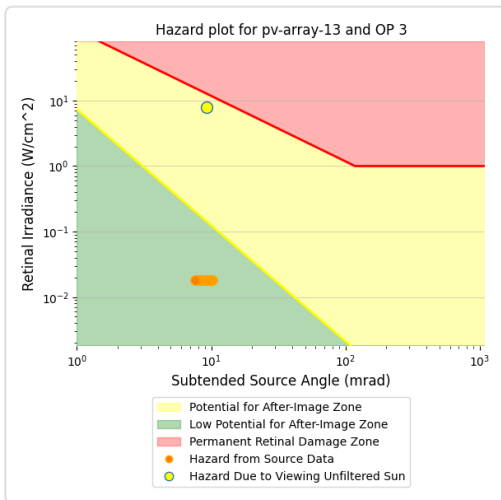
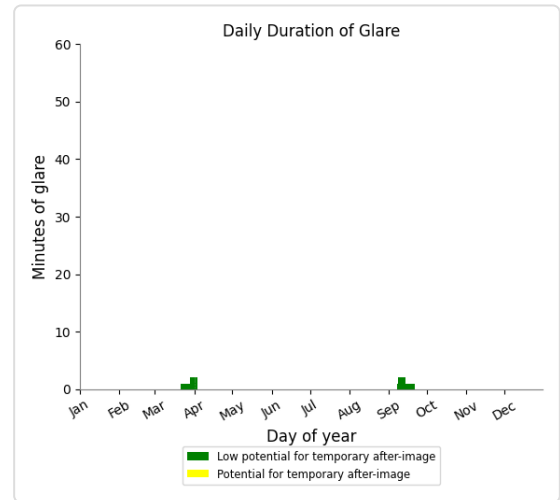
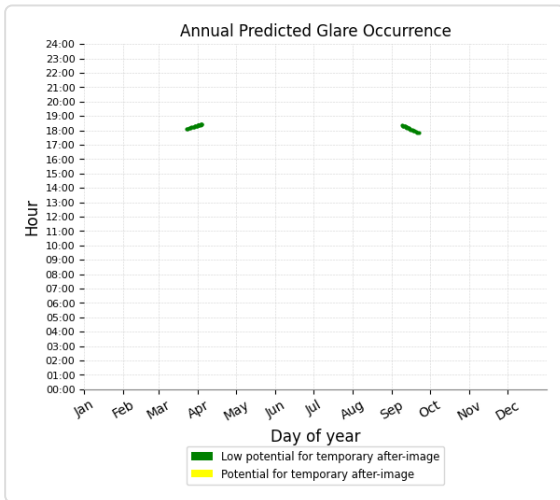
Yellow glare: none

Green glare: 1,291 min.



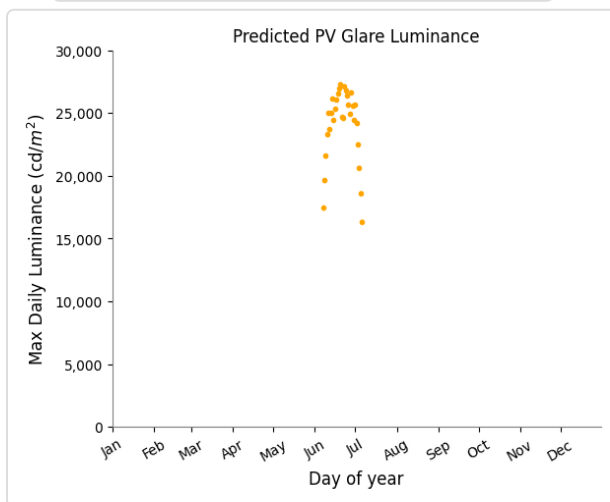
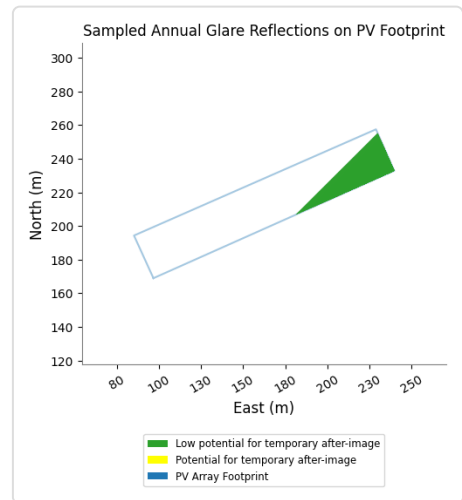
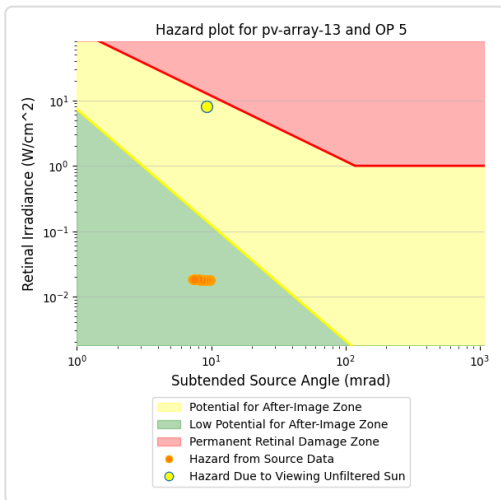
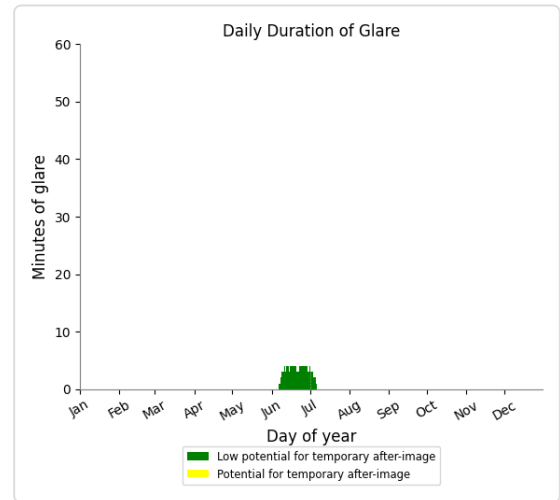
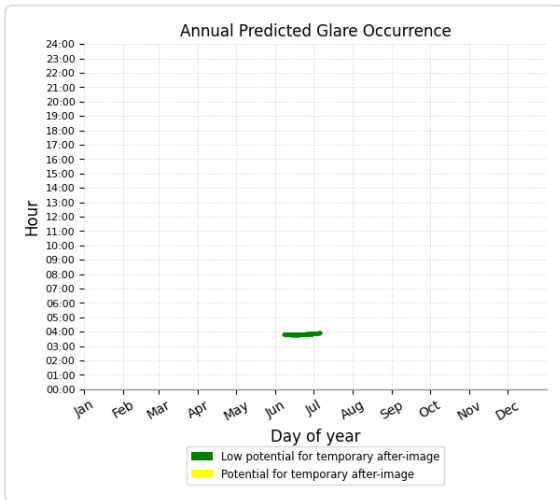
PV array 13 and OP 3

Yellow glare: none
 Green glare: 39 min.



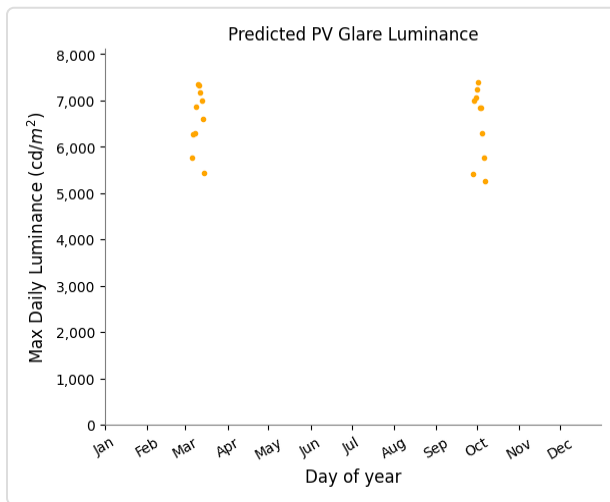
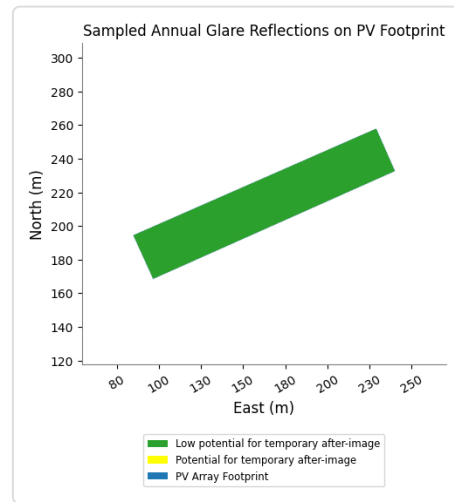
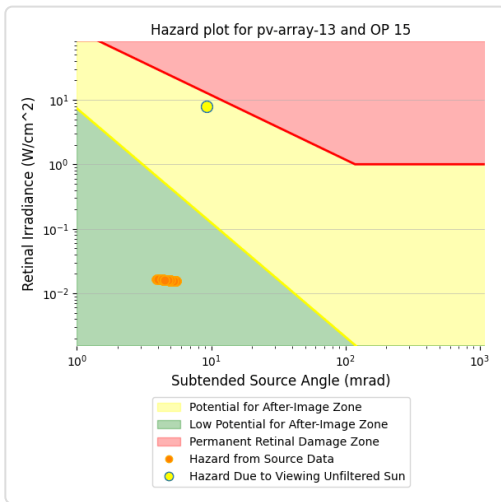
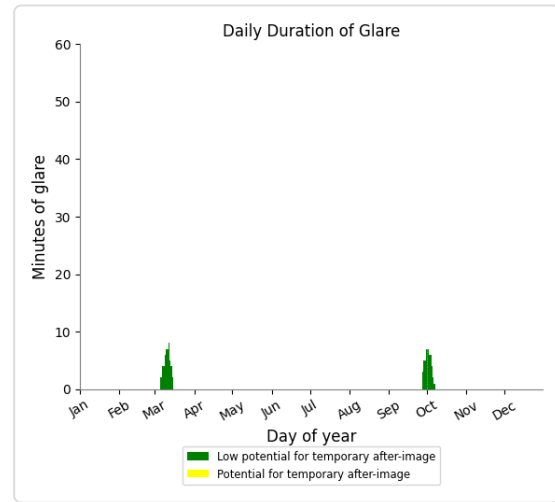
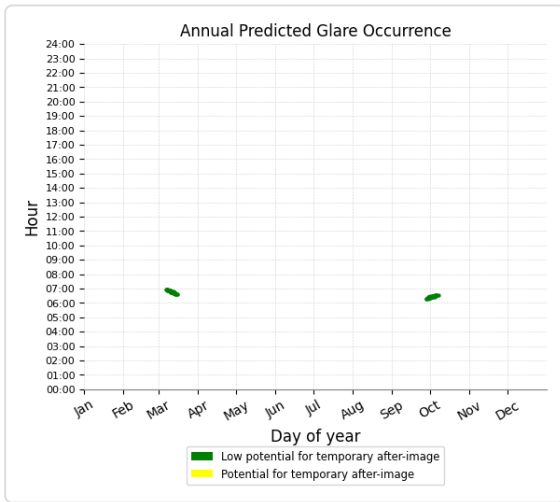
PV array 13 and OP 5

Yellow glare: none
 Green glare: 99 min.



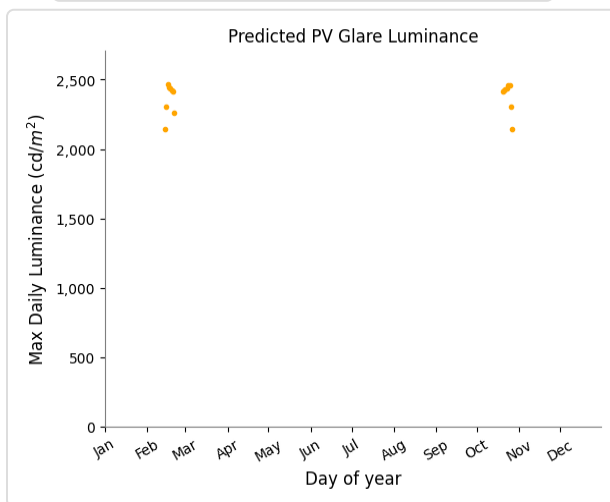
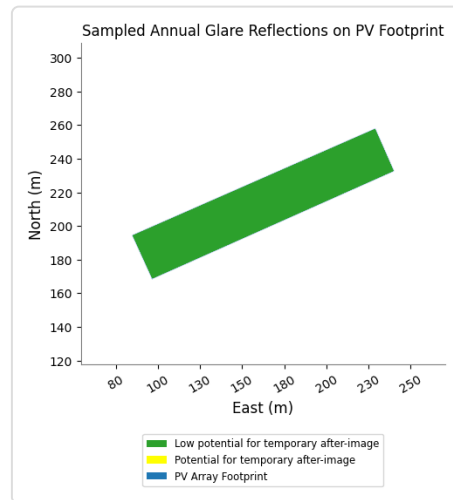
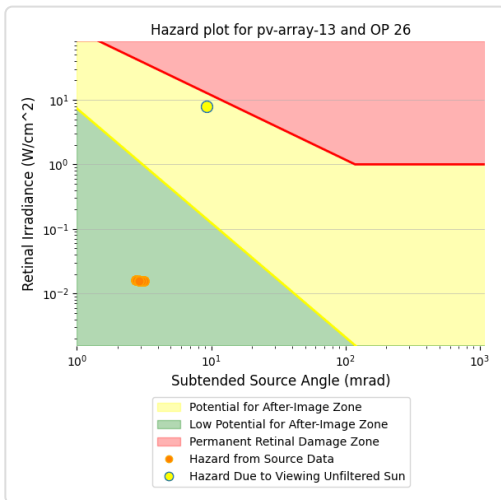
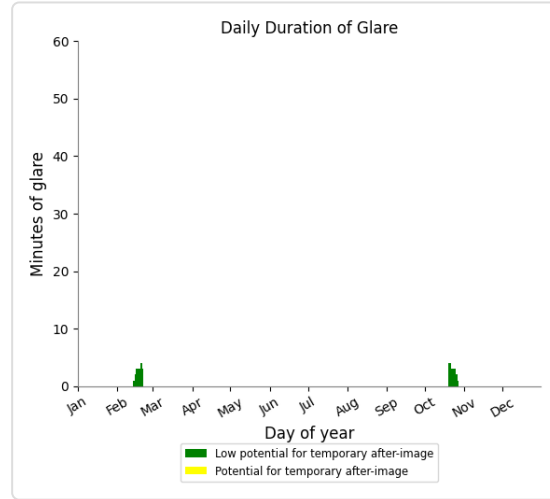
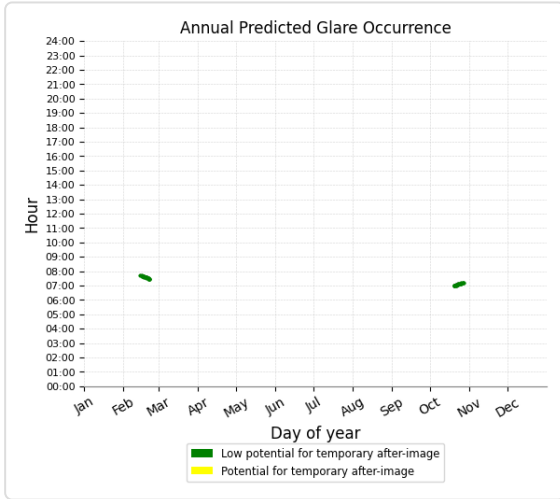
PV array 13 and OP 15

Yellow glare: none
 Green glare: 95 min.



PV array 13 and OP 26

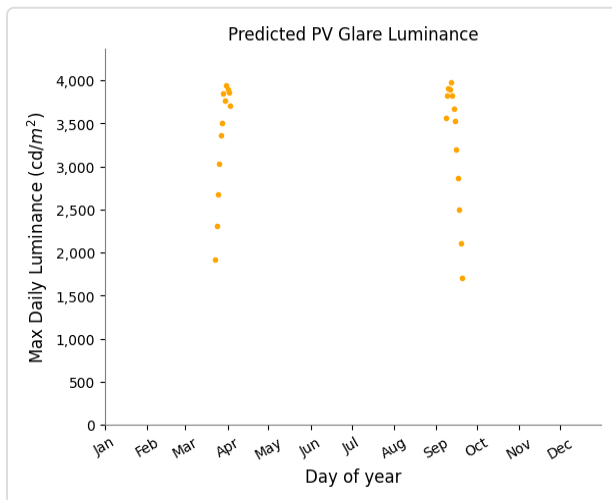
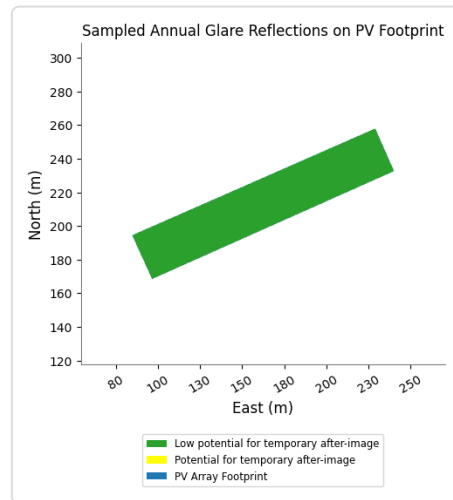
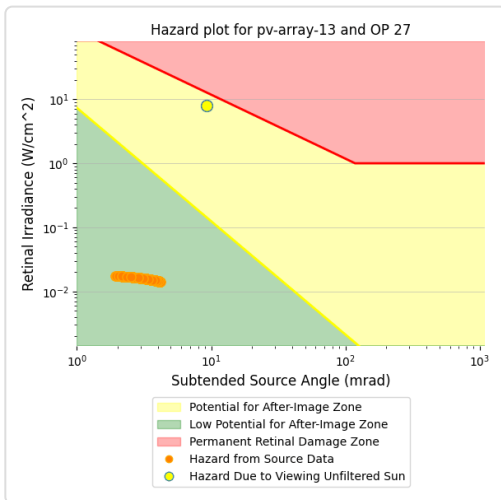
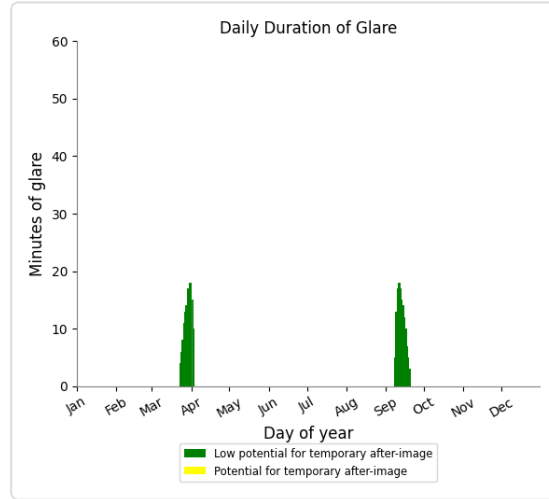
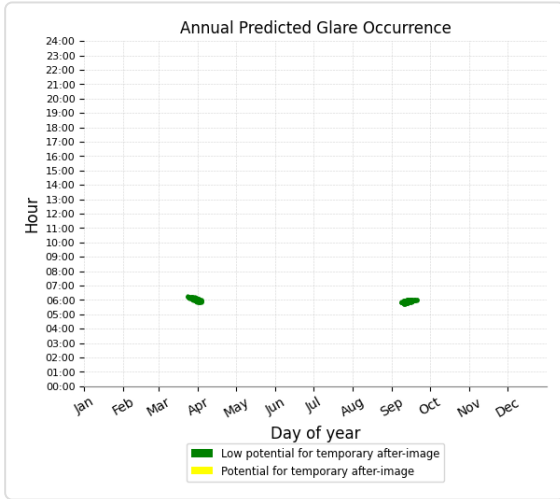
Yellow glare: none
 Green glare: 45 min.



PV array 13 and OP 27

Yellow glare: none

Green glare: 305 min.



PV array 13 and OP 2

No glare found

PV array 13 and OP 4

No glare found

PV array 13 and OP 6

No glare found

PV array 13 and OP 7

No glare found

PV array 13 and OP 8

No glare found

PV array 13 and OP 9

No glare found

PV array 13 and OP 10

No glare found

PV array 13 and OP 11

No glare found

PV array 13 and OP 12

No glare found

PV array 13 and OP 13

No glare found

PV array 13 and OP 14

No glare found

PV array 13 and OP 16

No glare found

PV array 13 and OP 17

No glare found

PV array 13 and OP 18

No glare found

PV array 13 and OP 19

No glare found

PV array 13 and OP 20

No glare found

PV array 13 and OP 21

No glare found

PV array 13 and OP 22

No glare found

PV array 13 and OP 23

No glare found

PV array 13 and OP 24

No glare found

PV array 13 and OP 25

No glare found

PV array 13 and OP 28

No glare found

PV array 13 and OP 29

No glare found

PV array 13 and OP 30

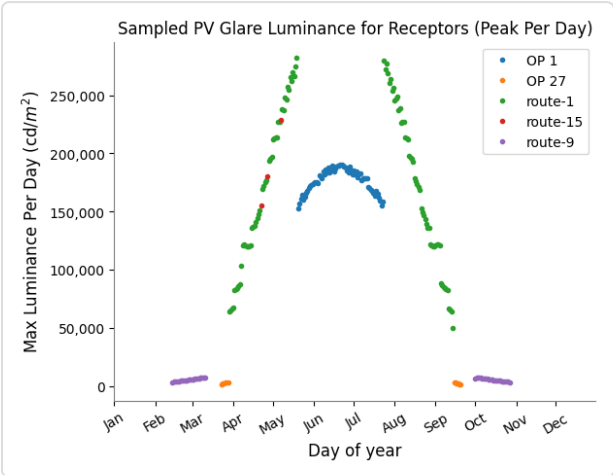
No glare found

PV: PV array 14 potential temporary after-image

Receptor results ordered by category of glare

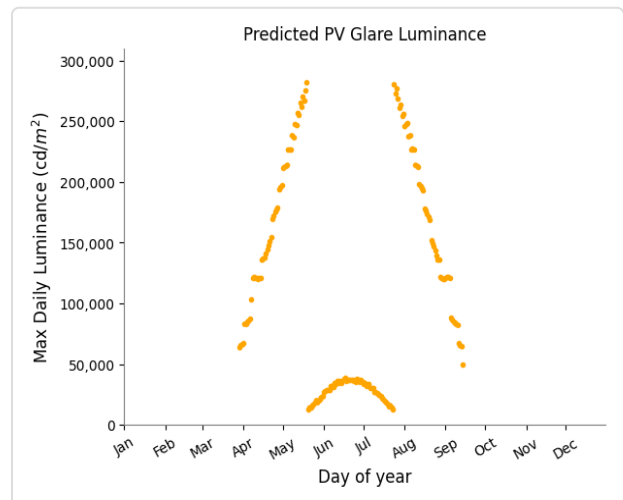
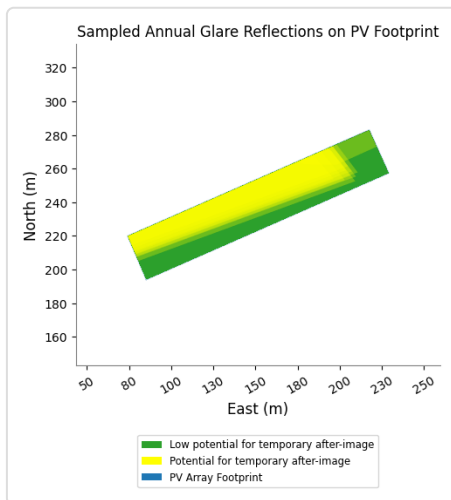
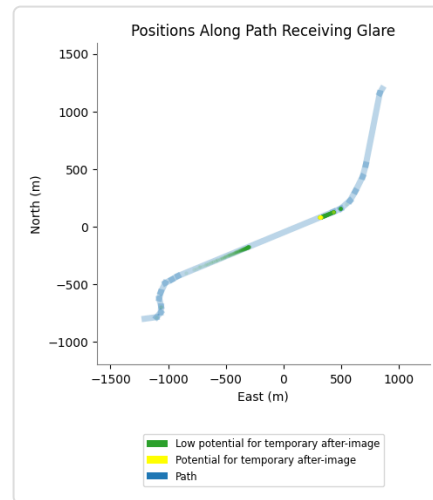
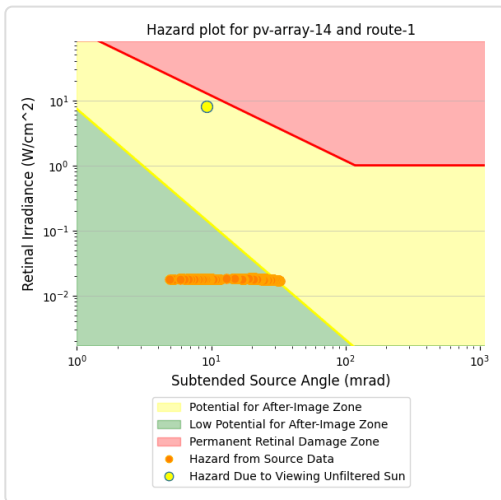
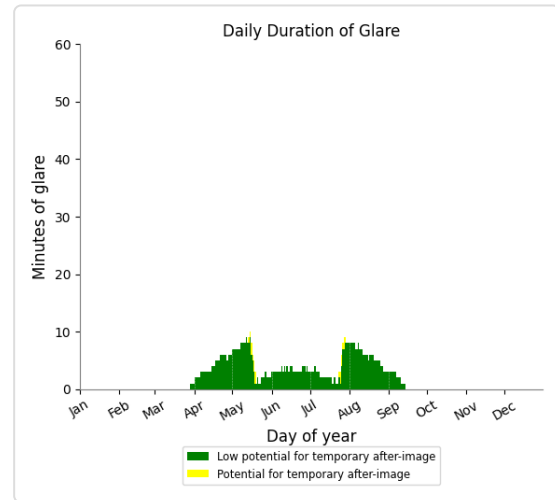
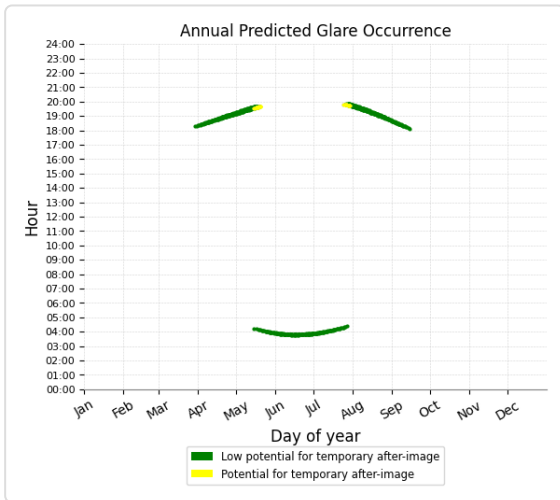
Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
Route 1	683	11.4	18	0.3	281,892
Route 10	70	1.2	0	0.0	7,293
Route 15	360	6.0	0	0.0	228,524
Route 4	186	3.1	0	0.0	2,944
Route 8	90	1.5	0	0.0	8,589
Route 9	158	2.6	0	0.0	7,418
Footpath 1	0	0.0	0	0.0	0
Footpath 2	0	0.0	0	0.0	0
Footpath 3	0	0.0	0	0.0	0
Footpath 4	0	0.0	0	0.0	0
Route 11	0	0.0	0	0.0	0
Route 12	0	0.0	0	0.0	0
Route 13	0	0.0	0	0.0	0
Route 14	0	0.0	0	0.0	0
Route 16	0	0.0	0	0.0	0
Route 2	0	0.0	0	0.0	0
Route 3	0	0.0	0	0.0	0
Route 5	0	0.0	0	0.0	0
Route 6	0	0.0	0	0.0	0
Route 7	0	0.0	0	0.0	0
FP 1	0	0.0	0	0.0	0
FP 2	0	0.0	0	0.0	0
OP 1	1,090	18.2	0	0.0	189,984
OP 3	30	0.5	0	0.0	30,569
OP 26	46	0.8	0	0.0	2,533
OP 27	312	5.2	0	0.0	4,062
OP 2	0	0.0	0	0.0	0
OP 4	0	0.0	0	0.0	0
OP 5	0	0.0	0	0.0	0
OP 6	0	0.0	0	0.0	0
OP 7	0	0.0	0	0.0	0
OP 8	0	0.0	0	0.0	0
OP 9	0	0.0	0	0.0	0
OP 10	0	0.0	0	0.0	0
OP 11	0	0.0	0	0.0	0
OP 12	0	0.0	0	0.0	0
OP 13	0	0.0	0	0.0	0
OP 14	0	0.0	0	0.0	0

Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
OP 15	0	0.0	0	0.0	0
OP 16	0	0.0	0	0.0	0
OP 17	0	0.0	0	0.0	0
OP 18	0	0.0	0	0.0	0
OP 19	0	0.0	0	0.0	0
OP 20	0	0.0	0	0.0	0
OP 21	0	0.0	0	0.0	0
OP 22	0	0.0	0	0.0	0
OP 23	0	0.0	0	0.0	0
OP 24	0	0.0	0	0.0	0
OP 25	0	0.0	0	0.0	0
OP 28	0	0.0	0	0.0	0
OP 29	0	0.0	0	0.0	0
OP 30	0	0.0	0	0.0	0



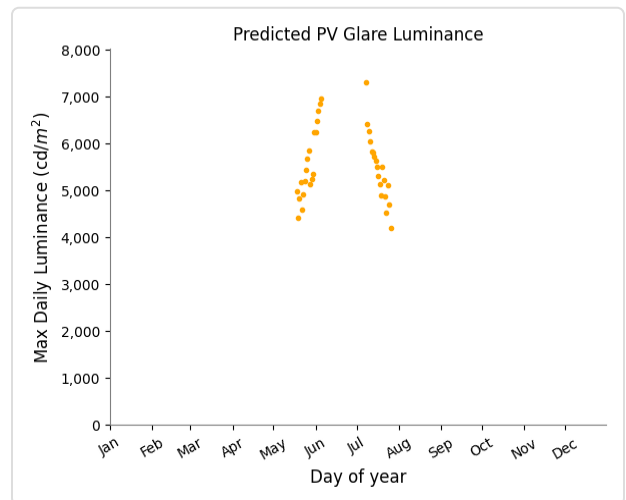
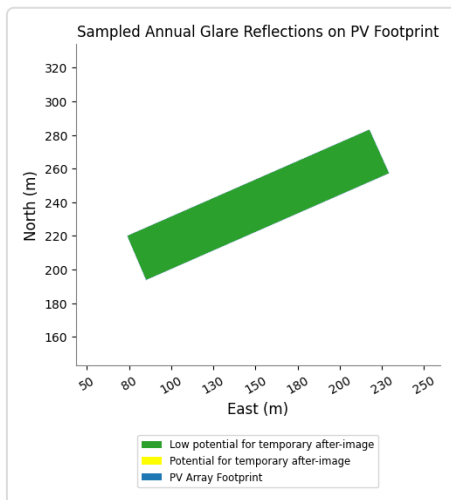
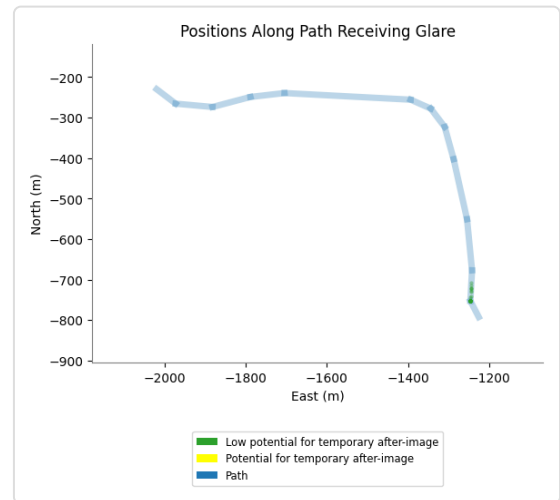
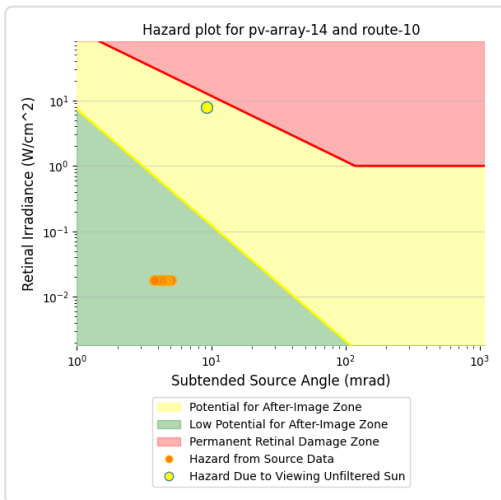
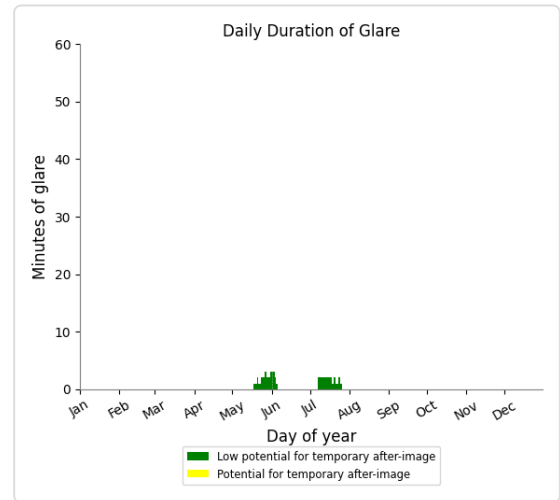
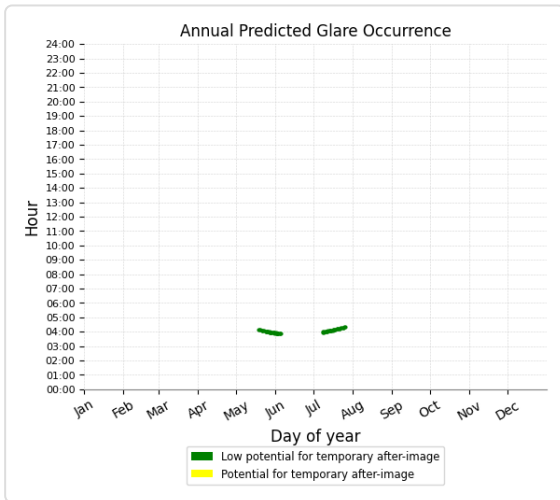
PV array 14 and Route: Route 1

Yellow glare: 18 min.
Green glare: 683 min.



PV array 14 and Route: Route 10

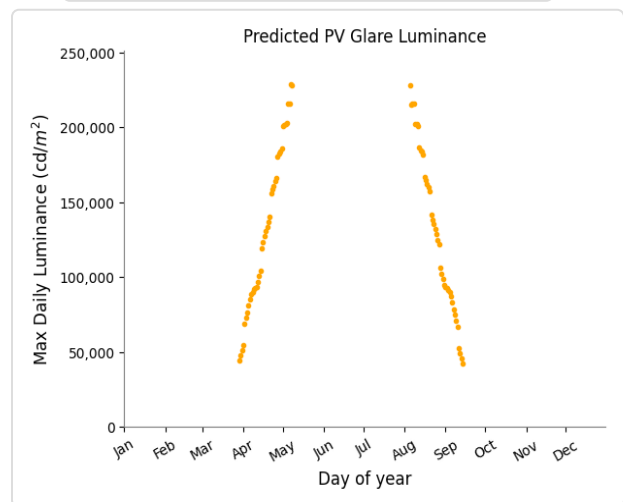
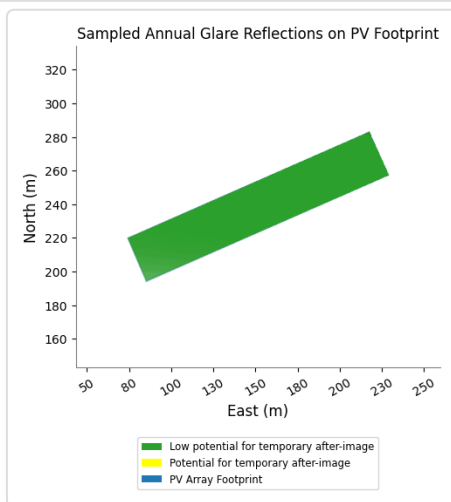
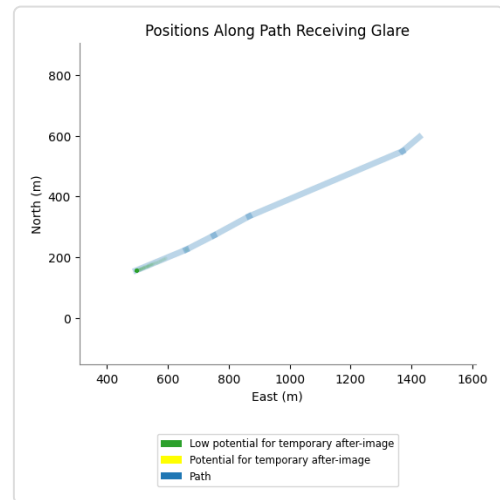
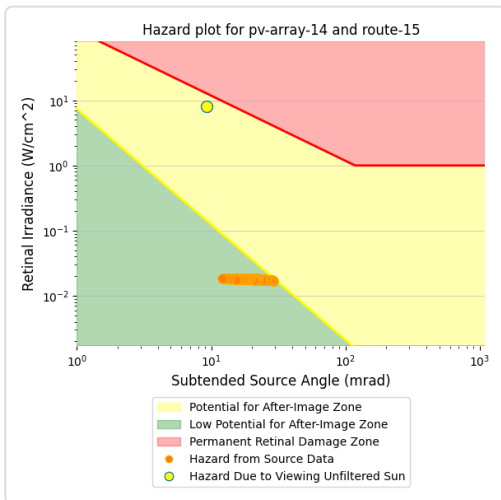
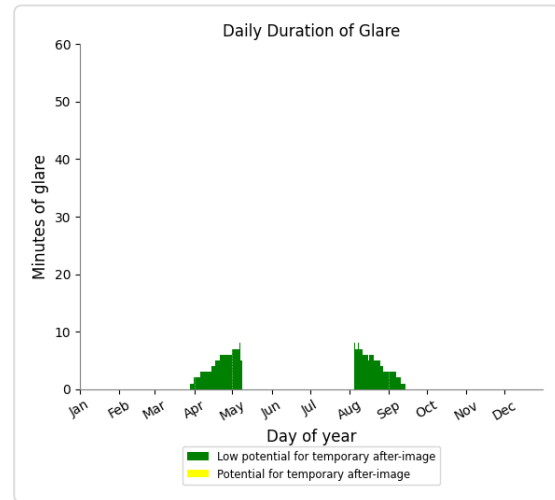
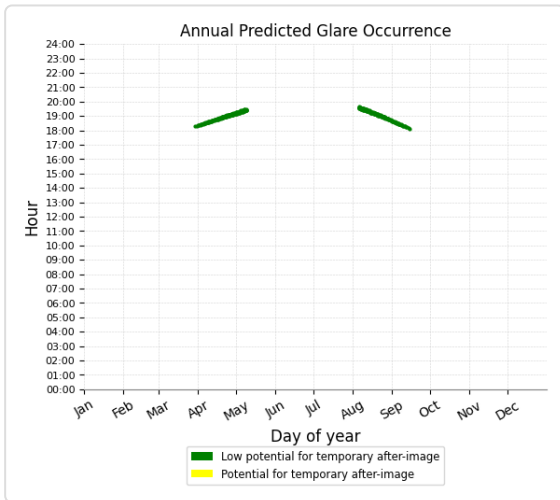
Yellow glare: none
 Green glare: 70 min.



PV array 14 and Route: Route 15

Yellow glare: none

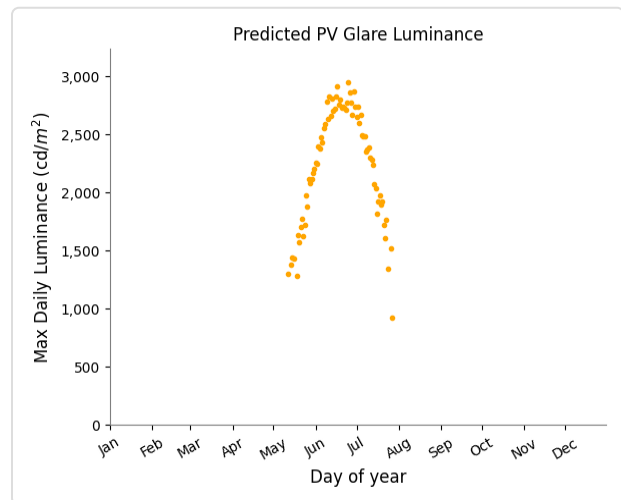
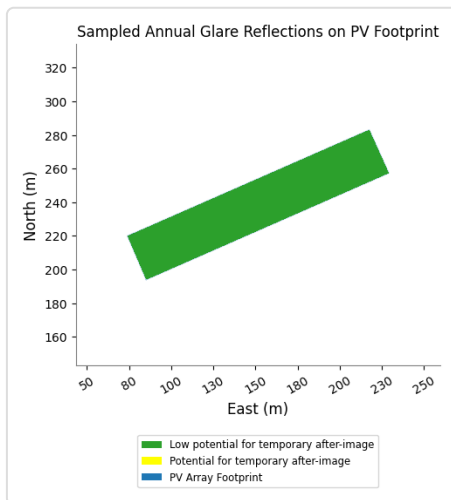
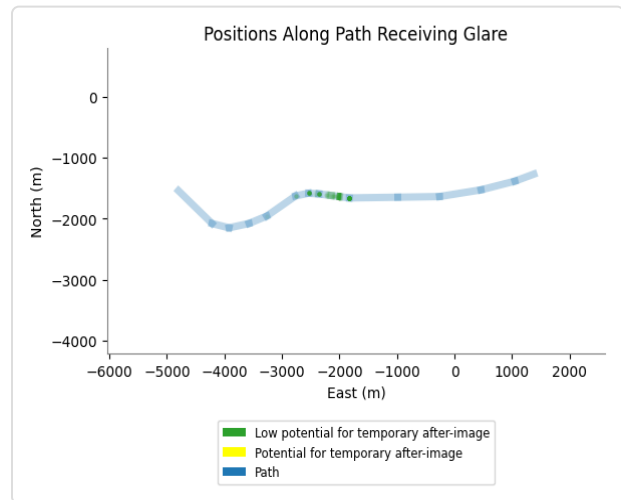
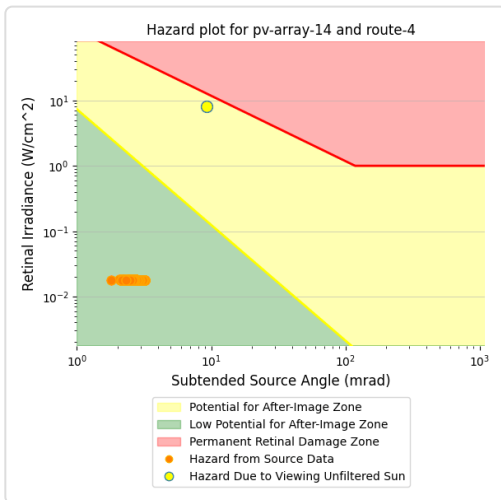
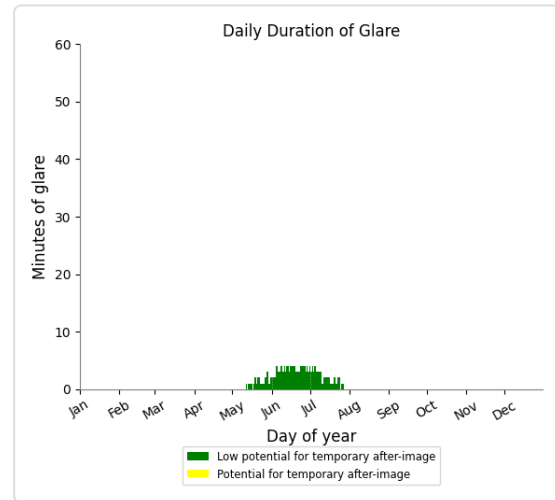
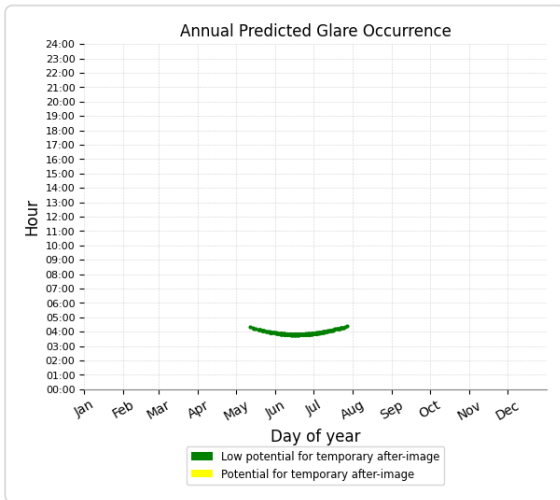
Green glare: 360 min.



PV array 14 and Route: Route 4

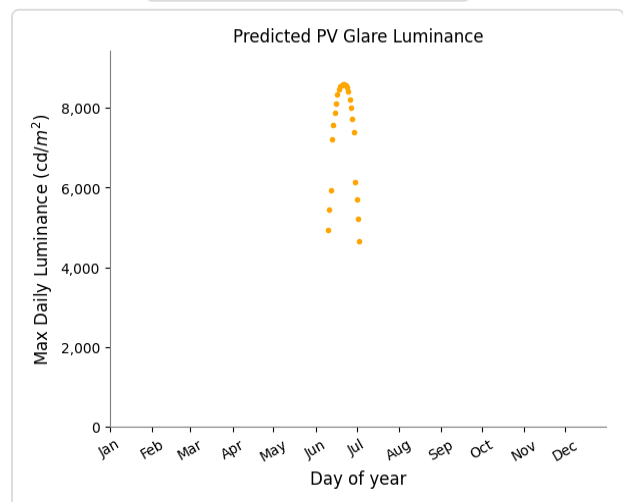
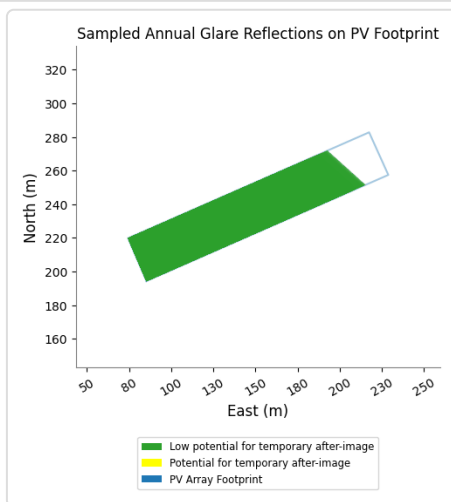
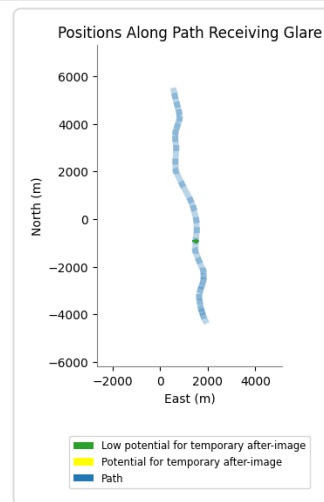
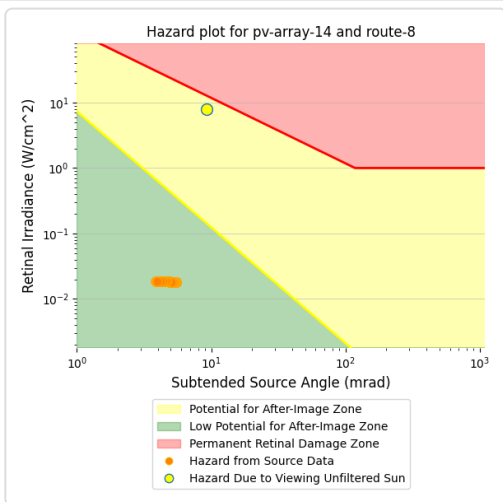
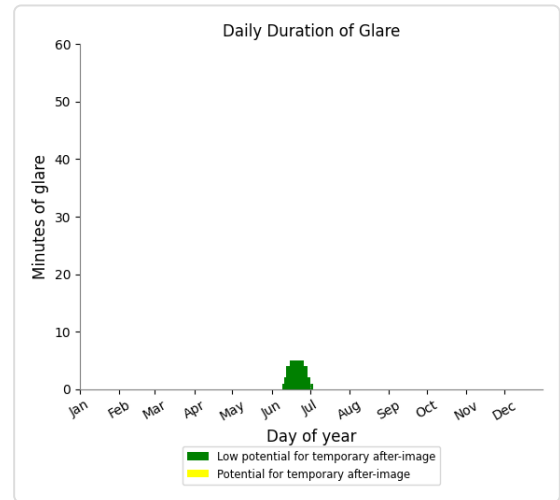
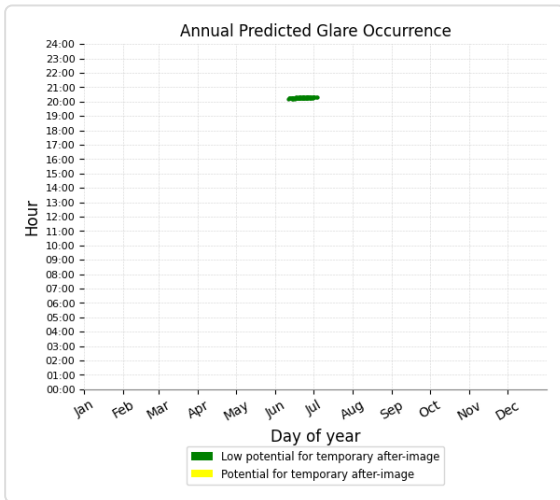
Yellow glare: none

Green glare: 186 min.



PV array 14 and Route: Route 8

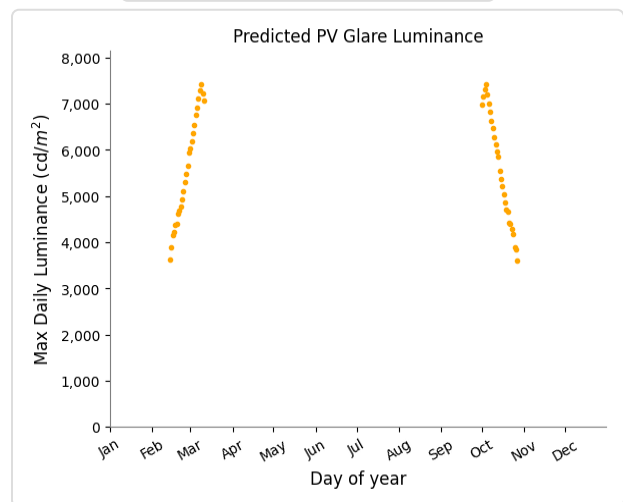
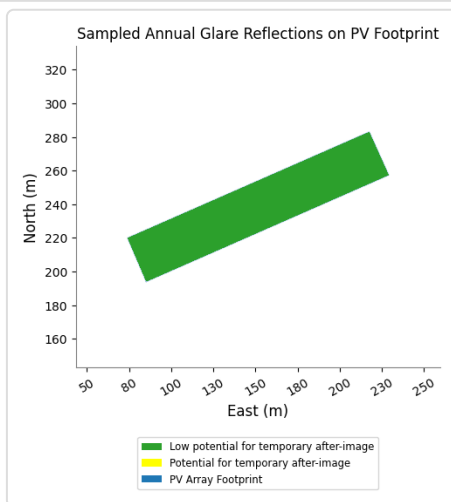
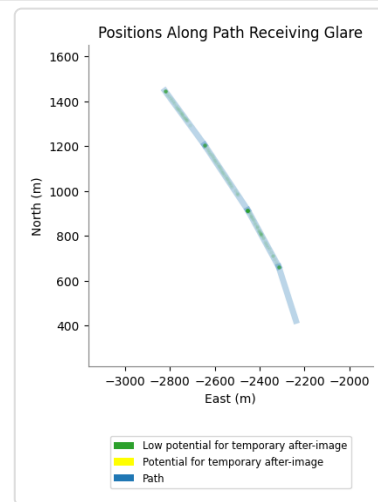
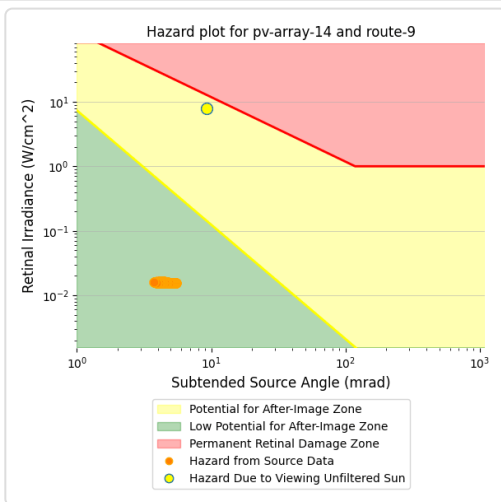
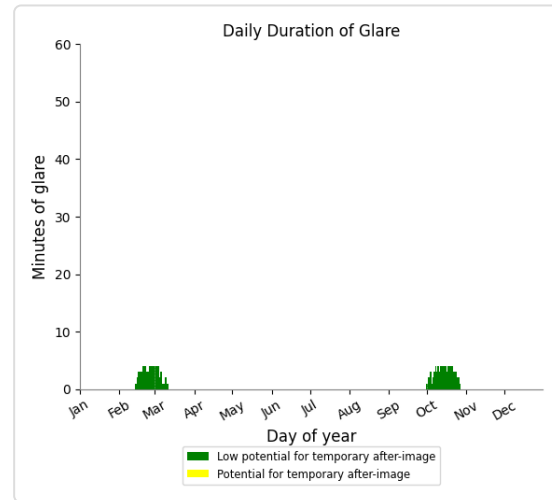
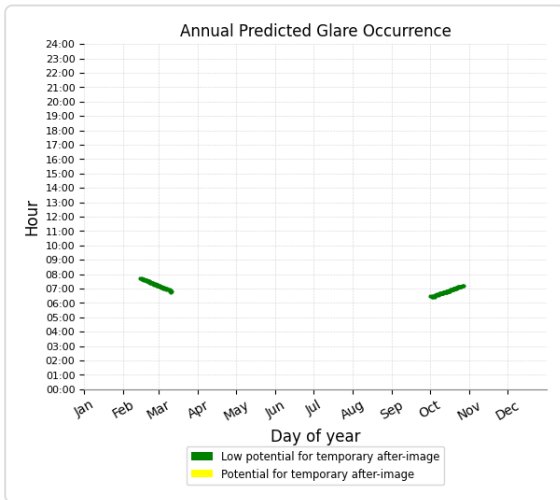
Yellow glare: none
 Green glare: 90 min.



PV array 14 and Route: Route 9

Yellow glare: none

Green glare: 158 min.



PV array 14 and Route: Footpath 1

No glare found

PV array 14 and Route: Footpath 2

No glare found

PV array 14 and Route: Footpath 3

No glare found

PV array 14 and Route: Footpath 4

No glare found

PV array 14 and Route: Route 11

No glare found

PV array 14 and Route: Route 12

No glare found

PV array 14 and Route: Route 13

No glare found

PV array 14 and Route: Route 14

No glare found

PV array 14 and Route: Route 16

No glare found

PV array 14 and Route: Route 2

No glare found

PV array 14 and Route: Route 3

No glare found

PV array 14 and Route: Route 5

No glare found

PV array 14 and Route: Route 6

No glare found

PV array 14 and Route: Route 7

No glare found

PV array 14 and FP: FP 1

No glare found

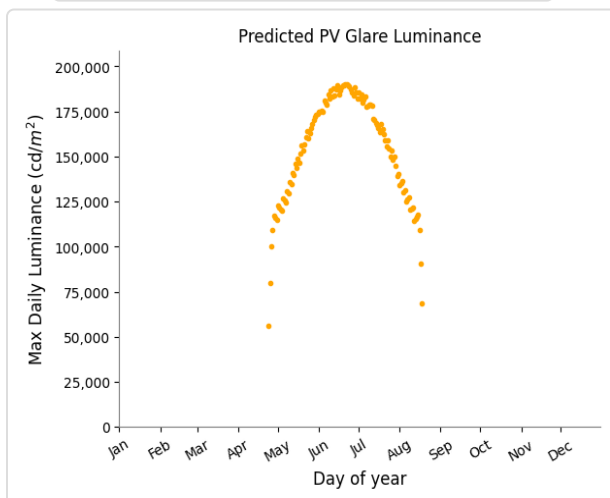
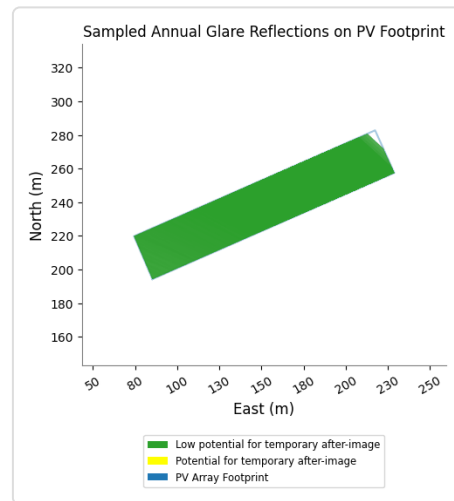
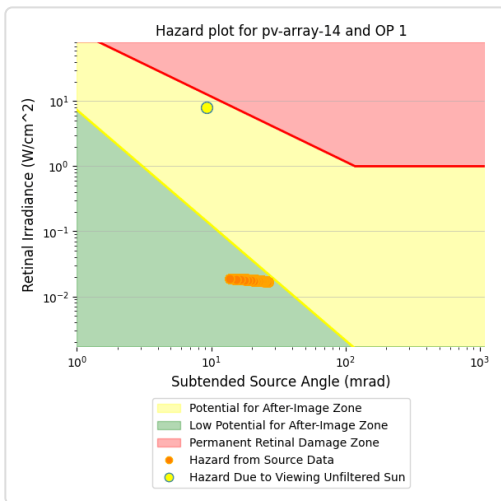
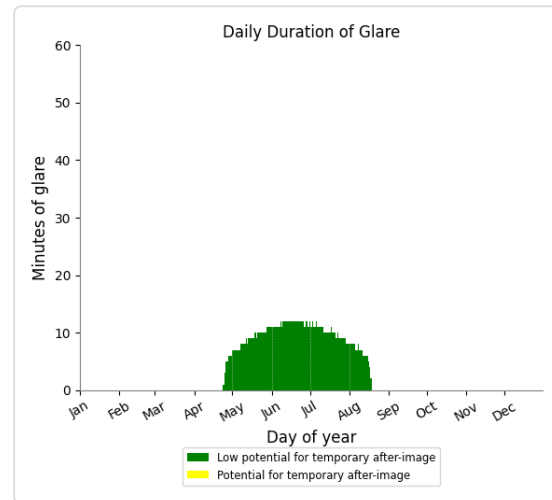
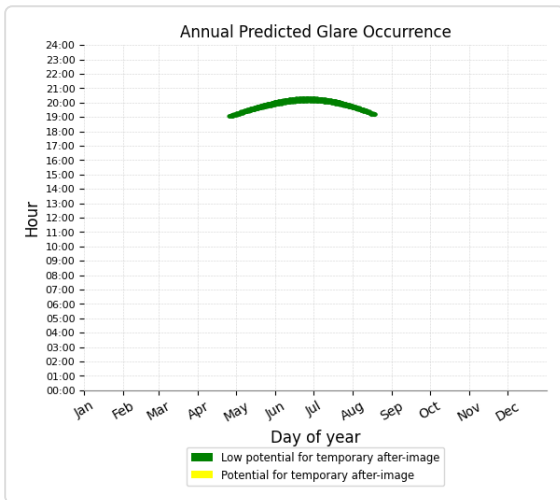
PV array 14 and FP: FP 2

No glare found

PV array 14 and OP 1

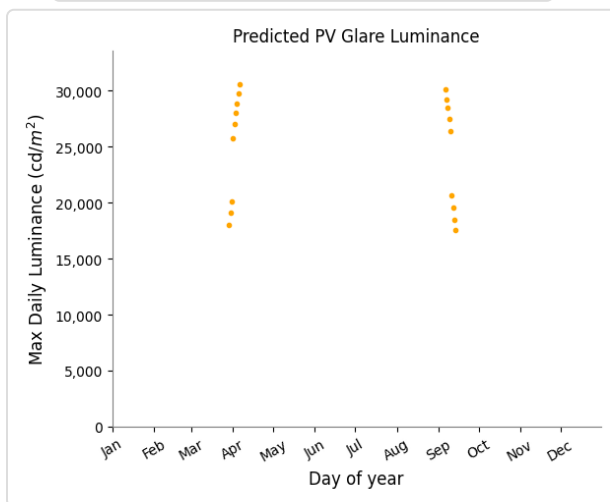
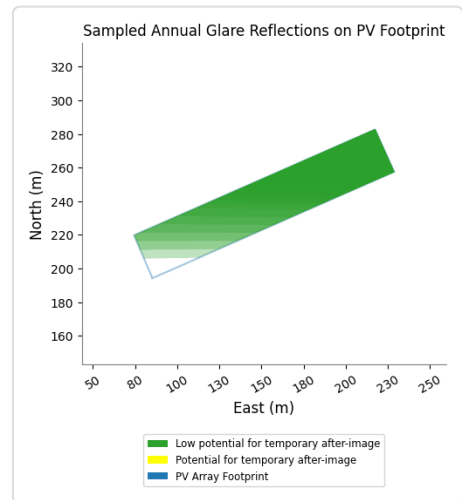
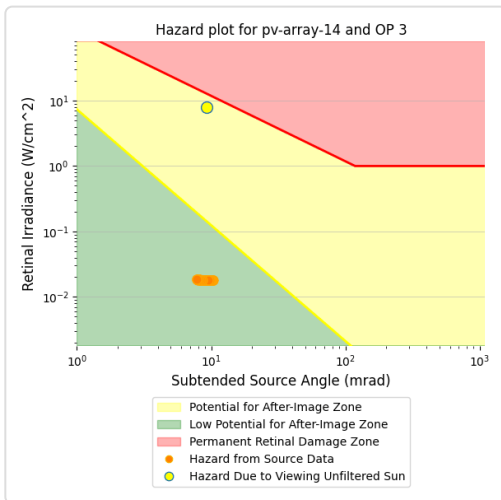
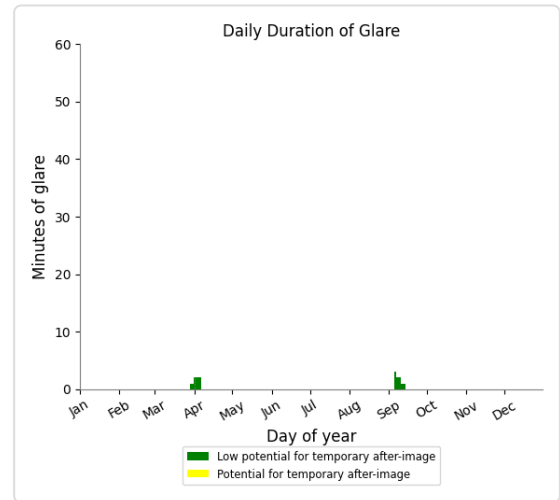
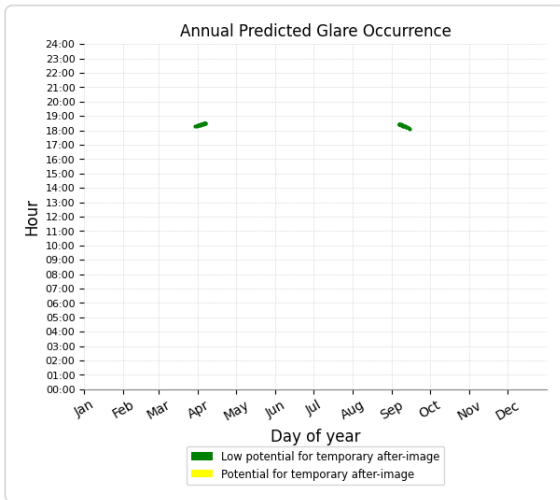
Yellow glare: none

Green glare: 1,090 min.



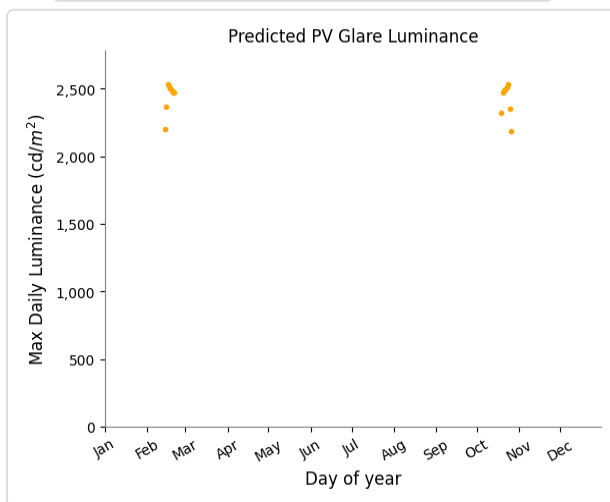
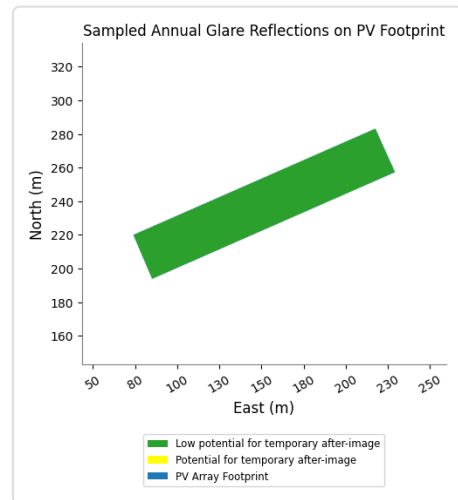
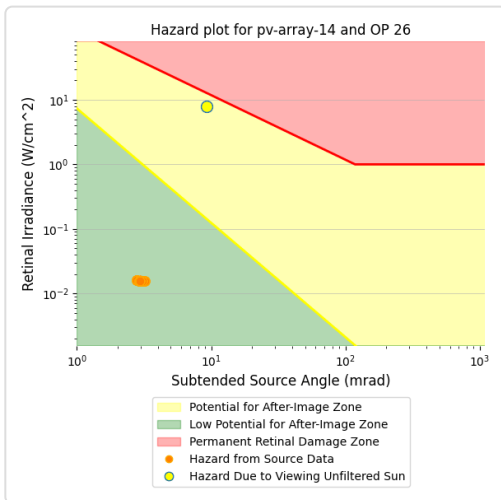
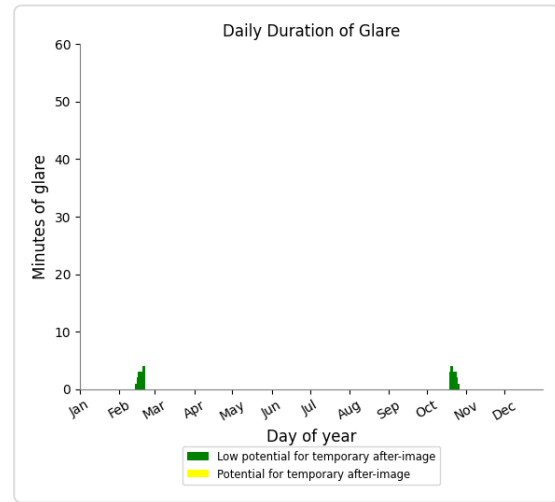
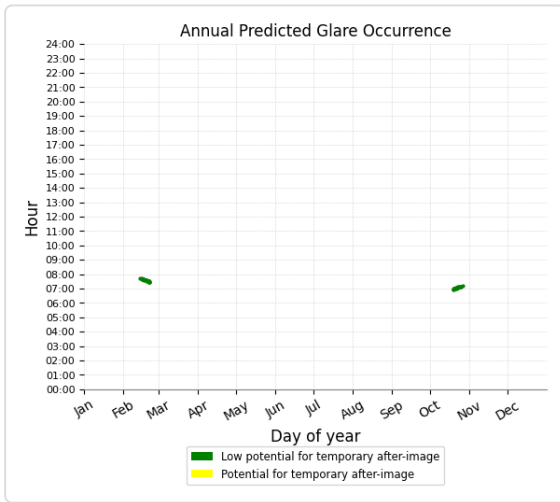
PV array 14 and OP 3

Yellow glare: none
 Green glare: 30 min.



PV array 14 and OP 26

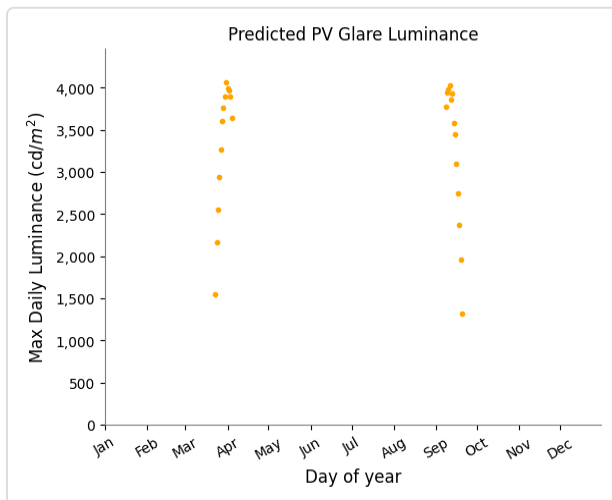
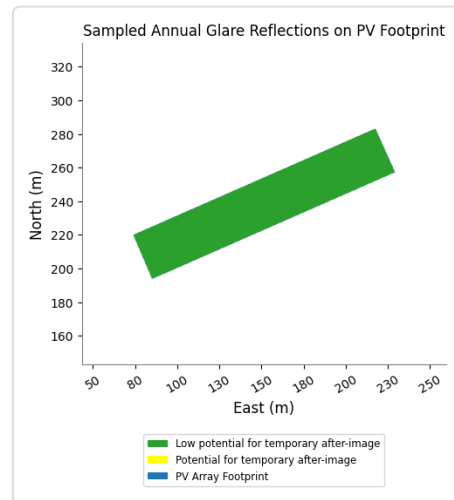
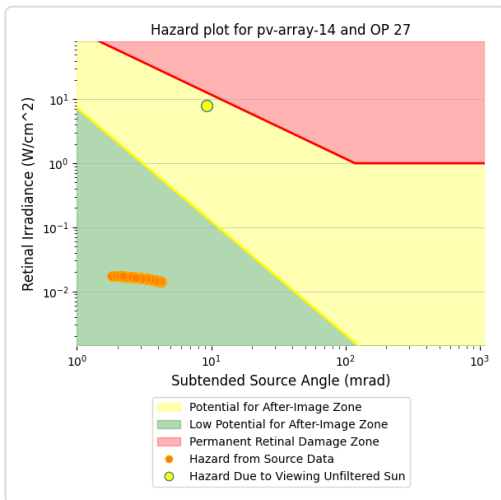
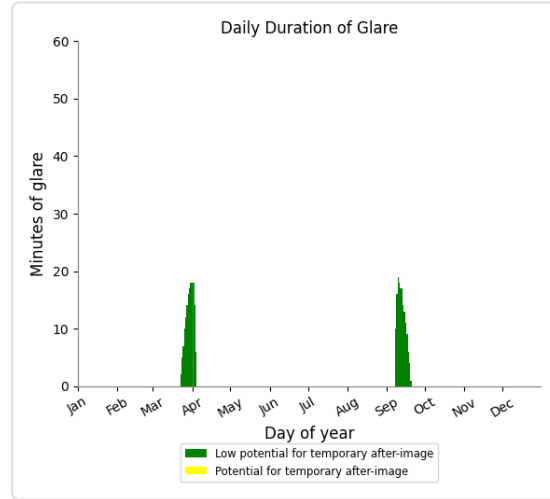
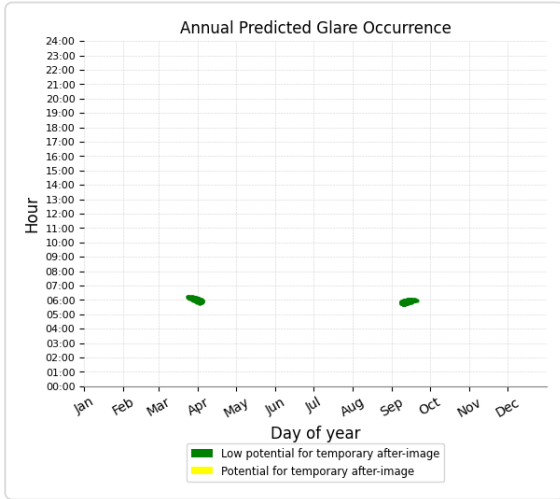
Yellow glare: none
 Green glare: 46 min.



PV array 14 and OP 27

Yellow glare: none

Green glare: 312 min.



PV array 14 and OP 2

No glare found

PV array 14 and OP 4

No glare found

PV array 14 and OP 5

No glare found

PV array 14 and OP 6

No glare found

PV array 14 and OP 7

No glare found

PV array 14 and OP 8

No glare found

PV array 14 and OP 9

No glare found

PV array 14 and OP 10

No glare found

PV array 14 and OP 11

No glare found

PV array 14 and OP 12

No glare found

PV array 14 and OP 13

No glare found

PV array 14 and OP 14

No glare found

PV array 14 and OP 15

No glare found

PV array 14 and OP 16

No glare found

PV array 14 and OP 17

No glare found

PV array 14 and OP 18

No glare found

PV array 14 and OP 19

No glare found

PV array 14 and OP 20

No glare found

PV array 14 and OP 21

No glare found

PV array 14 and OP 22

No glare found

PV array 14 and OP 23

No glare found

PV array 14 and OP 24

No glare found

PV array 14 and OP 25

No glare found

PV array 14 and OP 28

No glare found

PV array 14 and OP 29

No glare found

PV array 14 and OP 30

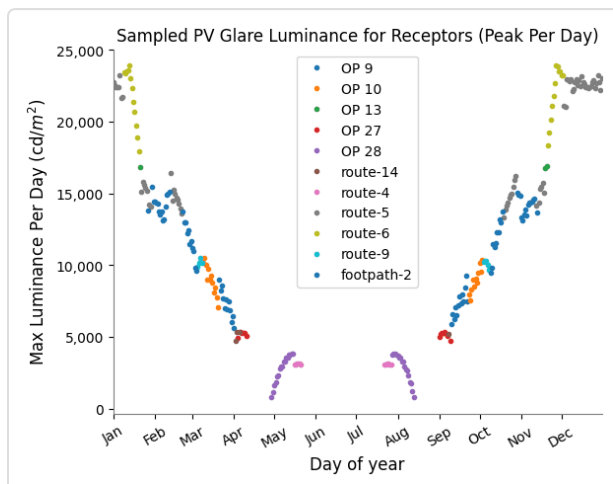
No glare found

PV: PV array 15 low potential for temporary after-image

Receptor results ordered by category of glare

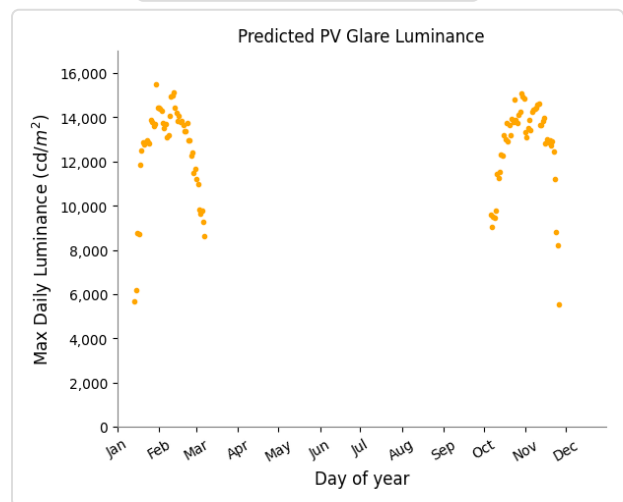
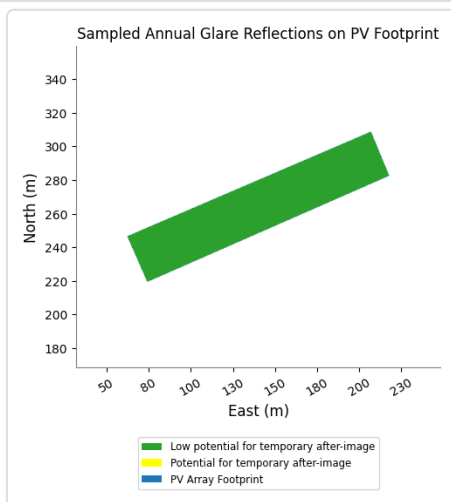
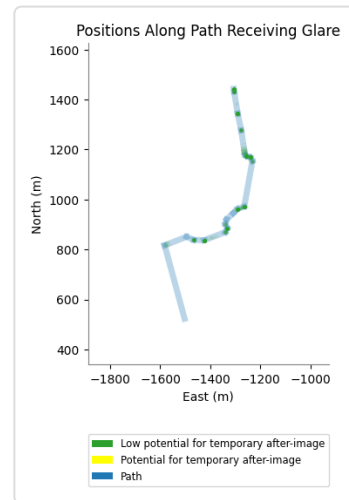
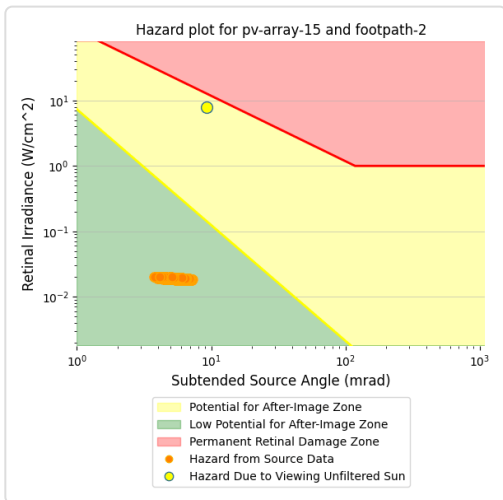
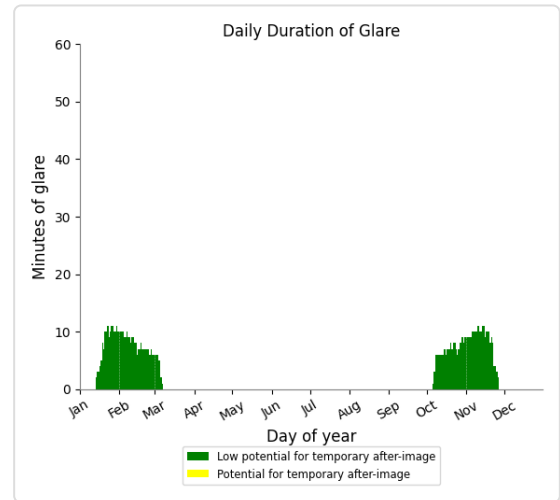
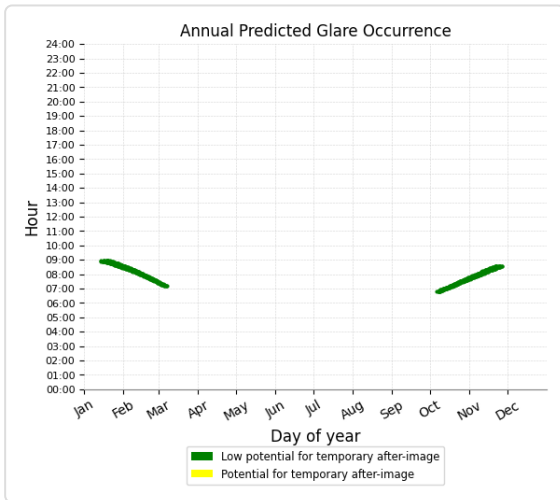
Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
Footpath 2	798	13.3	0	0.0	15,489
Route 12	125	2.1	0	0.0	9,406
Route 13	786	13.1	0	0.0	5,512
Route 14	28	0.5	0	0.0	5,703
Route 4	281	4.7	0	0.0	3,138
Route 5	1,791	29.9	0	0.0	23,242
Route 6	1,814	30.2	0	0.0	23,906
Route 7	4,228	70.5	0	0.0	15,218
Route 9	345	5.8	0	0.0	10,524
Footpath 1	0	0.0	0	0.0	0
Footpath 3	0	0.0	0	0.0	0
Footpath 4	0	0.0	0	0.0	0
Route 1	0	0.0	0	0.0	0
Route 10	0	0.0	0	0.0	0
Route 11	0	0.0	0	0.0	0
Route 15	0	0.0	0	0.0	0
Route 16	0	0.0	0	0.0	0
Route 2	0	0.0	0	0.0	0
Route 3	0	0.0	0	0.0	0
Route 8	0	0.0	0	0.0	0
FP 1	0	0.0	0	0.0	0
FP 2	0	0.0	0	0.0	0
OP 9	52	0.9	0	0.0	9,259
OP 10	109	1.8	0	0.0	10,516
OP 13	384	6.4	0	0.0	19,270
OP 23	478	8.0	0	0.0	8,600
OP 25	763	12.7	0	0.0	14,141
OP 26	356	5.9	0	0.0	5,800
OP 27	472	7.9	0	0.0	5,333
OP 28	207	3.5	0	0.0	3,859
OP 1	0	0.0	0	0.0	0
OP 2	0	0.0	0	0.0	0
OP 3	0	0.0	0	0.0	0
OP 4	0	0.0	0	0.0	0
OP 5	0	0.0	0	0.0	0
OP 6	0	0.0	0	0.0	0
OP 7	0	0.0	0	0.0	0
OP 8	0	0.0	0	0.0	0

Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
OP 11	0	0.0	0	0.0	0
OP 12	0	0.0	0	0.0	0
OP 14	0	0.0	0	0.0	0
OP 15	0	0.0	0	0.0	0
OP 16	0	0.0	0	0.0	0
OP 17	0	0.0	0	0.0	0
OP 18	0	0.0	0	0.0	0
OP 19	0	0.0	0	0.0	0
OP 20	0	0.0	0	0.0	0
OP 21	0	0.0	0	0.0	0
OP 22	0	0.0	0	0.0	0
OP 24	0	0.0	0	0.0	0
OP 29	0	0.0	0	0.0	0
OP 30	0	0.0	0	0.0	0



PV array 15 and Route: Footpath 2

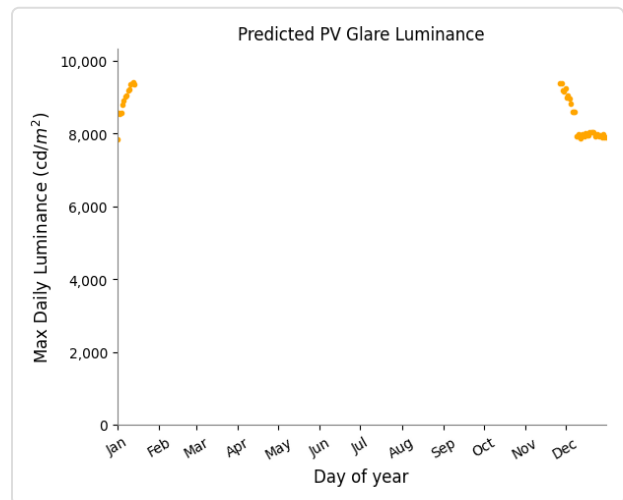
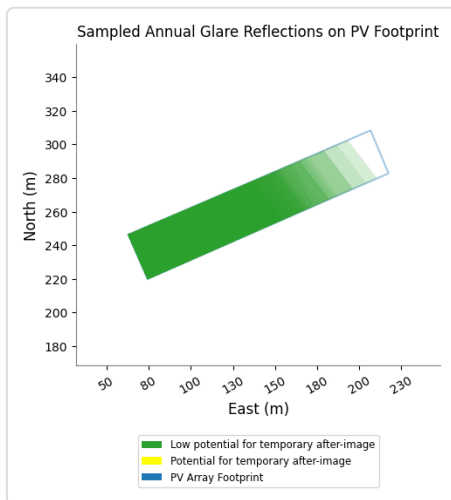
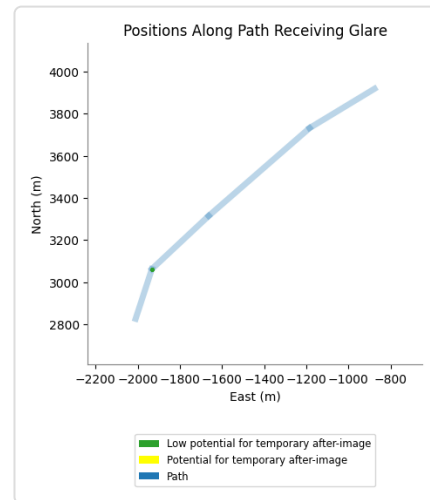
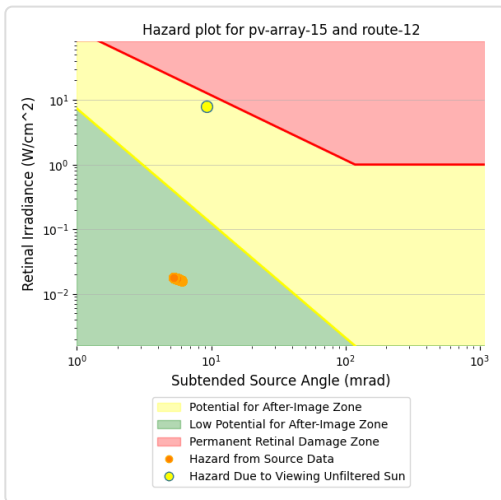
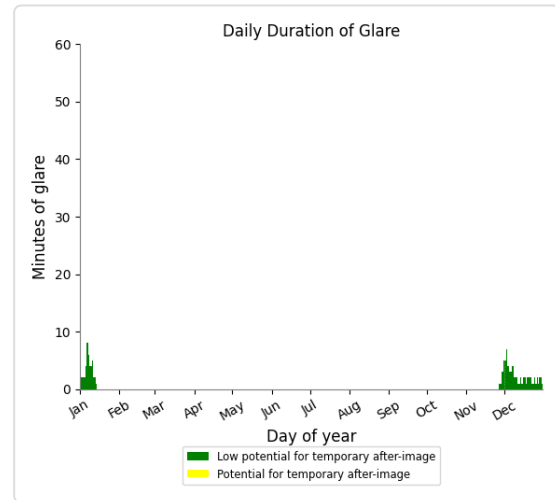
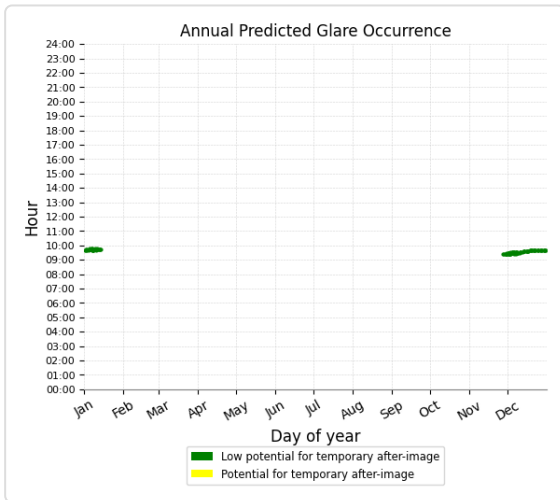
Yellow glare: none
 Green glare: 798 min.



PV array 15 and Route: Route 12

Yellow glare: none

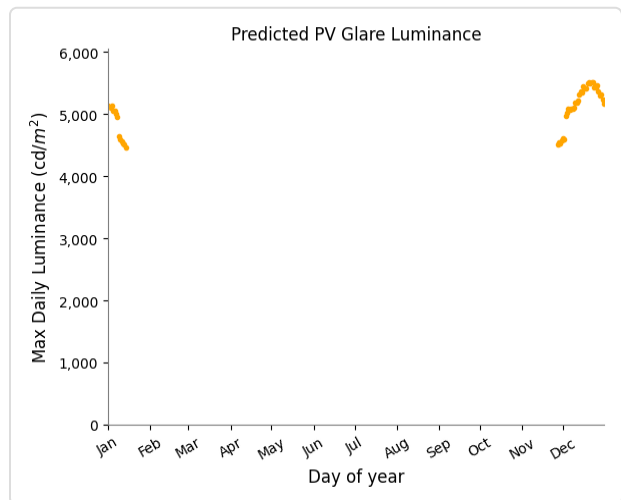
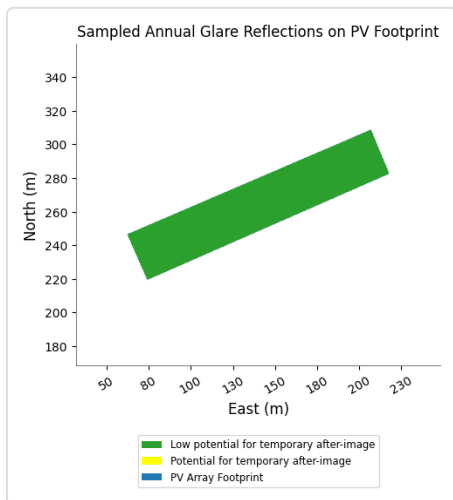
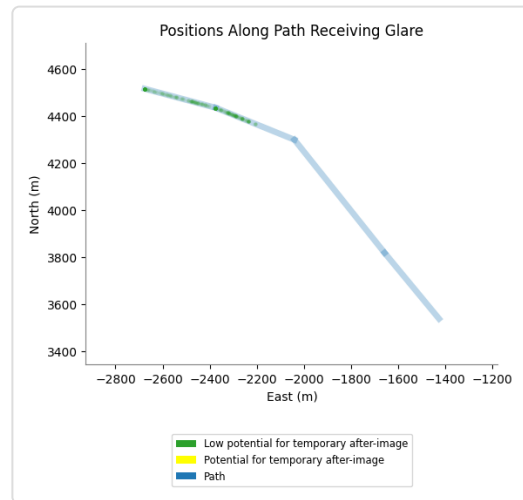
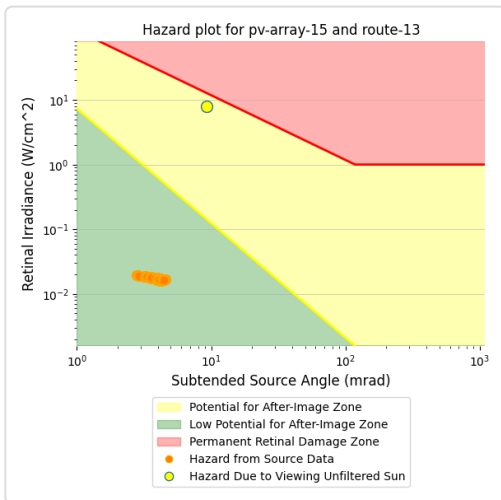
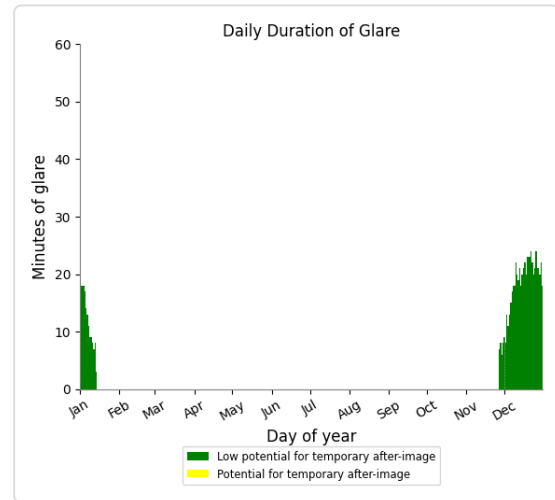
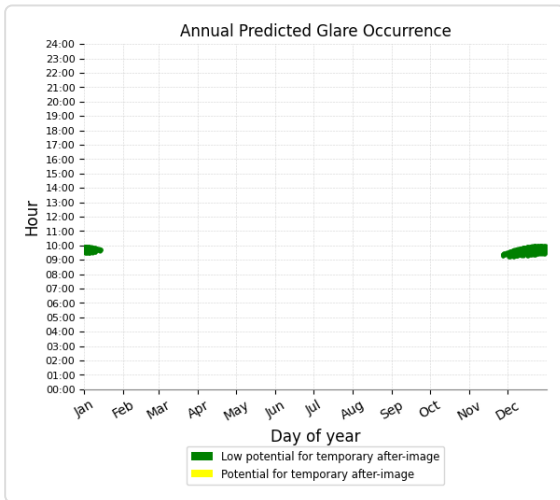
Green glare: 125 min.



PV array 15 and Route: Route 13

Yellow glare: none

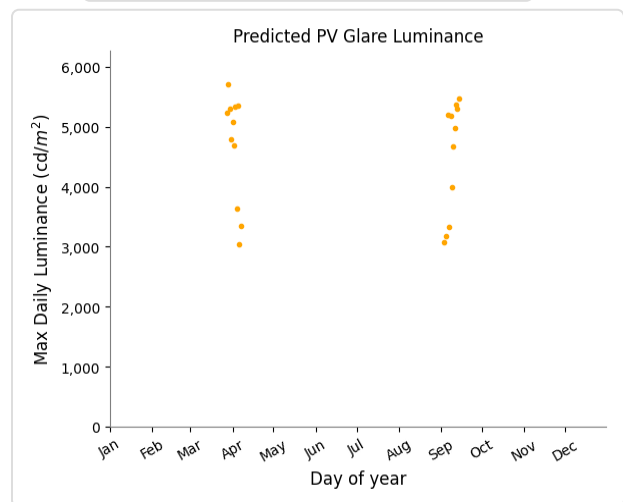
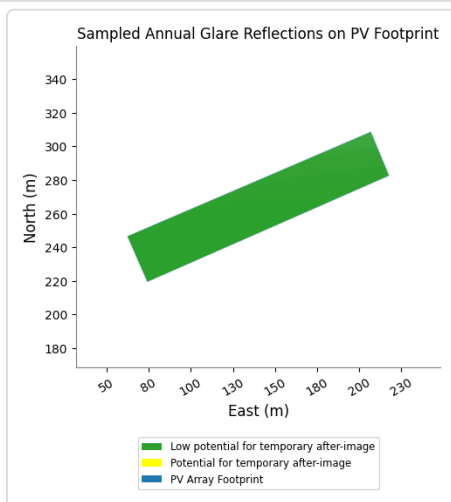
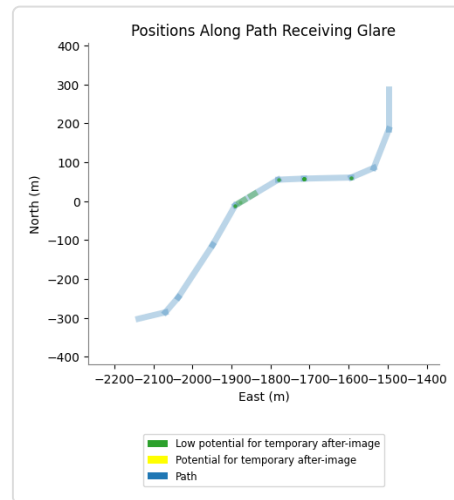
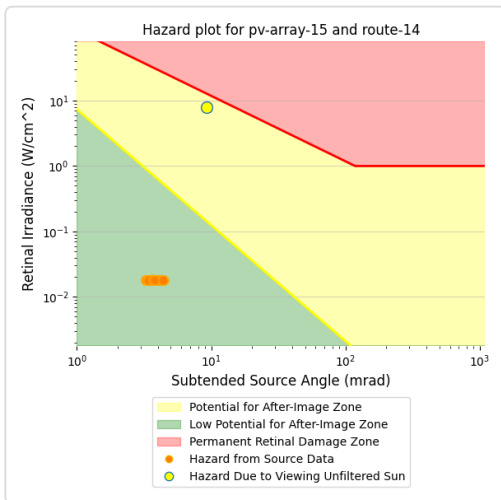
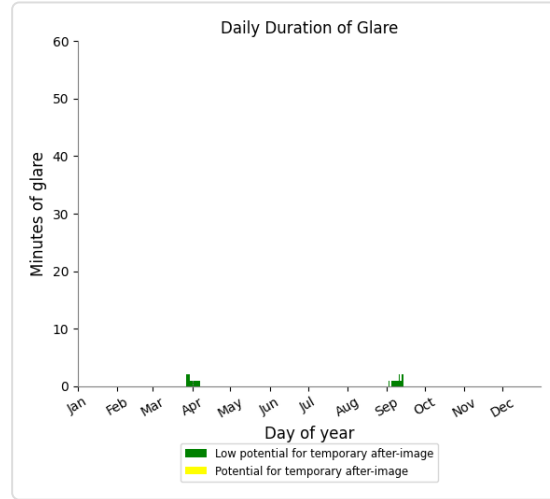
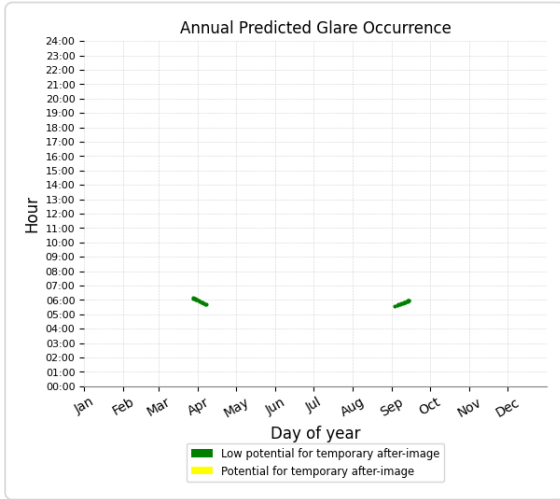
Green glare: 786 min.



PV array 15 and Route: Route 14

Yellow glare: none

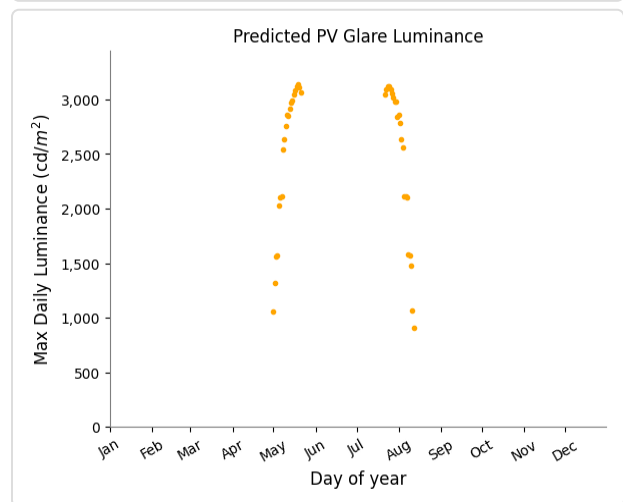
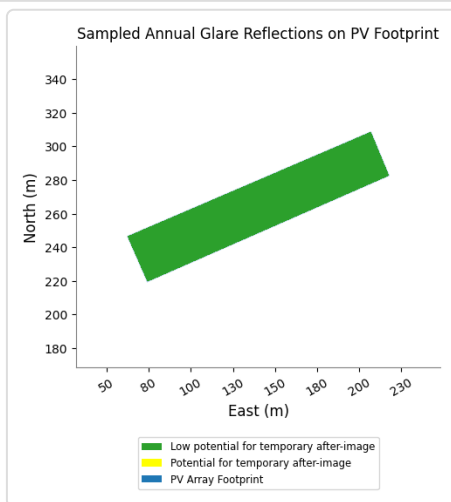
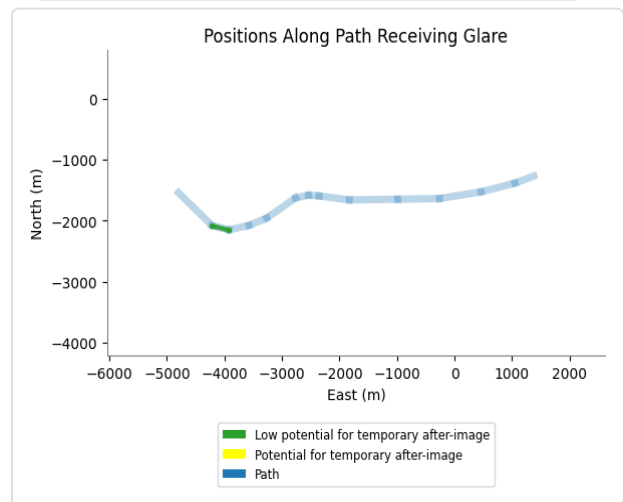
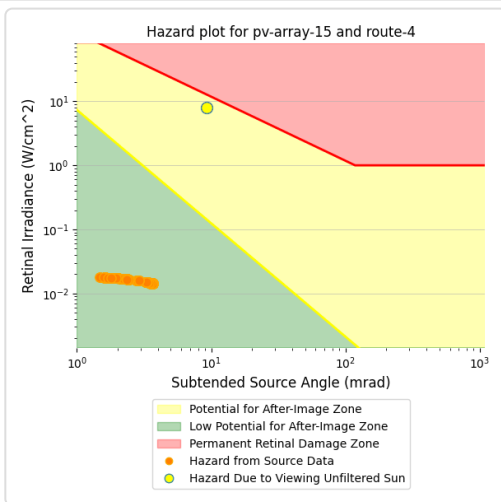
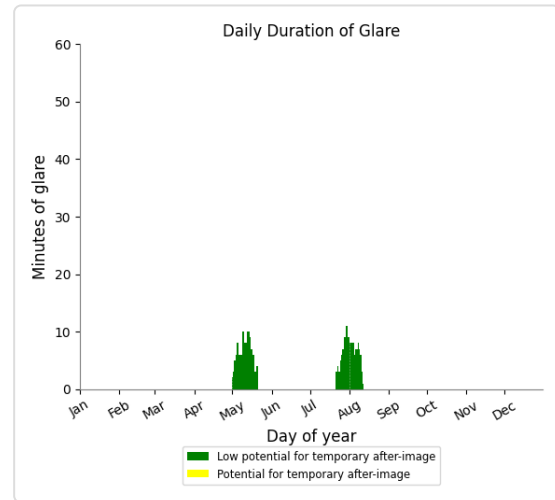
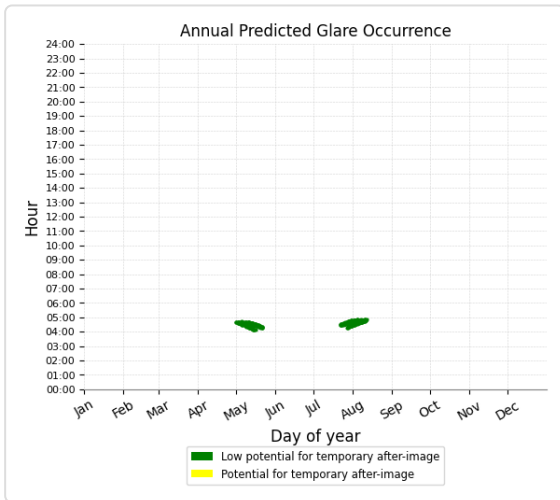
Green glare: 28 min.



PV array 15 and Route: Route 4

Yellow glare: none

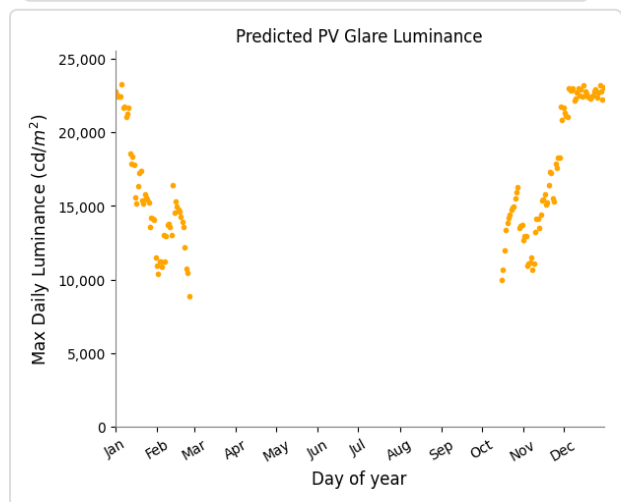
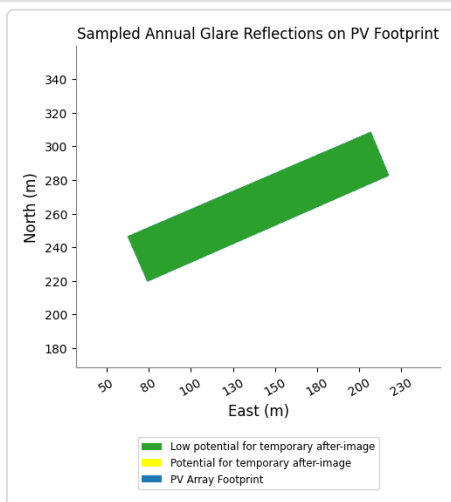
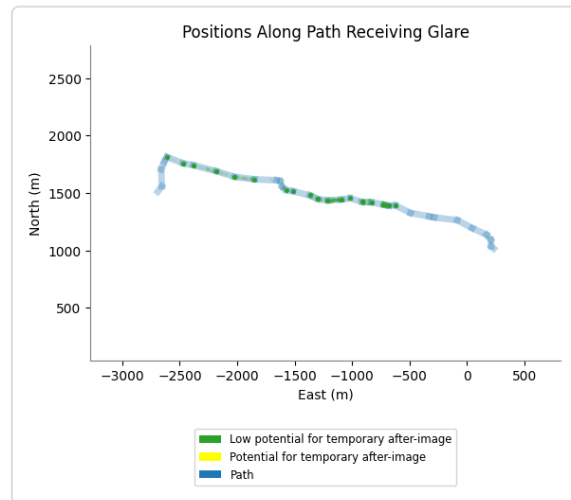
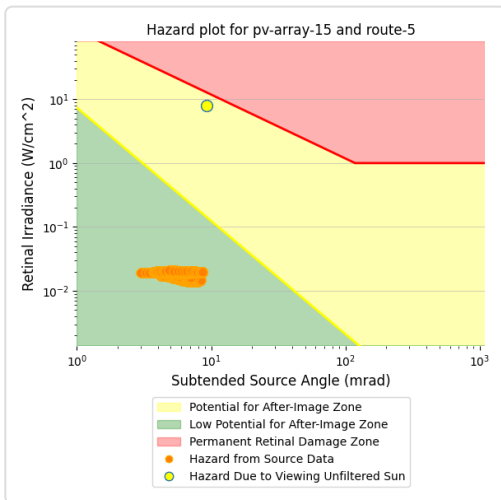
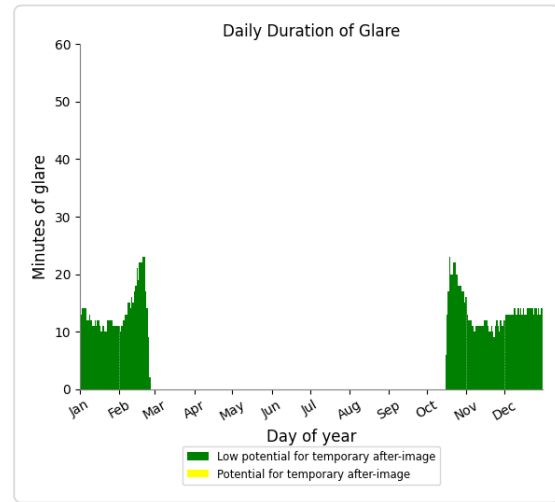
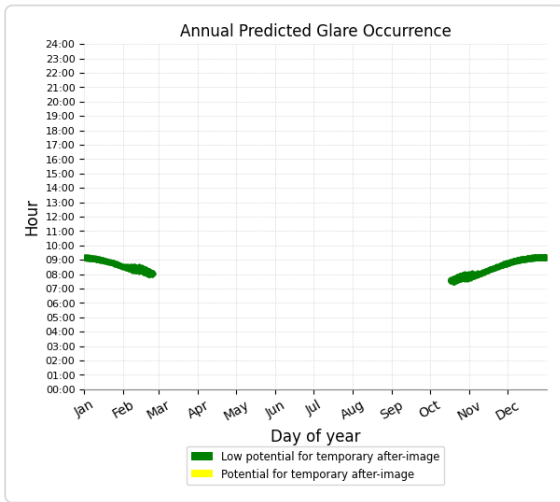
Green glare: 281 min.



PV array 15 and Route: Route 5

Yellow glare: none

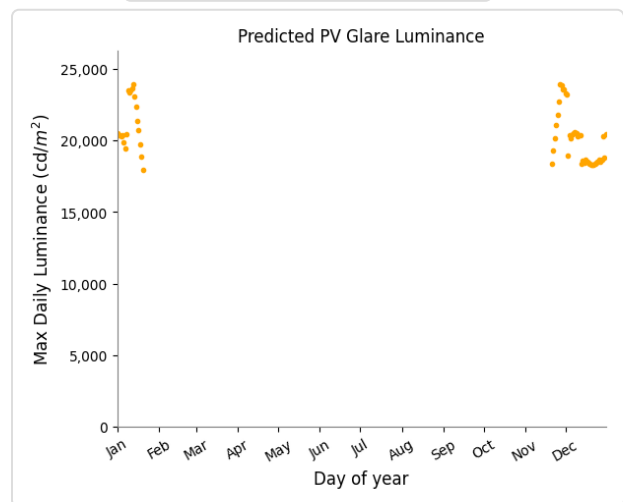
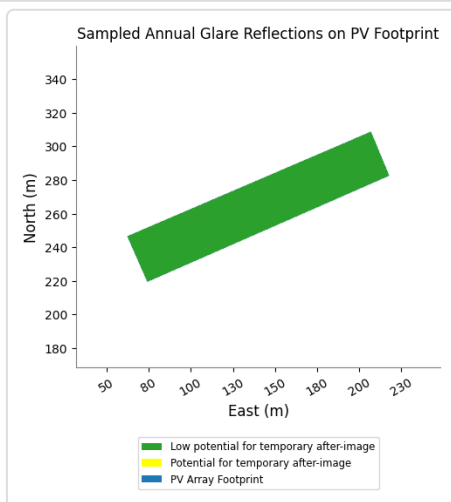
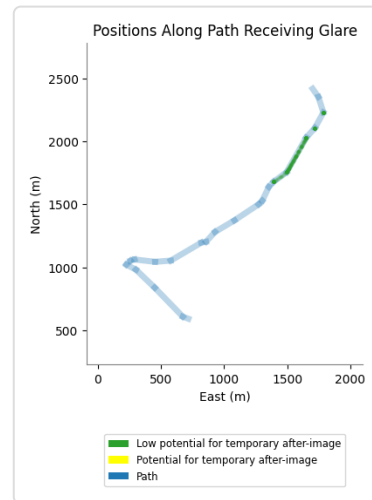
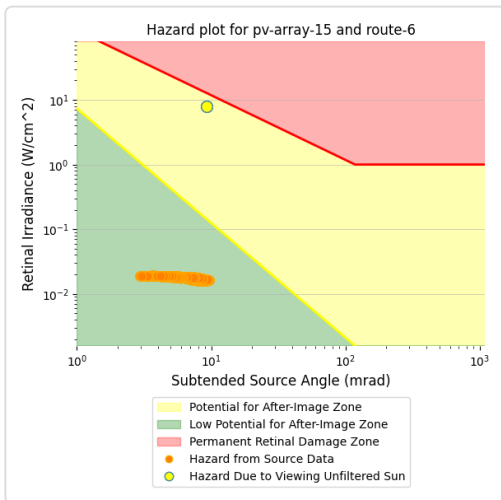
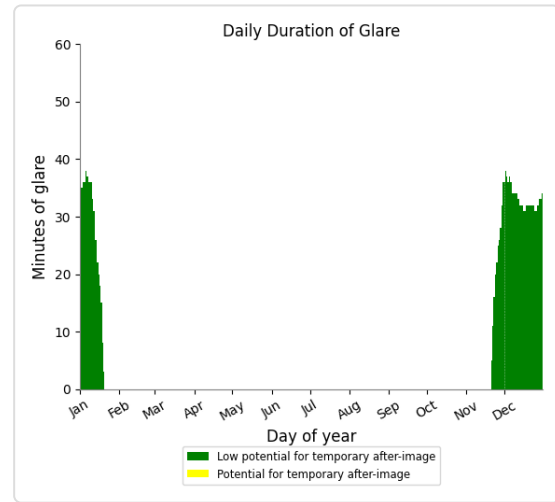
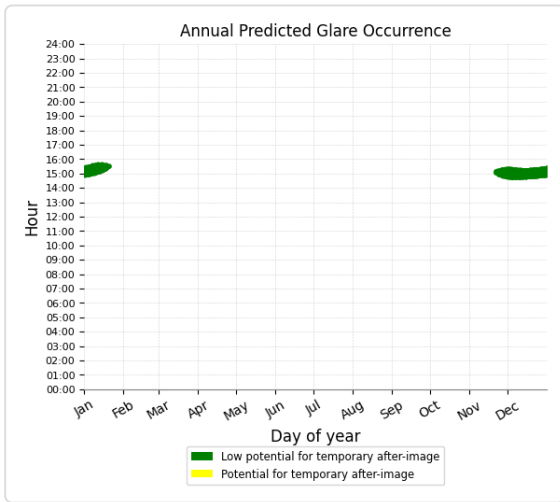
Green glare: 1,791 min.



PV array 15 and Route: Route 6

Yellow glare: none

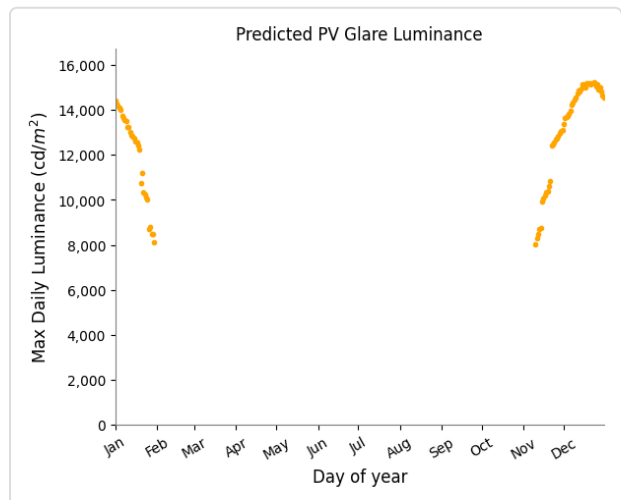
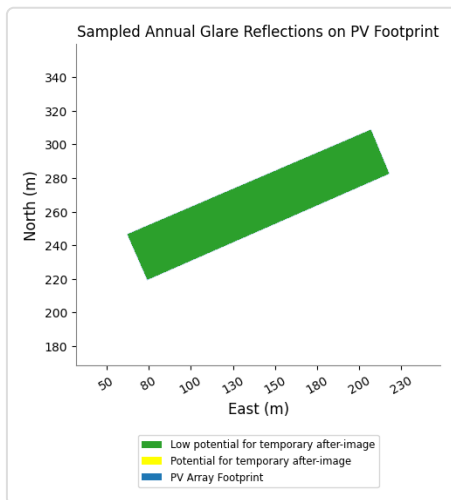
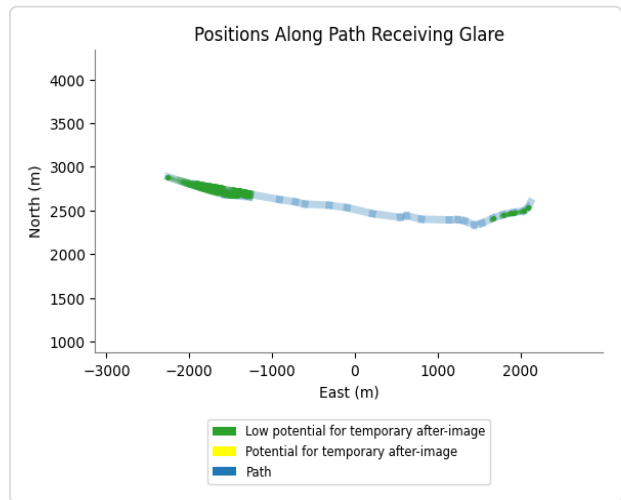
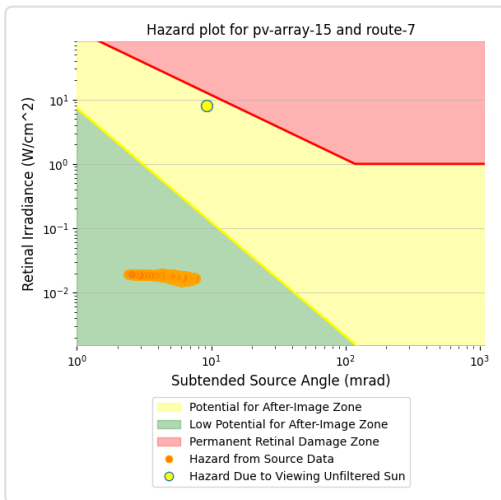
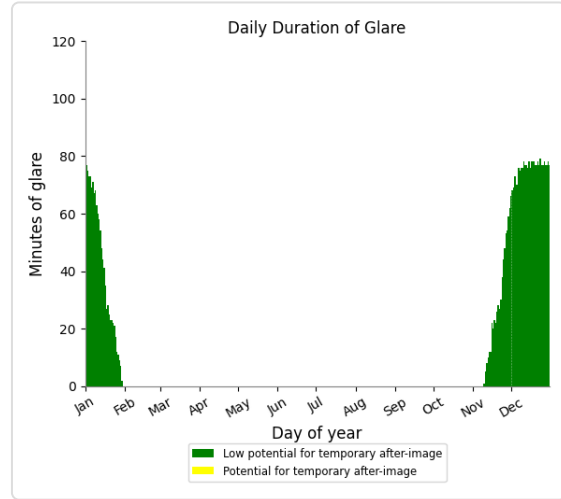
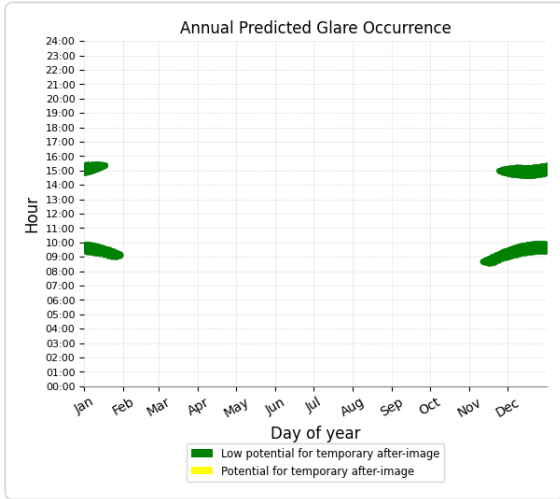
Green glare: 1,814 min.



PV array 15 and Route: Route 7

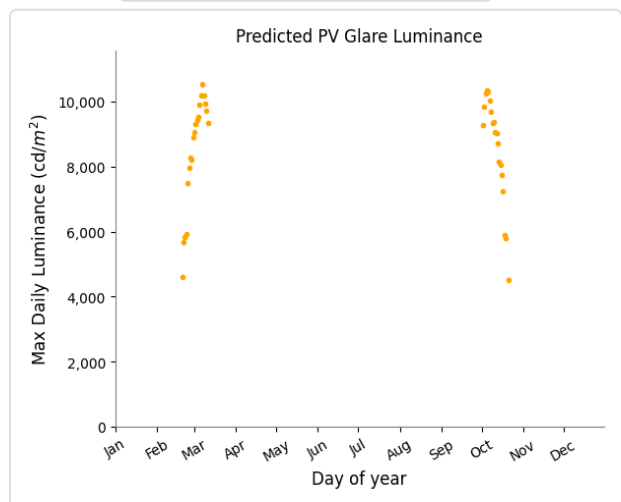
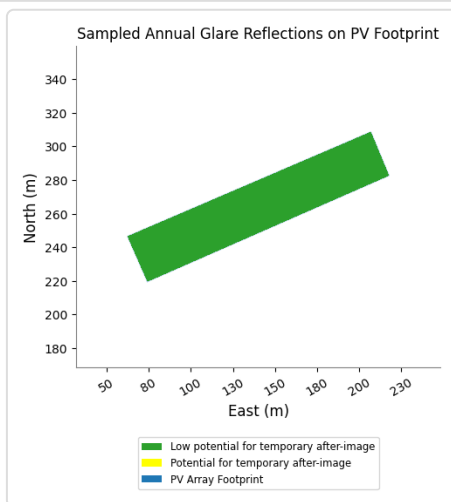
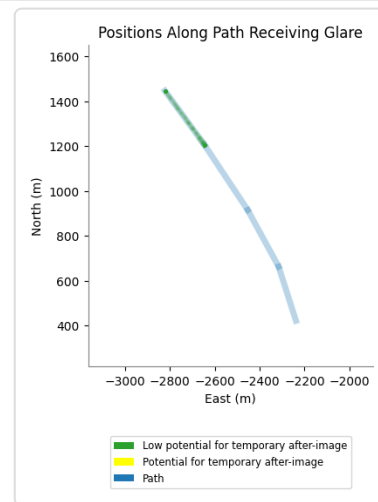
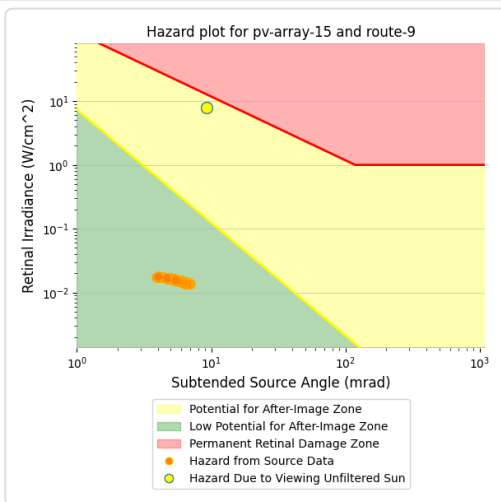
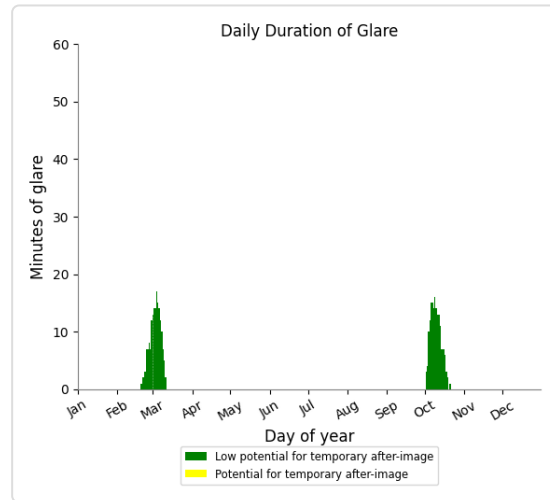
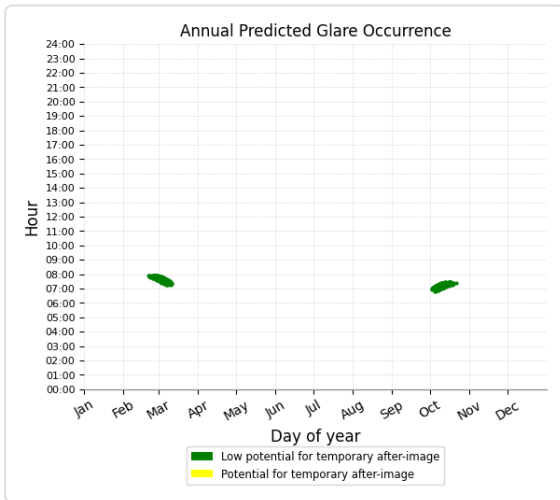
Yellow glare: none

Green glare: 4,228 min.



PV array 15 and Route: Route 9

Yellow glare: none
Green glare: 345 min.



PV array 15 and Route: Footpath 1

No glare found

PV array 15 and Route: Footpath 3

No glare found

PV array 15 and Route: Footpath 4

No glare found

PV array 15 and Route: Route 1

No glare found

PV array 15 and Route: Route 10

No glare found

PV array 15 and Route: Route 11

No glare found

PV array 15 and Route: Route 15

No glare found

PV array 15 and Route: Route 16

No glare found

PV array 15 and Route: Route 2

No glare found

PV array 15 and Route: Route 3

No glare found

PV array 15 and Route: Route 8

No glare found

PV array 15 and FP: FP 1

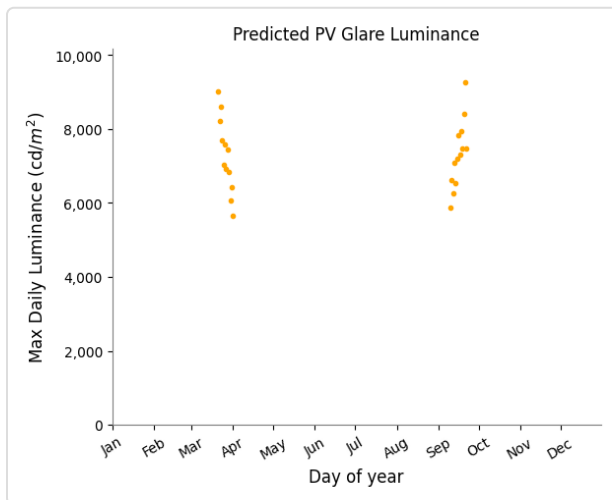
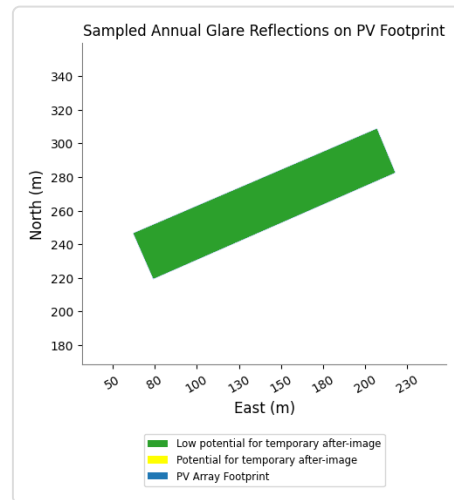
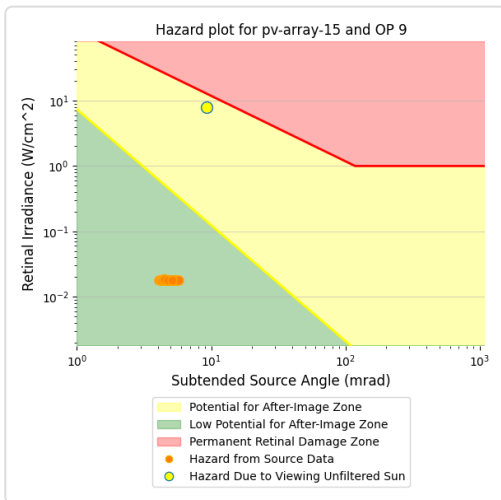
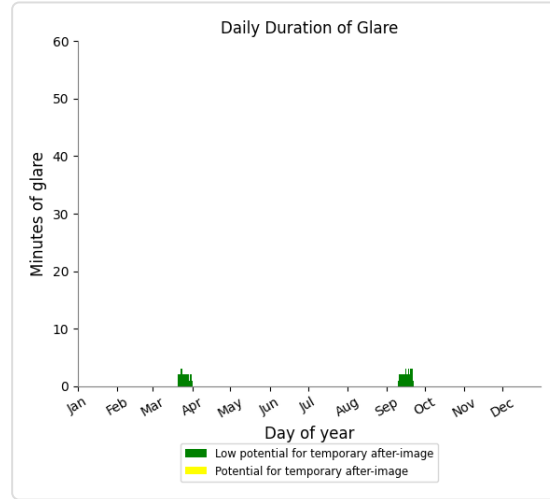
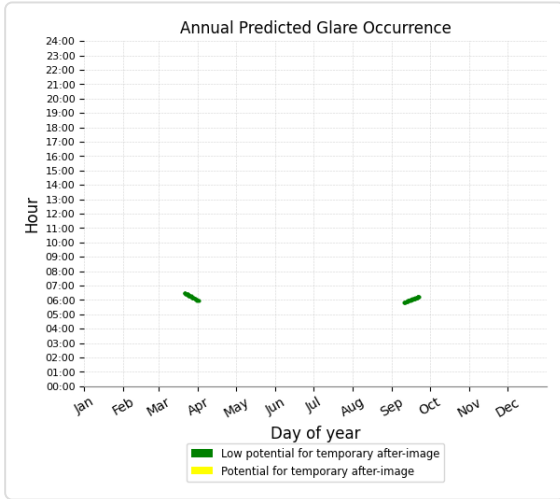
No glare found

PV array 15 and FP: FP 2

No glare found

PV array 15 and OP 9

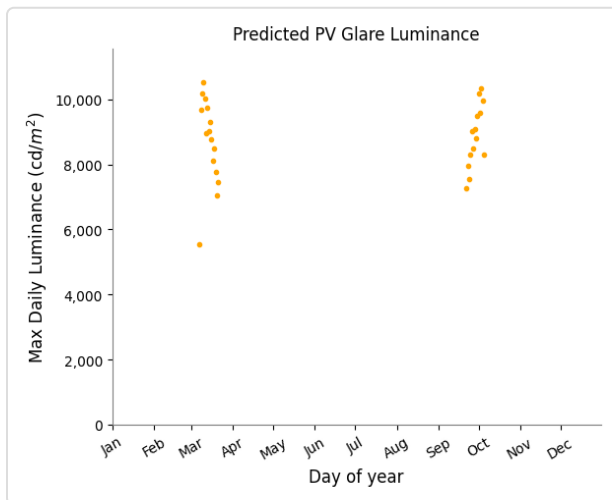
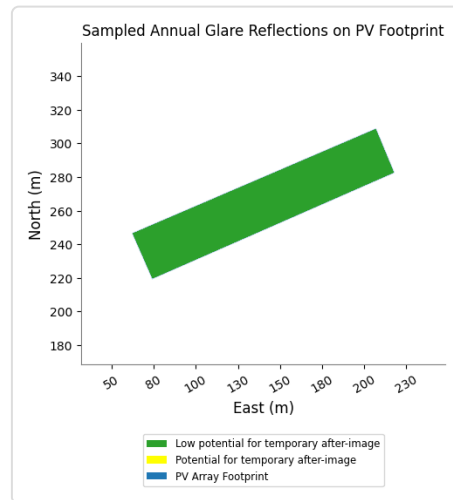
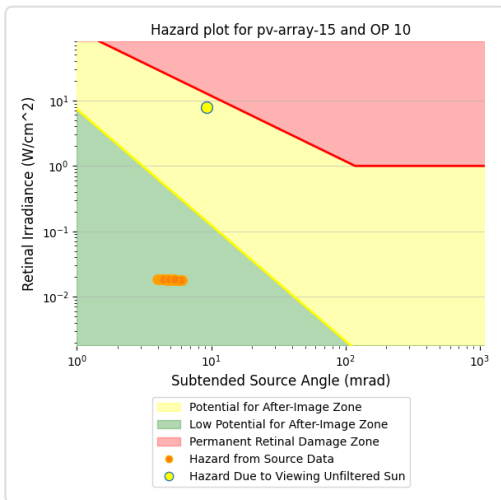
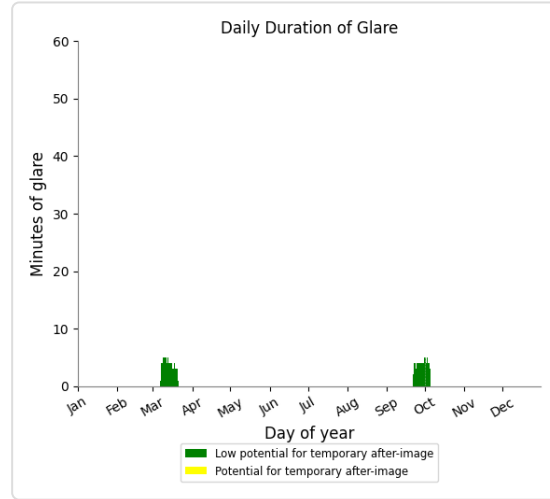
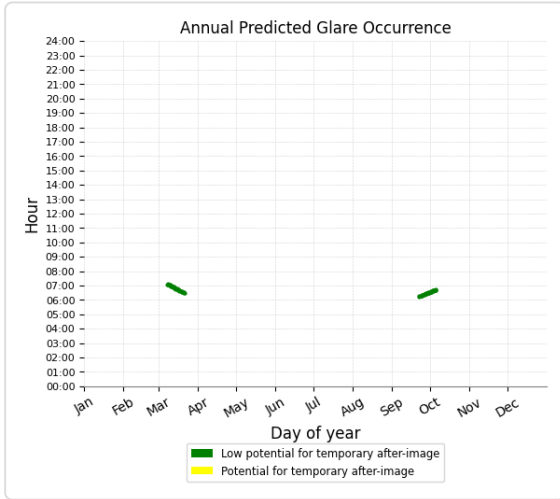
Yellow glare: none
 Green glare: 52 min.



PV array 15 and OP 10

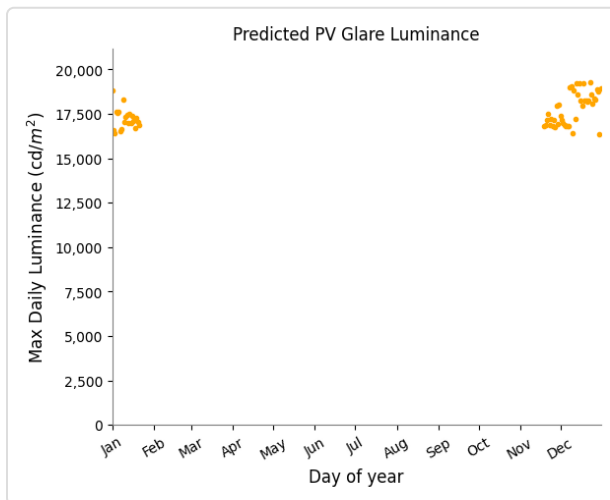
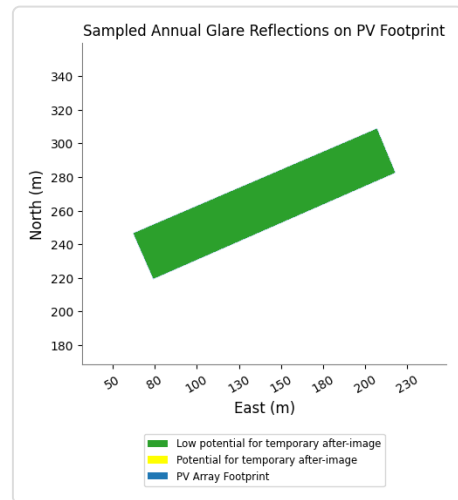
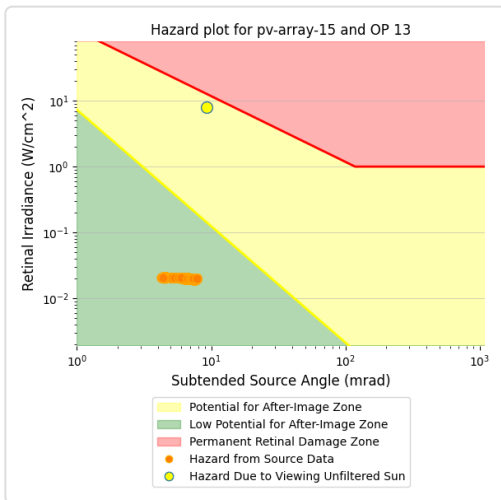
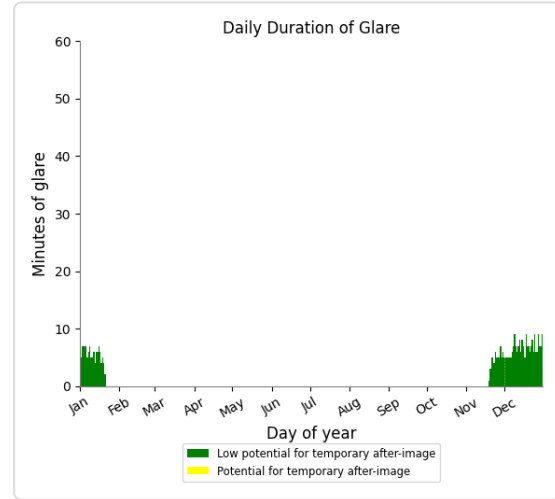
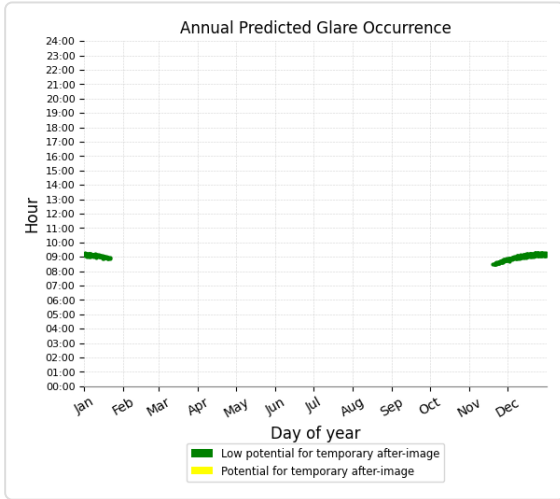
Yellow glare: none

Green glare: 109 min.



PV array 15 and OP 13

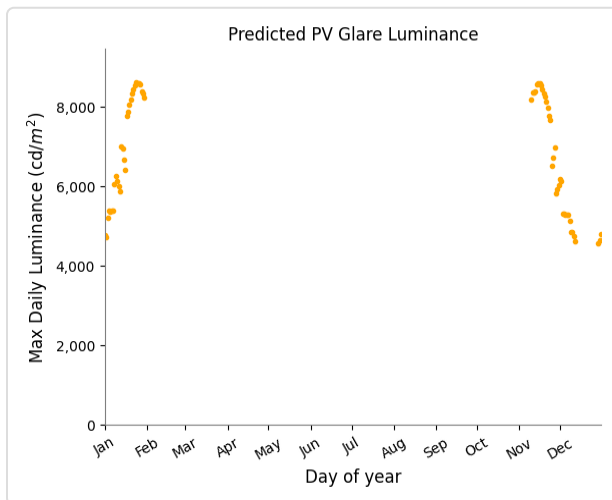
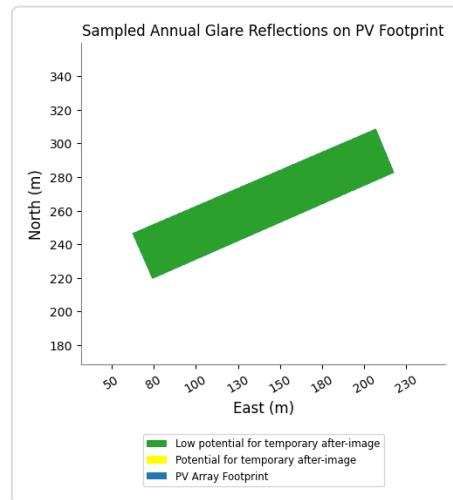
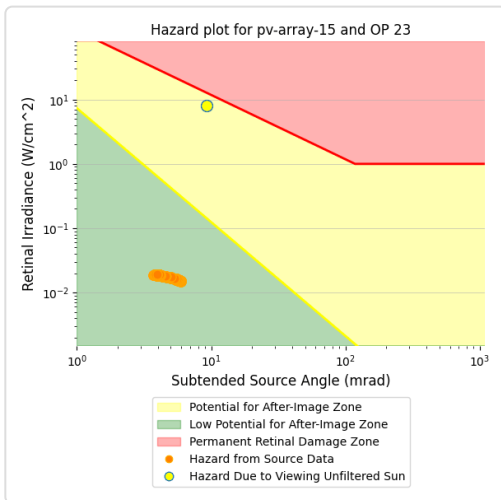
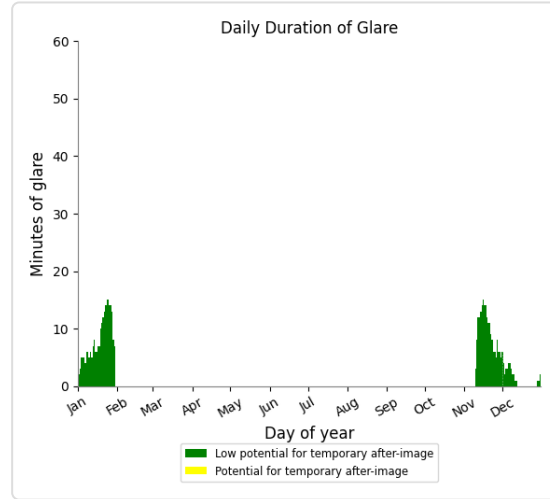
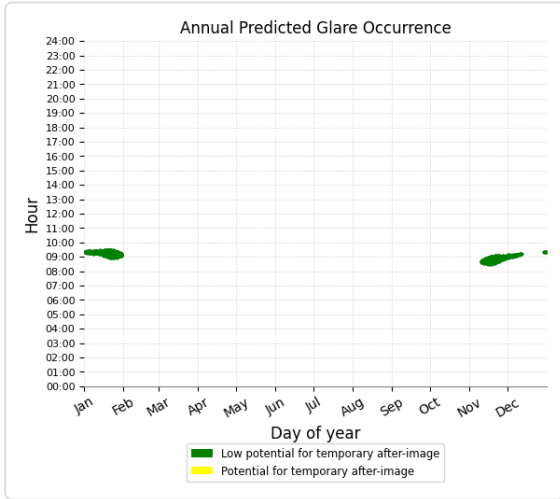
Yellow glare: none
 Green glare: 384 min.



PV array 15 and OP 23

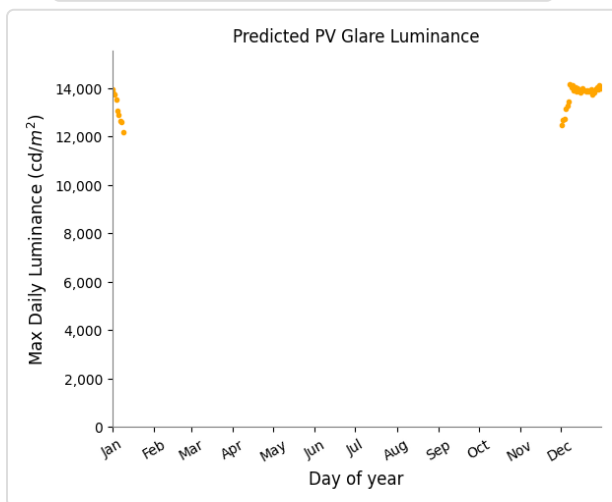
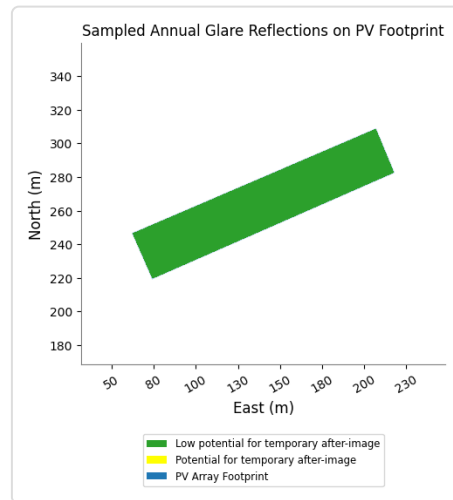
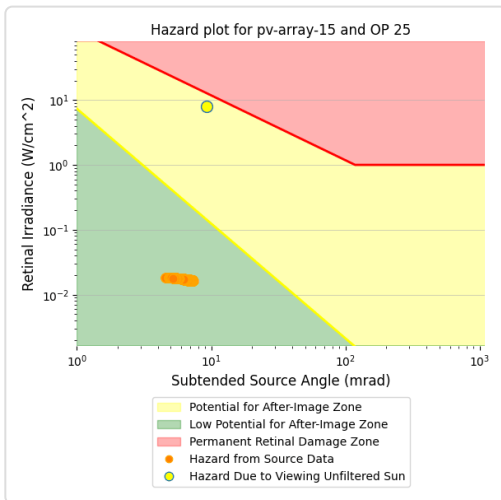
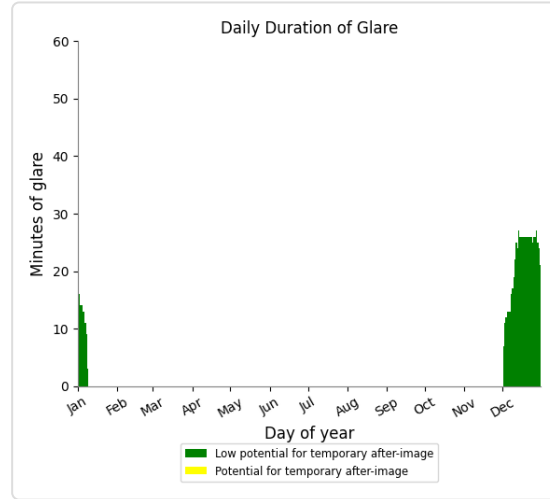
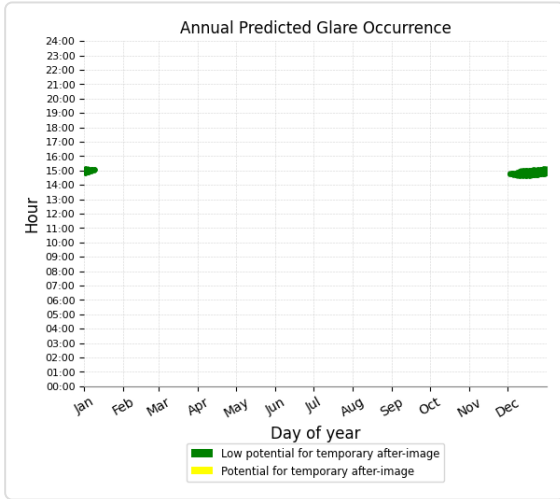
Yellow glare: none

Green glare: 478 min.



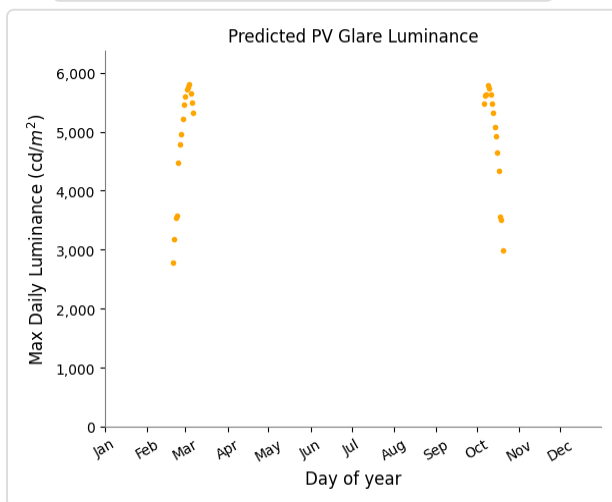
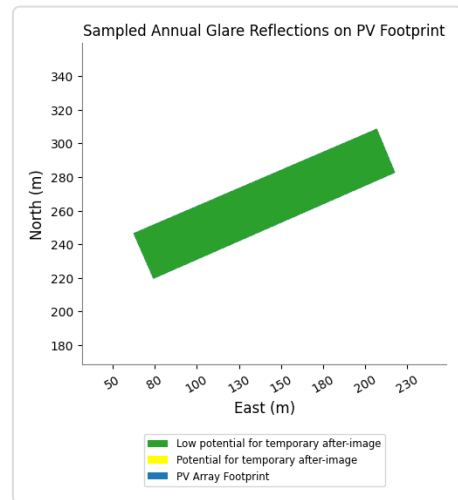
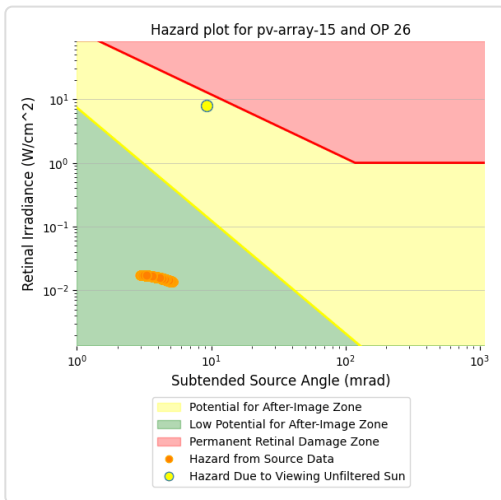
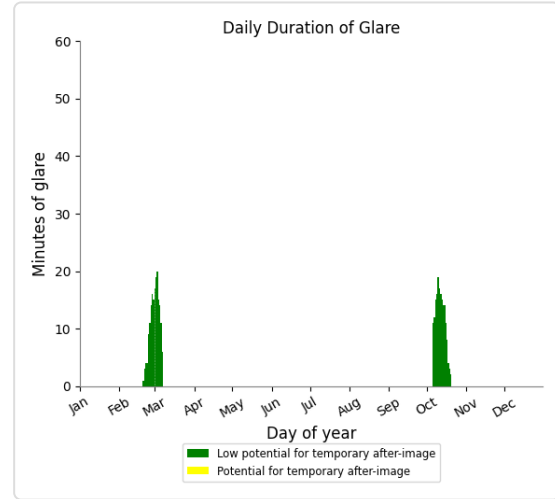
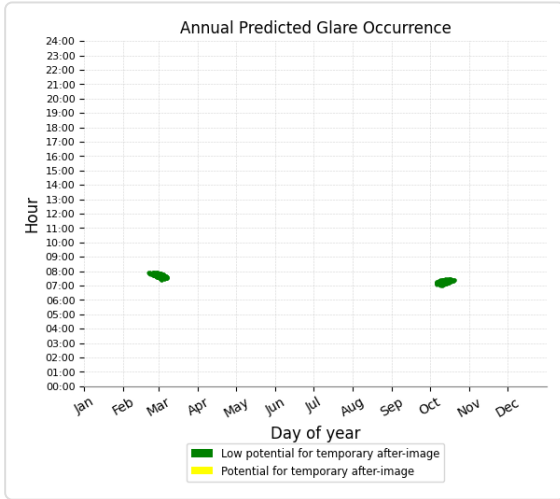
PV array 15 and OP 25

Yellow glare: none
 Green glare: 763 min.



PV array 15 and OP 26

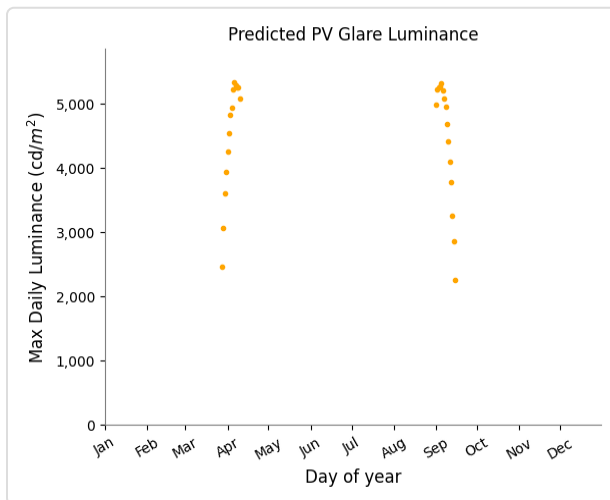
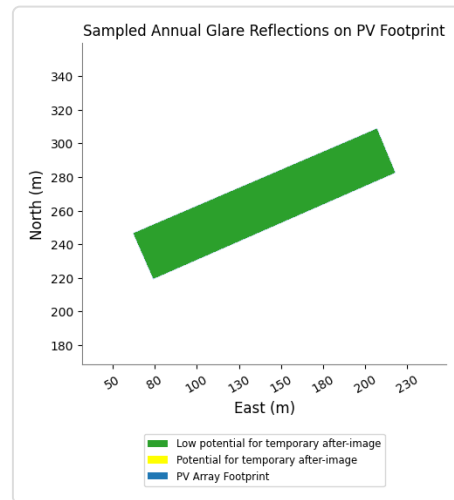
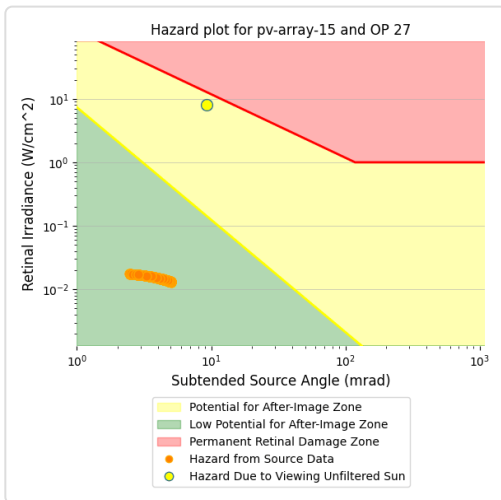
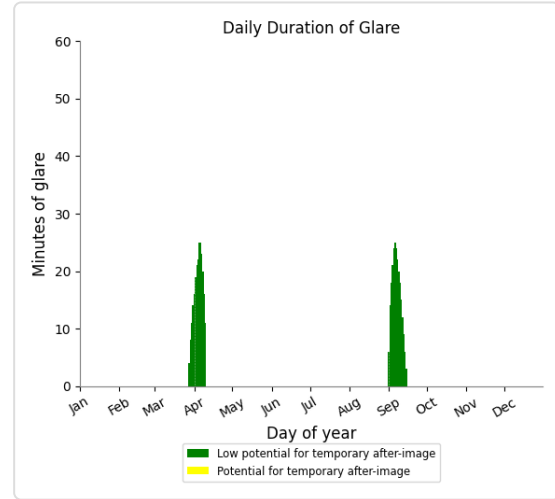
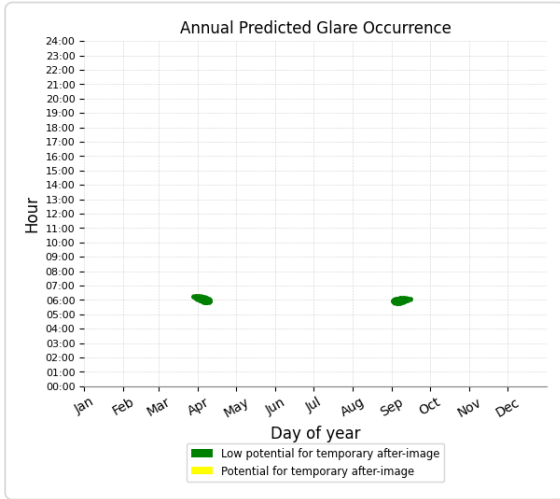
Yellow glare: none
 Green glare: 356 min.



PV array 15 and OP 27

Yellow glare: none

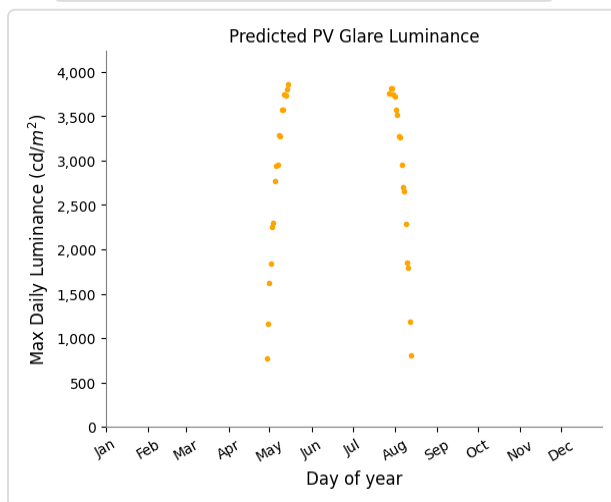
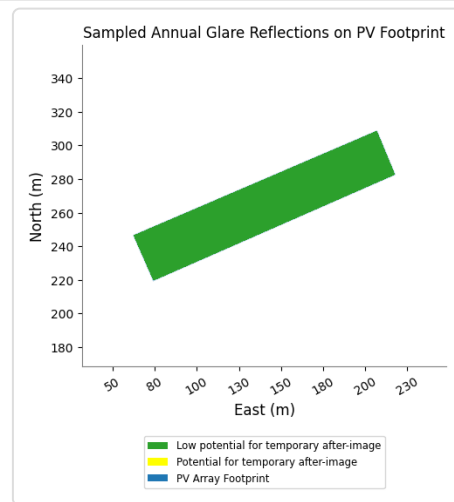
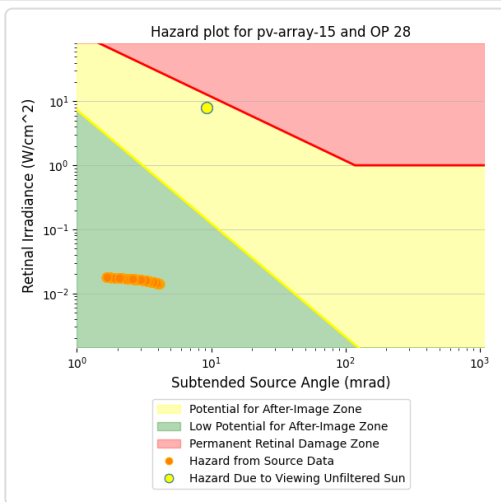
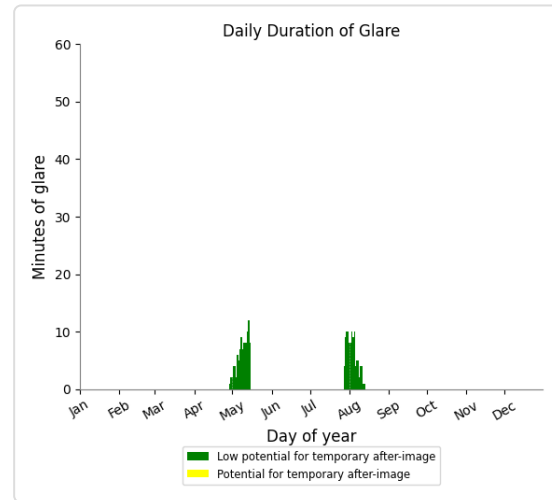
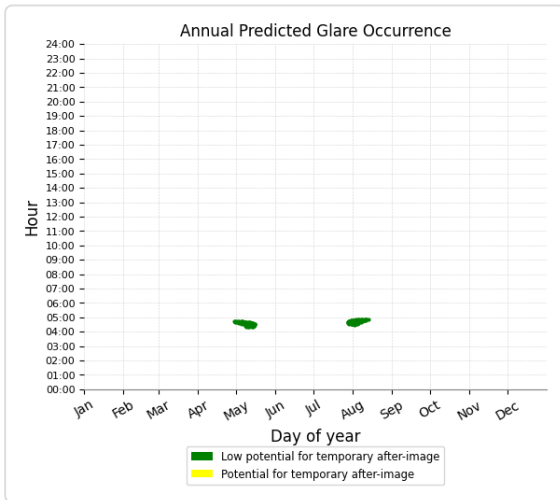
Green glare: 472 min.



PV array 15 and OP 28

Yellow glare: none

Green glare: 207 min.



PV array 15 and OP 1

No glare found

PV array 15 and OP 2

No glare found

PV array 15 and OP 3

No glare found

PV array 15 and OP 4

No glare found

PV array 15 and OP 5

No glare found

PV array 15 and OP 6

No glare found

PV array 15 and OP 7

No glare found

PV array 15 and OP 8

No glare found

PV array 15 and OP 11

No glare found

PV array 15 and OP 12

No glare found

PV array 15 and OP 14

No glare found

PV array 15 and OP 15

No glare found

PV array 15 and OP 16

No glare found

PV array 15 and OP 17

No glare found

PV array 15 and OP 18

No glare found

PV array 15 and OP 19

No glare found

PV array 15 and OP 20

No glare found

PV array 15 and OP 21

No glare found

PV array 15 and OP 22

No glare found

PV array 15 and OP 24

No glare found

PV array 15 and OP 29

No glare found

PV array 15 and OP 30

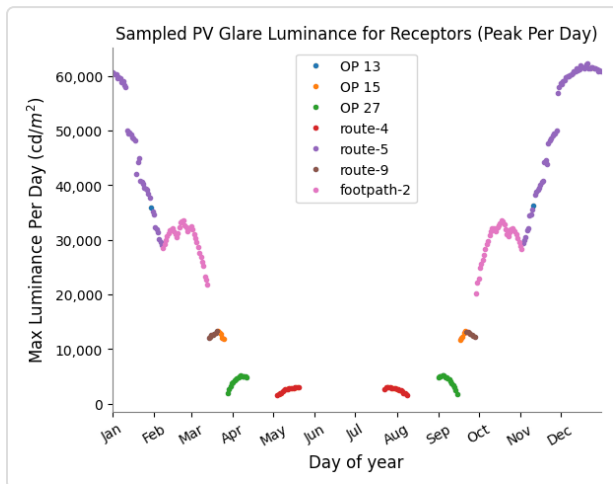
No glare found

PV: PV array 16 low potential for temporary after-image

Receptor results ordered by category of glare

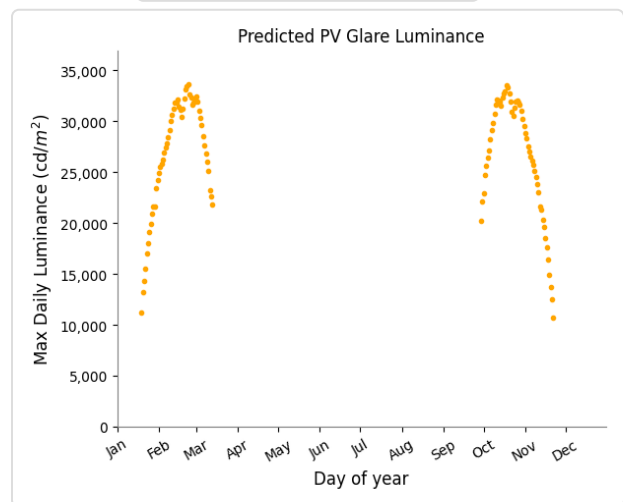
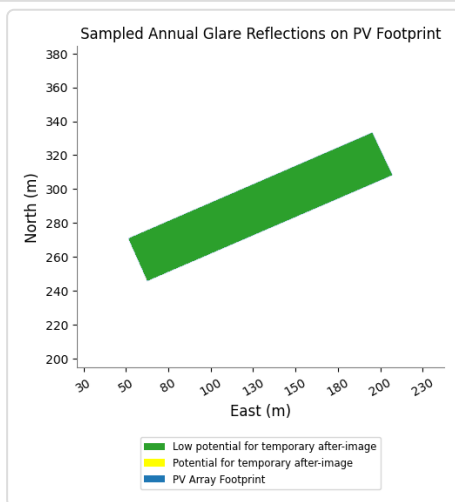
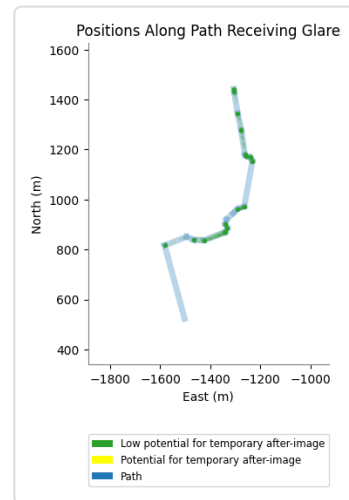
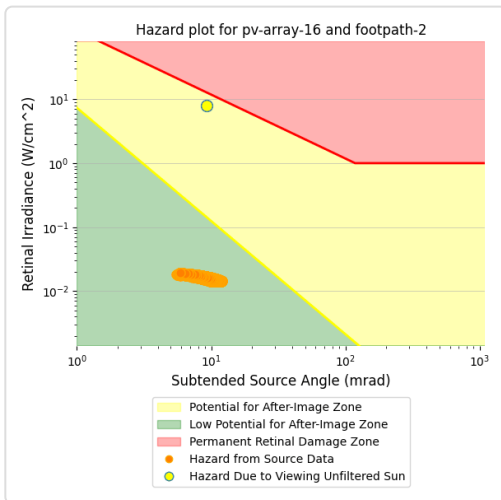
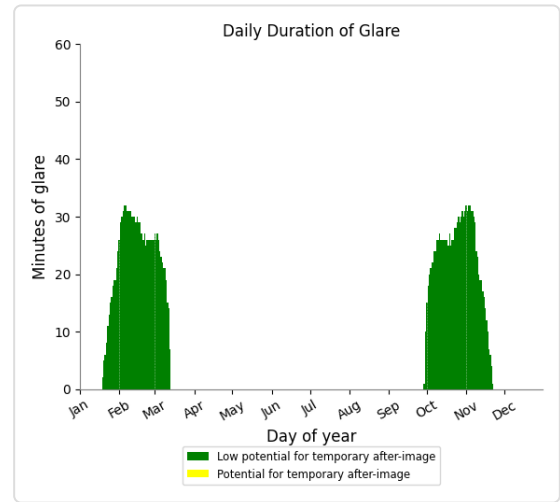
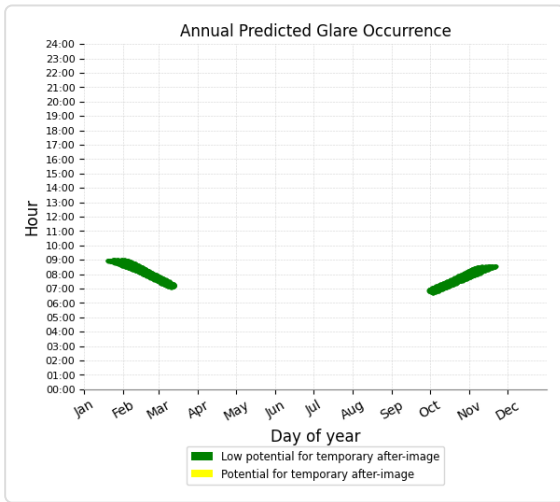
Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
Footpath 2	2,495	41.6	0	0.0	33,623
Footpath 3	1,097	18.3	0	0.0	51,253
Footpath 4	1,304	21.7	0	0.0	37,095
Route 12	404	6.7	0	0.0	9,153
Route 13	1,468	24.5	0	0.0	5,862
Route 4	217	3.6	0	0.0	2,994
Route 5	4,761	79.3	0	0.0	62,218
Route 6	2,201	36.7	0	0.0	57,803
Route 7	5,341	89.0	0	0.0	15,179
Route 9	1,149	19.1	0	0.0	13,320
Footpath 1	0	0.0	0	0.0	0
Route 1	0	0.0	0	0.0	0
Route 10	0	0.0	0	0.0	0
Route 11	0	0.0	0	0.0	0
Route 14	0	0.0	0	0.0	0
Route 15	0	0.0	0	0.0	0
Route 16	0	0.0	0	0.0	0
Route 2	0	0.0	0	0.0	0
Route 3	0	0.0	0	0.0	0
Route 8	0	0.0	0	0.0	0
FP 1	0	0.0	0	0.0	0
FP 2	0	0.0	0	0.0	0
OP 13	2,100	35.0	0	0.0	39,749
OP 14	822	13.7	0	0.0	14,651
OP 15	397	6.6	0	0.0	13,332
OP 23	1,454	24.2	0	0.0	8,291
OP 25	967	16.1	0	0.0	13,516
OP 26	563	9.4	0	0.0	5,557
OP 27	507	8.4	0	0.0	5,113
OP 1	0	0.0	0	0.0	0
OP 2	0	0.0	0	0.0	0
OP 3	0	0.0	0	0.0	0
OP 4	0	0.0	0	0.0	0
OP 5	0	0.0	0	0.0	0
OP 6	0	0.0	0	0.0	0
OP 7	0	0.0	0	0.0	0
OP 8	0	0.0	0	0.0	0
OP 9	0	0.0	0	0.0	0

Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
OP 10	0	0.0	0	0.0	0
OP 11	0	0.0	0	0.0	0
OP 12	0	0.0	0	0.0	0
OP 16	0	0.0	0	0.0	0
OP 17	0	0.0	0	0.0	0
OP 18	0	0.0	0	0.0	0
OP 19	0	0.0	0	0.0	0
OP 20	0	0.0	0	0.0	0
OP 21	0	0.0	0	0.0	0
OP 22	0	0.0	0	0.0	0
OP 24	0	0.0	0	0.0	0
OP 28	0	0.0	0	0.0	0
OP 29	0	0.0	0	0.0	0
OP 30	0	0.0	0	0.0	0



PV array 16 and Route: Footpath 2

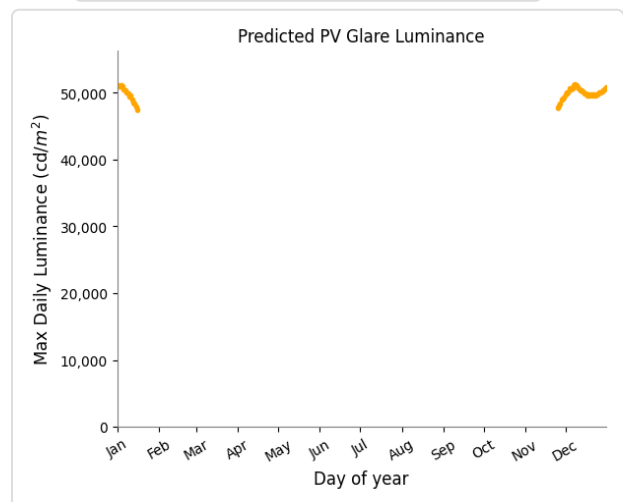
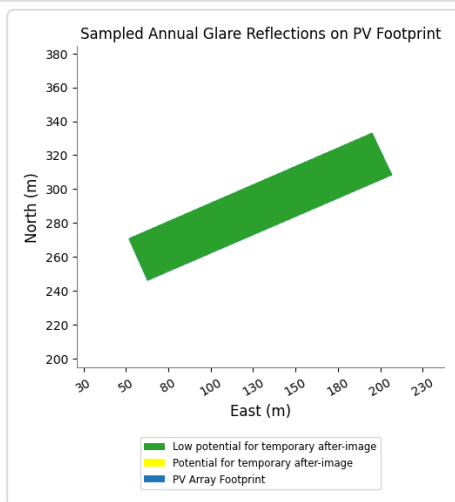
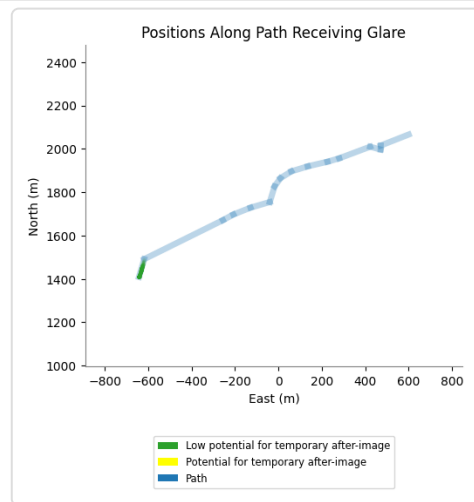
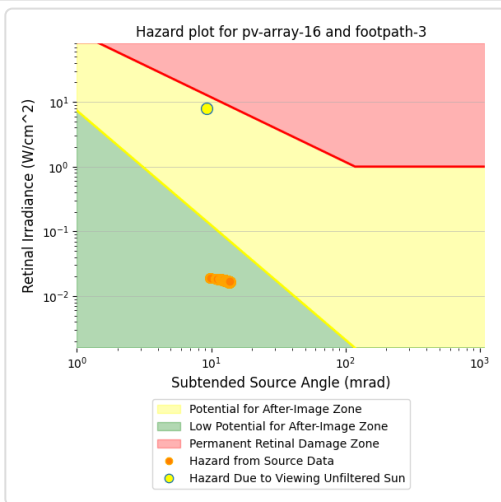
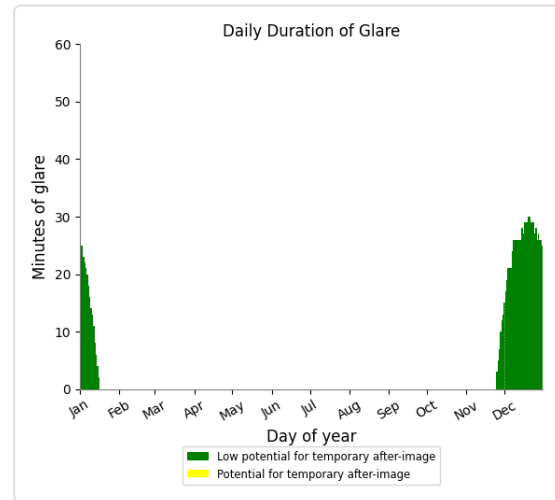
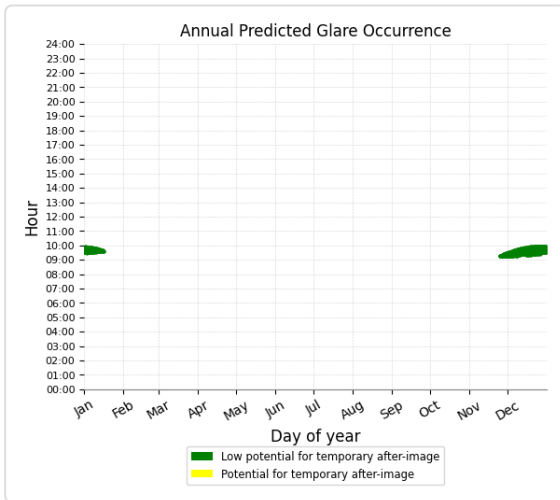
Yellow glare: none
 Green glare: 2,495 min.



PV array 16 and Route: Footpath 3

Yellow glare: none

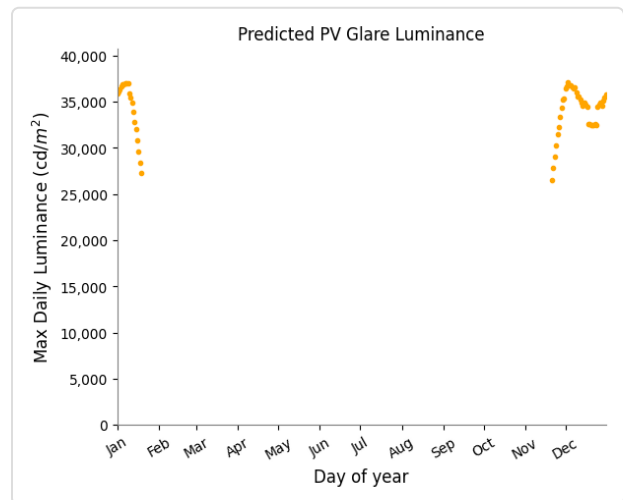
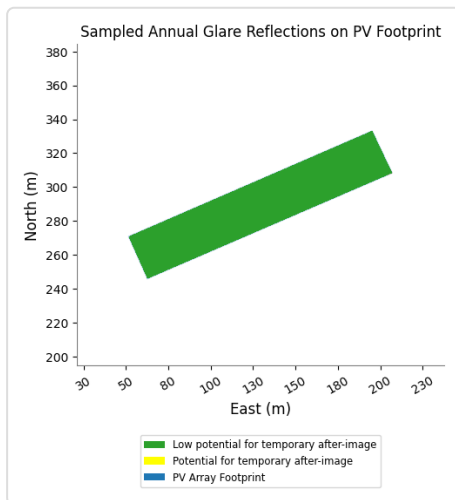
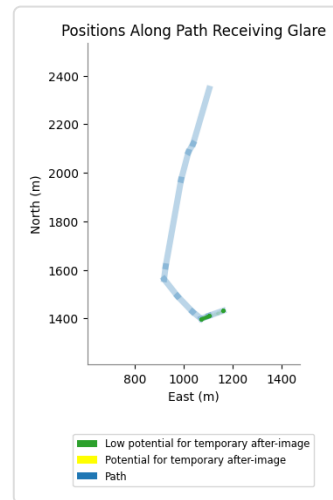
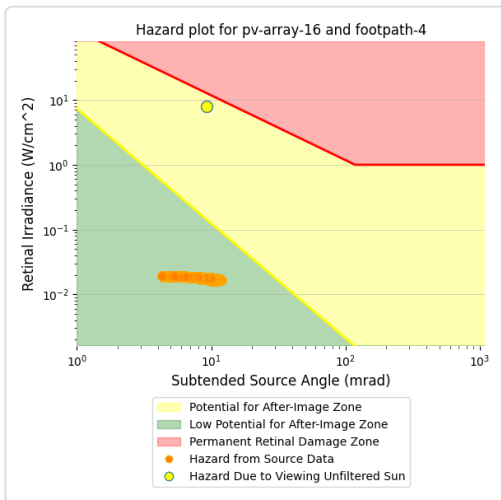
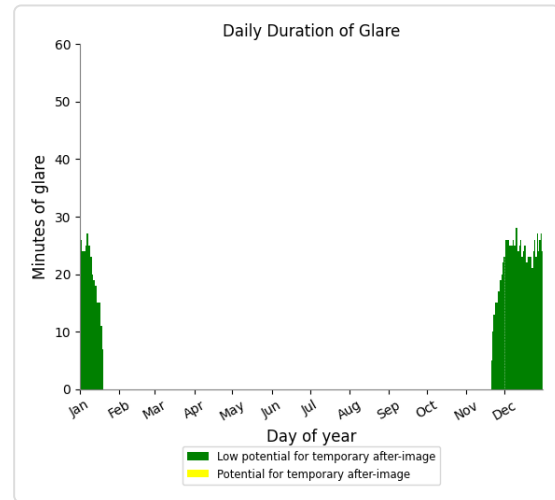
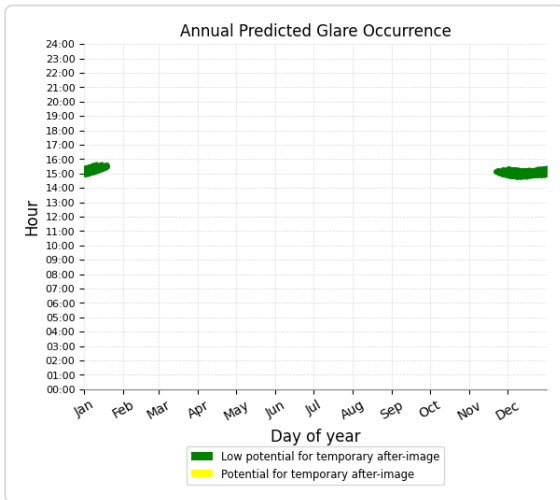
Green glare: 1,097 min.



PV array 16 and Route: Footpath 4

Yellow glare: none

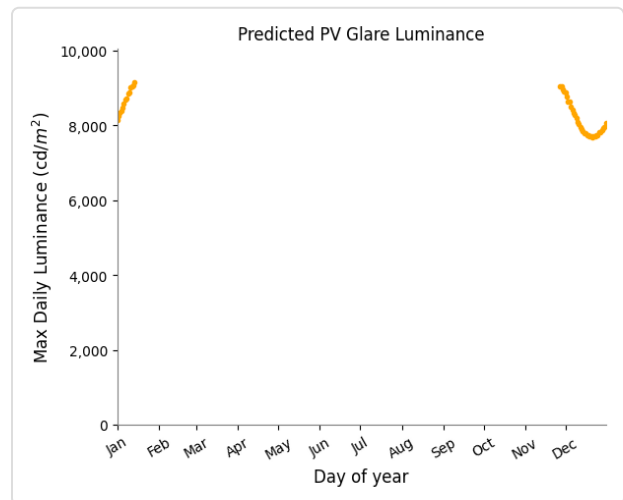
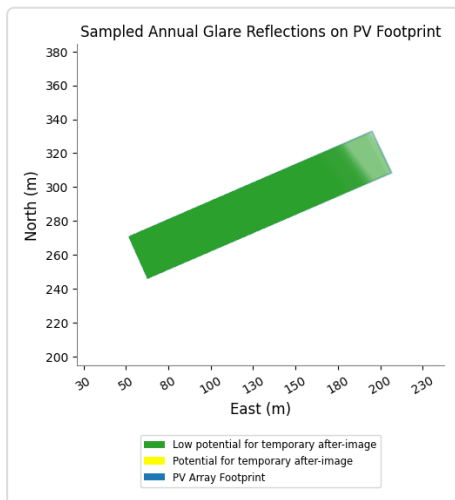
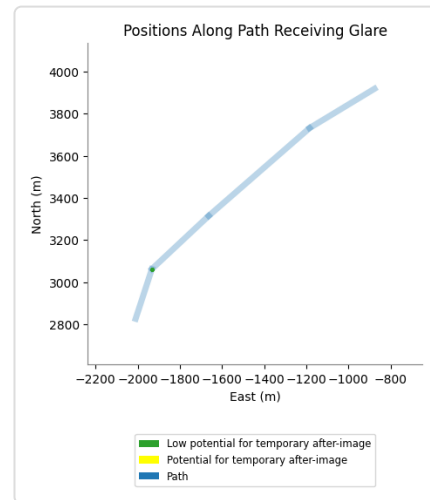
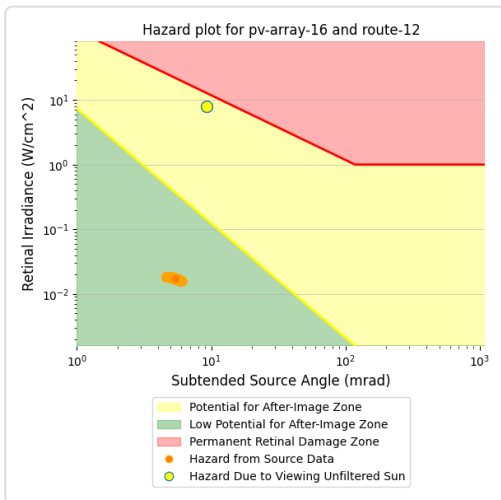
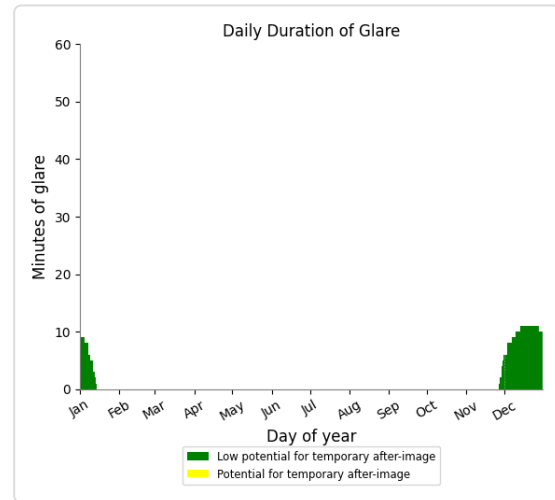
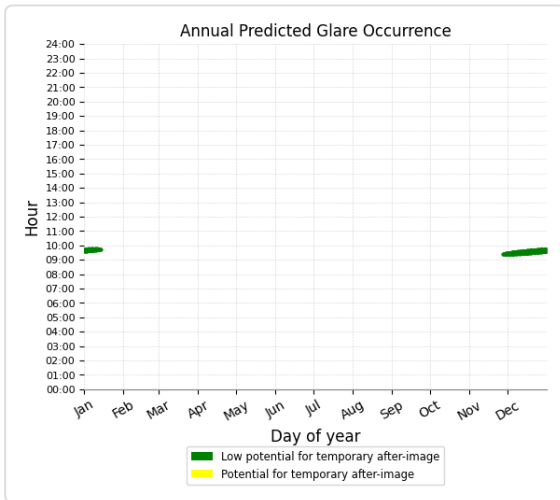
Green glare: 1,304 min.



PV array 16 and Route: Route 12

Yellow glare: none

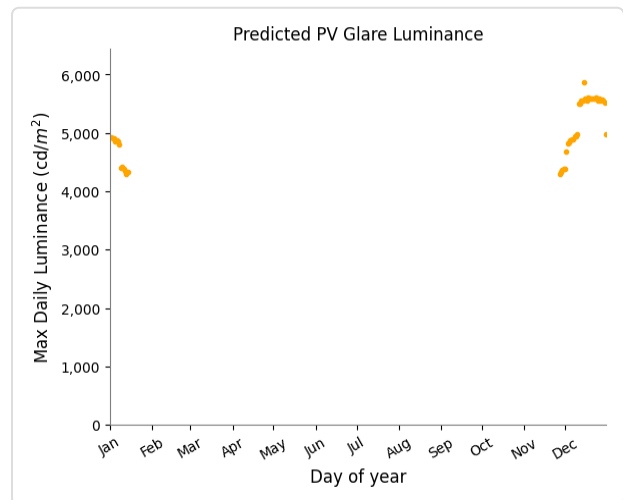
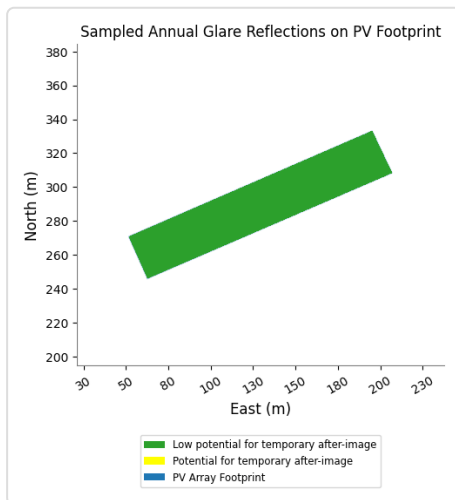
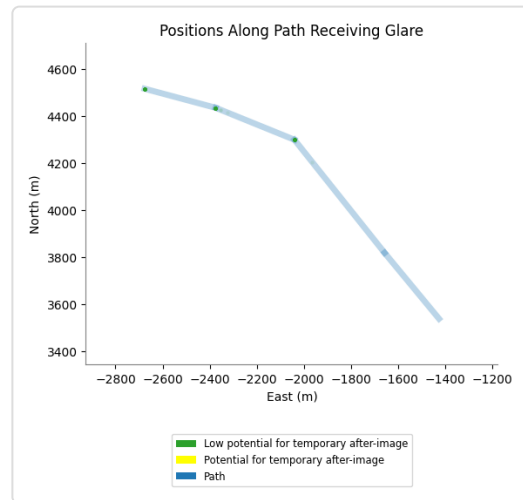
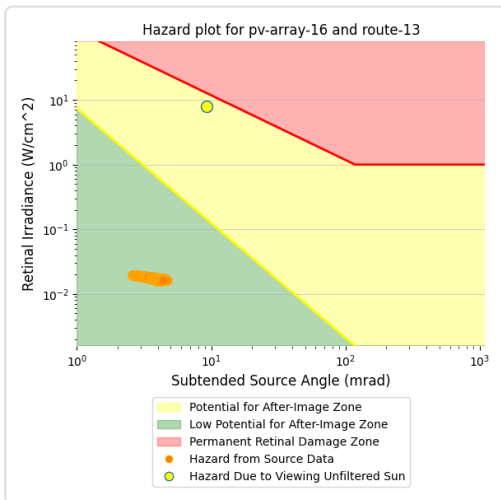
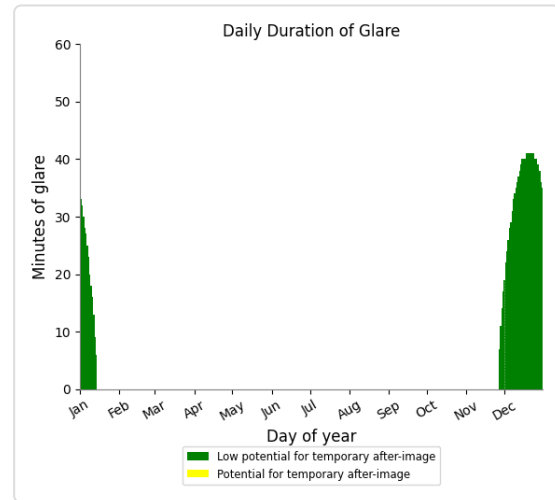
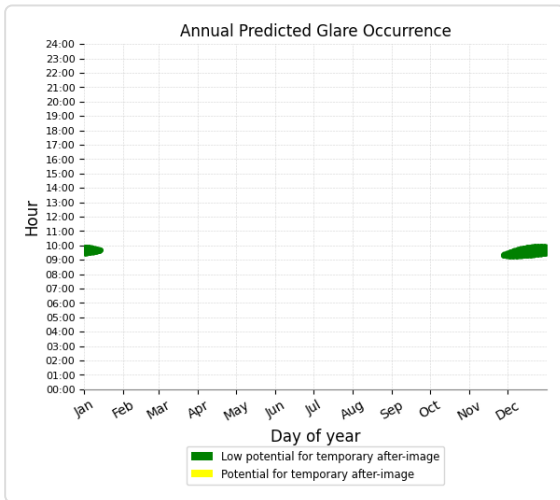
Green glare: 404 min.



PV array 16 and Route: Route 13

Yellow glare: none

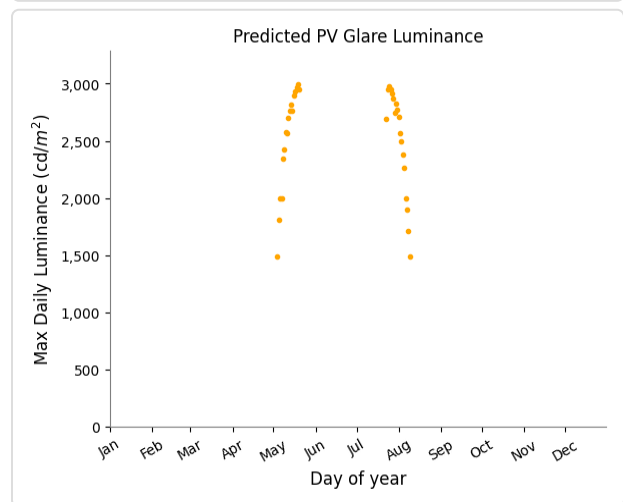
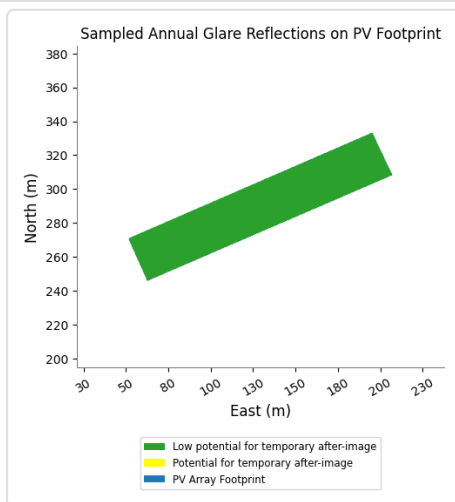
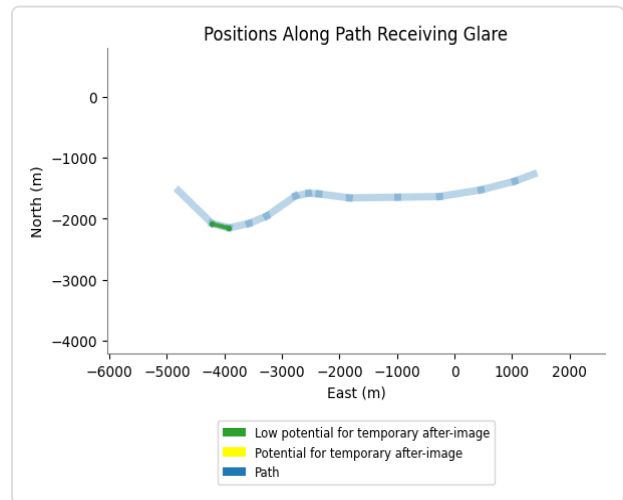
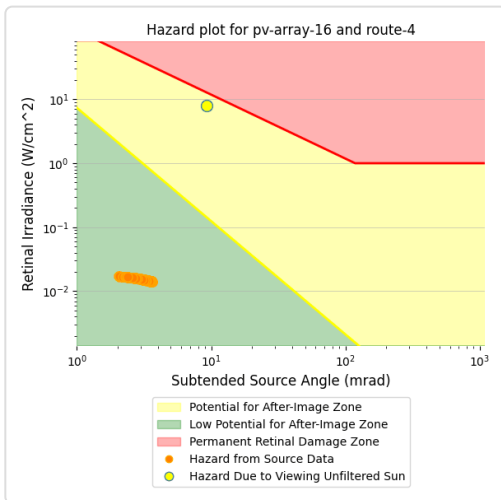
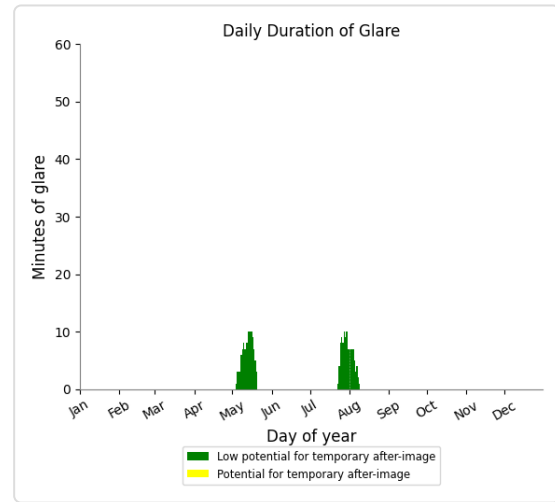
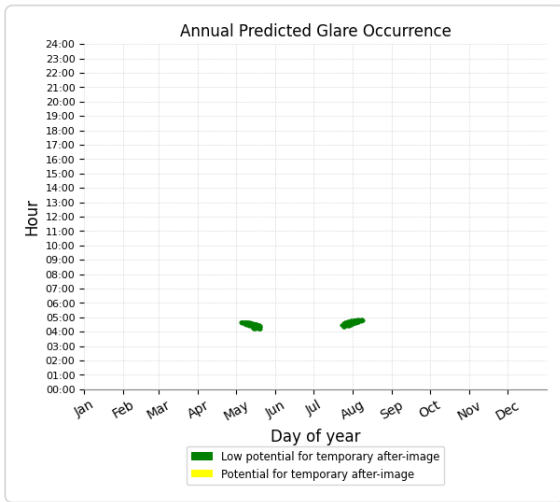
Green glare: 1,468 min.



PV array 16 and Route: Route 4

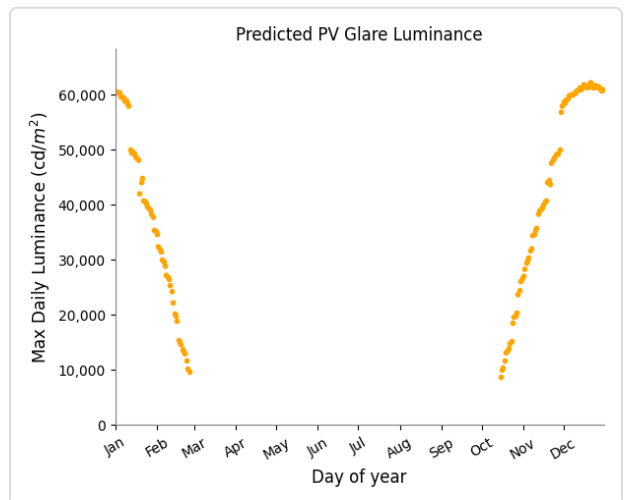
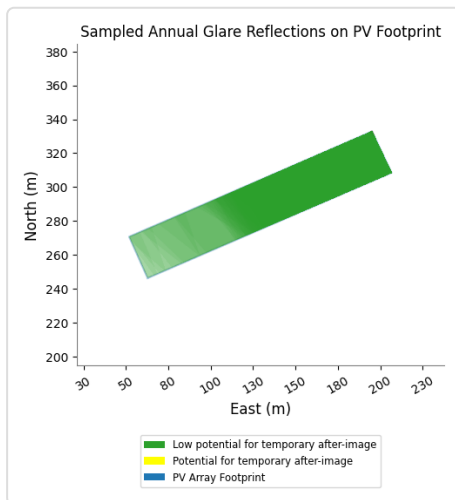
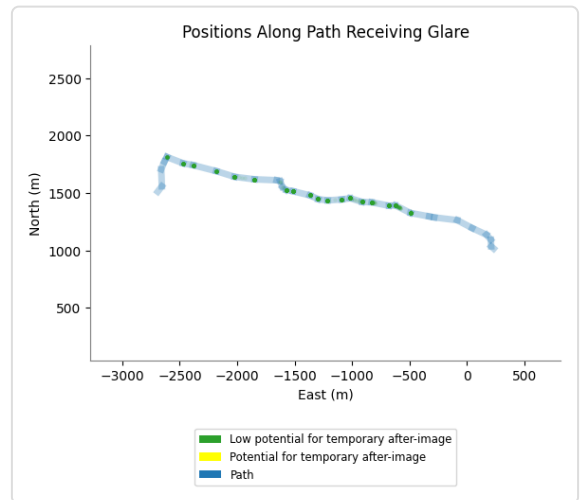
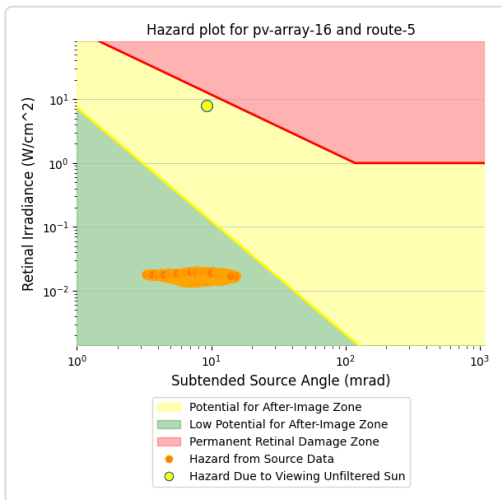
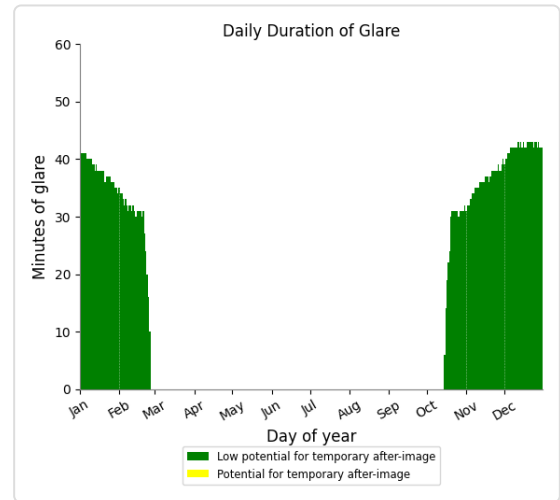
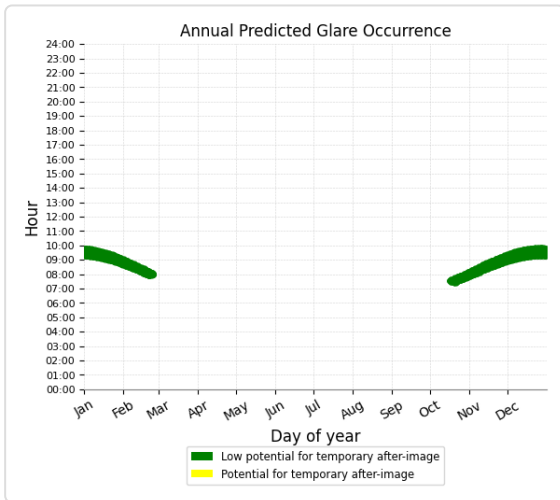
Yellow glare: none

Green glare: 217 min.



PV array 16 and Route: Route 5

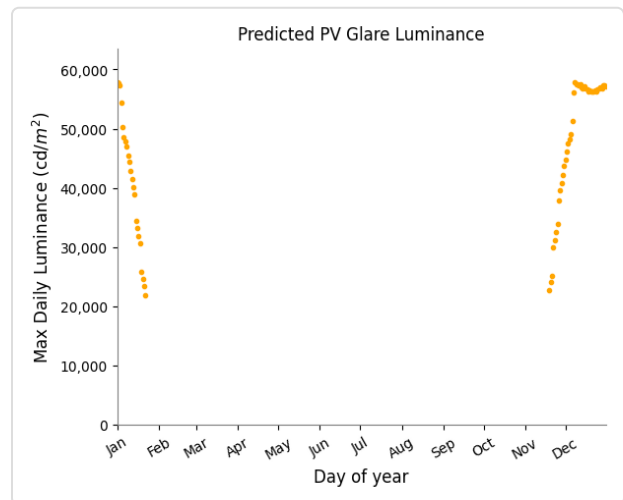
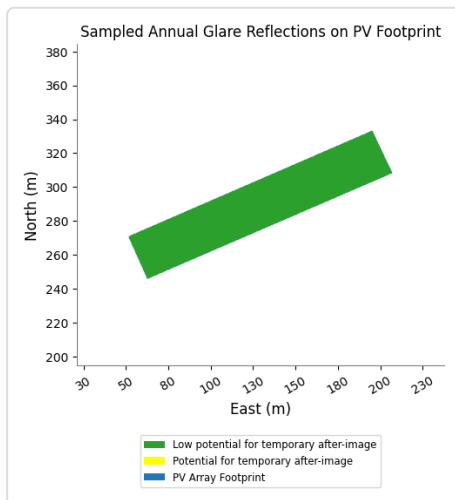
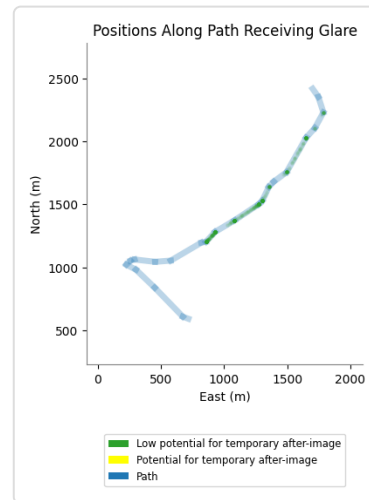
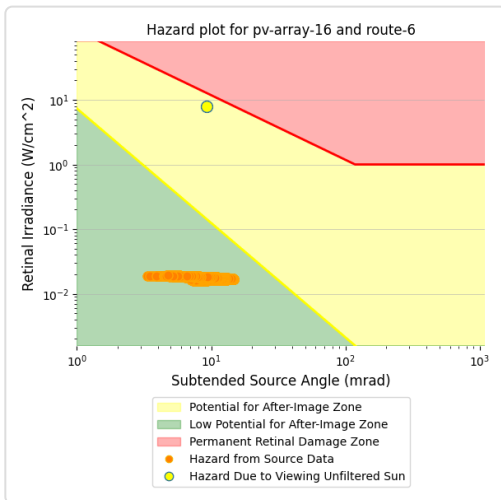
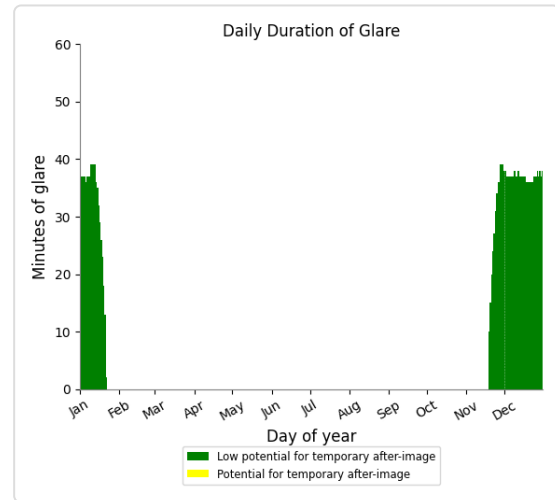
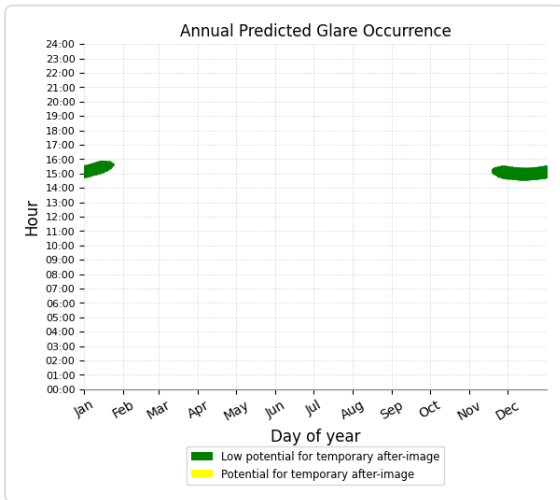
Yellow glare: none
 Green glare: 4,761 min.



PV array 16 and Route: Route 6

Yellow glare: none

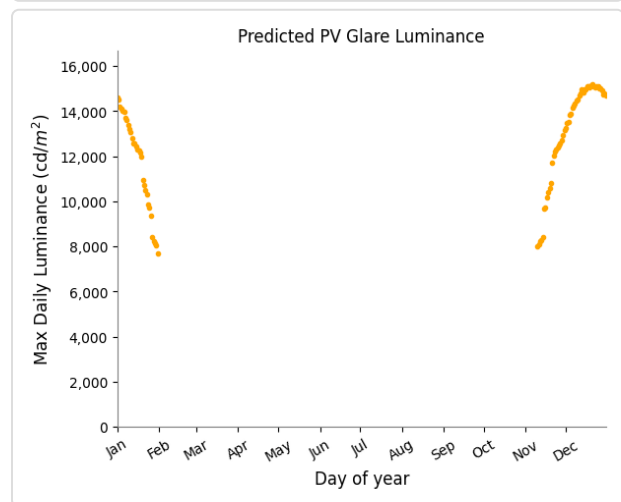
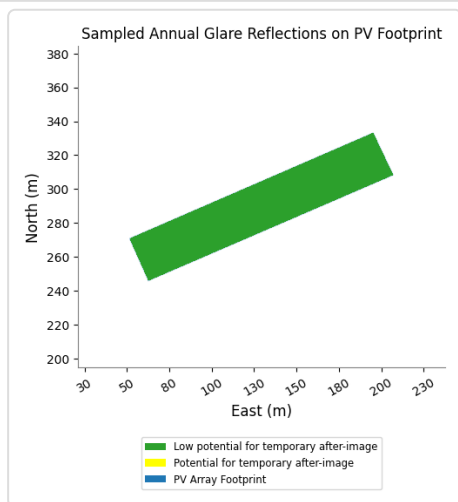
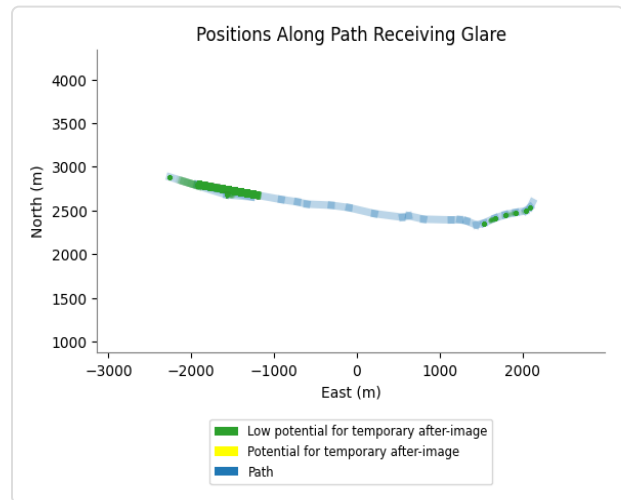
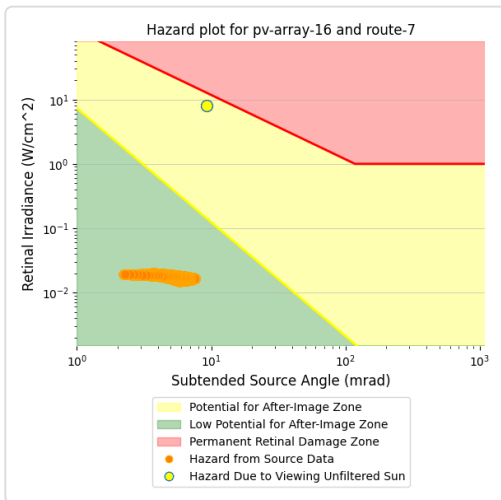
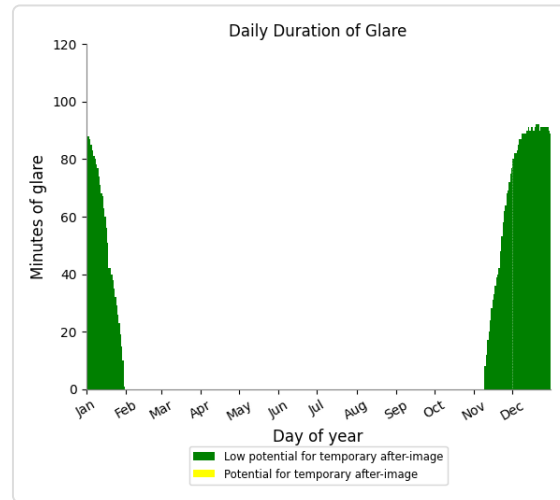
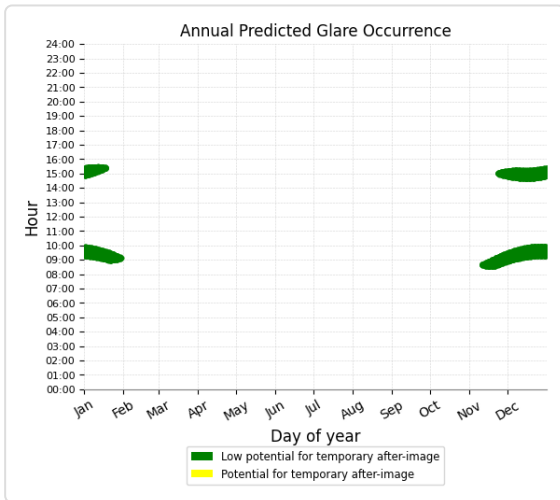
Green glare: 2,201 min.



PV array 16 and Route: Route 7

Yellow glare: none

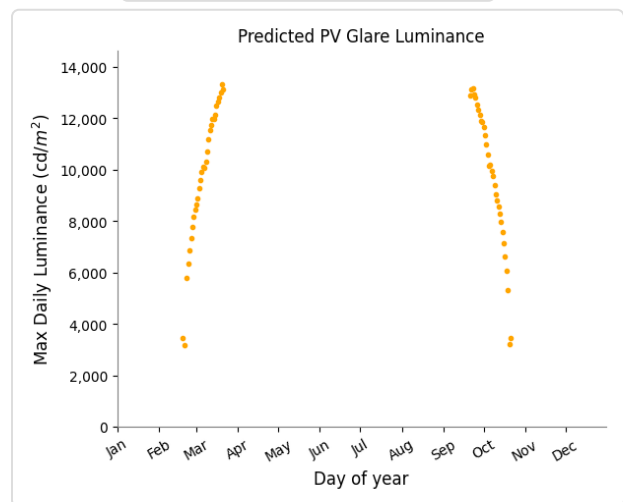
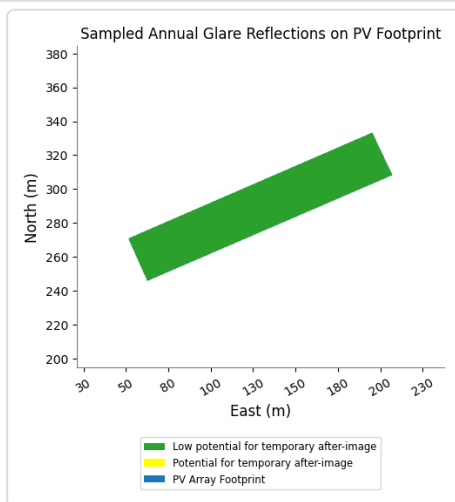
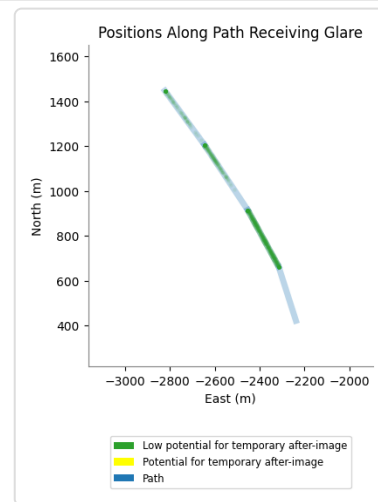
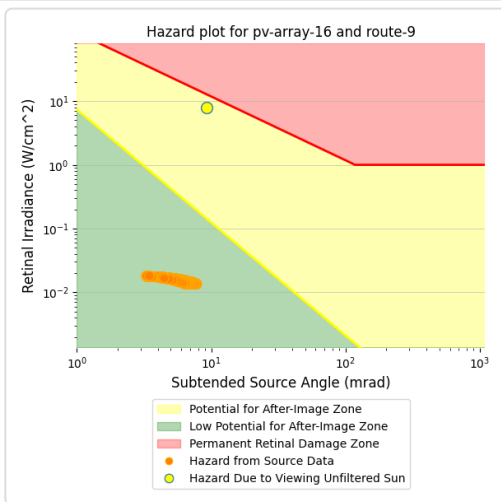
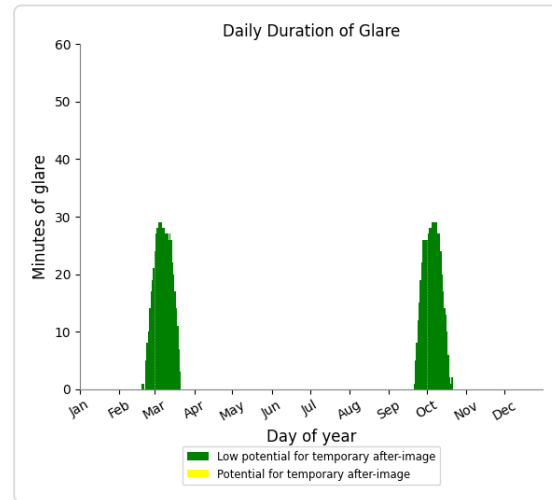
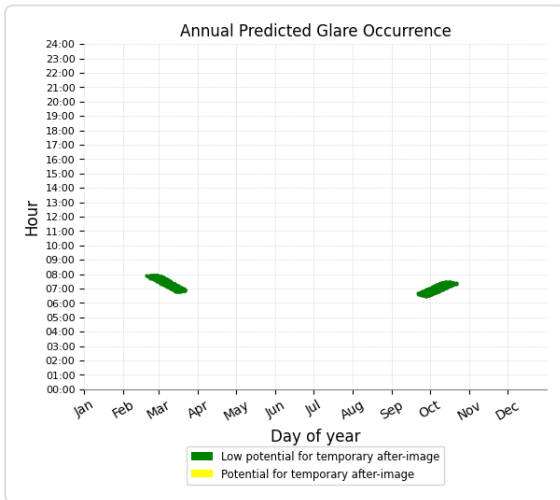
Green glare: 5,341 min.



PV array 16 and Route: Route 9

Yellow glare: none

Green glare: 1,149 min.



PV array 16 and Route: Footpath 1

No glare found

PV array 16 and Route: Route 1

No glare found

PV array 16 and Route: Route 10

No glare found

PV array 16 and Route: Route 11

No glare found

PV array 16 and Route: Route 14

No glare found

PV array 16 and Route: Route 15

No glare found

PV array 16 and Route: Route 16

No glare found

PV array 16 and Route: Route 2

No glare found

PV array 16 and Route: Route 3

No glare found

PV array 16 and Route: Route 8

No glare found

PV array 16 and FP: FP 1

No glare found

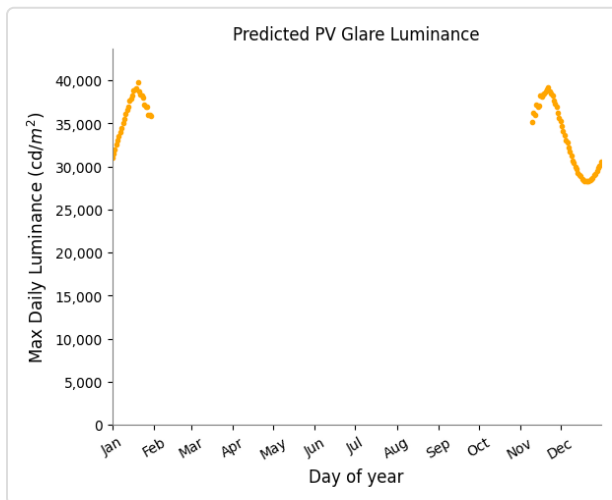
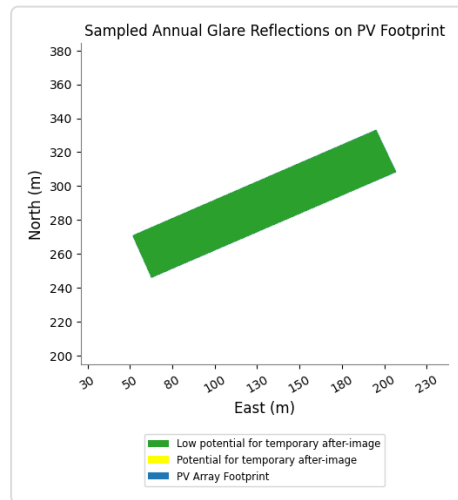
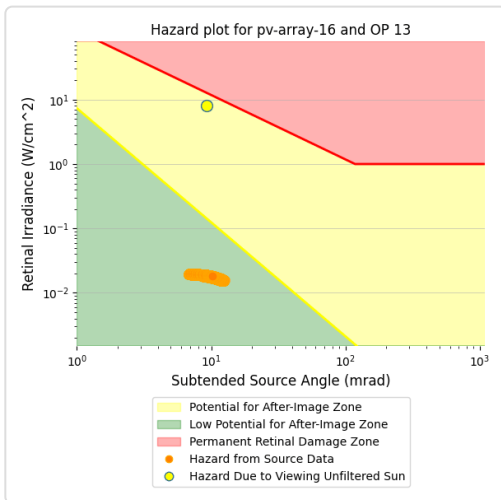
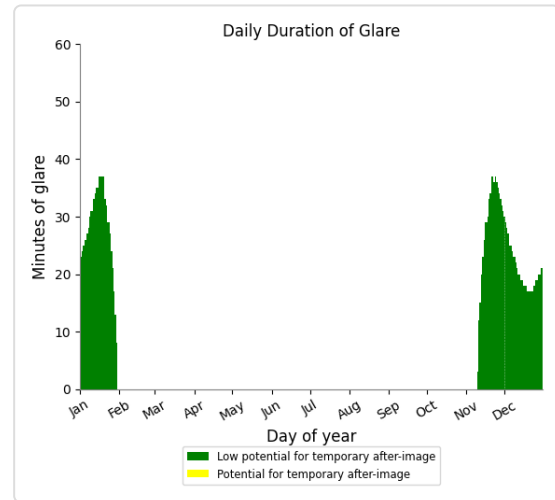
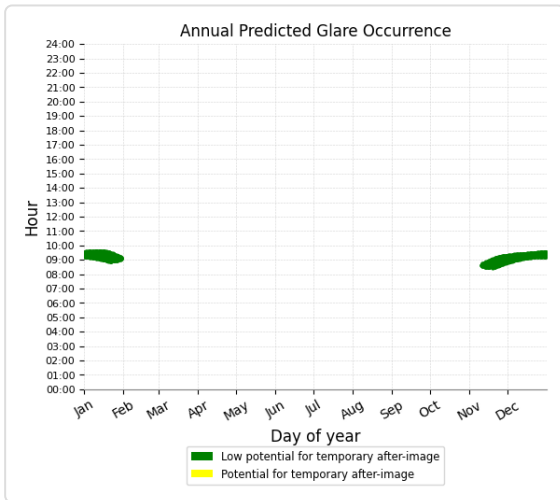
PV array 16 and FP: FP 2

No glare found

PV array 16 and OP 13

Yellow glare: none

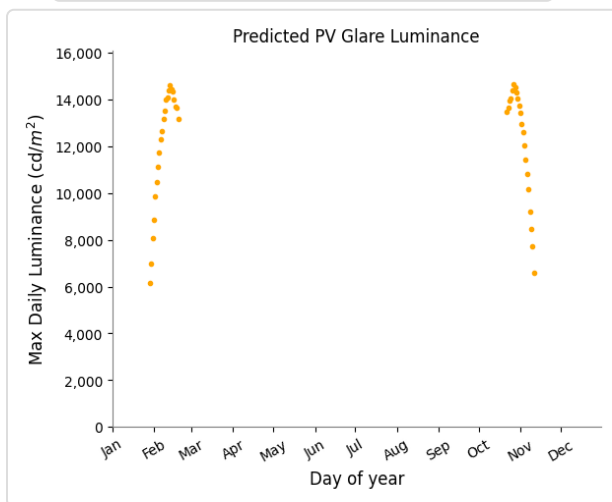
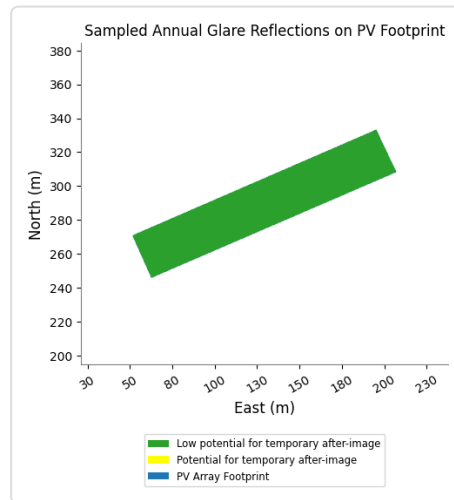
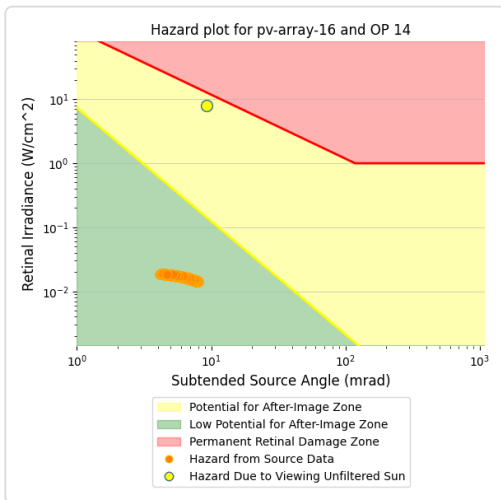
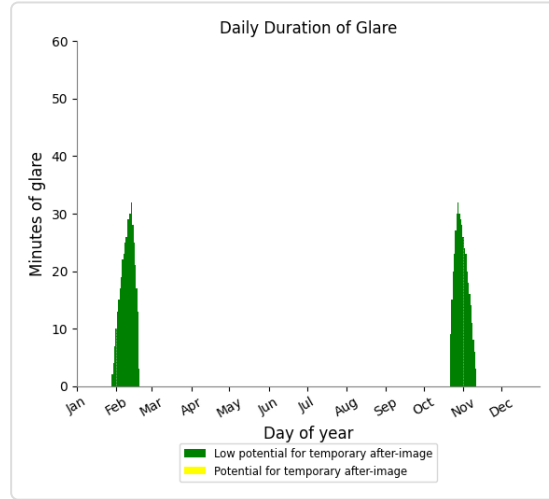
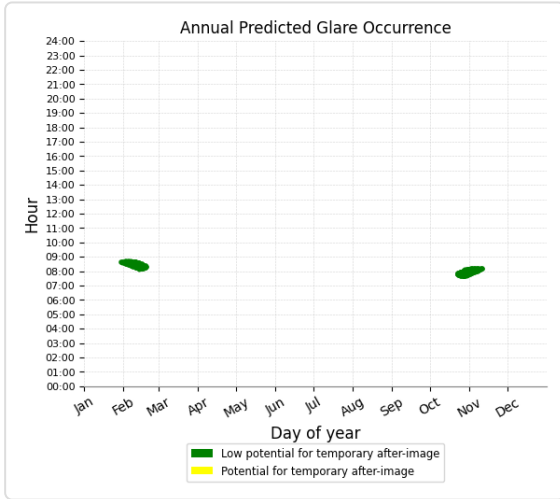
Green glare: 2,100 min.



PV array 16 and OP 14

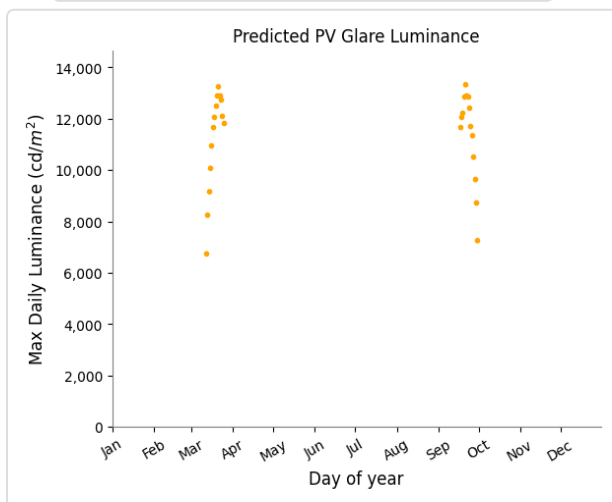
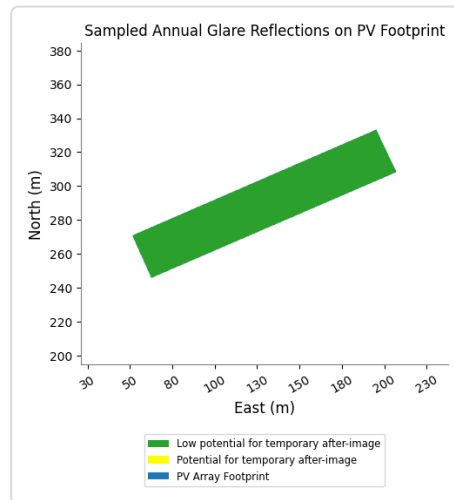
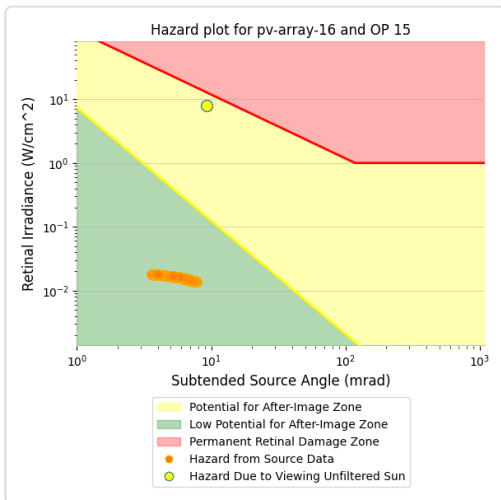
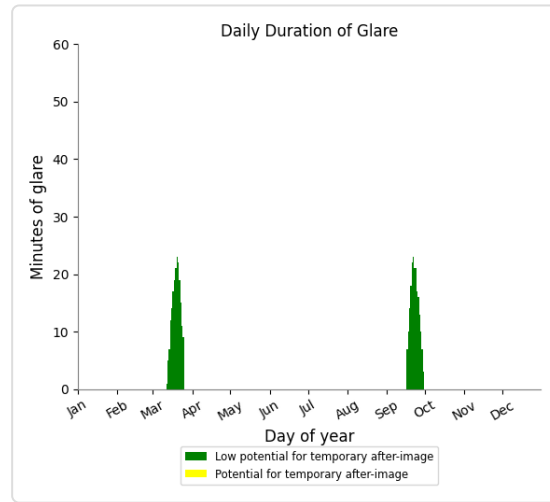
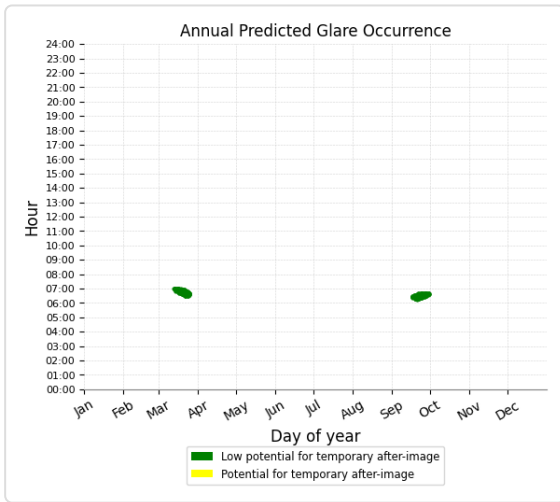
Yellow glare: none

Green glare: 822 min.



PV array 16 and OP 15

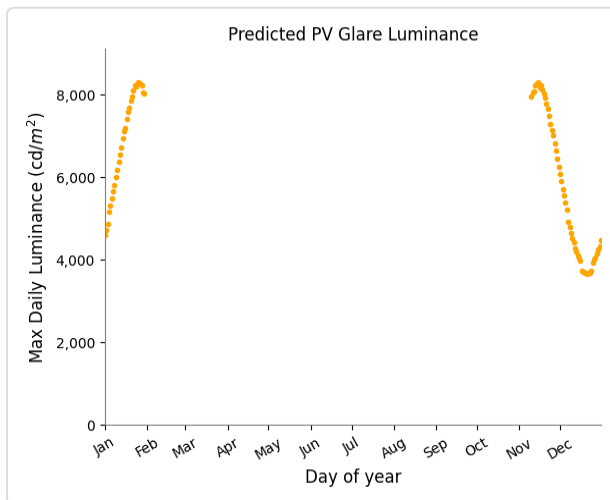
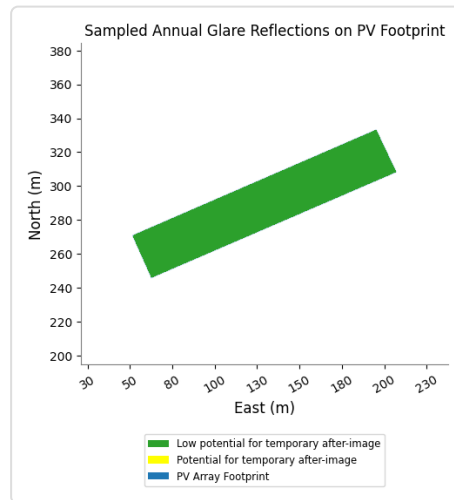
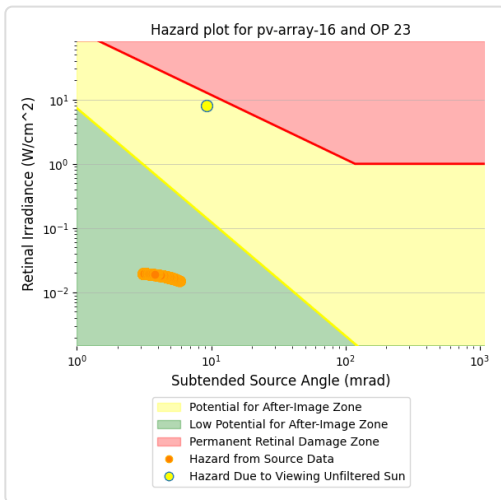
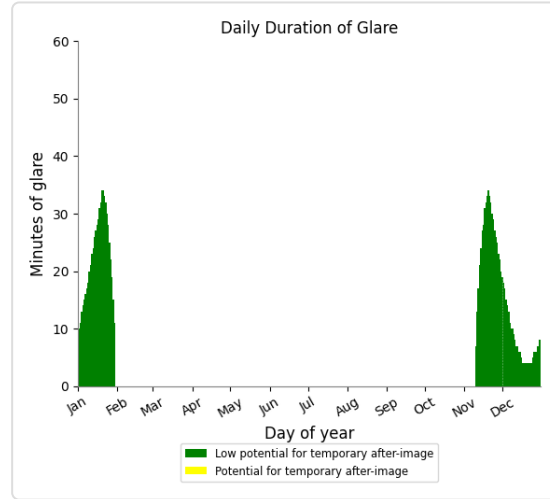
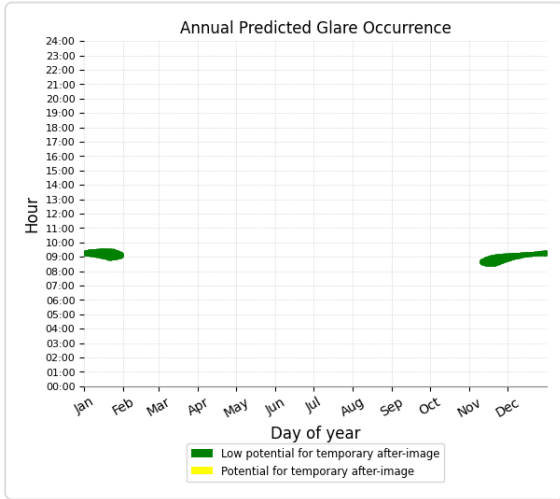
Yellow glare: none
 Green glare: 397 min.



PV array 16 and OP 23

Yellow glare: none

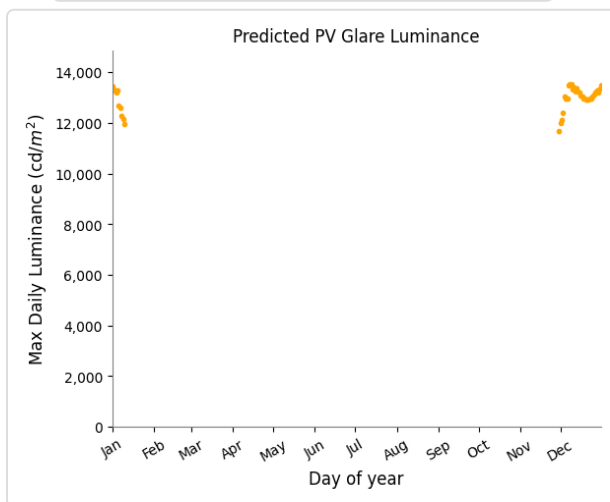
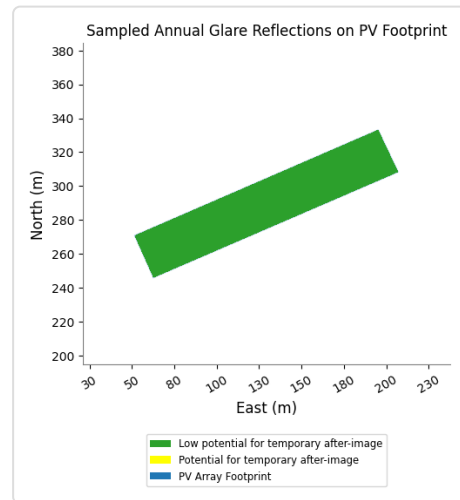
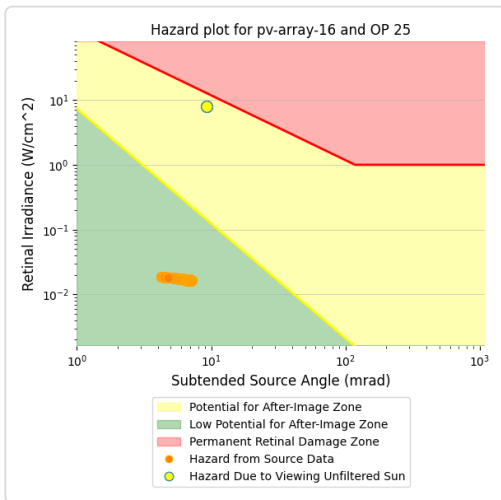
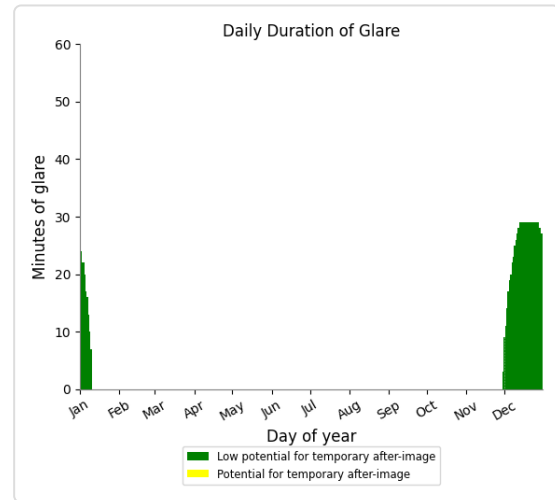
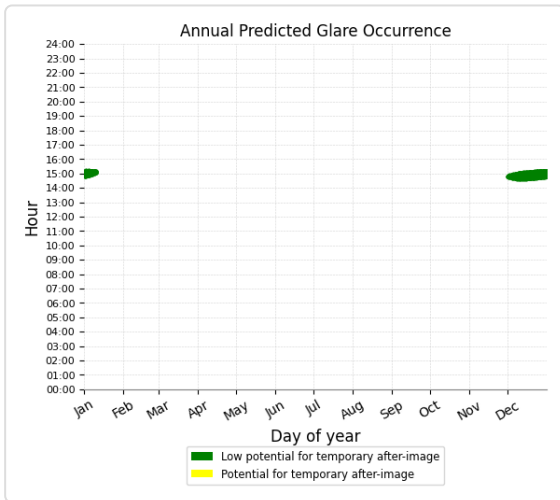
Green glare: 1,454 min.



PV array 16 and OP 25

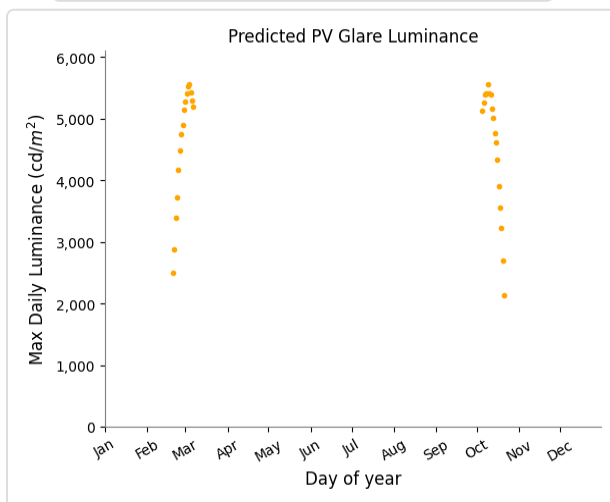
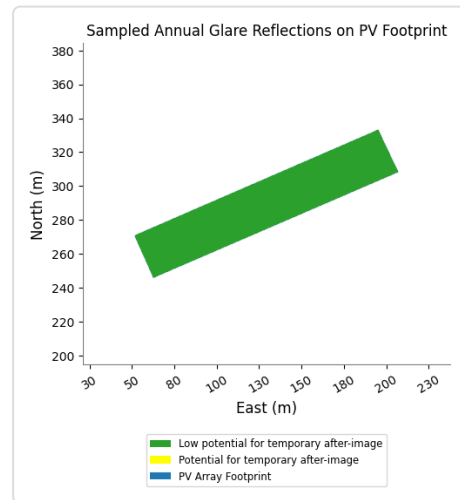
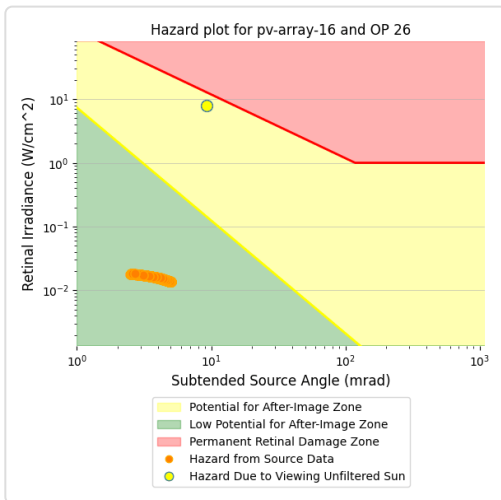
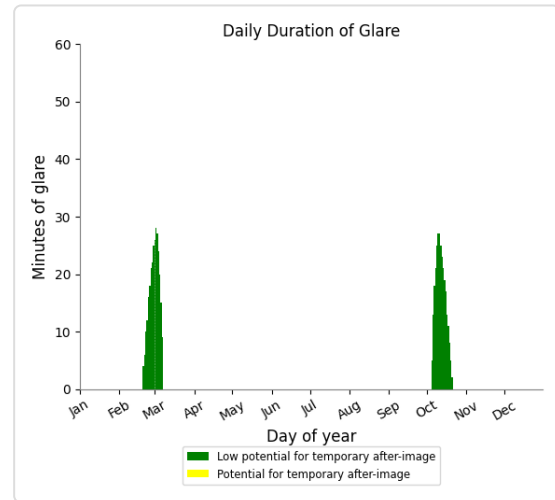
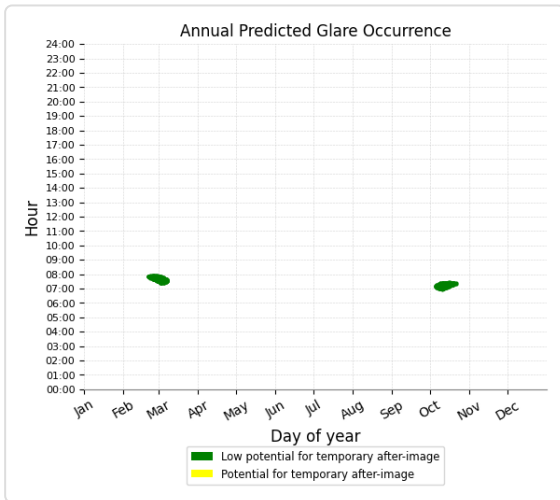
Yellow glare: none

Green glare: 967 min.



PV array 16 and OP 26

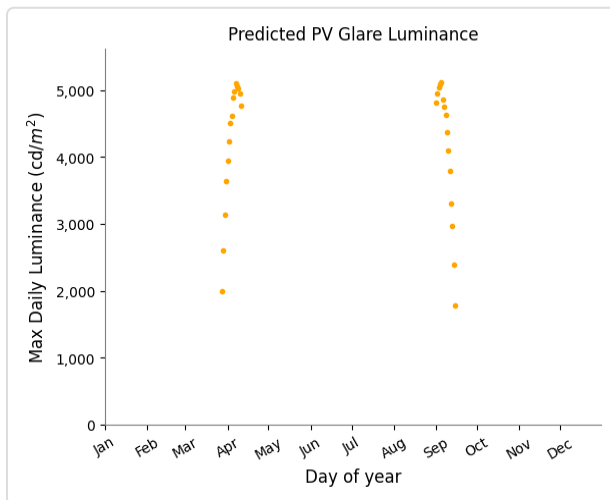
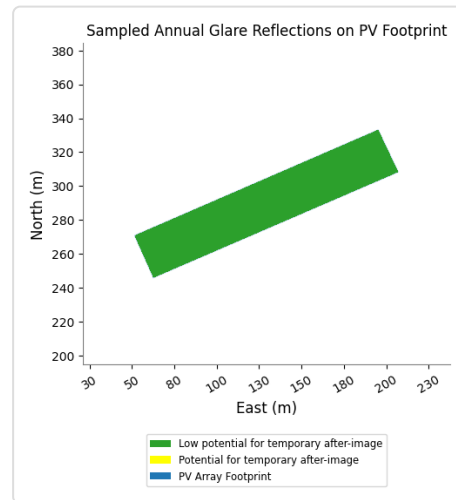
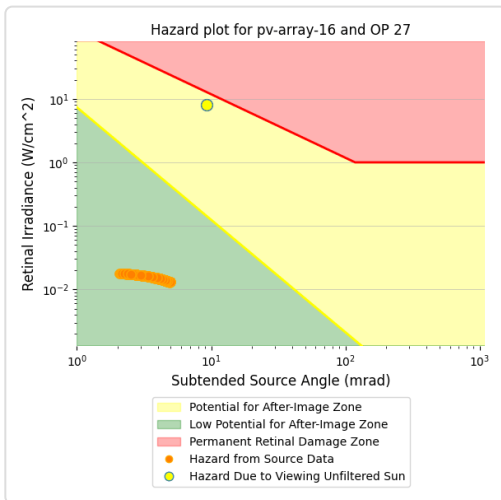
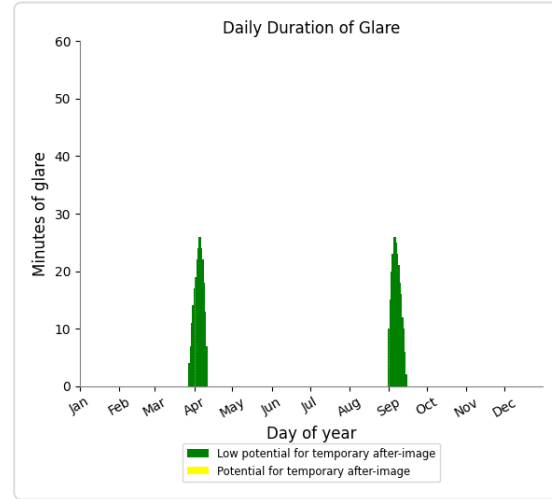
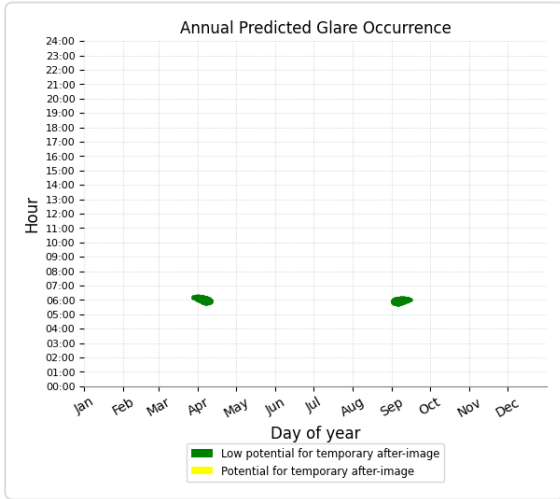
Yellow glare: none
 Green glare: 563 min.



PV array 16 and OP 27

Yellow glare: none

Green glare: 507 min.



PV array 16 and OP 1

No glare found

PV array 16 and OP 2

No glare found

PV array 16 and OP 3

No glare found

PV array 16 and OP 4

No glare found

PV array 16 and OP 5

No glare found

PV array 16 and OP 6

No glare found

PV array 16 and OP 7

No glare found

PV array 16 and OP 8

No glare found

PV array 16 and OP 9

No glare found

PV array 16 and OP 10

No glare found

PV array 16 and OP 11

No glare found

PV array 16 and OP 12

No glare found

PV array 16 and OP 16

No glare found

PV array 16 and OP 17

No glare found

PV array 16 and OP 18

No glare found

PV array 16 and OP 19

No glare found

PV array 16 and OP 20

No glare found

PV array 16 and OP 21

No glare found

PV array 16 and OP 22

No glare found

PV array 16 and OP 24

No glare found

PV array 16 and OP 28

No glare found

PV array 16 and OP 29

No glare found

PV array 16 and OP 30

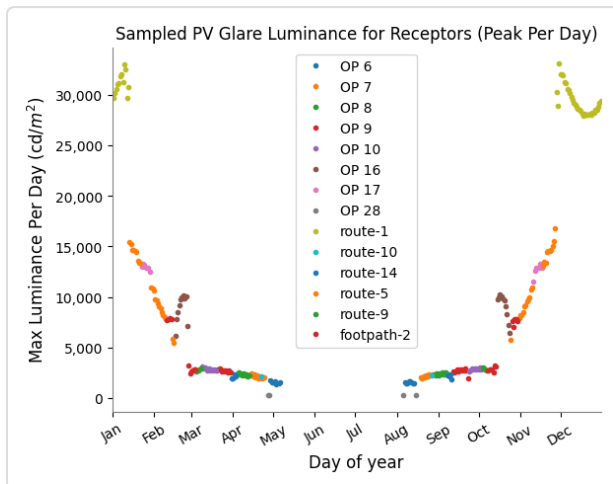
No glare found

PV: PV array 17 low potential for temporary after-image

Receptor results ordered by category of glare

Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
Footpath 2	690	11.5	0	0.0	7,900
Footpath 3	875	14.6	0	0.0	14,330
Footpath 4	555	9.2	0	0.0	12,792
Route 1	658	11.0	0	0.0	33,092
Route 10	113	1.9	0	0.0	2,274
Route 13	1,567	26.1	0	0.0	2,292
Route 14	159	2.6	0	0.0	2,615
Route 4	21	0.3	0	0.0	214
Route 5	3,892	64.9	0	0.0	21,326
Route 6	1,330	22.2	0	0.0	14,264
Route 7	4,413	73.5	0	0.0	4,866
Route 9	293	4.9	0	0.0	3,006
Footpath 1	0	0.0	0	0.0	0
Route 11	0	0.0	0	0.0	0
Route 12	0	0.0	0	0.0	0
Route 15	0	0.0	0	0.0	0
Route 16	0	0.0	0	0.0	0
Route 2	0	0.0	0	0.0	0
Route 3	0	0.0	0	0.0	0
Route 8	0	0.0	0	0.0	0
FP 1	0	0.0	0	0.0	0
FP 2	0	0.0	0	0.0	0
OP 6	18	0.3	0	0.0	1,759
OP 7	57	0.9	0	0.0	2,385
OP 8	78	1.3	0	0.0	2,557
OP 9	62	1.0	0	0.0	2,964
OP 10	122	2.0	0	0.0	3,079
OP 13	901	15.0	0	0.0	11,067
OP 14	354	5.9	0	0.0	4,229
OP 15	50	0.8	0	0.0	1,501
OP 16	112	1.9	0	0.0	10,225
OP 17	865	14.4	0	0.0	13,308
OP 23	837	13.9	0	0.0	2,491
OP 25	181	3.0	0	0.0	4,601
OP 26	296	4.9	0	0.0	1,663
OP 27	341	5.7	0	0.0	1,556
OP 28	25	0.4	0	0.0	285
OP 1	0	0.0	0	0.0	0

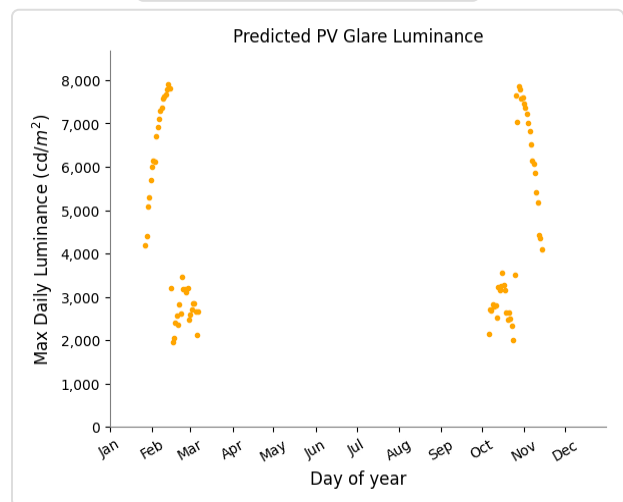
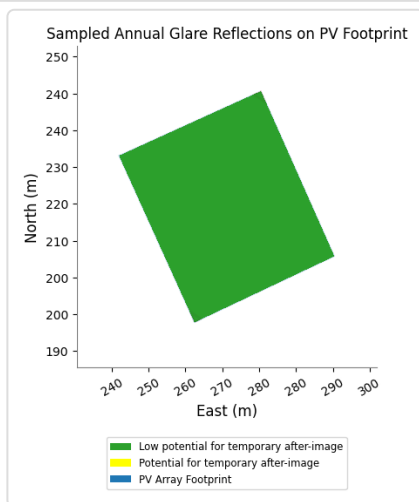
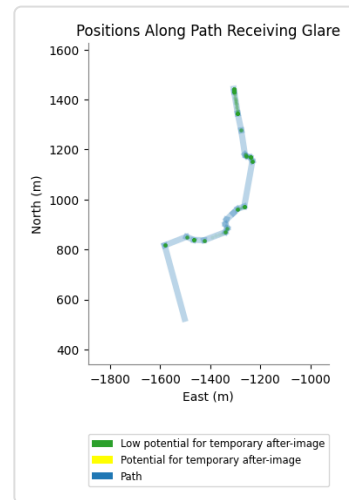
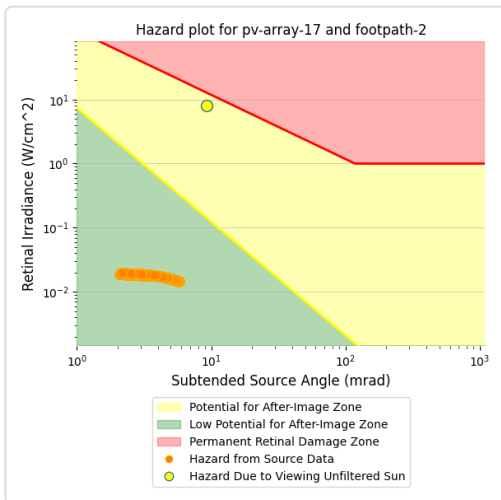
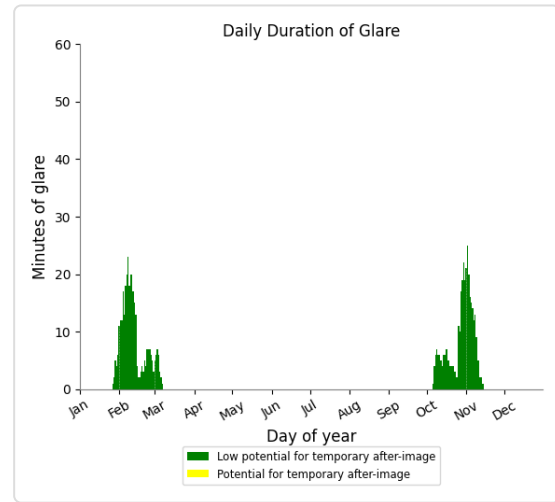
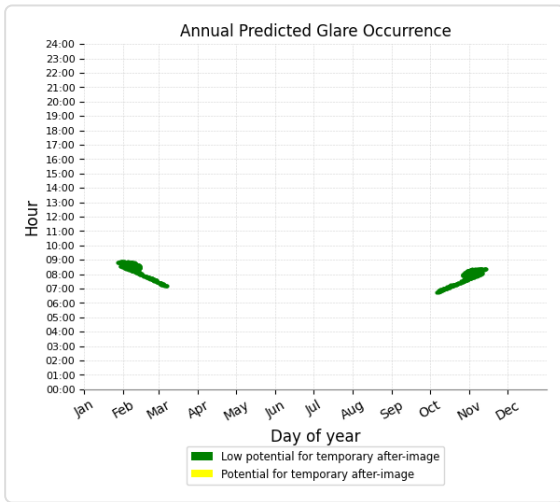
Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
OP 2	0	0.0	0	0.0	0
OP 3	0	0.0	0	0.0	0
OP 4	0	0.0	0	0.0	0
OP 5	0	0.0	0	0.0	0
OP 11	0	0.0	0	0.0	0
OP 12	0	0.0	0	0.0	0
OP 18	0	0.0	0	0.0	0
OP 19	0	0.0	0	0.0	0
OP 20	0	0.0	0	0.0	0
OP 21	0	0.0	0	0.0	0
OP 22	0	0.0	0	0.0	0
OP 24	0	0.0	0	0.0	0
OP 29	0	0.0	0	0.0	0
OP 30	0	0.0	0	0.0	0



PV array 17 and Route: Footpath 2

Yellow glare: none

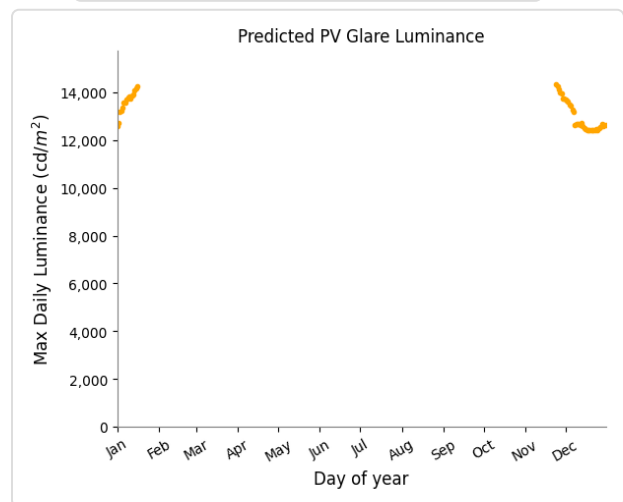
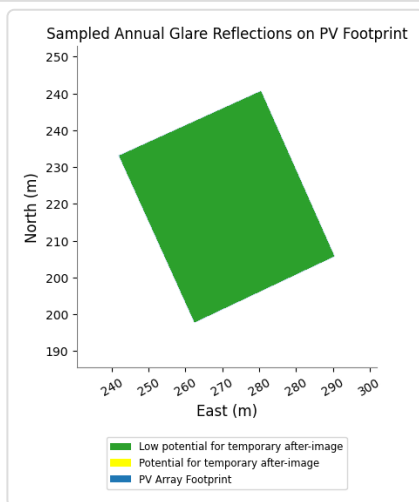
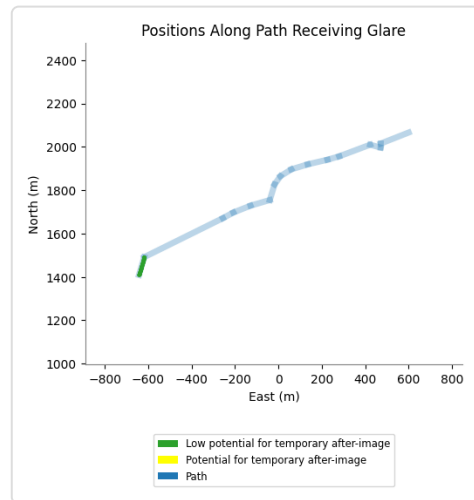
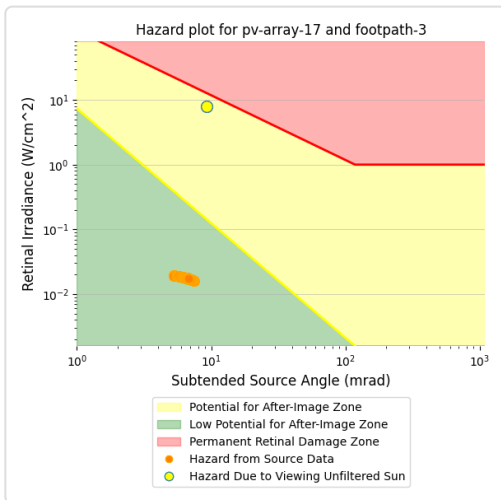
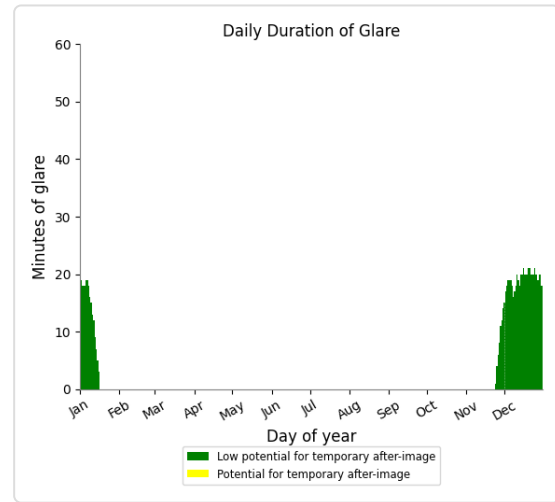
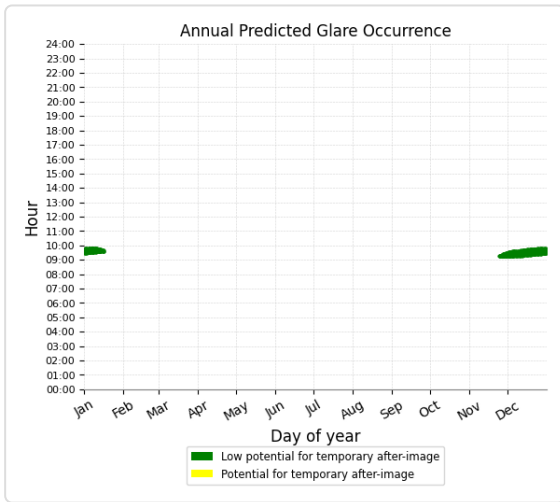
Green glare: 690 min.



PV array 17 and Route: Footpath 3

Yellow glare: none

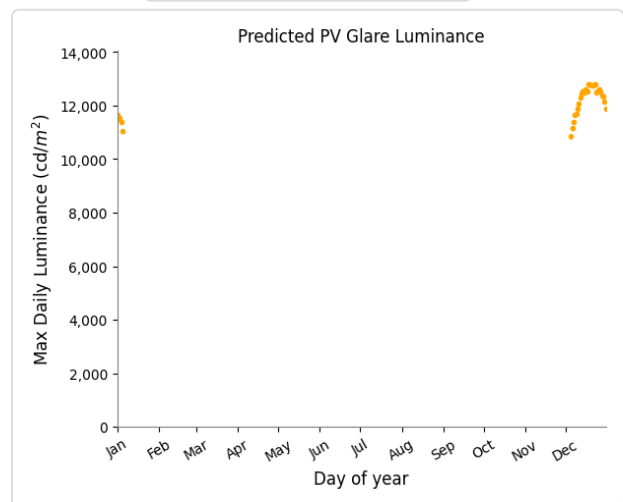
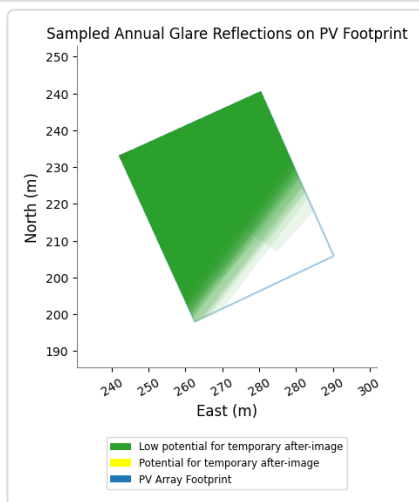
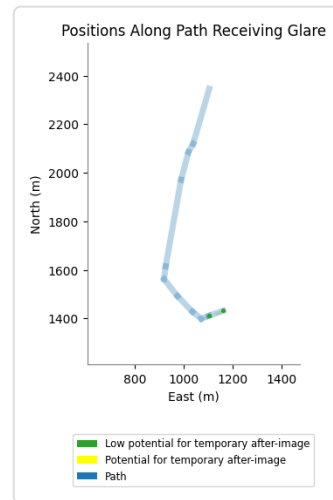
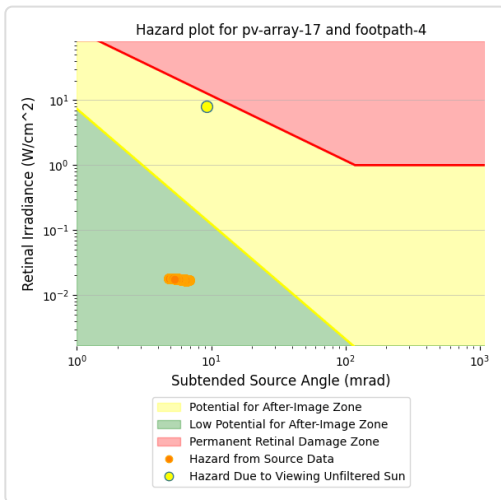
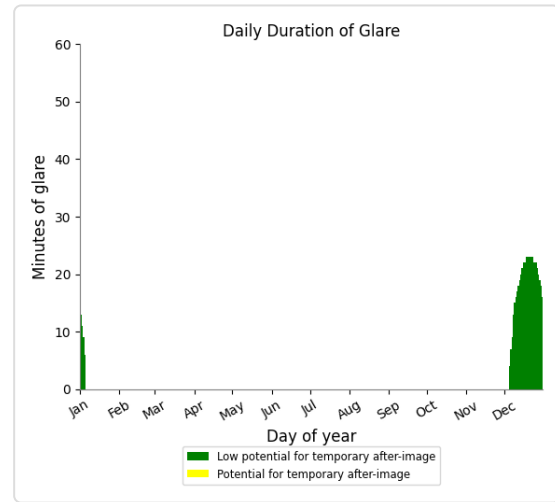
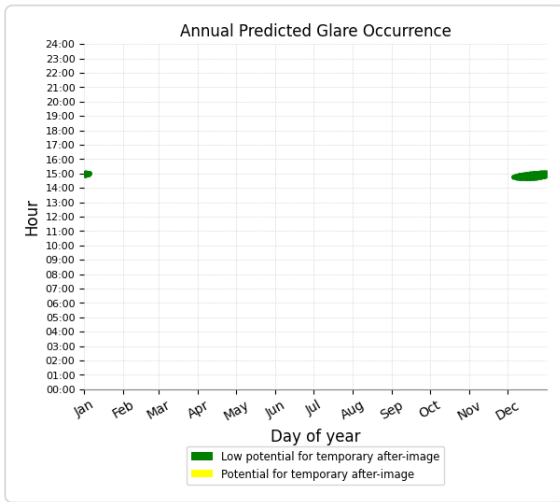
Green glare: 875 min.



PV array 17 and Route: Footpath 4

Yellow glare: none

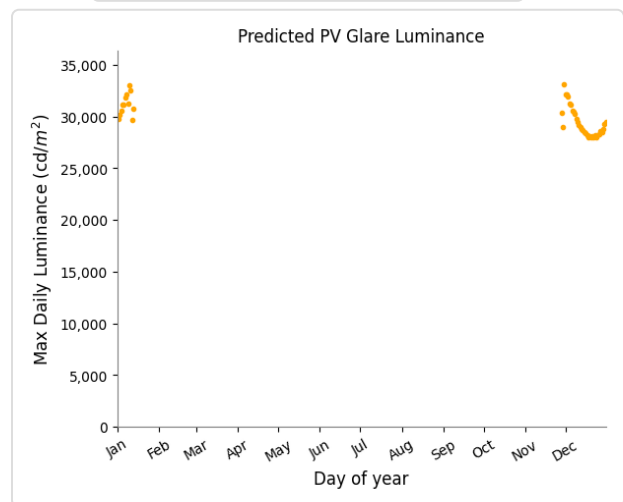
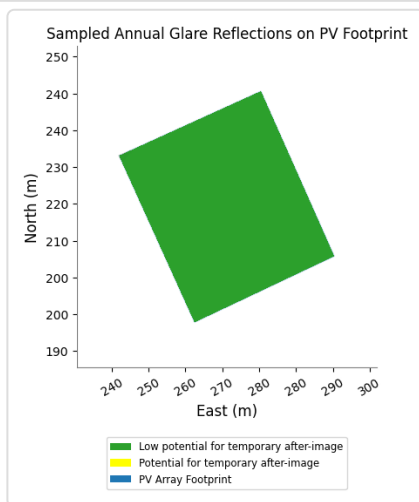
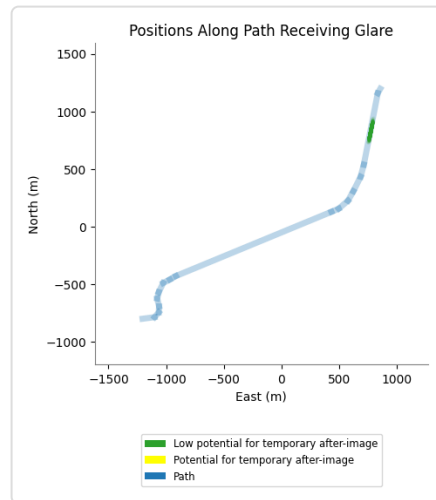
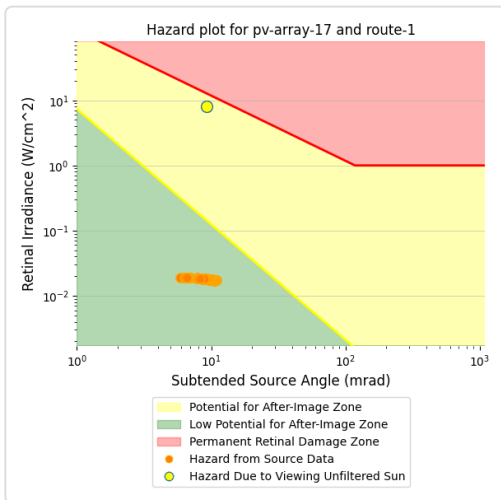
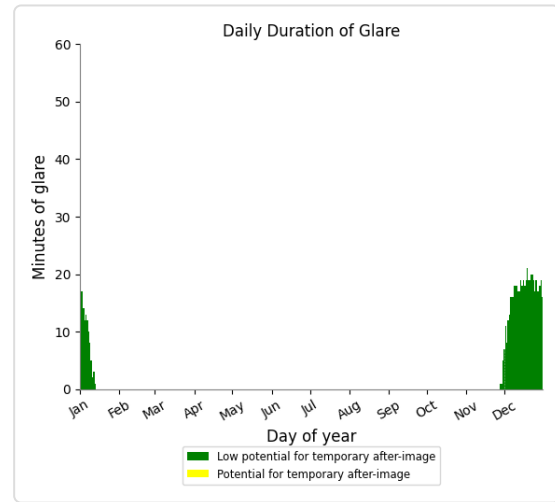
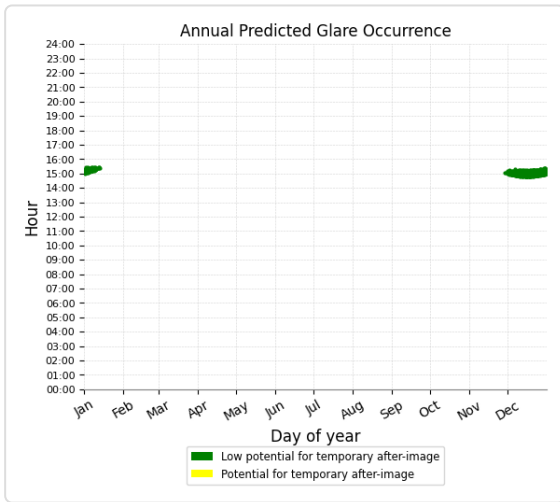
Green glare: 555 min.



PV array 17 and Route: Route 1

Yellow glare: none

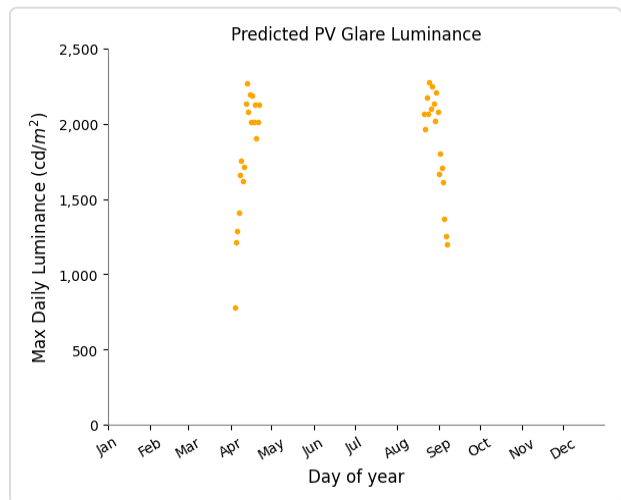
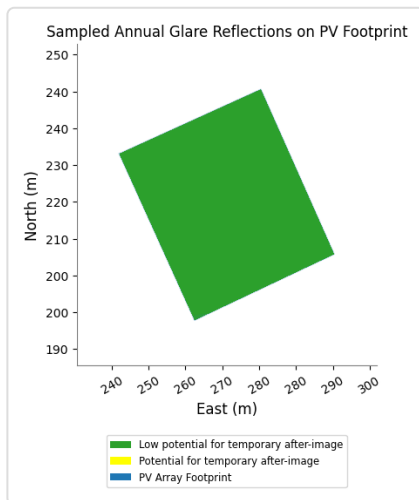
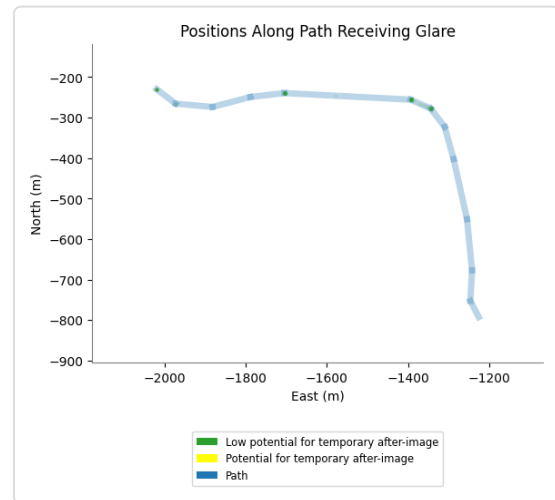
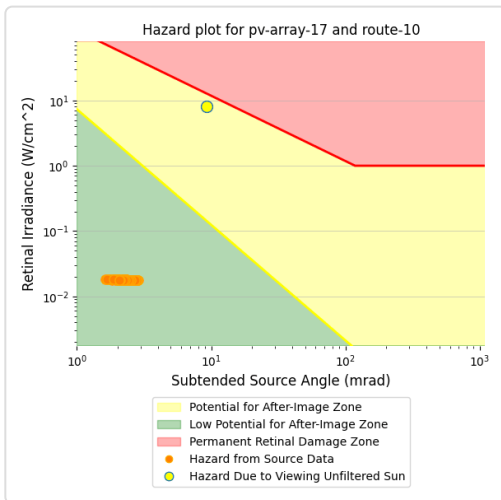
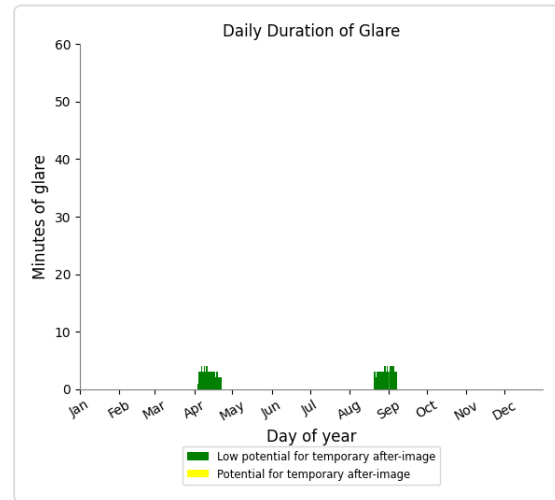
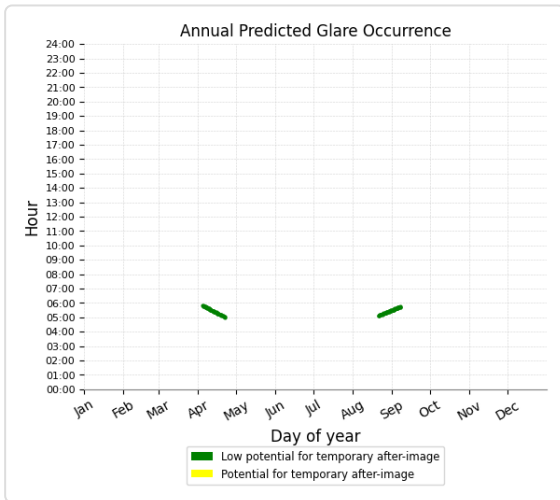
Green glare: 658 min.



PV array 17 and Route: Route 10

Yellow glare: none

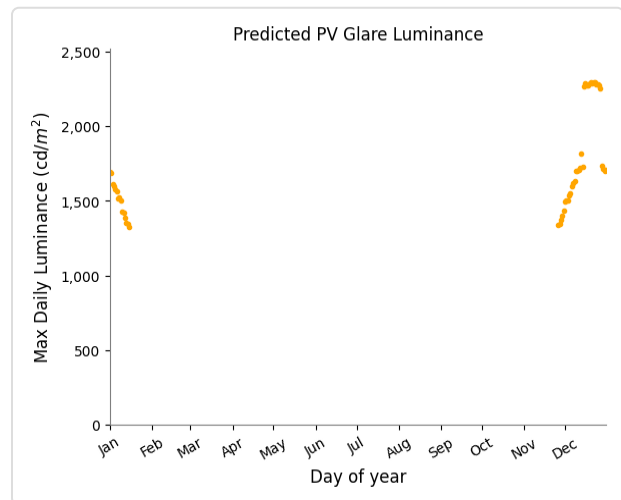
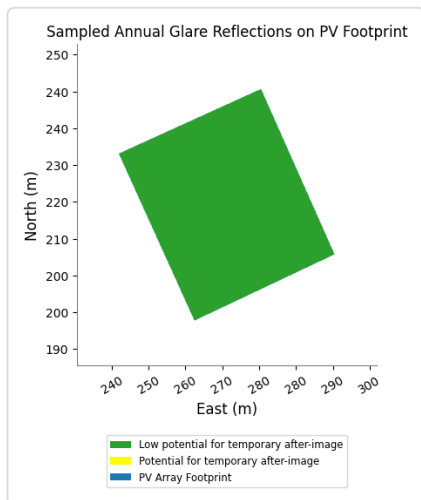
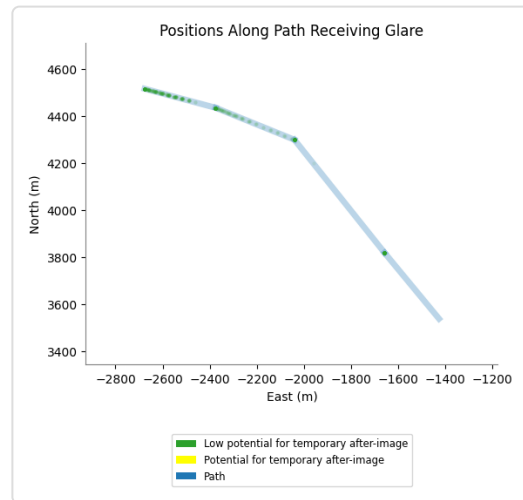
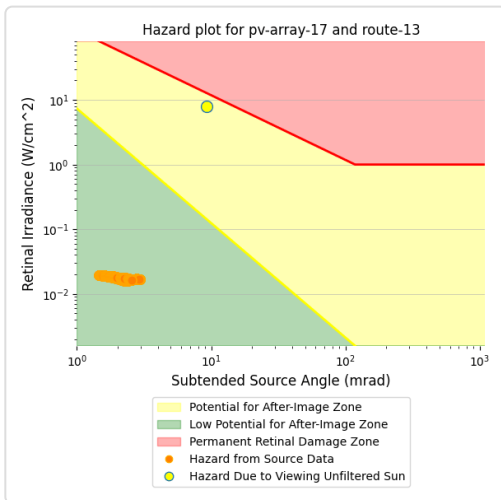
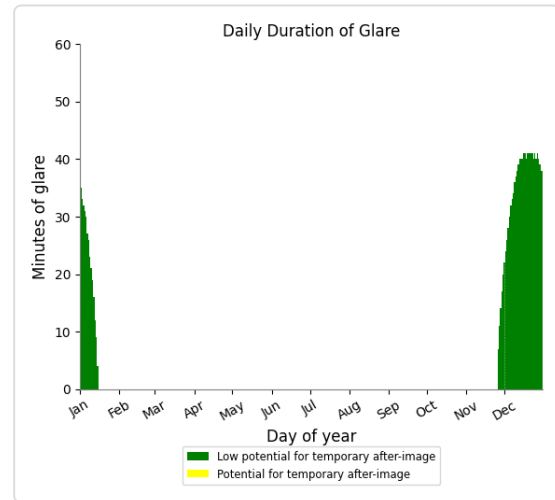
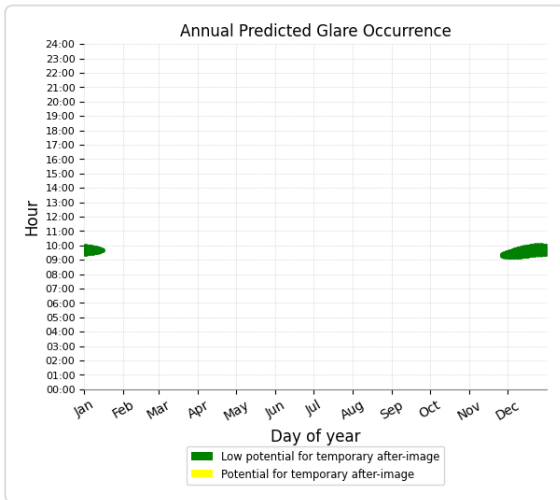
Green glare: 113 min.



PV array 17 and Route: Route 13

Yellow glare: none

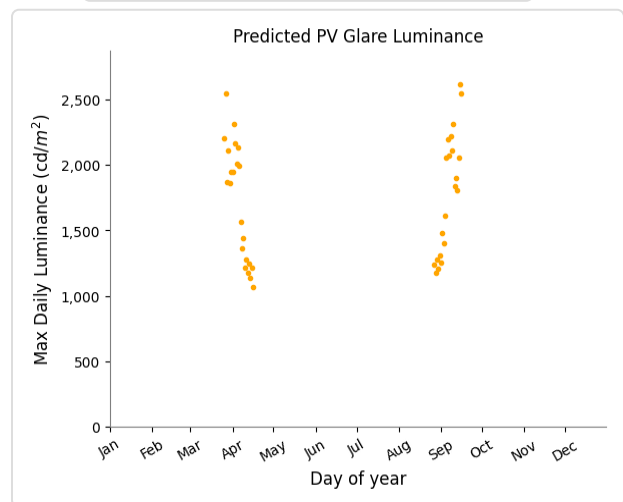
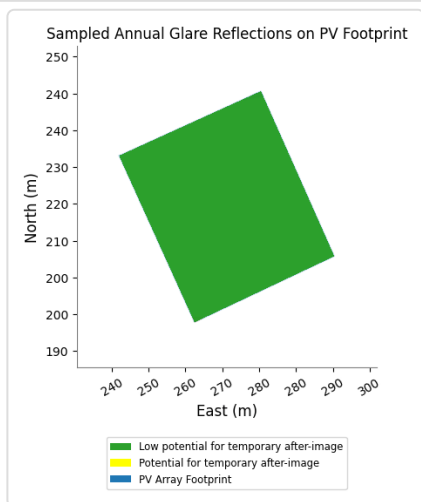
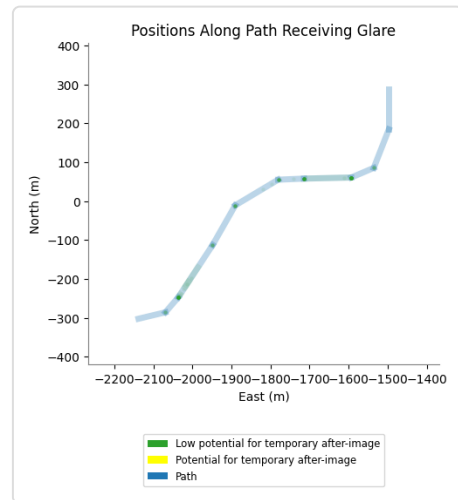
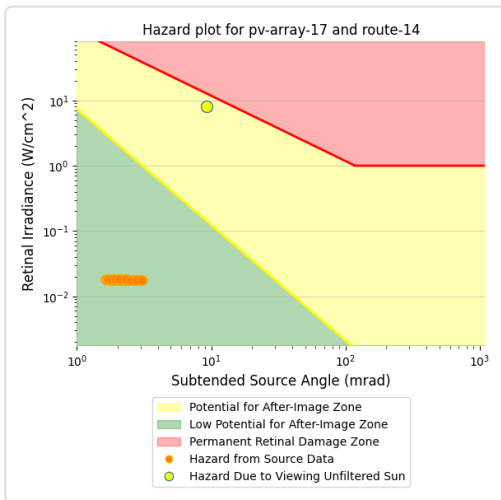
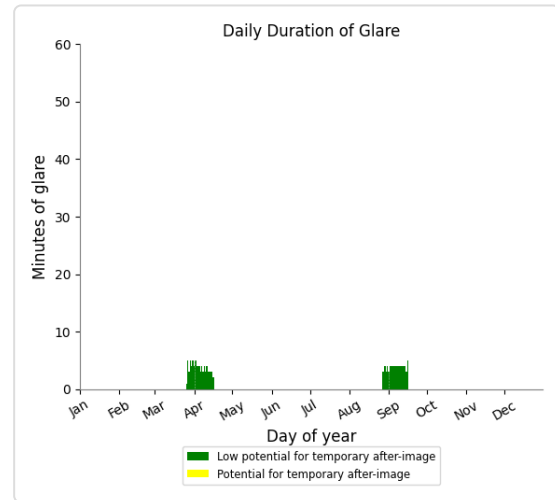
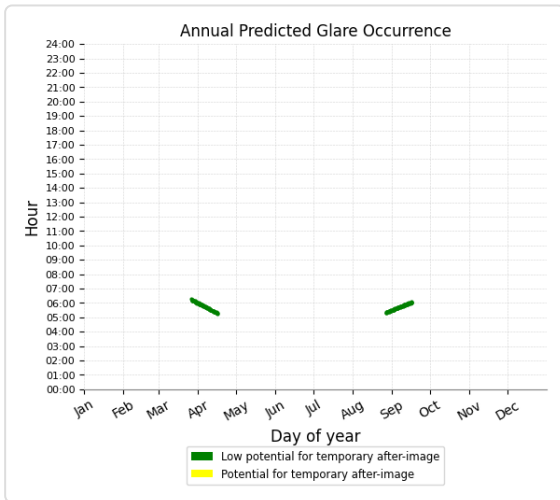
Green glare: 1,567 min.



PV array 17 and Route: Route 14

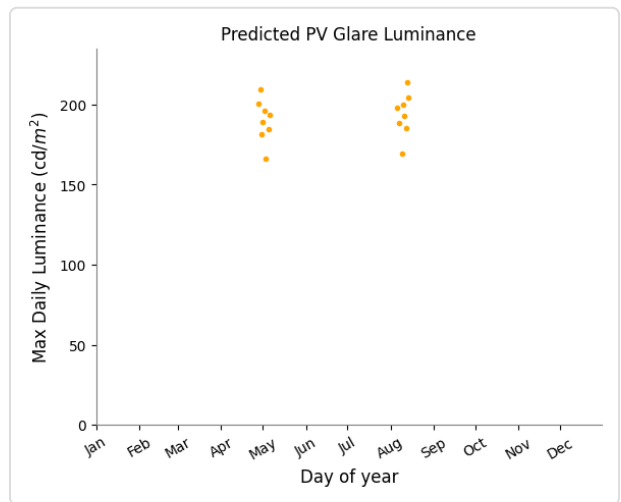
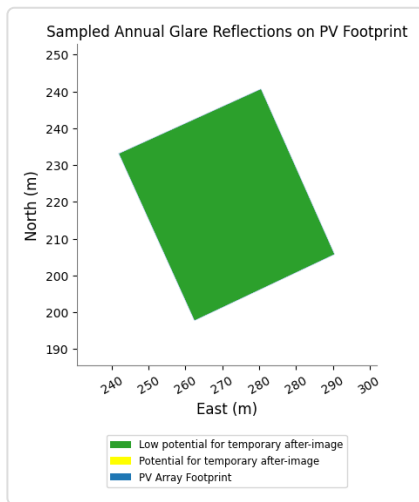
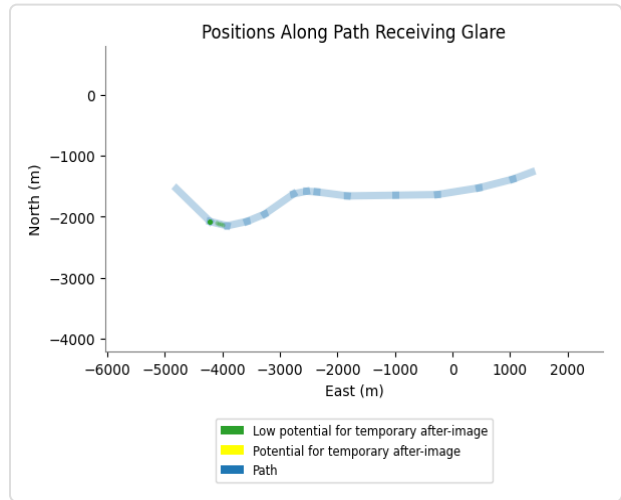
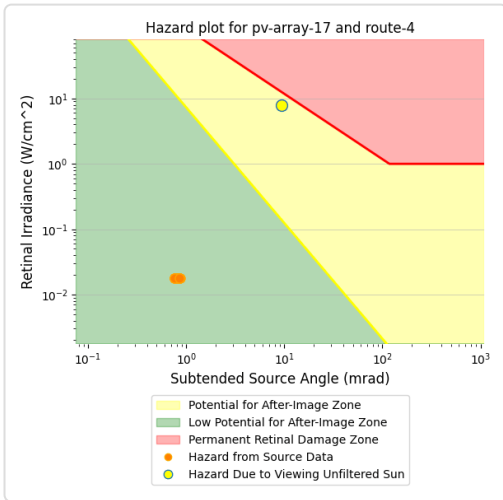
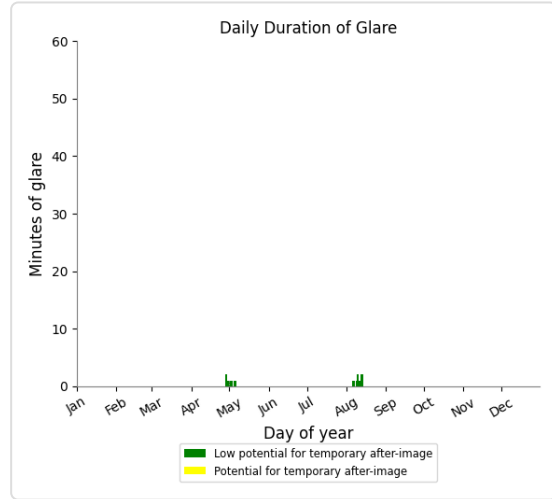
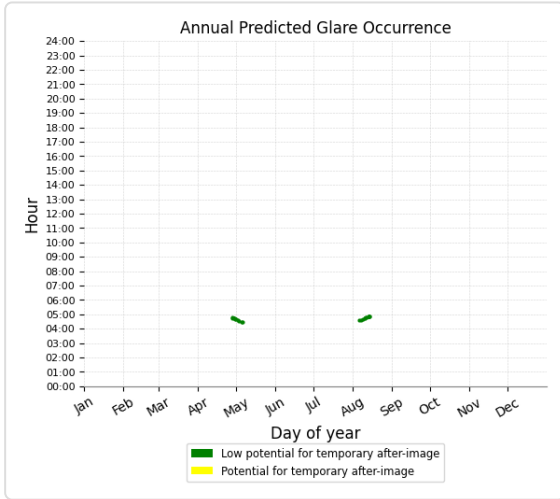
Yellow glare: none

Green glare: 159 min.



PV array 17 and Route: Route 4

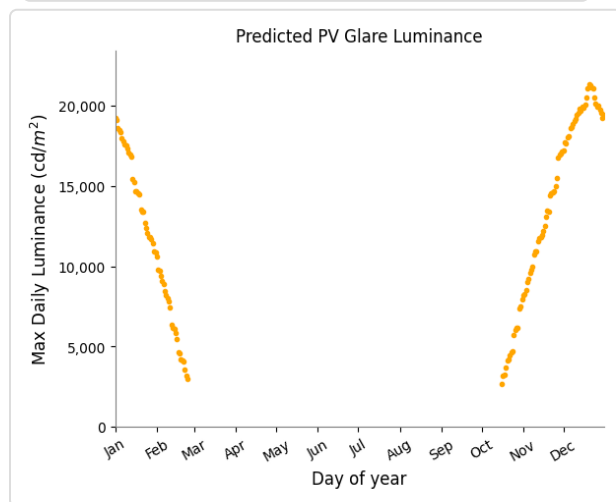
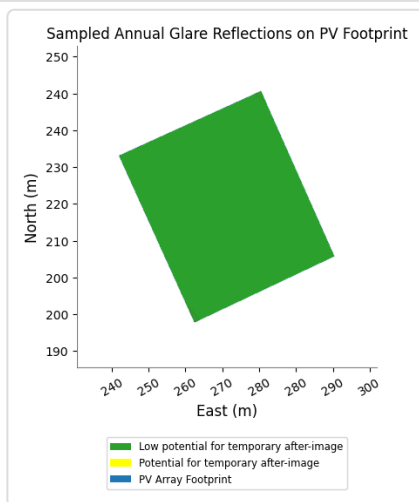
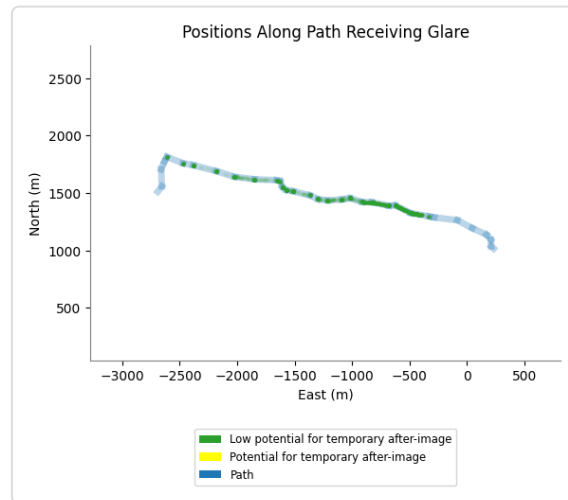
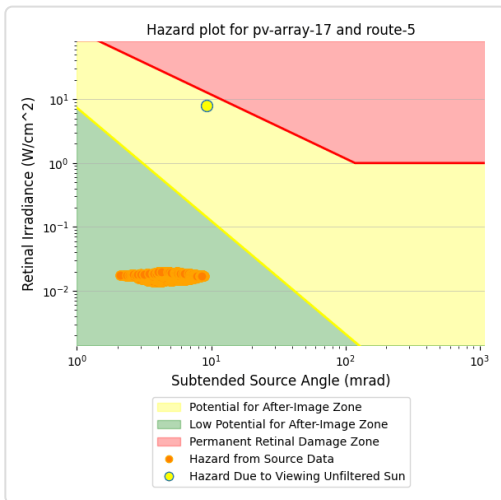
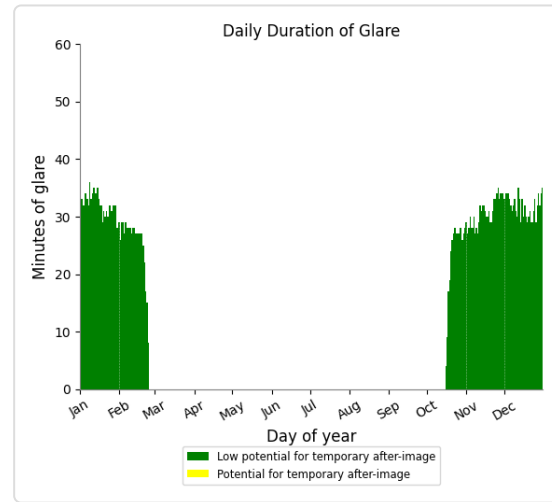
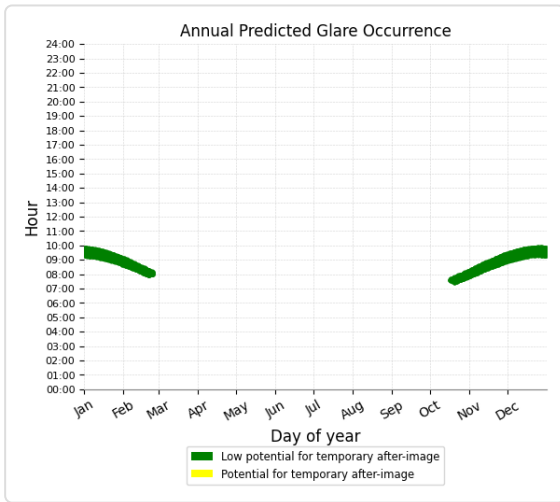
Yellow glare: none
 Green glare: 21 min.



PV array 17 and Route: Route 5

Yellow glare: none

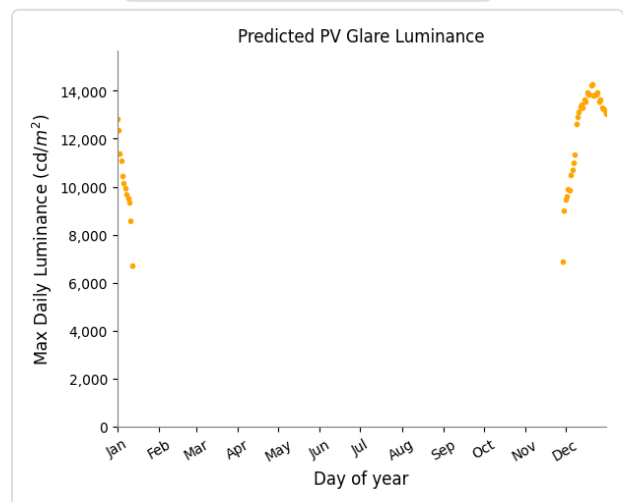
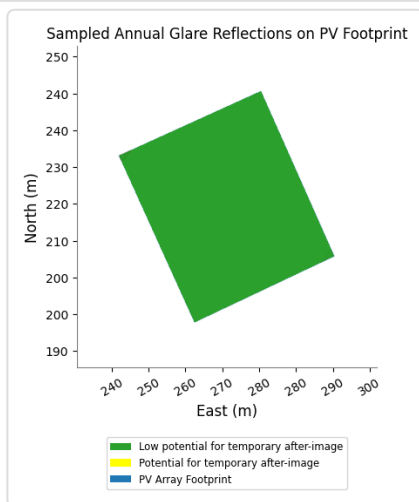
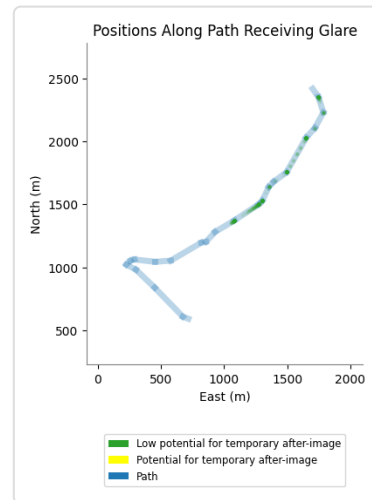
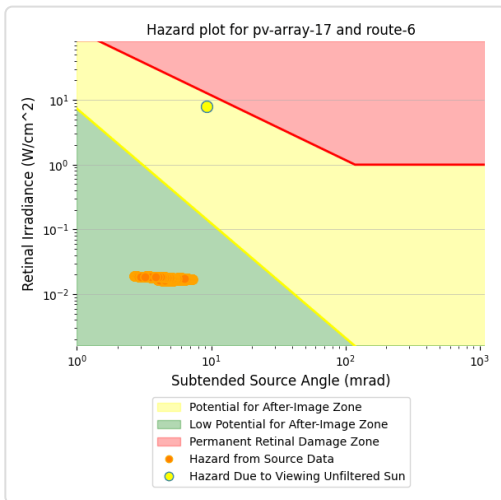
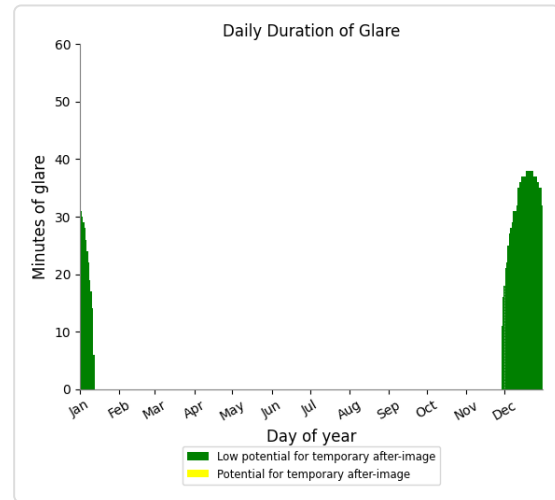
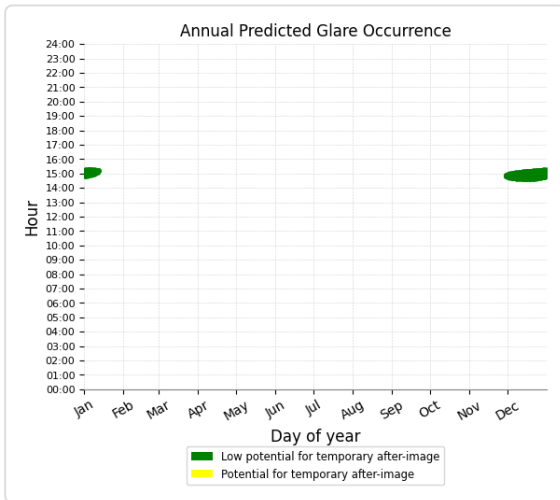
Green glare: 3,892 min.



PV array 17 and Route: Route 6

Yellow glare: none

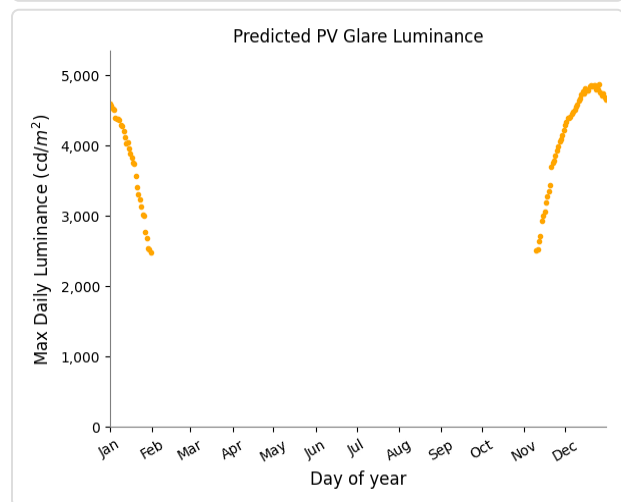
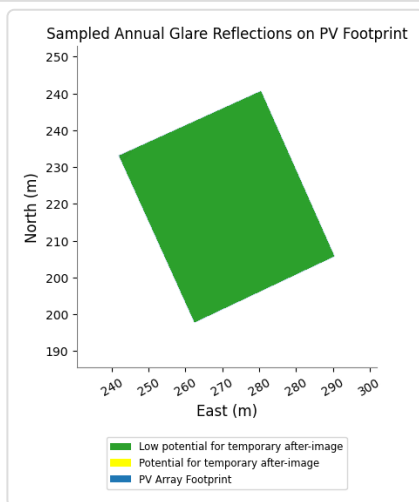
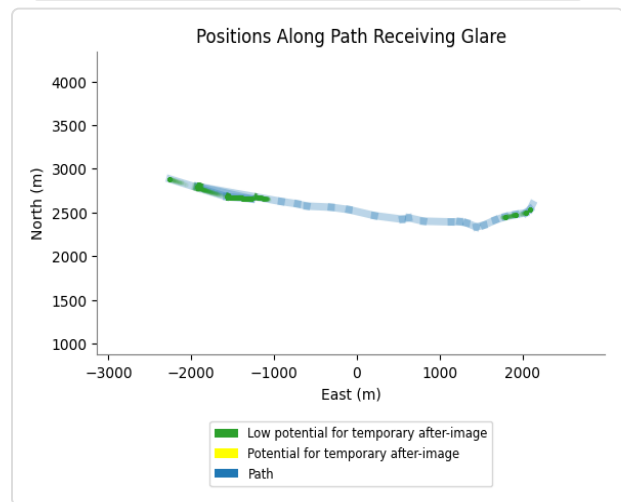
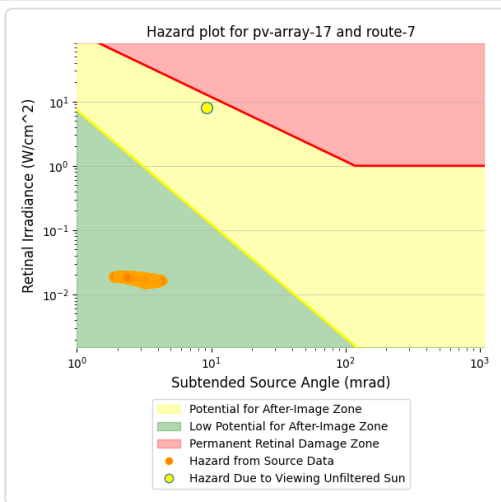
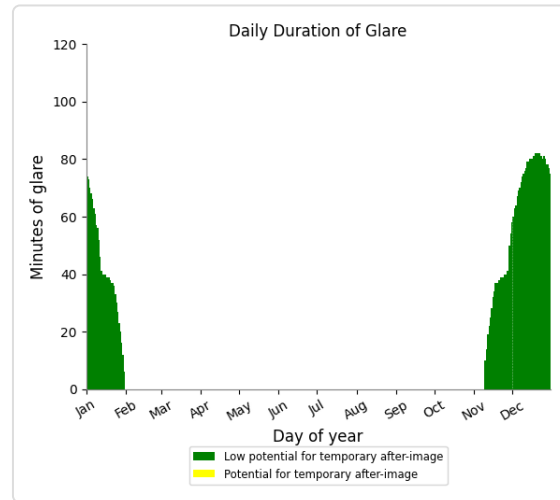
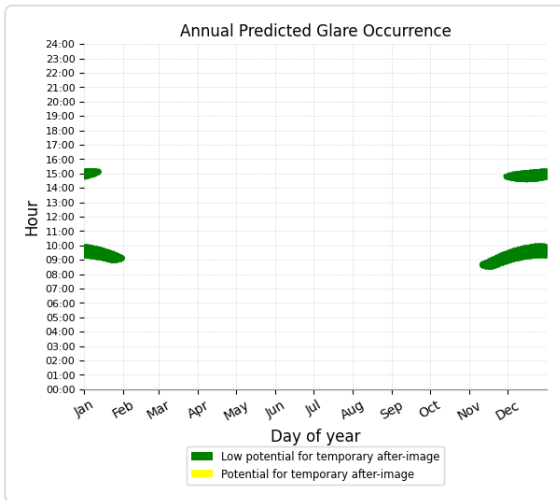
Green glare: 1,330 min.



PV array 17 and Route: Route 7

Yellow glare: none

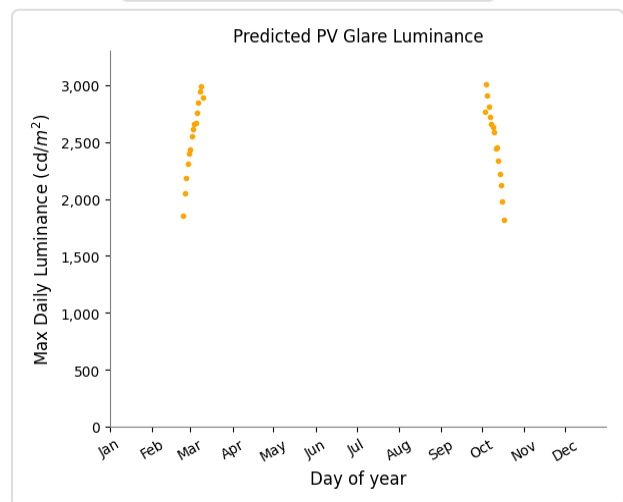
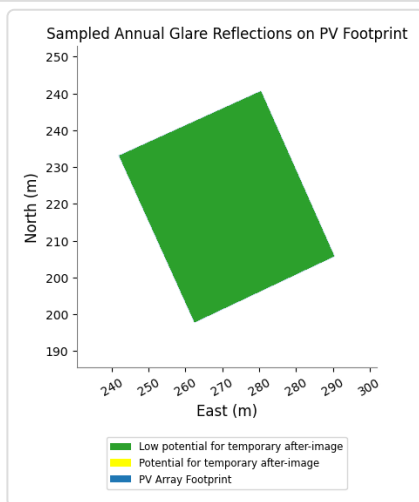
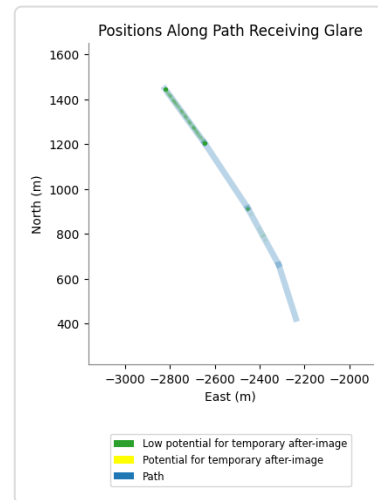
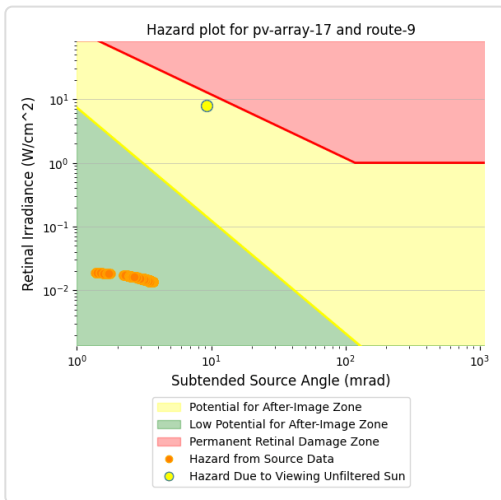
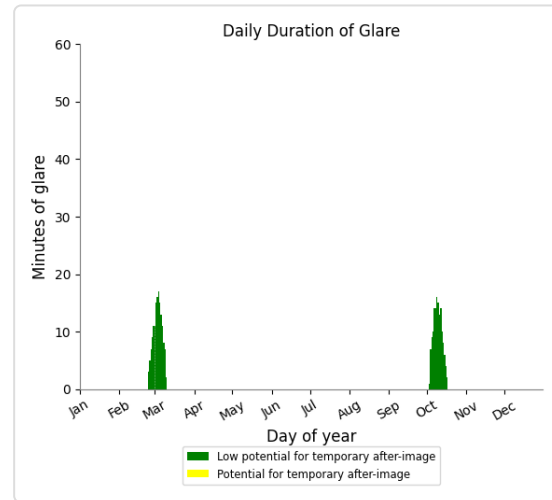
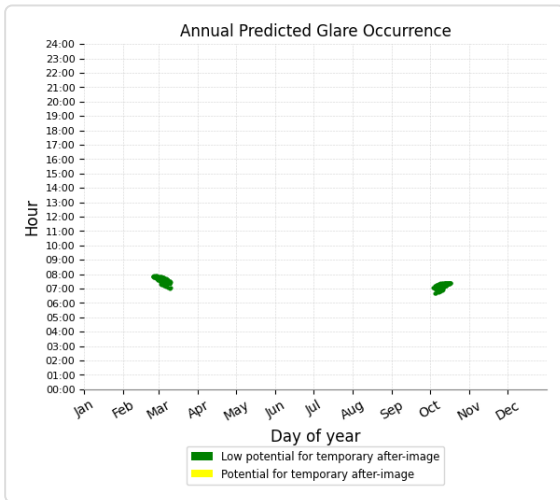
Green glare: 4,413 min.



PV array 17 and Route: Route 9

Yellow glare: none

Green glare: 293 min.



PV array 17 and Route: Footpath 1

No glare found

PV array 17 and Route: Route 11

No glare found

PV array 17 and Route: Route 12

No glare found

PV array 17 and Route: Route 15

No glare found

PV array 17 and Route: Route 16

No glare found

PV array 17 and Route: Route 2

No glare found

PV array 17 and Route: Route 3

No glare found

PV array 17 and Route: Route 8

No glare found

PV array 17 and FP: FP 1

No glare found

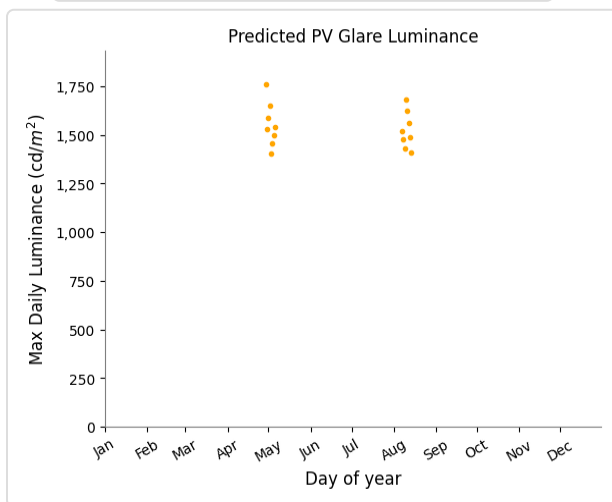
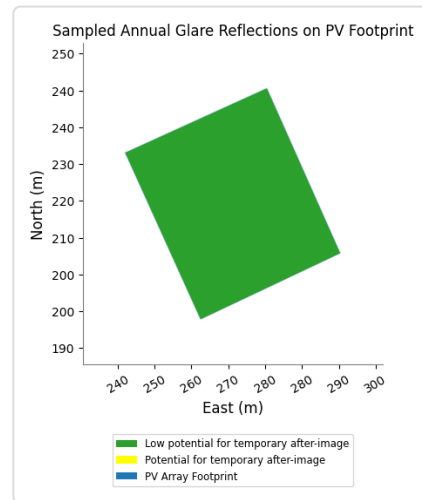
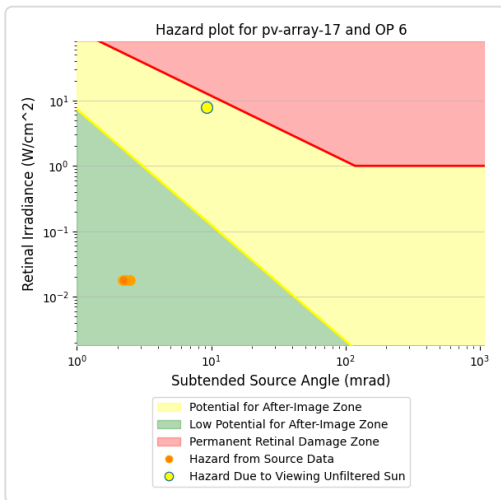
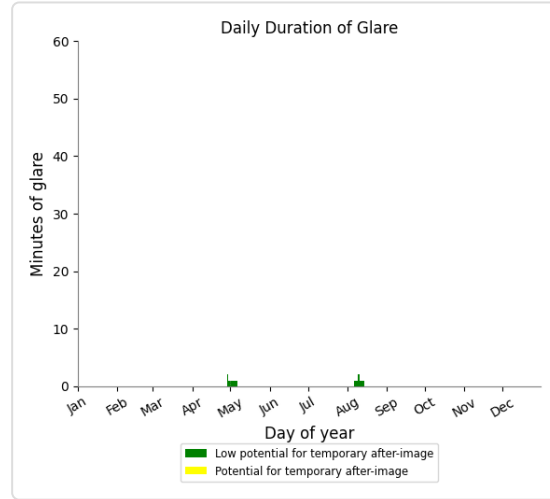
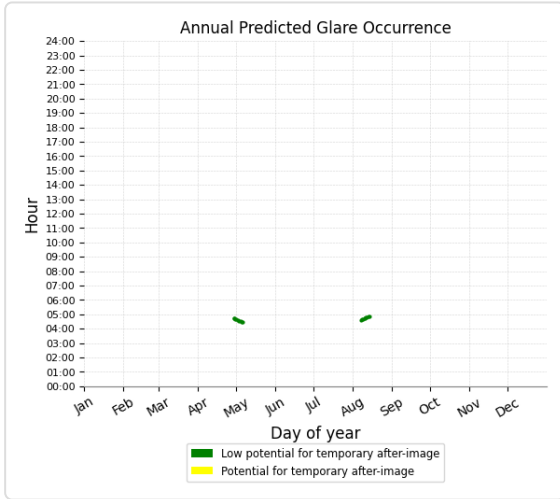
PV array 17 and FP: FP 2

No glare found

PV array 17 and OP 6

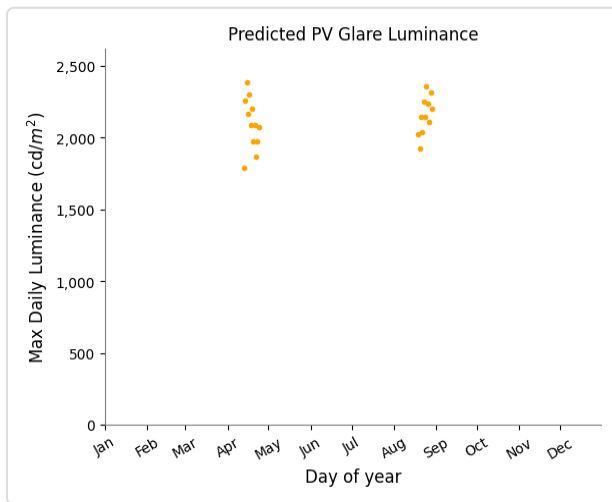
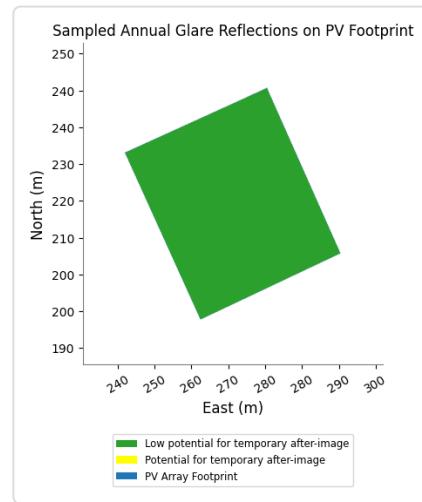
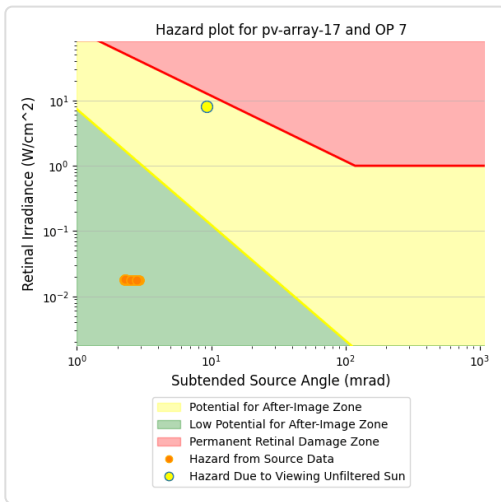
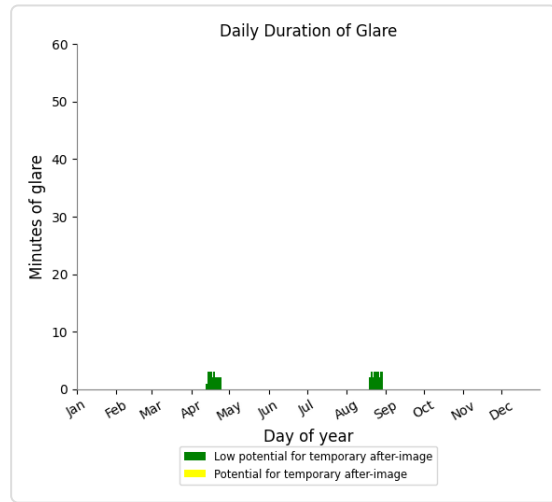
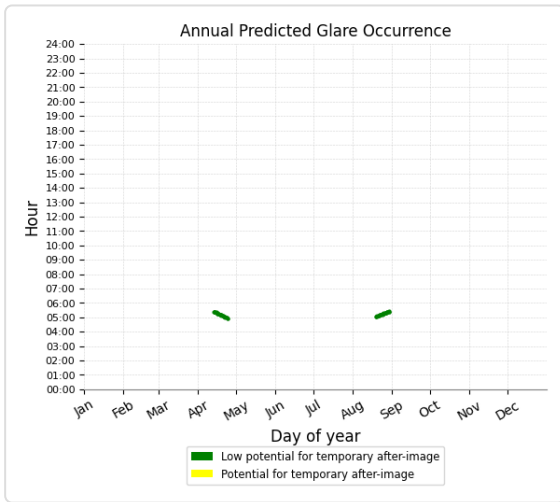
Yellow glare: none

Green glare: 18 min.



PV array 17 and OP 7

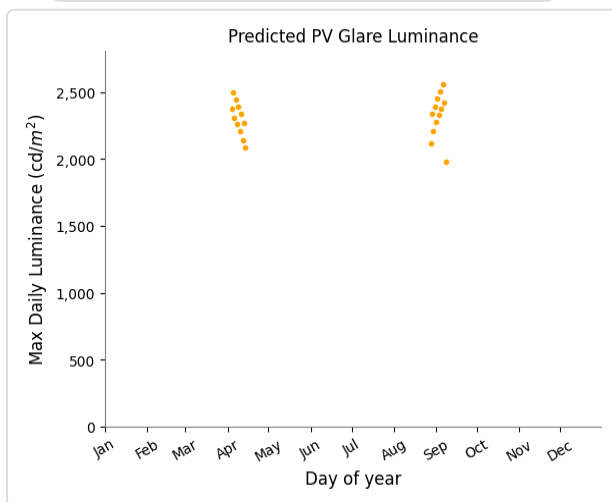
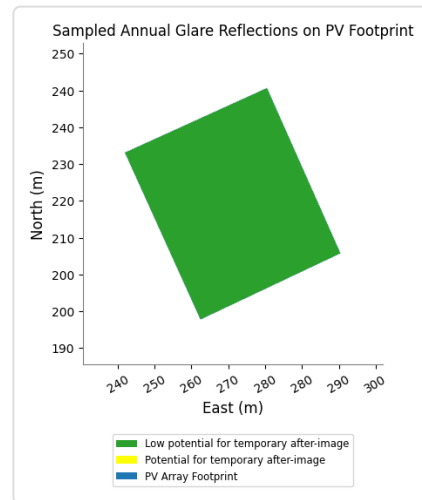
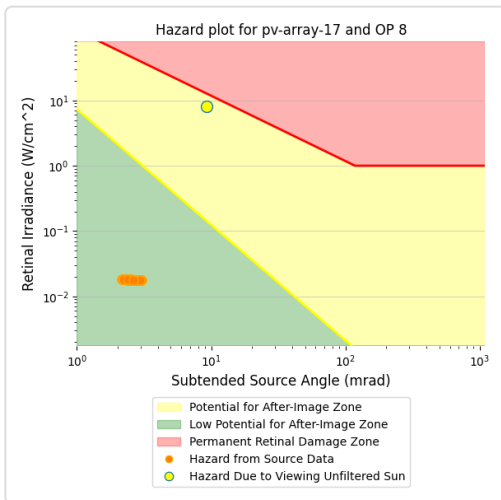
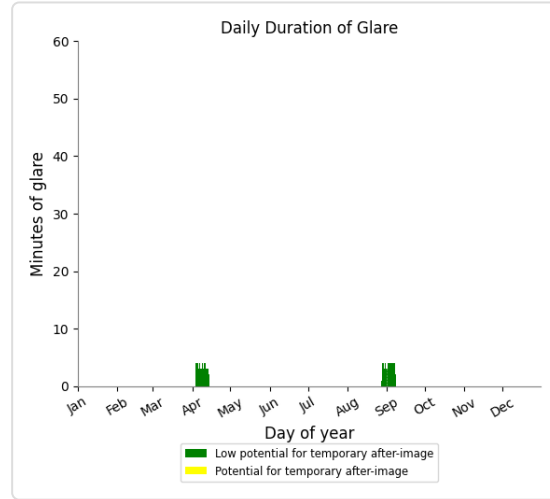
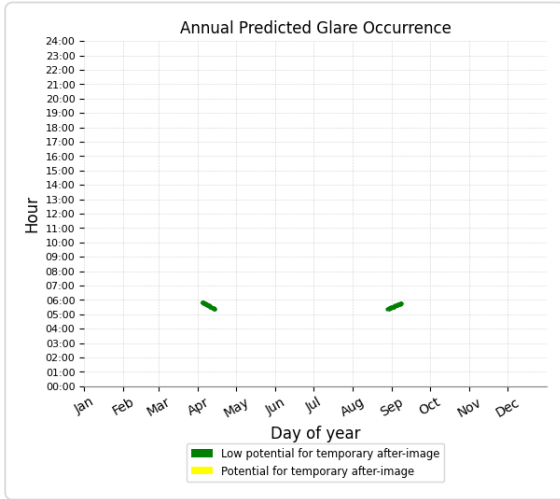
Yellow glare: none
 Green glare: 57 min.



PV array 17 and OP 8

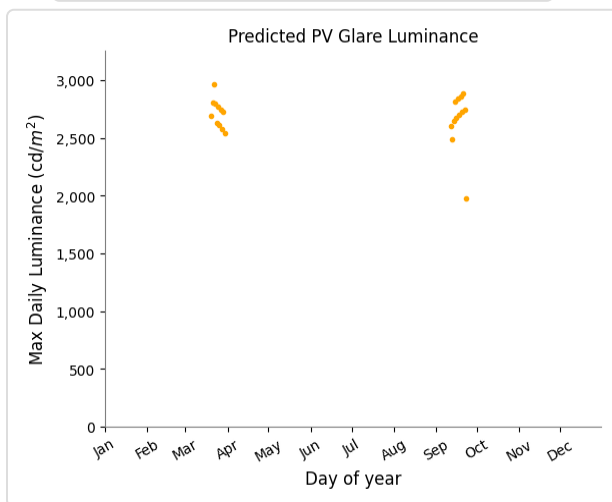
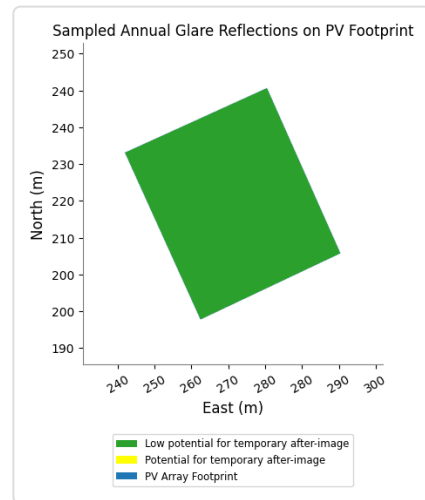
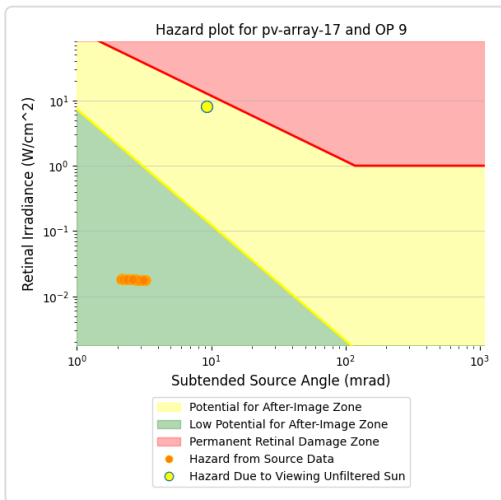
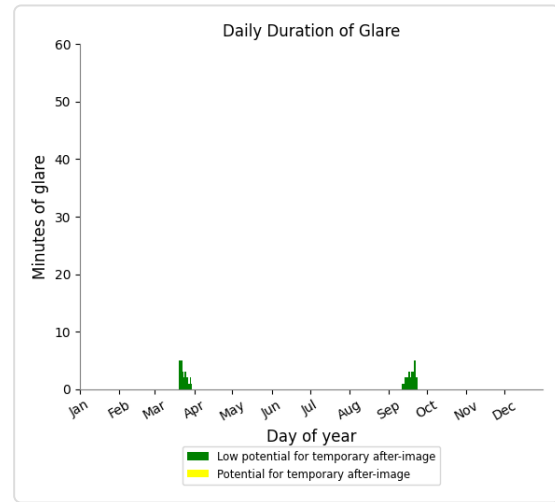
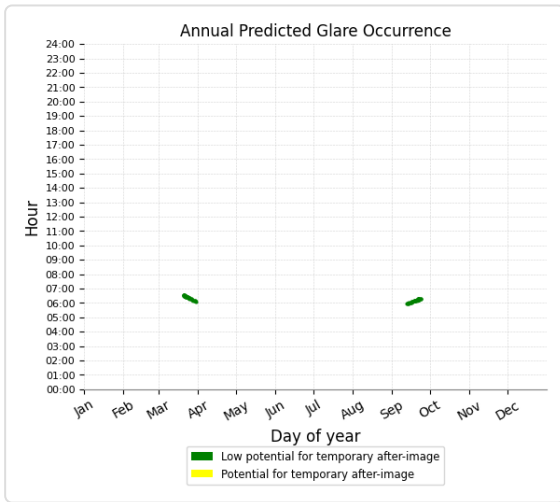
Yellow glare: none

Green glare: 78 min.



PV array 17 and OP 9

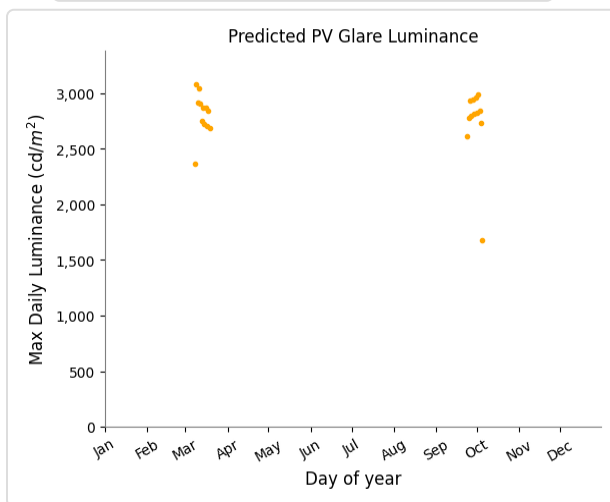
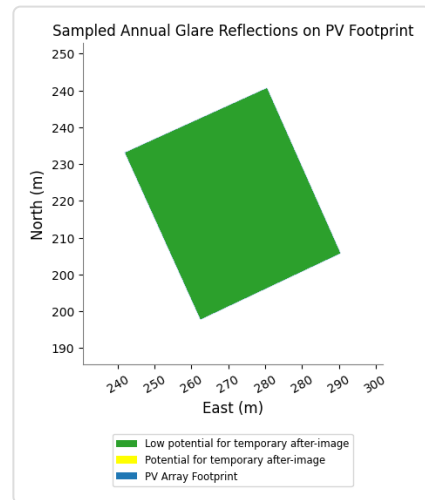
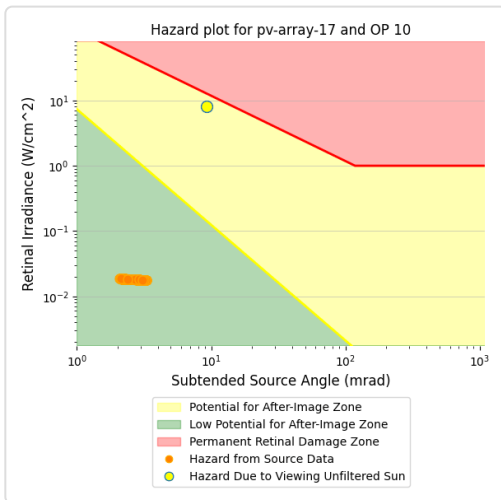
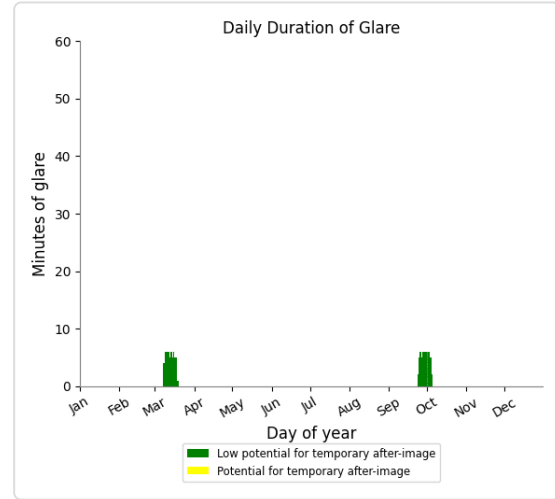
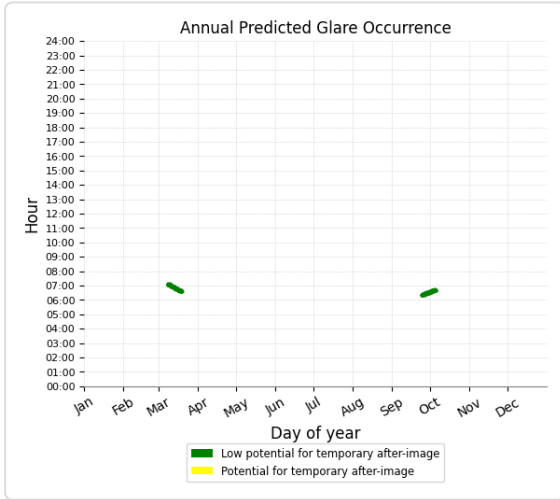
Yellow glare: none
 Green glare: 62 min.



PV array 17 and OP 10

Yellow glare: none

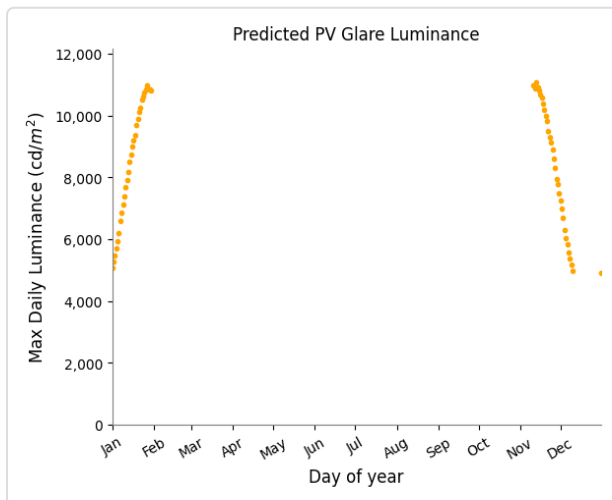
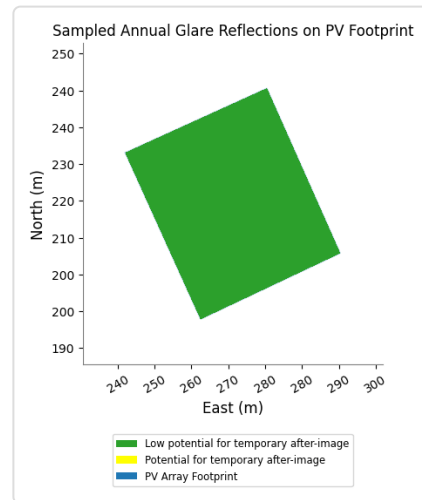
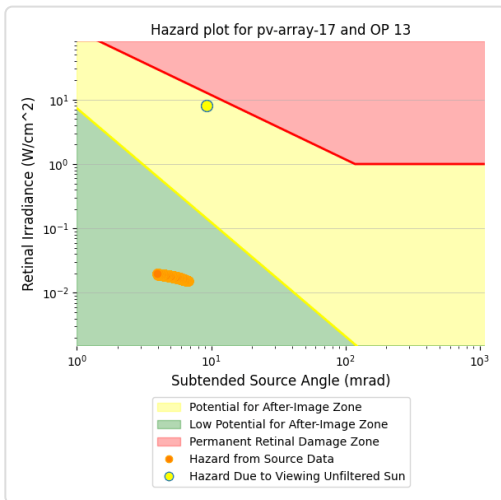
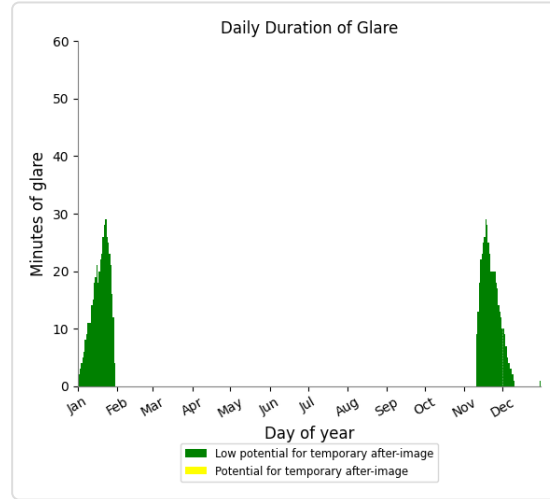
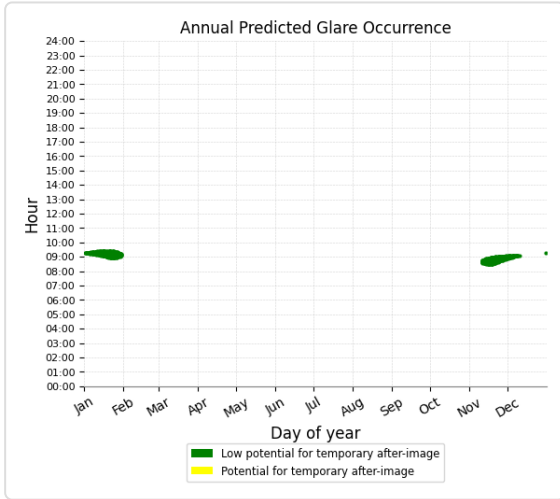
Green glare: 122 min.



PV array 17 and OP 13

Yellow glare: none

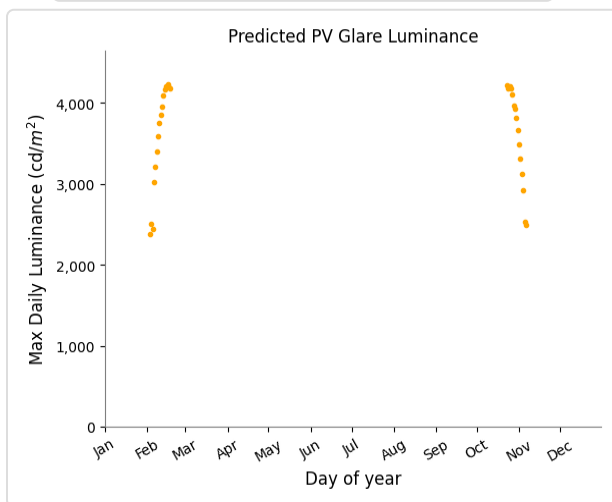
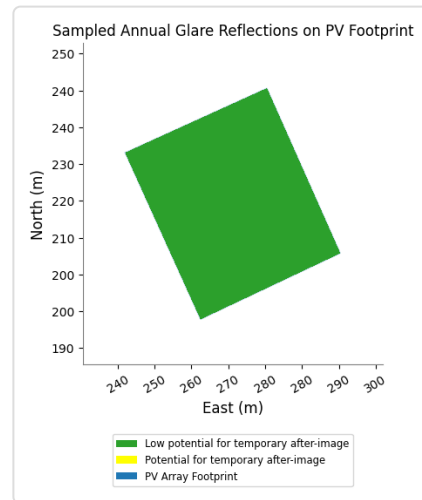
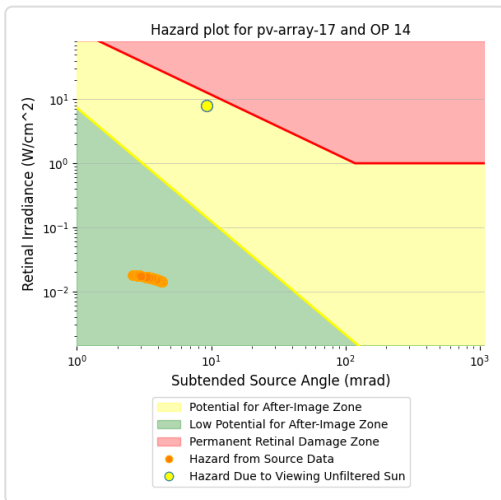
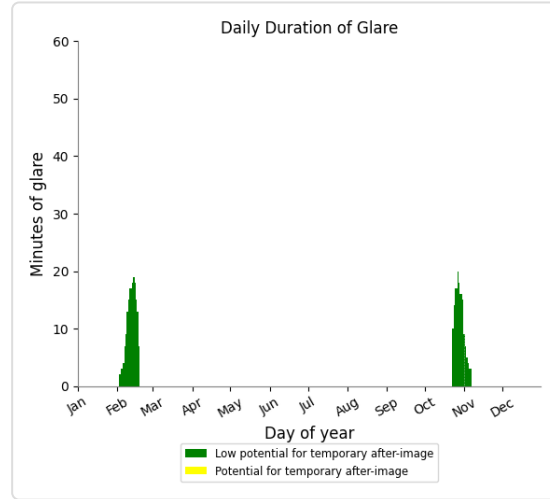
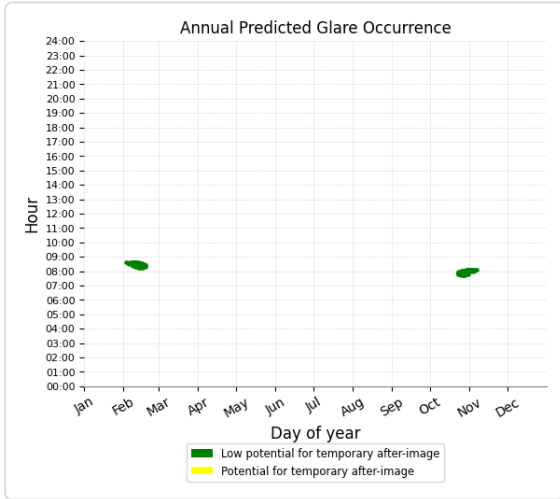
Green glare: 901 min.



PV array 17 and OP 14

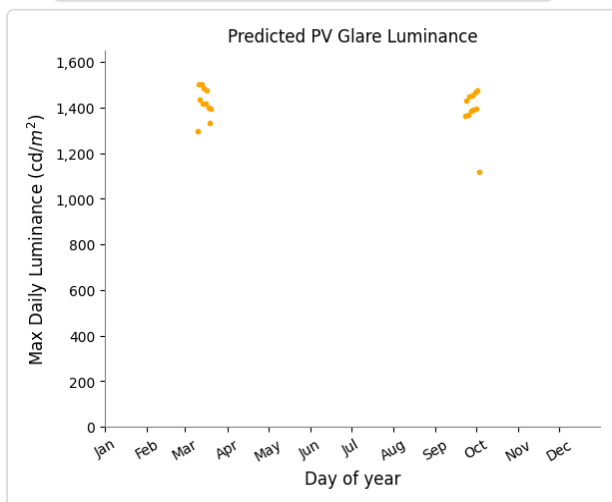
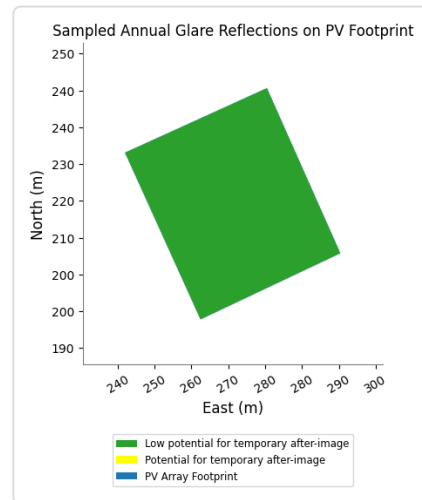
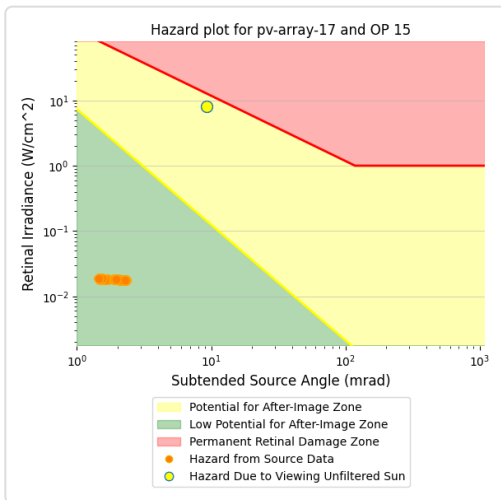
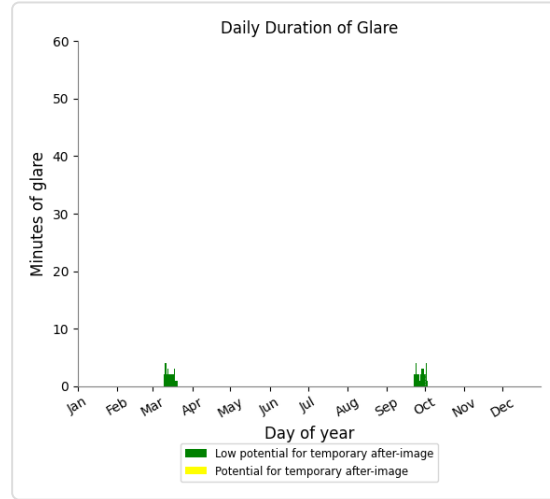
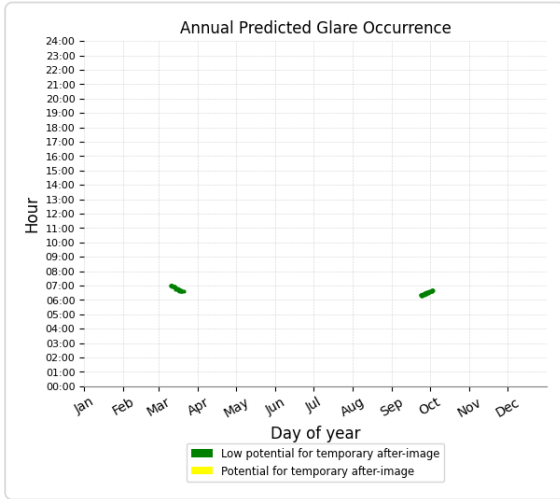
Yellow glare: none

Green glare: 354 min.



PV array 17 and OP 15

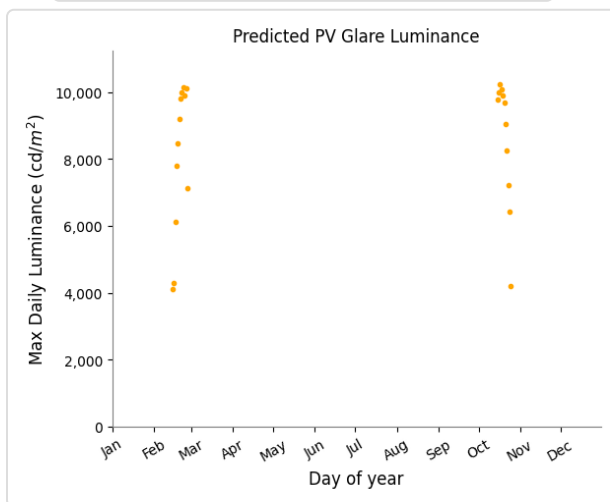
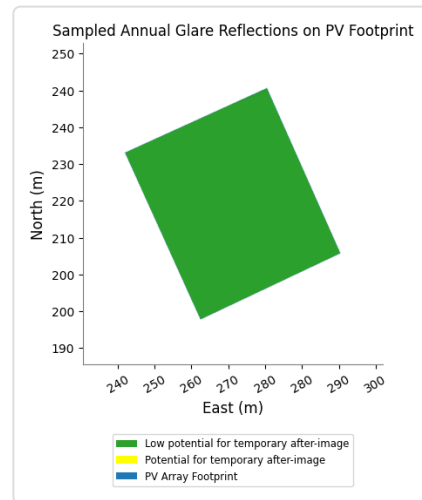
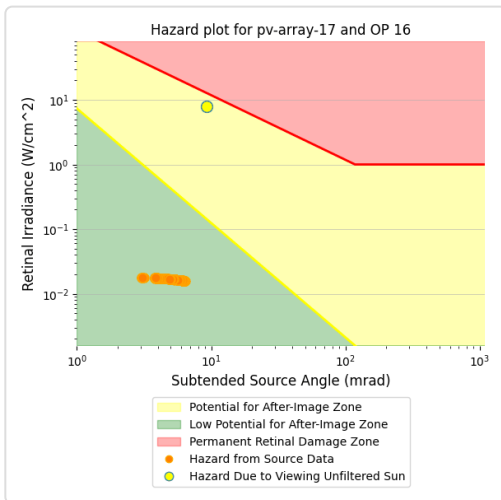
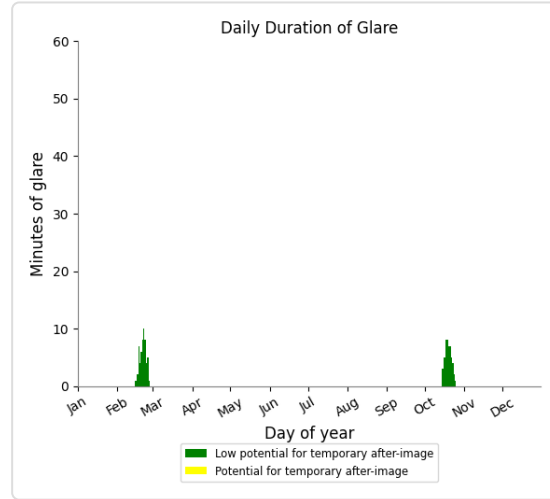
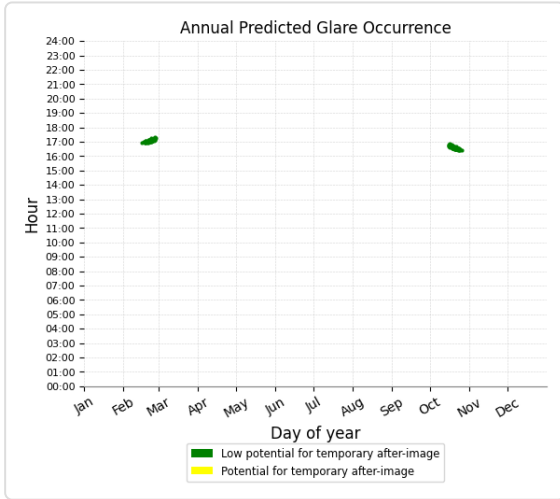
Yellow glare: none
 Green glare: 50 min.



PV array 17 and OP 16

Yellow glare: none

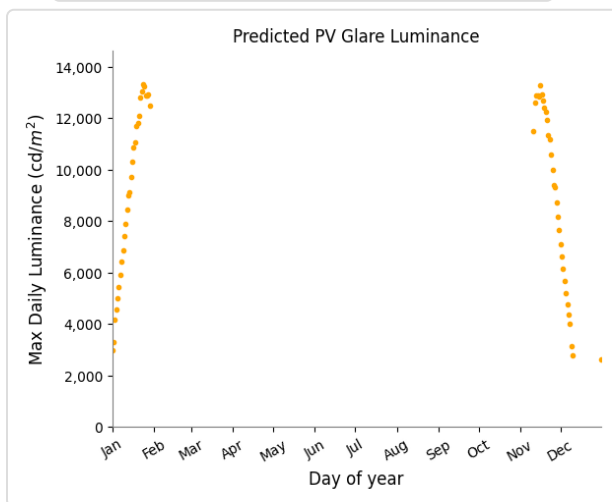
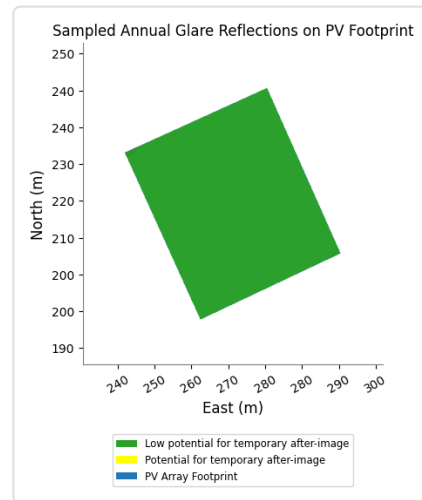
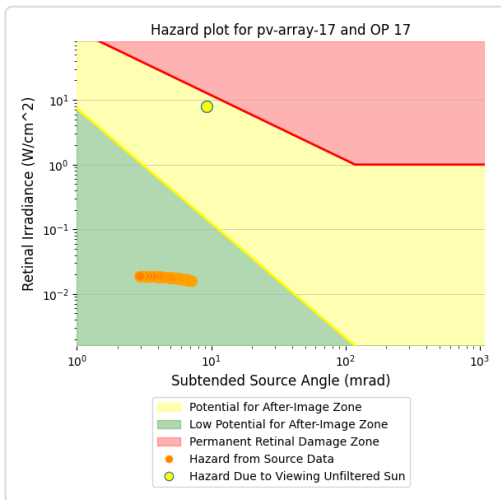
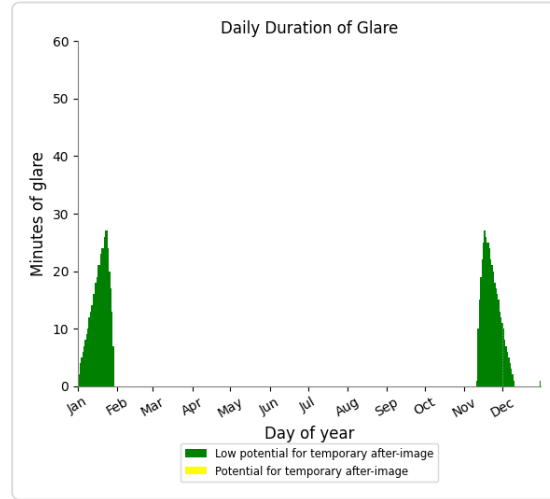
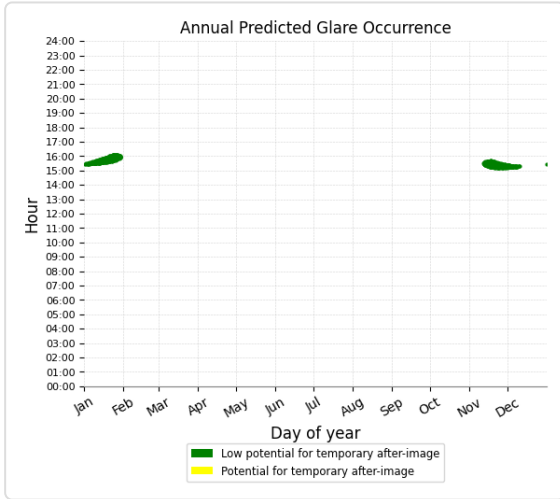
Green glare: 112 min.



PV array 17 and OP 17

Yellow glare: none

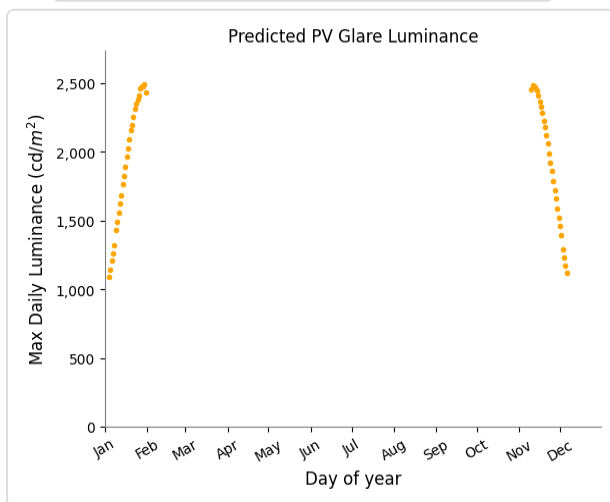
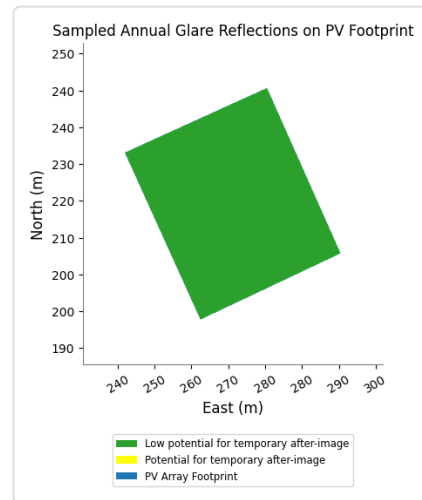
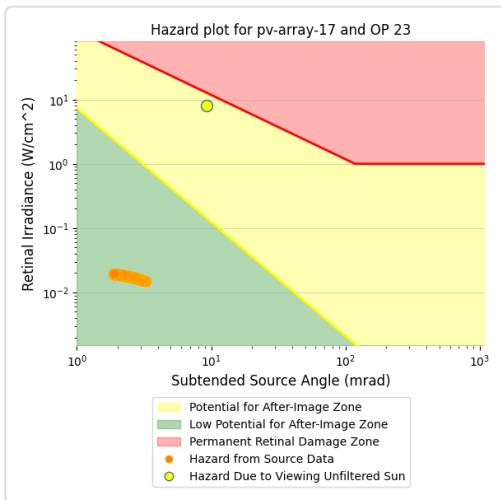
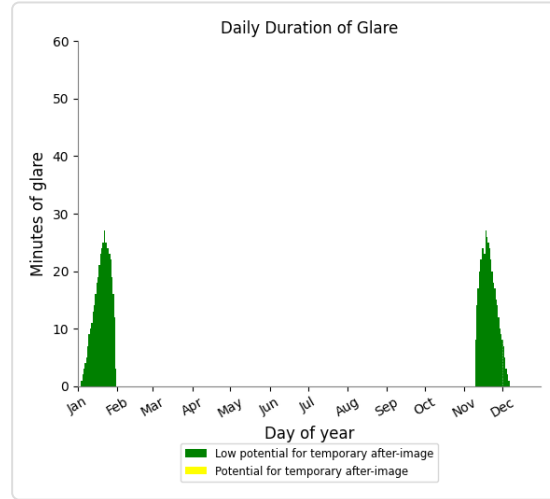
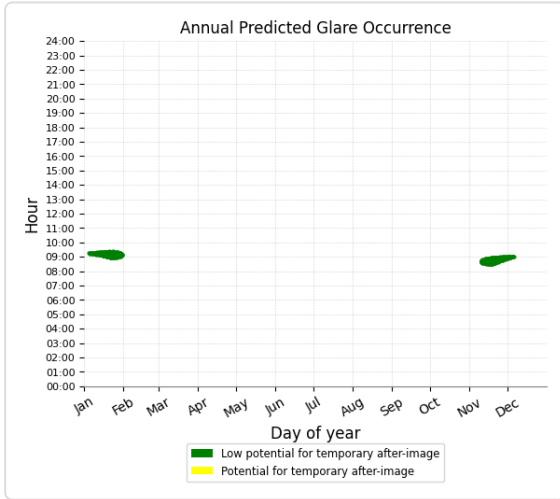
Green glare: 865 min.



PV array 17 and OP 23

Yellow glare: none

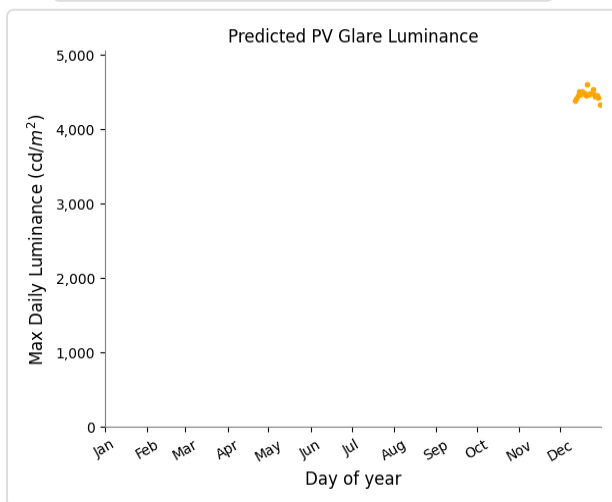
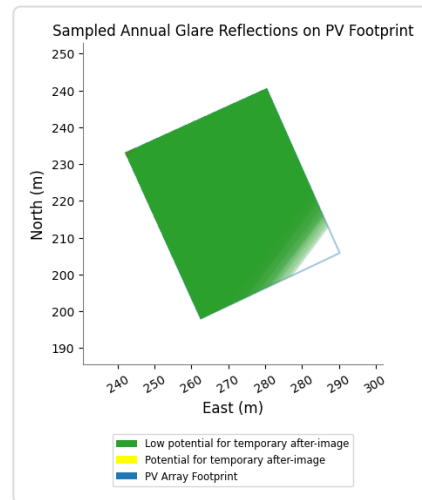
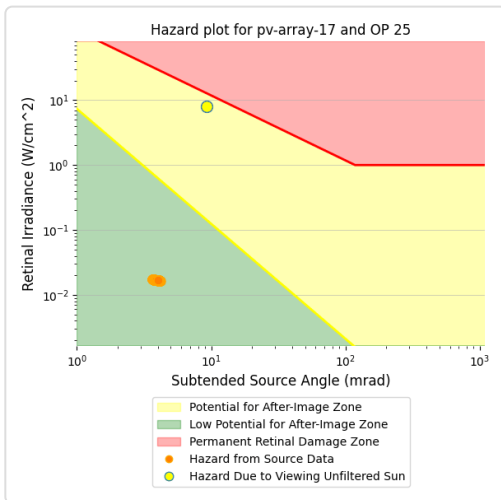
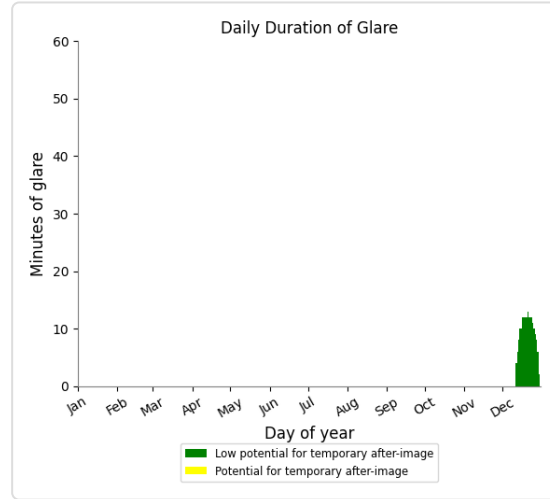
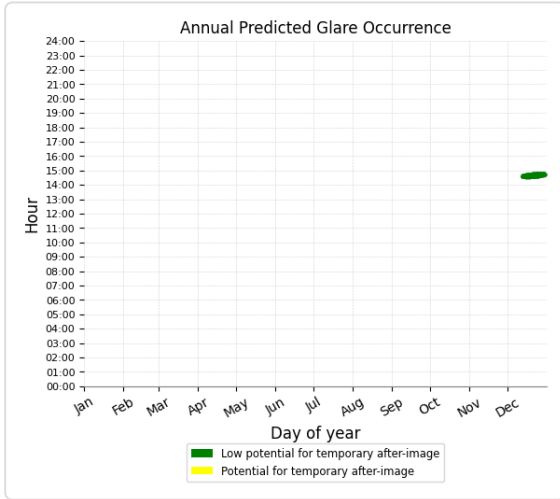
Green glare: 837 min.



PV array 17 and OP 25

Yellow glare: none

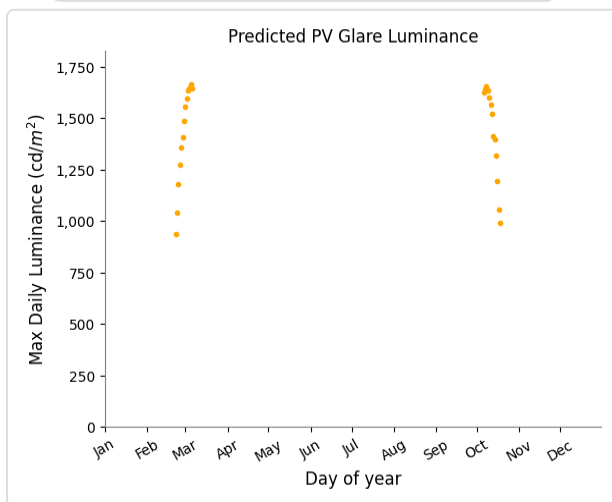
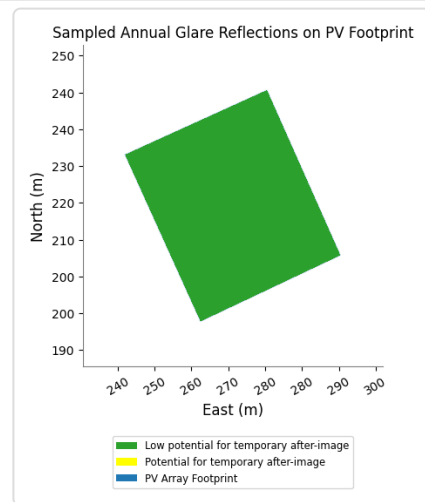
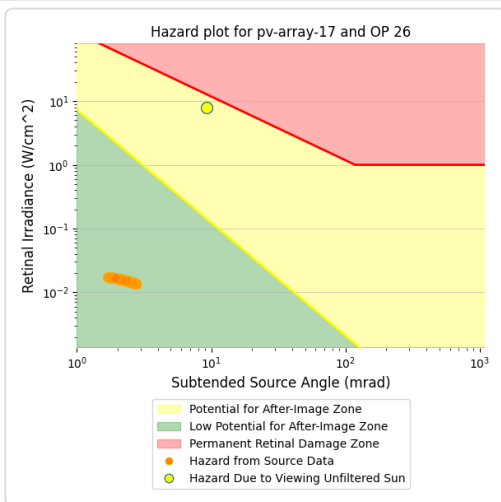
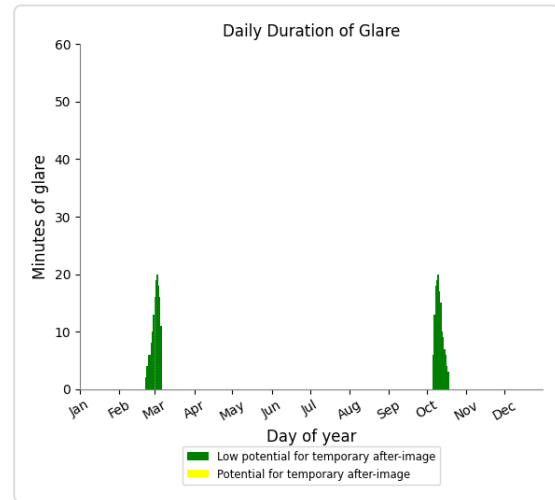
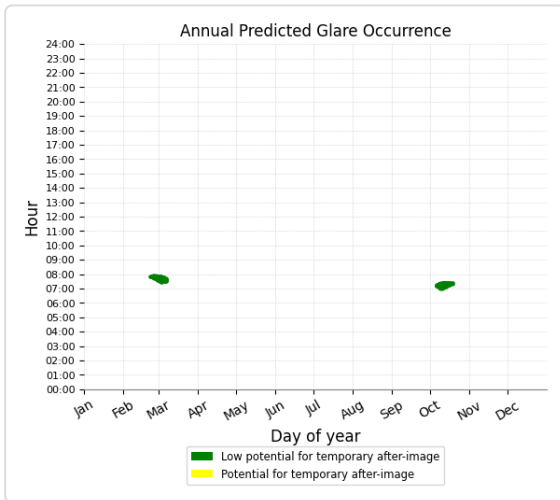
Green glare: 181 min.



PV array 17 and OP 26

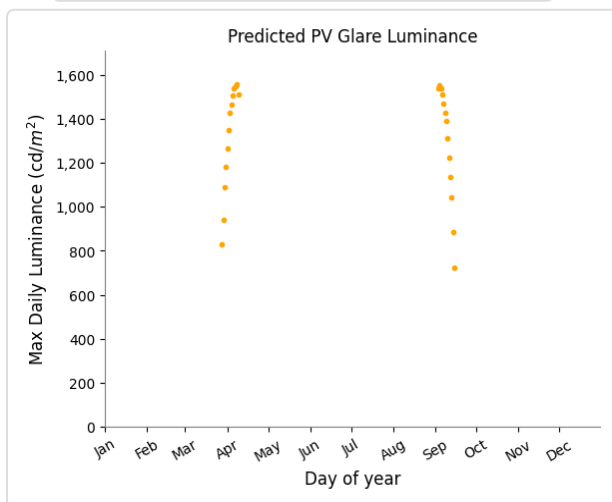
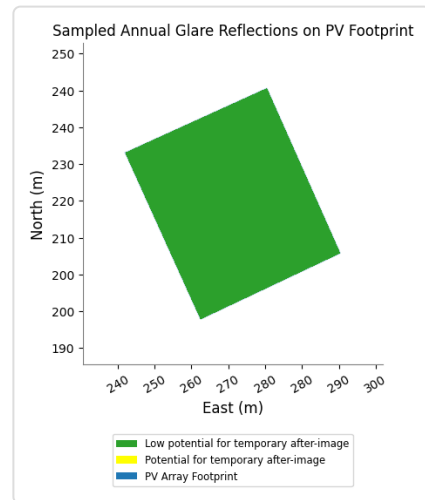
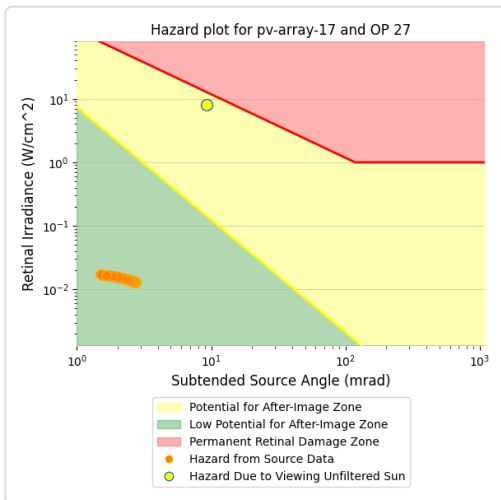
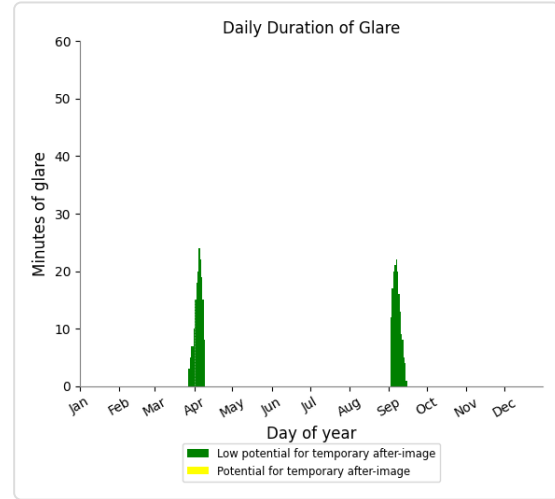
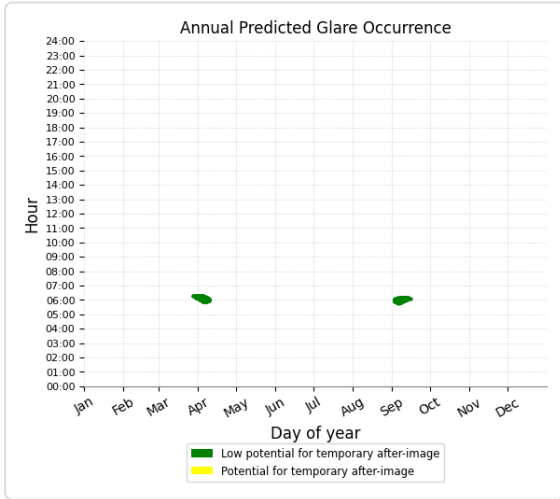
Yellow glare: none

Green glare: 296 min.



PV array 17 and OP 27

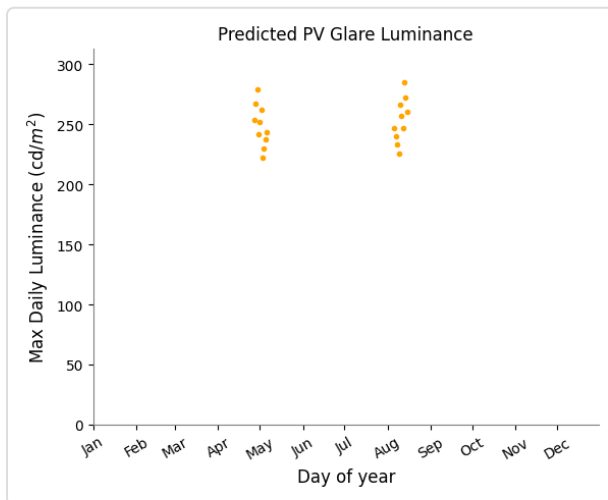
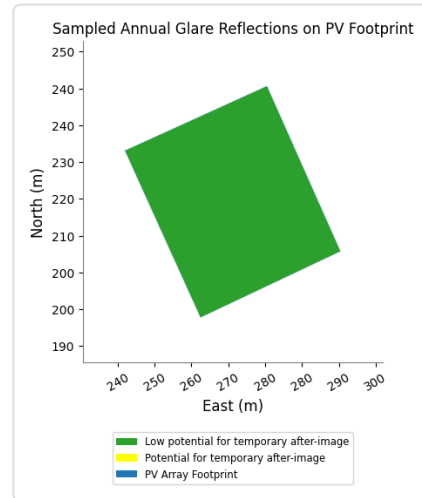
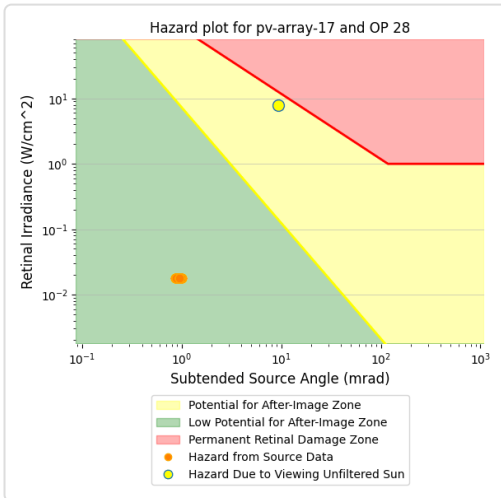
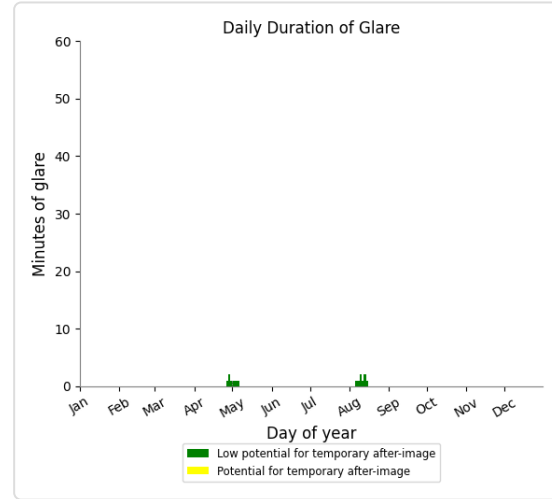
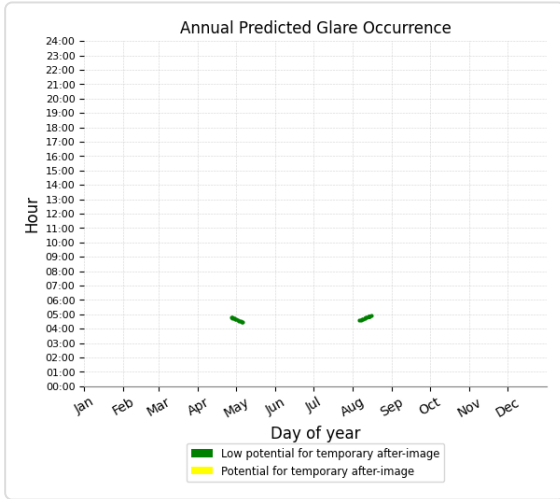
Yellow glare: none
 Green glare: 341 min.



PV array 17 and OP 28

Yellow glare: none

Green glare: 25 min.



PV array 17 and OP 1

No glare found

PV array 17 and OP 2

No glare found

PV array 17 and OP 3

No glare found

PV array 17 and OP 4

No glare found

PV array 17 and OP 5

No glare found

PV array 17 and OP 11

No glare found

PV array 17 and OP 12

No glare found

PV array 17 and OP 18

No glare found

PV array 17 and OP 19

No glare found

PV array 17 and OP 20

No glare found

PV array 17 and OP 21

No glare found

PV array 17 and OP 22

No glare found

PV array 17 and OP 24

No glare found

PV array 17 and OP 29

No glare found

PV array 17 and OP 30

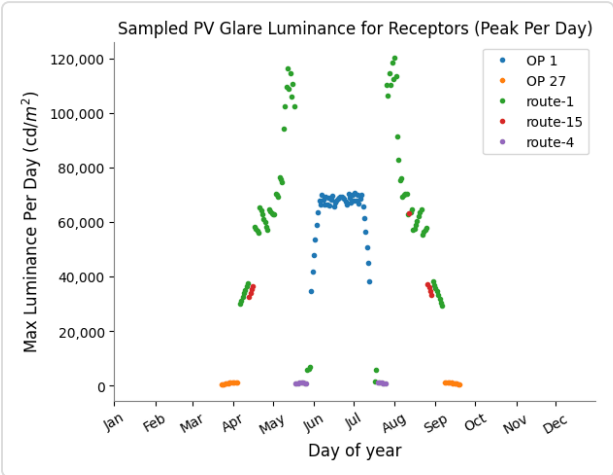
No glare found

PV: PV array 18 low potential for temporary after-image

Receptor results ordered by category of glare

Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
Route 1	274	4.6	0	0.0	120,149
Route 15	201	3.4	0	0.0	86,359
Route 4	561	9.3	0	0.0	1,115
Footpath 1	0	0.0	0	0.0	0
Footpath 2	0	0.0	0	0.0	0
Footpath 3	0	0.0	0	0.0	0
Footpath 4	0	0.0	0	0.0	0
Route 10	0	0.0	0	0.0	0
Route 11	0	0.0	0	0.0	0
Route 12	0	0.0	0	0.0	0
Route 13	0	0.0	0	0.0	0
Route 14	0	0.0	0	0.0	0
Route 16	0	0.0	0	0.0	0
Route 2	0	0.0	0	0.0	0
Route 3	0	0.0	0	0.0	0
Route 5	0	0.0	0	0.0	0
Route 6	0	0.0	0	0.0	0
Route 7	0	0.0	0	0.0	0
Route 8	0	0.0	0	0.0	0
Route 9	0	0.0	0	0.0	0
FP 1	0	0.0	0	0.0	0
FP 2	0	0.0	0	0.0	0
OP 1	269	4.5	0	0.0	70,625
OP 5	42	0.7	0	0.0	6,177
OP 27	268	4.5	0	0.0	1,212
OP 28	269	4.5	0	0.0	1,209
OP 2	0	0.0	0	0.0	0
OP 3	0	0.0	0	0.0	0
OP 4	0	0.0	0	0.0	0
OP 6	0	0.0	0	0.0	0
OP 7	0	0.0	0	0.0	0
OP 8	0	0.0	0	0.0	0
OP 9	0	0.0	0	0.0	0
OP 10	0	0.0	0	0.0	0
OP 11	0	0.0	0	0.0	0
OP 12	0	0.0	0	0.0	0
OP 13	0	0.0	0	0.0	0
OP 14	0	0.0	0	0.0	0

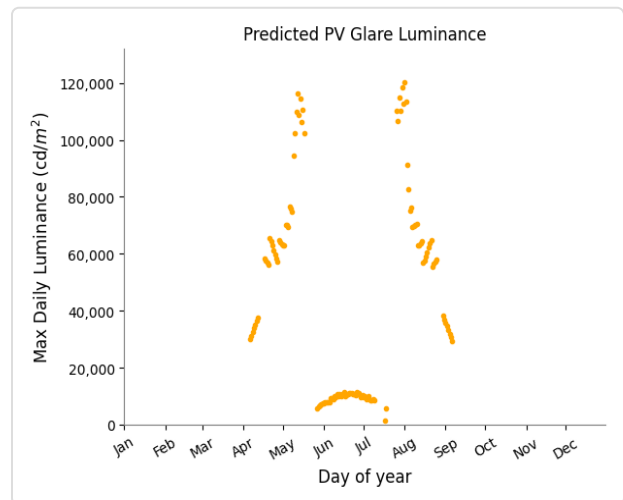
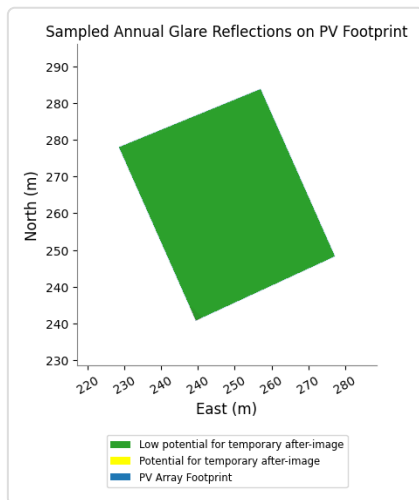
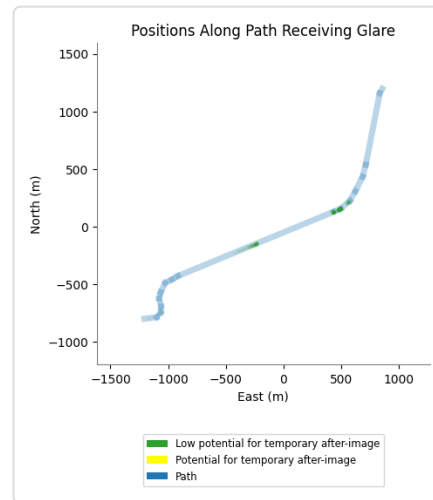
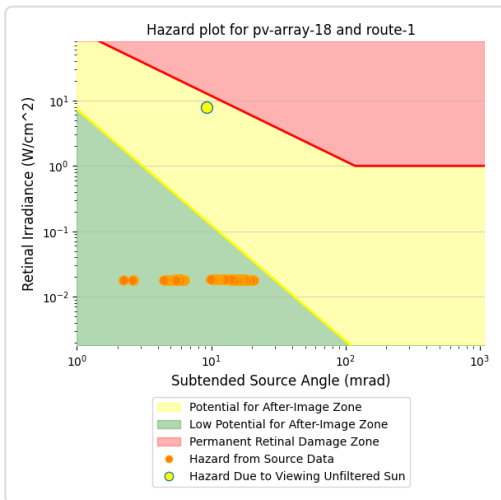
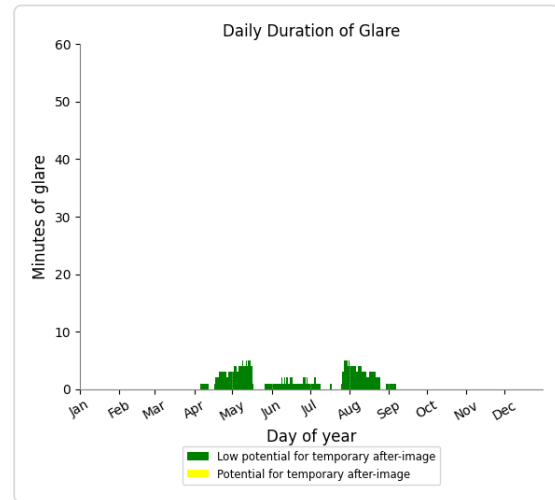
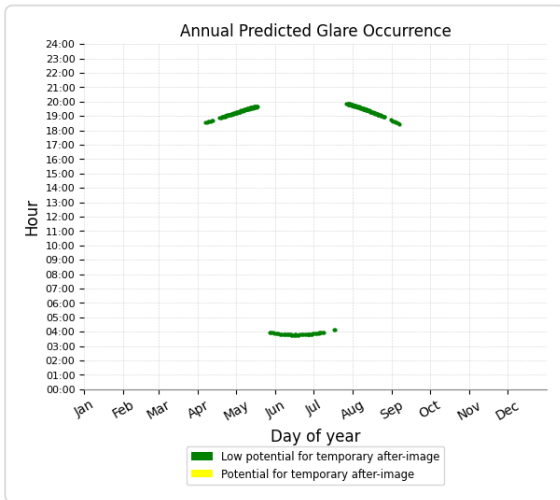
Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
OP 15	0	0.0	0	0.0	0
OP 16	0	0.0	0	0.0	0
OP 17	0	0.0	0	0.0	0
OP 18	0	0.0	0	0.0	0
OP 19	0	0.0	0	0.0	0
OP 20	0	0.0	0	0.0	0
OP 21	0	0.0	0	0.0	0
OP 22	0	0.0	0	0.0	0
OP 23	0	0.0	0	0.0	0
OP 24	0	0.0	0	0.0	0
OP 25	0	0.0	0	0.0	0
OP 26	0	0.0	0	0.0	0
OP 29	0	0.0	0	0.0	0
OP 30	0	0.0	0	0.0	0



PV array 18 and Route: Route 1

Yellow glare: none

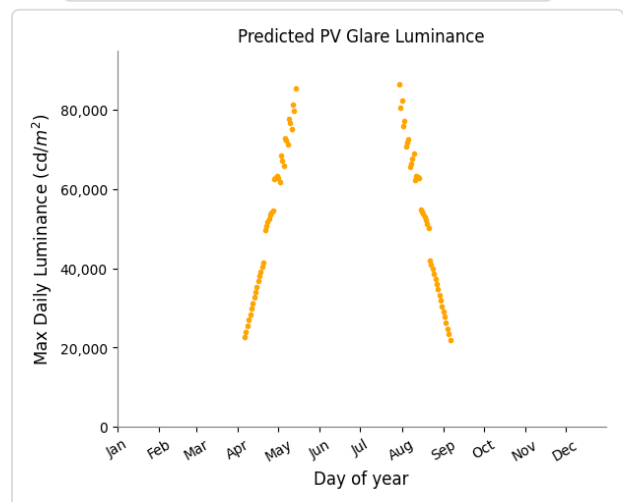
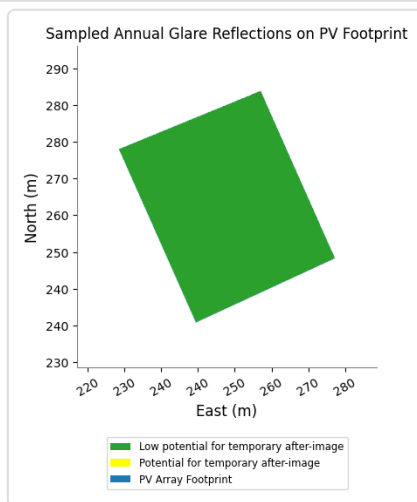
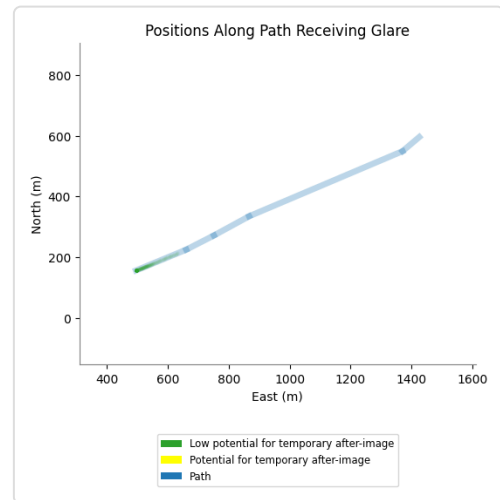
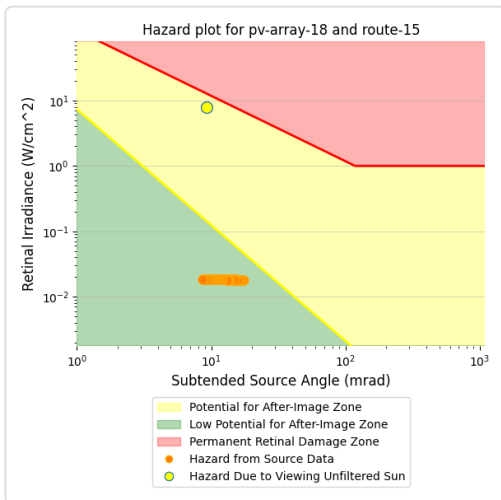
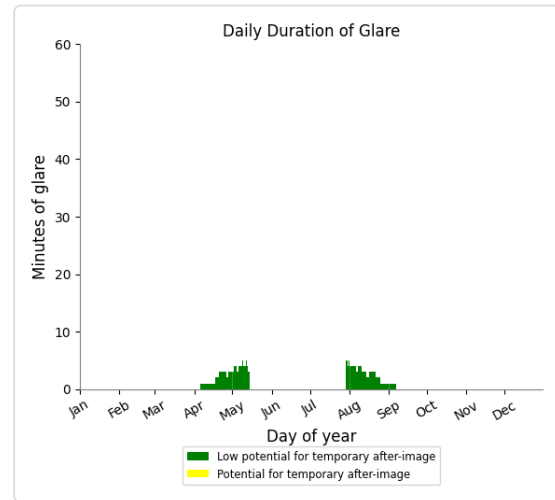
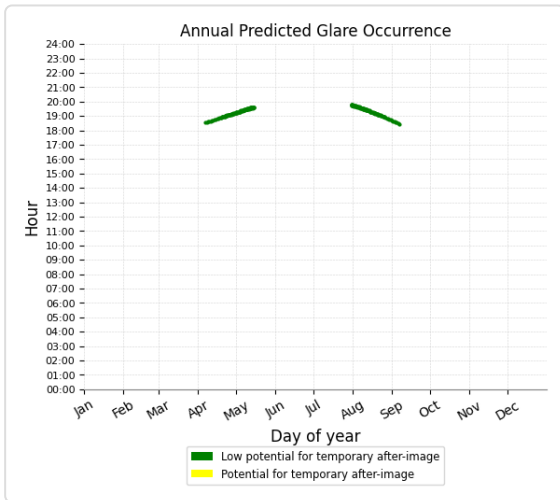
Green glare: 274 min.



PV array 18 and Route: Route 15

Yellow glare: none

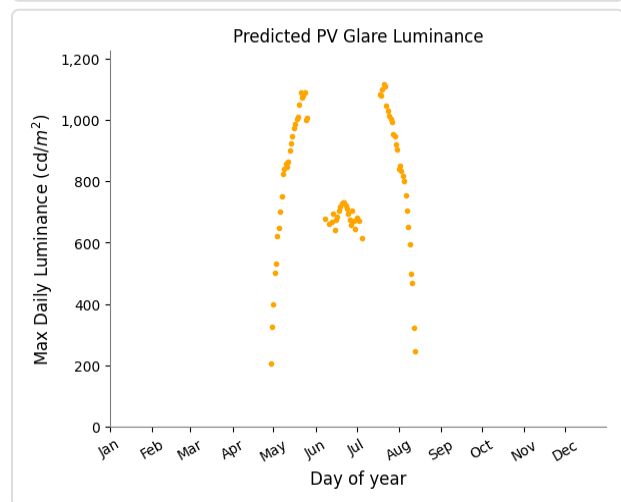
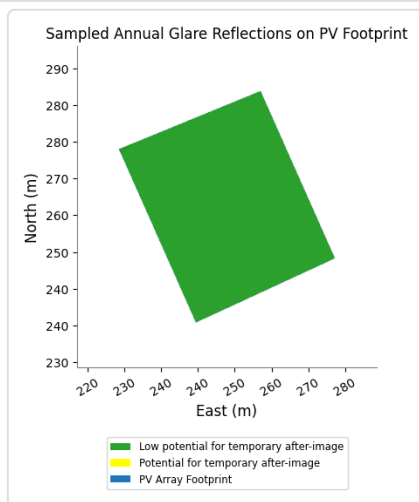
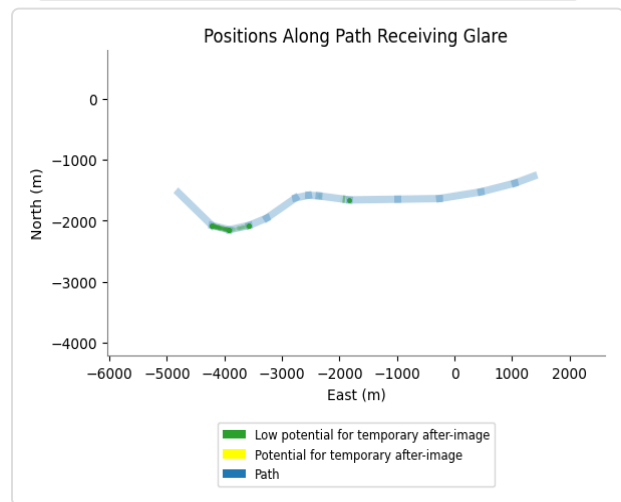
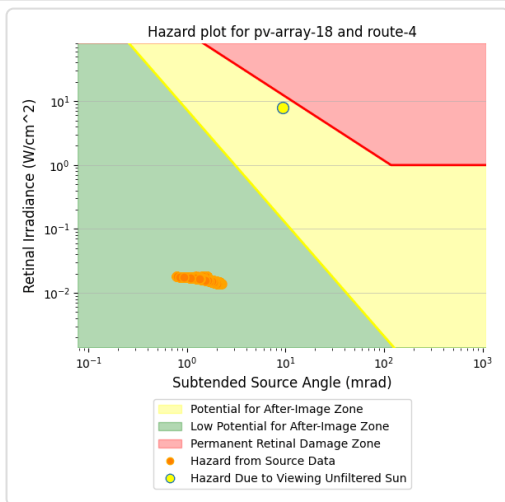
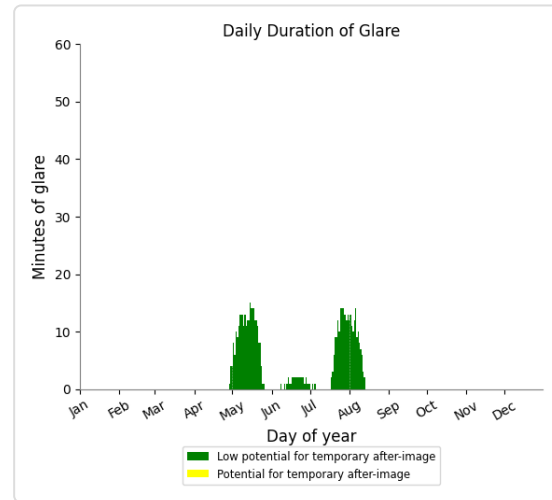
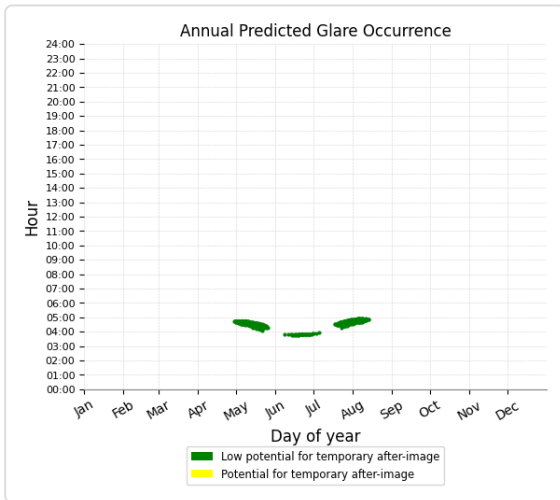
Green glare: 201 min.



PV array 18 and Route: Route 4

Yellow glare: none

Green glare: 561 min.



PV array 18 and Route: Footpath 1

No glare found

PV array 18 and Route: Footpath 2

No glare found

PV array 18 and Route: Footpath 3

No glare found

PV array 18 and Route: Footpath 4

No glare found

PV array 18 and Route: Route 10

No glare found

PV array 18 and Route: Route 11

No glare found

PV array 18 and Route: Route 12

No glare found

PV array 18 and Route: Route 13

No glare found

PV array 18 and Route: Route 14

No glare found

PV array 18 and Route: Route 16

No glare found

PV array 18 and Route: Route 2

No glare found

PV array 18 and Route: Route 3

No glare found

PV array 18 and Route: Route 5

No glare found

PV array 18 and Route: Route 6

No glare found

PV array 18 and Route: Route 7

No glare found

PV array 18 and Route: Route 8

No glare found

PV array 18 and Route: Route 9

No glare found

PV array 18 and FP: FP 1

No glare found

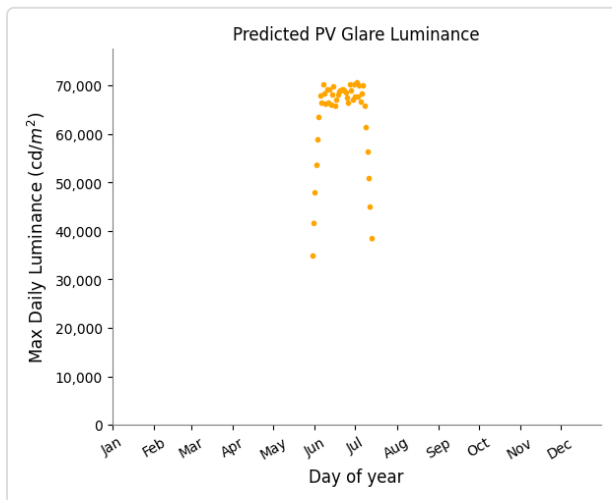
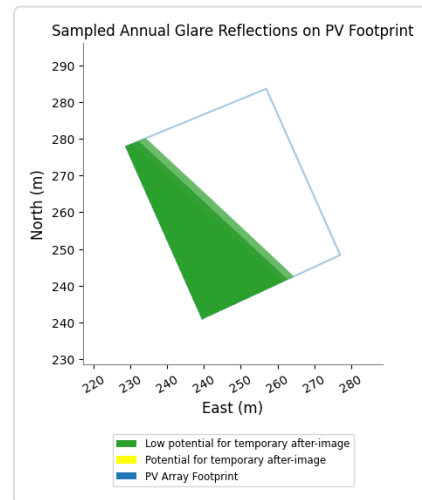
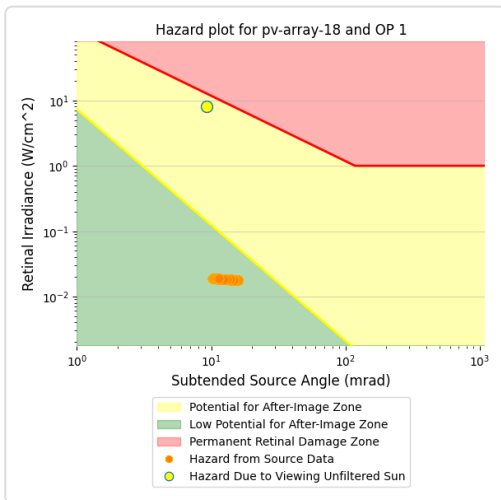
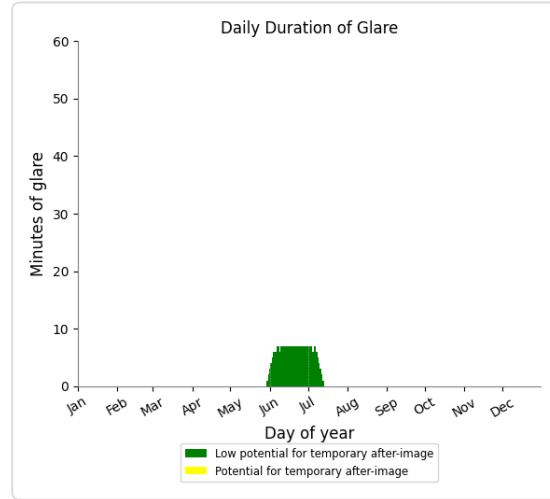
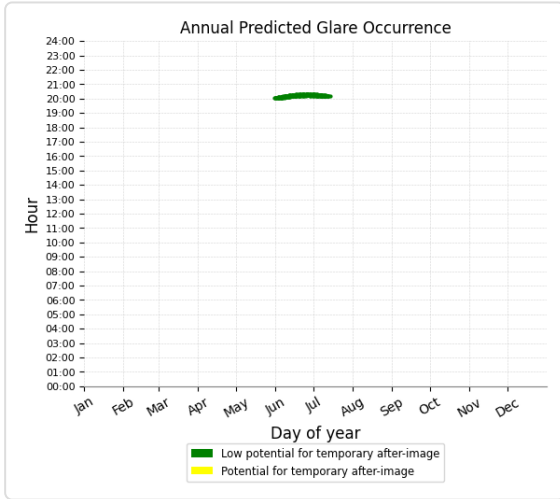
PV array 18 and FP: FP 2

No glare found

PV array 18 and OP 1

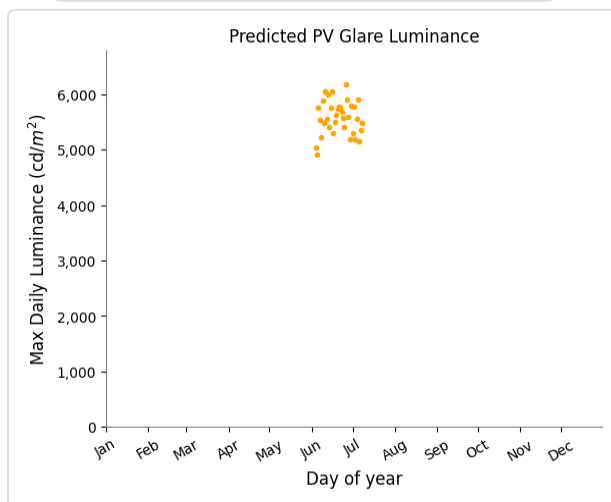
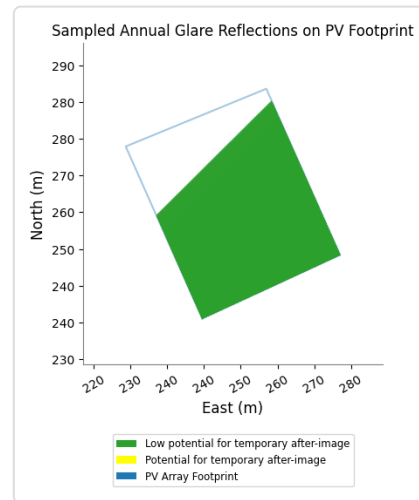
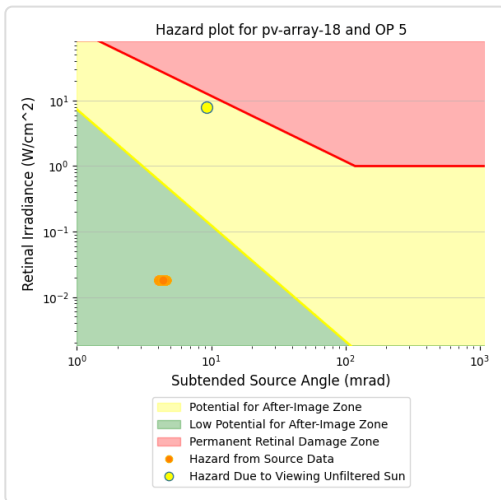
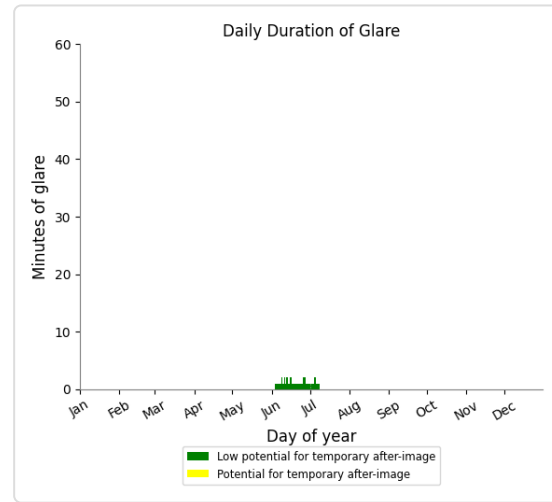
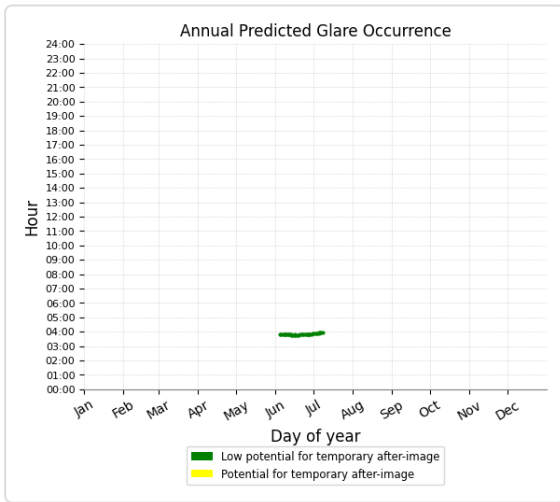
Yellow glare: none

Green glare: 269 min.



PV array 18 and OP 5

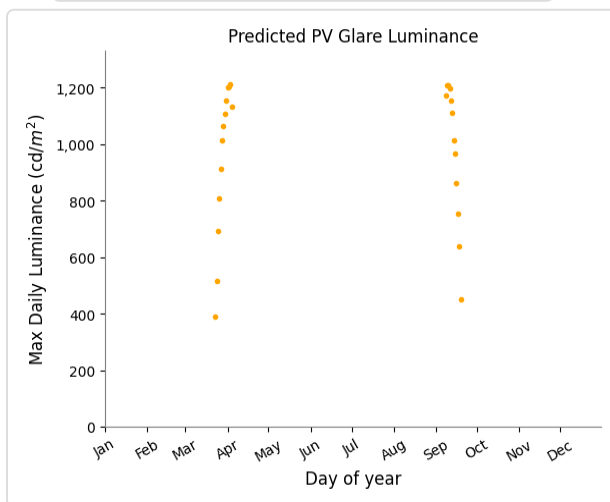
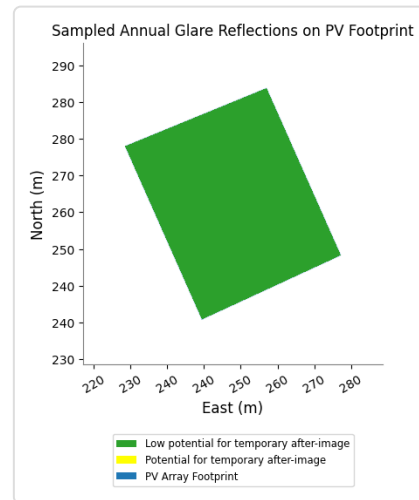
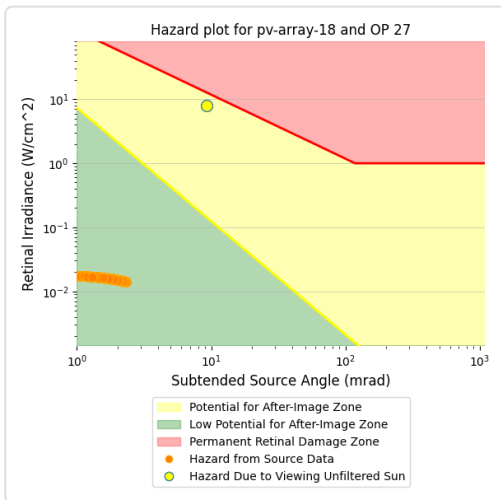
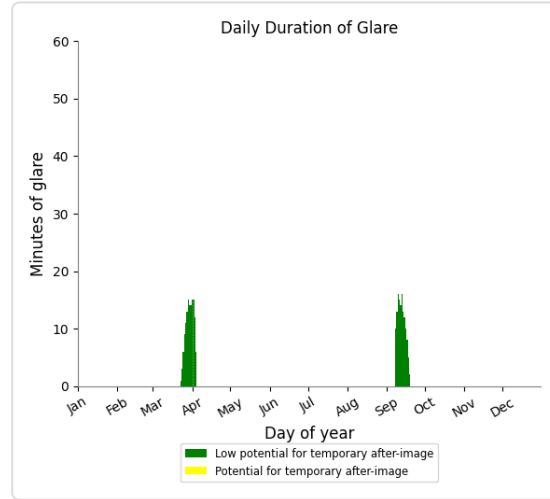
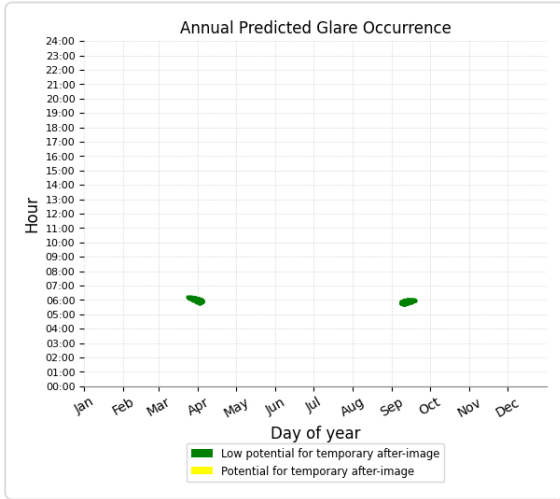
Yellow glare: none
 Green glare: 42 min.



PV array 18 and OP 27

Yellow glare: none

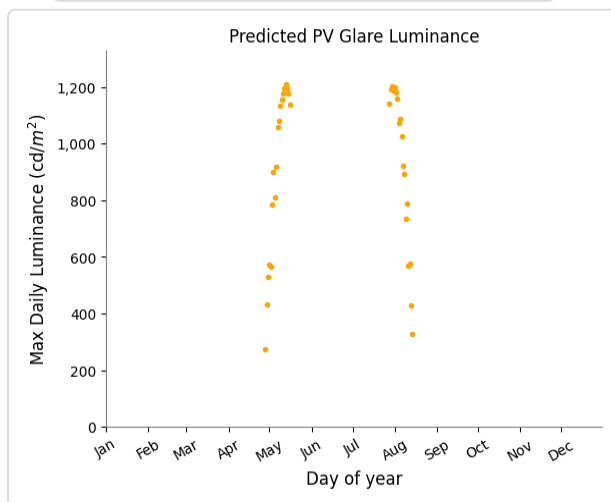
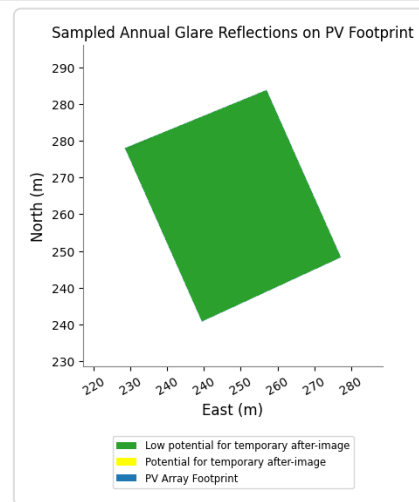
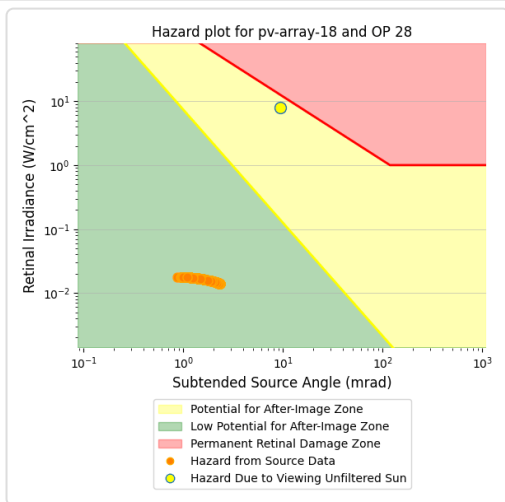
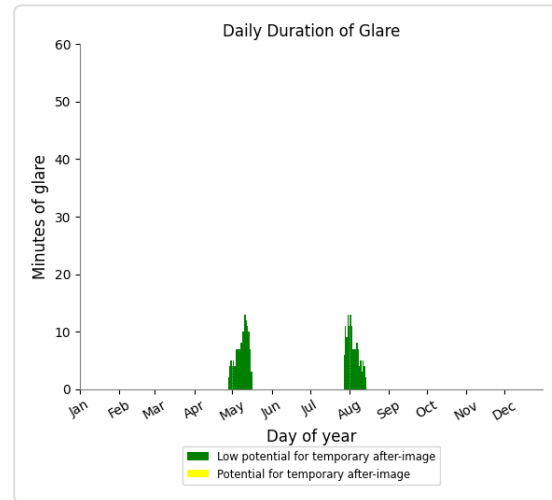
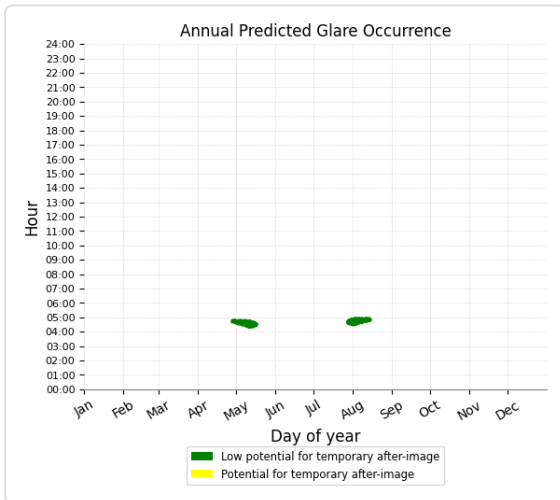
Green glare: 268 min.



PV array 18 and OP 28

Yellow glare: none

Green glare: 269 min.



PV array 18 and OP 2

No glare found

PV array 18 and OP 3

No glare found

PV array 18 and OP 4

No glare found

PV array 18 and OP 6

No glare found

PV array 18 and OP 7

No glare found

PV array 18 and OP 8

No glare found

PV array 18 and OP 9

No glare found

PV array 18 and OP 10

No glare found

PV array 18 and OP 11

No glare found

PV array 18 and OP 12

No glare found

PV array 18 and OP 13

No glare found

PV array 18 and OP 14

No glare found

PV array 18 and OP 15

No glare found

PV array 18 and OP 16

No glare found

PV array 18 and OP 17

No glare found

PV array 18 and OP 18

No glare found

PV array 18 and OP 19

No glare found

PV array 18 and OP 20

No glare found

PV array 18 and OP 21

No glare found

PV array 18 and OP 22

No glare found

PV array 18 and OP 23

No glare found

PV array 18 and OP 24

No glare found

PV array 18 and OP 25

No glare found

PV array 18 and OP 26

No glare found

PV array 18 and OP 29

No glare found

PV array 18 and OP 30

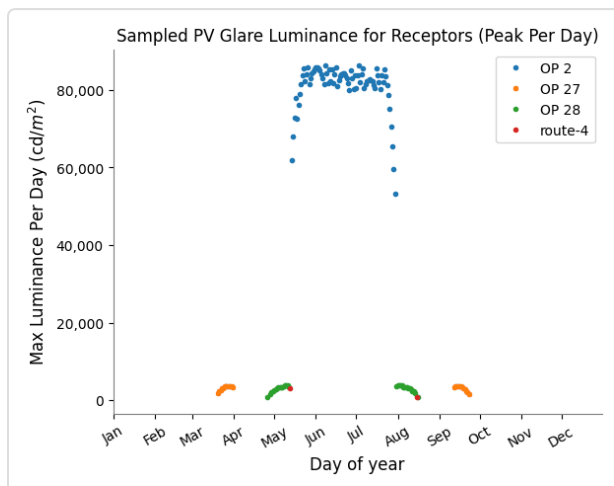
No glare found

PV: PV array 2 low potential for temporary after-image

Receptor results ordered by category of glare

Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
Route 4	741	12.3	0	0.0	8,608
Route 8	79	1.3	0	0.0	6,405
Footpath 1	0	0.0	0	0.0	0
Footpath 2	0	0.0	0	0.0	0
Footpath 3	0	0.0	0	0.0	0
Footpath 4	0	0.0	0	0.0	0
Route 1	0	0.0	0	0.0	0
Route 10	0	0.0	0	0.0	0
Route 11	0	0.0	0	0.0	0
Route 12	0	0.0	0	0.0	0
Route 13	0	0.0	0	0.0	0
Route 14	0	0.0	0	0.0	0
Route 15	0	0.0	0	0.0	0
Route 16	0	0.0	0	0.0	0
Route 2	0	0.0	0	0.0	0
Route 3	0	0.0	0	0.0	0
Route 5	0	0.0	0	0.0	0
Route 6	0	0.0	0	0.0	0
Route 7	0	0.0	0	0.0	0
Route 9	0	0.0	0	0.0	0
FP 1	0	0.0	0	0.0	0
FP 2	0	0.0	0	0.0	0
OP 2	287	4.8	0	0.0	86,192
OP 27	256	4.3	0	0.0	3,686
OP 28	311	5.2	0	0.0	3,887
OP 1	0	0.0	0	0.0	0
OP 3	0	0.0	0	0.0	0
OP 4	0	0.0	0	0.0	0
OP 5	0	0.0	0	0.0	0
OP 6	0	0.0	0	0.0	0
OP 7	0	0.0	0	0.0	0
OP 8	0	0.0	0	0.0	0
OP 9	0	0.0	0	0.0	0
OP 10	0	0.0	0	0.0	0
OP 11	0	0.0	0	0.0	0
OP 12	0	0.0	0	0.0	0
OP 13	0	0.0	0	0.0	0
OP 14	0	0.0	0	0.0	0

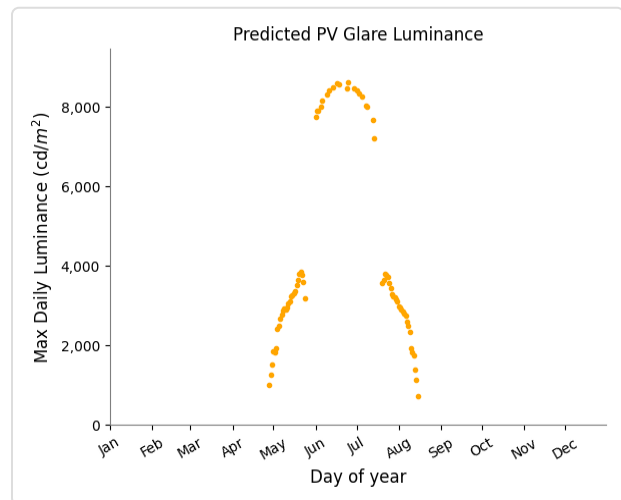
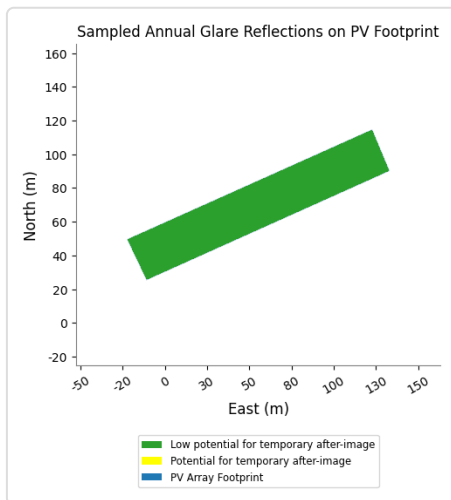
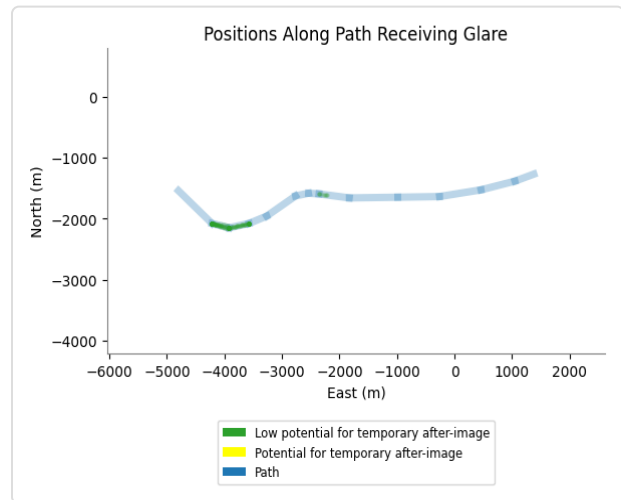
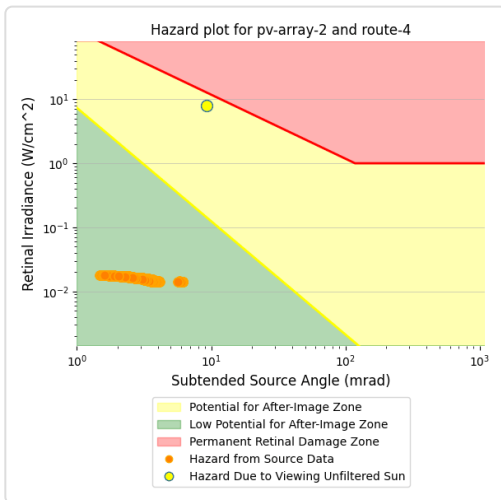
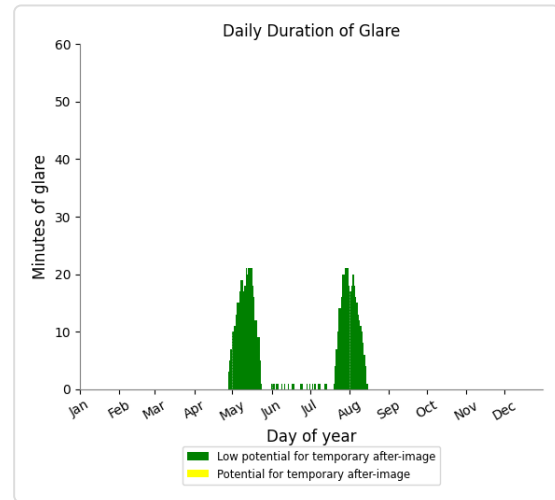
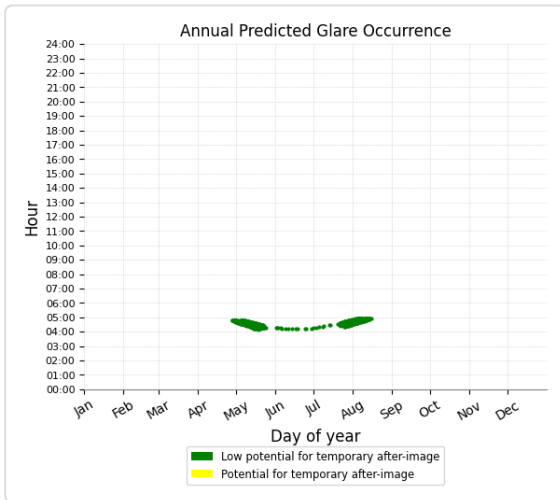
Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
OP 15	0	0.0	0	0.0	0
OP 16	0	0.0	0	0.0	0
OP 17	0	0.0	0	0.0	0
OP 18	0	0.0	0	0.0	0
OP 19	0	0.0	0	0.0	0
OP 20	0	0.0	0	0.0	0
OP 21	0	0.0	0	0.0	0
OP 22	0	0.0	0	0.0	0
OP 23	0	0.0	0	0.0	0
OP 24	0	0.0	0	0.0	0
OP 25	0	0.0	0	0.0	0
OP 26	0	0.0	0	0.0	0
OP 29	0	0.0	0	0.0	0
OP 30	0	0.0	0	0.0	0



PV array 2 and Route: Route 4

Yellow glare: none

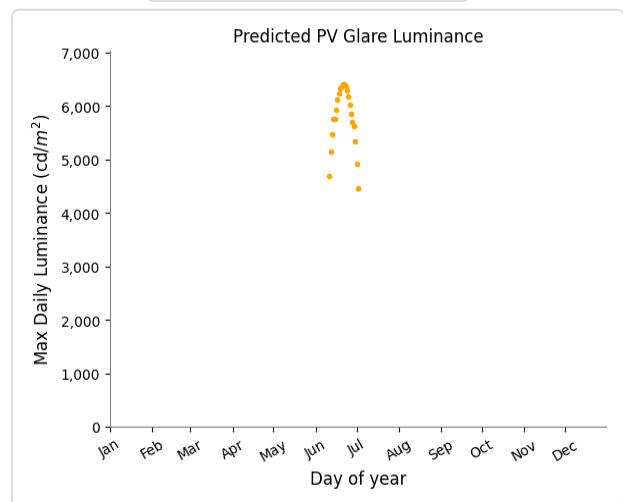
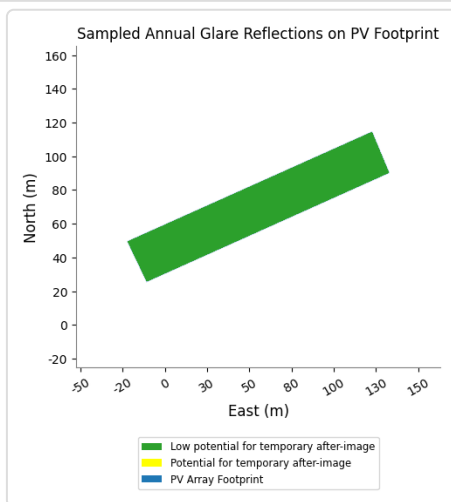
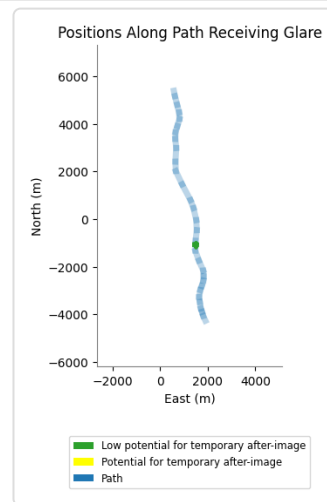
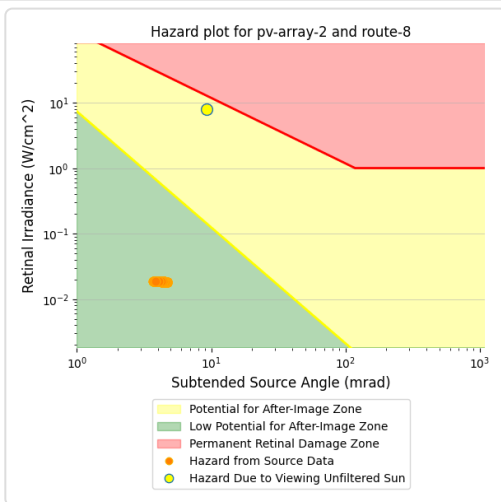
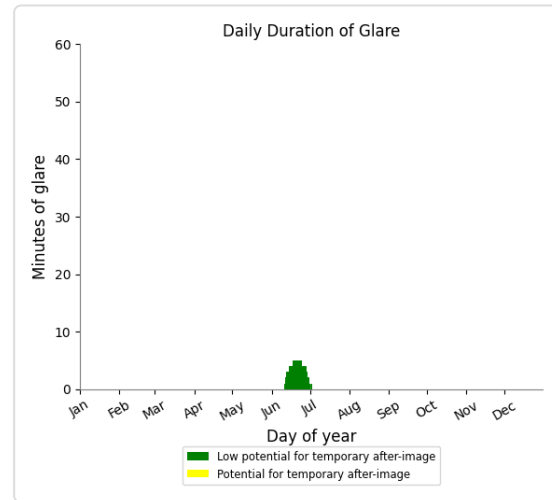
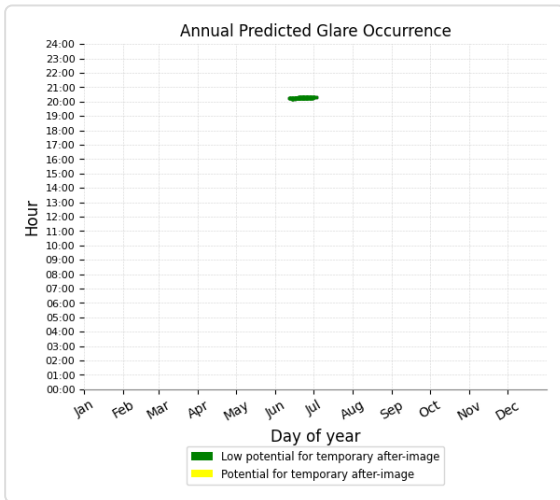
Green glare: 741 min.



PV array 2 and Route: Route 8

Yellow glare: none

Green glare: 79 min.



PV array 2 and Route: Footpath 1

No glare found

PV array 2 and Route: Footpath 2

No glare found

PV array 2 and Route: Footpath 3

No glare found

PV array 2 and Route: Footpath 4

No glare found

PV array 2 and Route: Route 1

No glare found

PV array 2 and Route: Route 10

No glare found

PV array 2 and Route: Route 11

No glare found

PV array 2 and Route: Route 12

No glare found

PV array 2 and Route: Route 13

No glare found

PV array 2 and Route: Route 14

No glare found

PV array 2 and Route: Route 15

No glare found

PV array 2 and Route: Route 16

No glare found

PV array 2 and Route: Route 2

No glare found

PV array 2 and Route: Route 3

No glare found

PV array 2 and Route: Route 5

No glare found

PV array 2 and Route: Route 6

No glare found

PV array 2 and Route: Route 7

No glare found

PV array 2 and Route: Route 9

No glare found

PV array 2 and FP: FP 1

No glare found

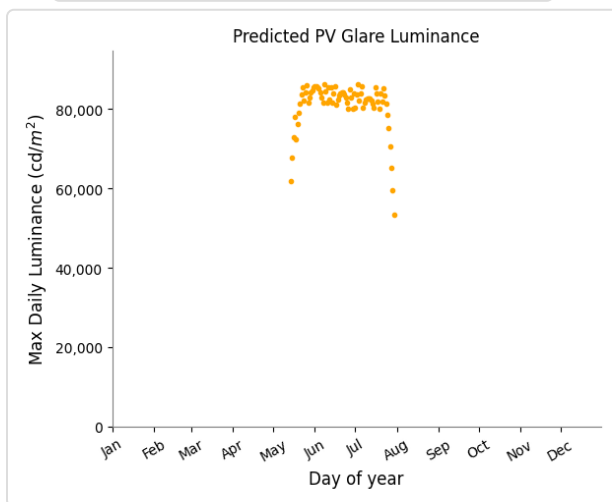
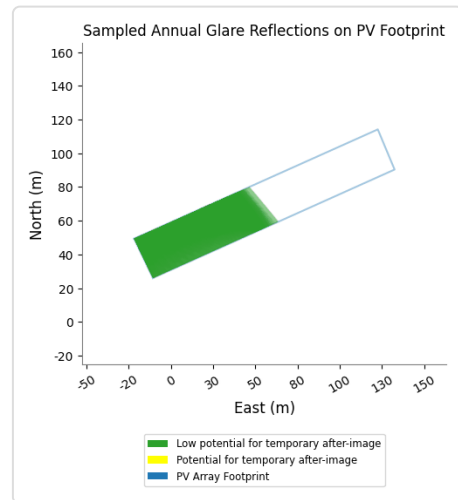
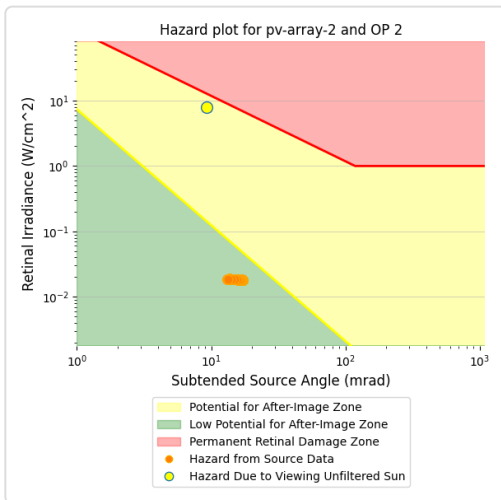
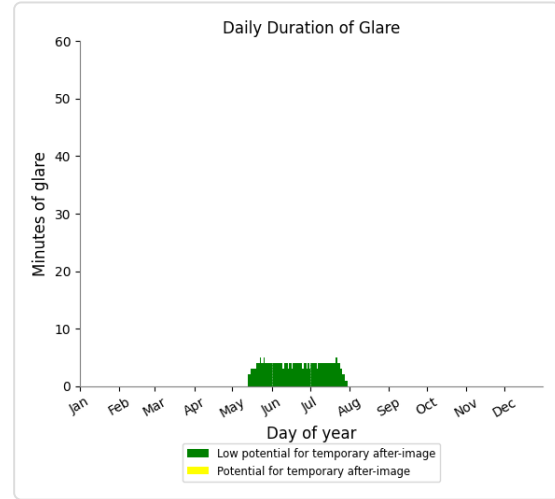
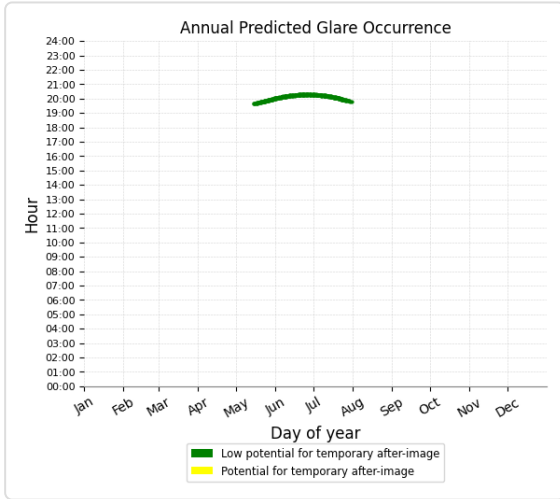
PV array 2 and FP: FP 2

No glare found

PV array 2 and OP 2

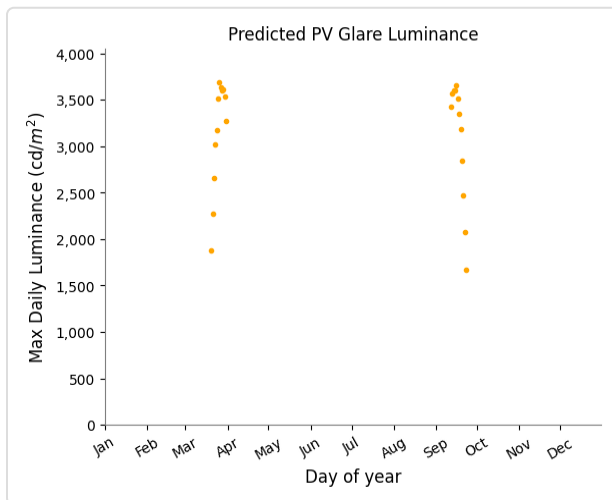
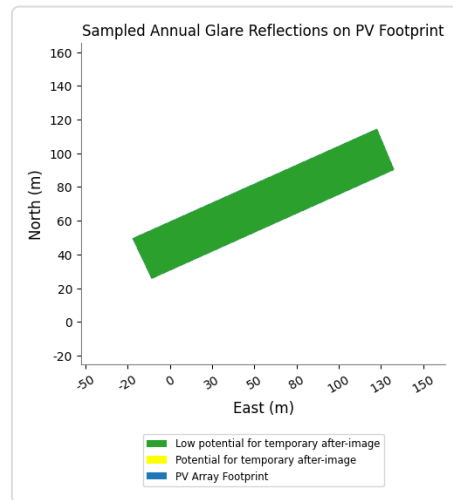
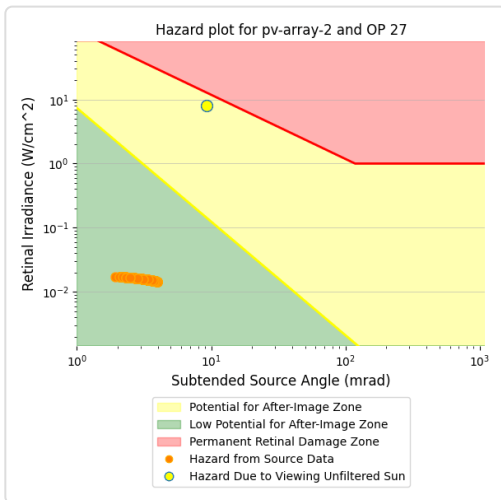
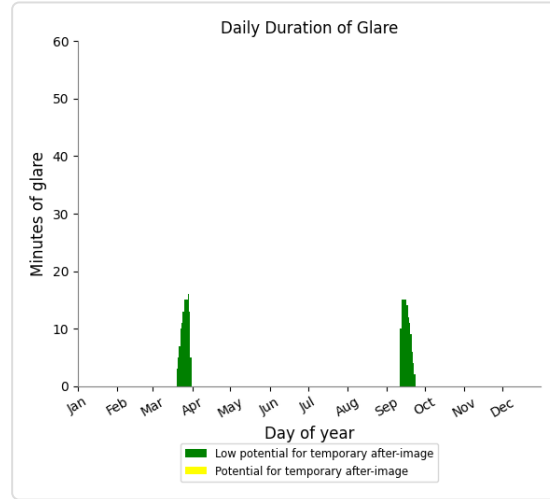
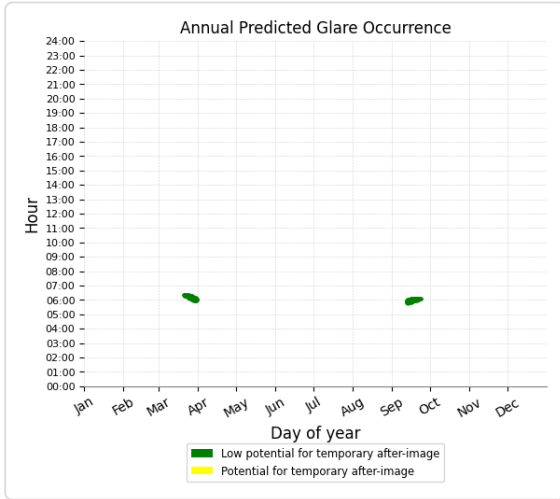
Yellow glare: none

Green glare: 287 min.



PV array 2 and OP 27

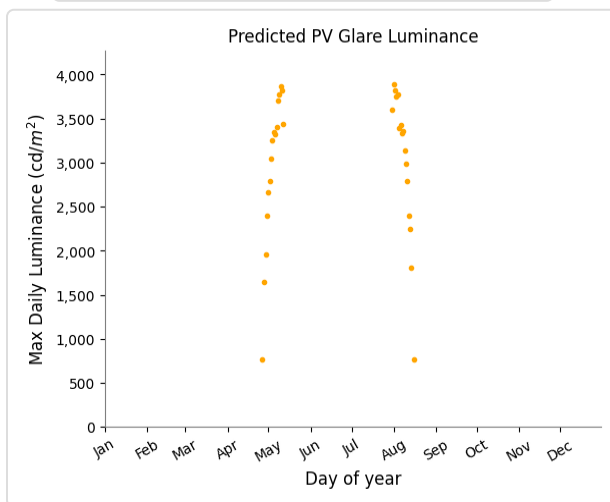
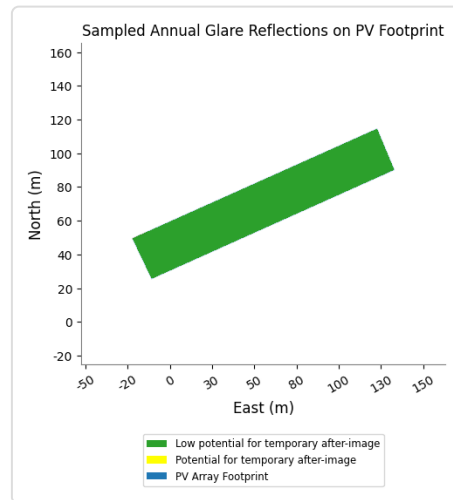
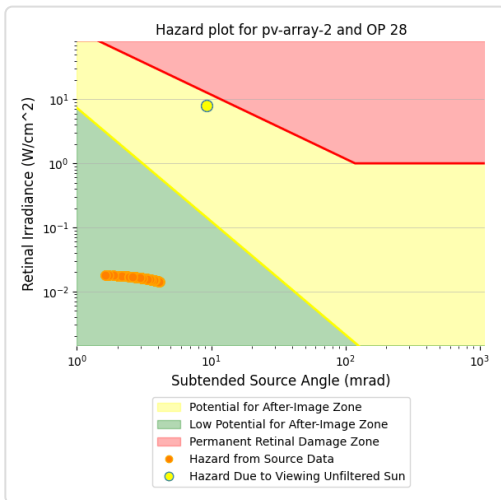
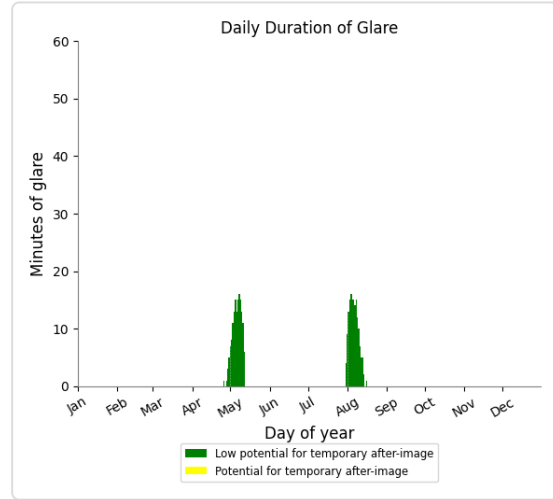
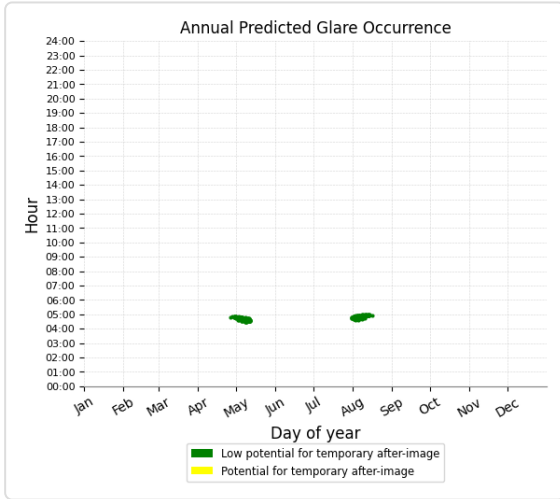
Yellow glare: none
 Green glare: 256 min.



PV array 2 and OP 28

Yellow glare: none

Green glare: 311 min.



PV array 2 and OP 1

No glare found

PV array 2 and OP 3

No glare found

PV array 2 and OP 4

No glare found

PV array 2 and OP 5

No glare found

PV array 2 and OP 6

No glare found

PV array 2 and OP 7

No glare found

PV array 2 and OP 8

No glare found

PV array 2 and OP 9

No glare found

PV array 2 and OP 10

No glare found

PV array 2 and OP 11

No glare found

PV array 2 and OP 12

No glare found

PV array 2 and OP 13

No glare found

PV array 2 and OP 14

No glare found

PV array 2 and OP 15

No glare found

PV array 2 and OP 16

No glare found

PV array 2 and OP 17

No glare found

PV array 2 and OP 18

No glare found

PV array 2 and OP 19

No glare found

PV array 2 and OP 20

No glare found

PV array 2 and OP 21

No glare found

PV array 2 and OP 22

No glare found

PV array 2 and OP 23

No glare found

PV array 2 and OP 24

No glare found

PV array 2 and OP 25

No glare found

PV array 2 and OP 26

No glare found

PV array 2 and OP 29

No glare found

PV array 2 and OP 30

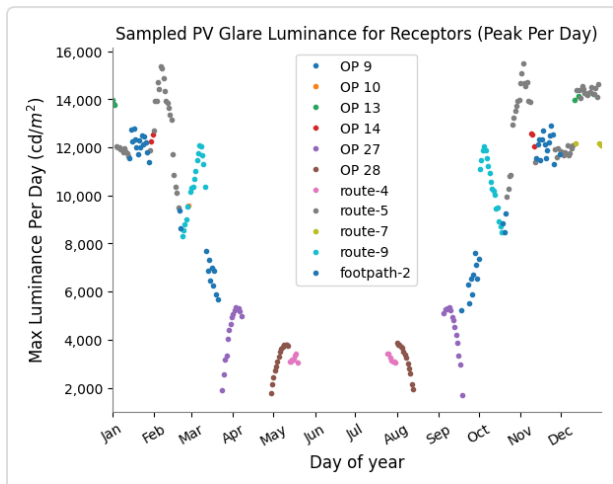
No glare found

PV: PV array 3 low potential for temporary after-image

Receptor results ordered by category of glare

Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
Footpath 2	956	15.9	0	0.0	12,908
Route 12	520	8.7	0	0.0	9,020
Route 13	580	9.7	0	0.0	4,769
Route 4	308	5.1	0	0.0	3,435
Route 5	1,682	28.0	0	0.0	15,481
Route 7	2,244	37.4	0	0.0	12,652
Route 9	671	11.2	0	0.0	12,079
Footpath 1	0	0.0	0	0.0	0
Footpath 3	0	0.0	0	0.0	0
Footpath 4	0	0.0	0	0.0	0
Route 1	0	0.0	0	0.0	0
Route 10	0	0.0	0	0.0	0
Route 11	0	0.0	0	0.0	0
Route 14	0	0.0	0	0.0	0
Route 15	0	0.0	0	0.0	0
Route 16	0	0.0	0	0.0	0
Route 2	0	0.0	0	0.0	0
Route 3	0	0.0	0	0.0	0
Route 6	0	0.0	0	0.0	0
Route 8	0	0.0	0	0.0	0
FP 1	0	0.0	0	0.0	0
FP 2	0	0.0	0	0.0	0
OP 9	26	0.4	0	0.0	7,705
OP 10	82	1.4	0	0.0	9,581
OP 13	56	0.9	0	0.0	14,283
OP 14	402	6.7	0	0.0	14,098
OP 23	1,203	20.1	0	0.0	8,042
OP 26	517	8.6	0	0.0	5,616
OP 27	456	7.6	0	0.0	5,353
OP 28	264	4.4	0	0.0	3,854
OP 1	0	0.0	0	0.0	0
OP 2	0	0.0	0	0.0	0
OP 3	0	0.0	0	0.0	0
OP 4	0	0.0	0	0.0	0
OP 5	0	0.0	0	0.0	0
OP 6	0	0.0	0	0.0	0
OP 7	0	0.0	0	0.0	0
OP 8	0	0.0	0	0.0	0

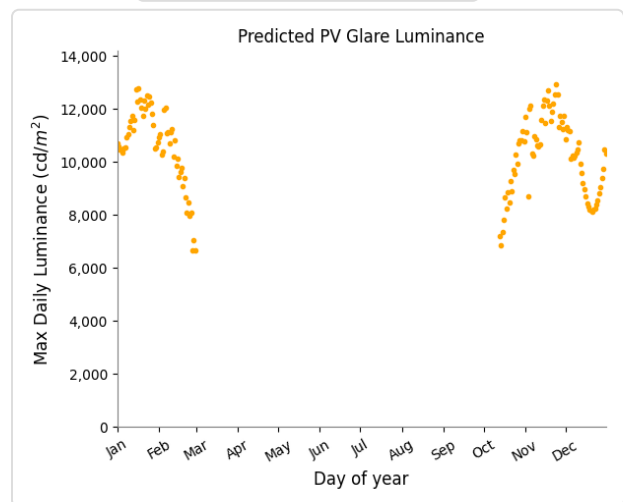
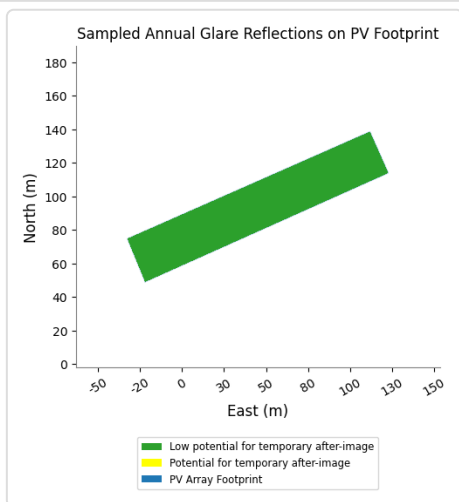
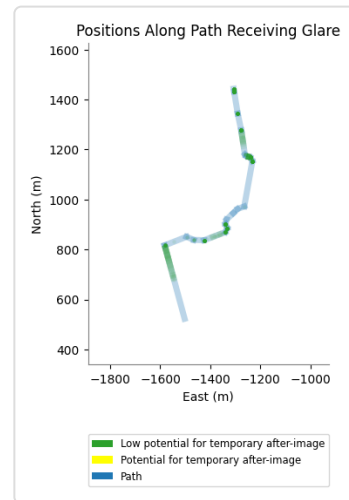
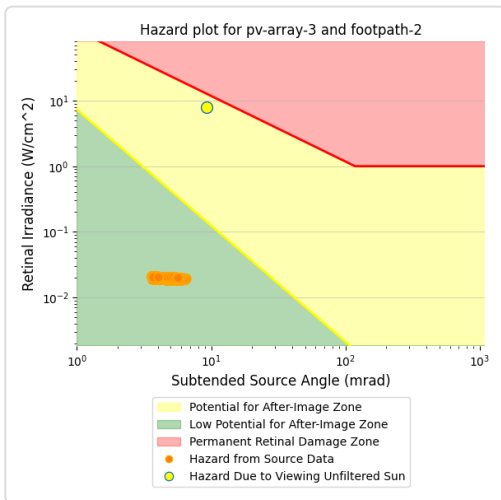
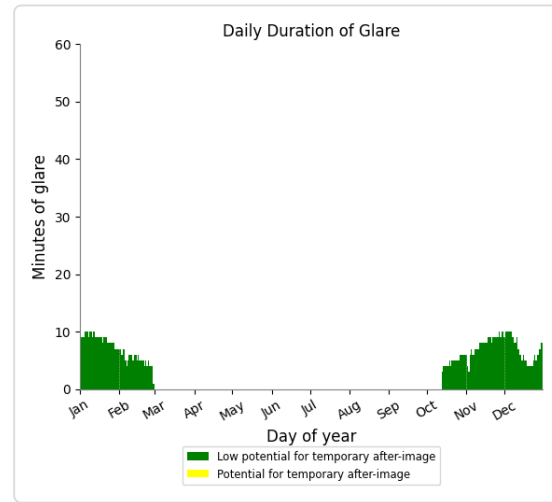
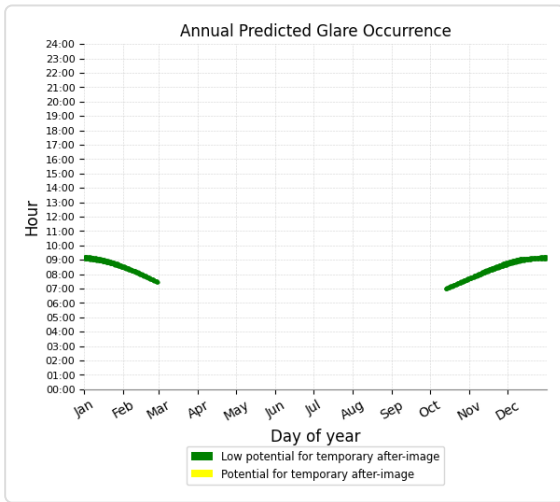
Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
OP 11	0	0.0	0	0.0	0
OP 12	0	0.0	0	0.0	0
OP 15	0	0.0	0	0.0	0
OP 16	0	0.0	0	0.0	0
OP 17	0	0.0	0	0.0	0
OP 18	0	0.0	0	0.0	0
OP 19	0	0.0	0	0.0	0
OP 20	0	0.0	0	0.0	0
OP 21	0	0.0	0	0.0	0
OP 22	0	0.0	0	0.0	0
OP 24	0	0.0	0	0.0	0
OP 25	0	0.0	0	0.0	0
OP 29	0	0.0	0	0.0	0
OP 30	0	0.0	0	0.0	0



PV array 3 and Route: Footpath 2

Yellow glare: none

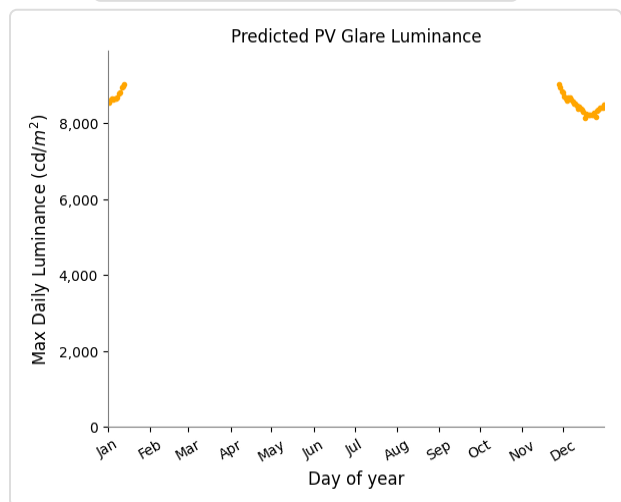
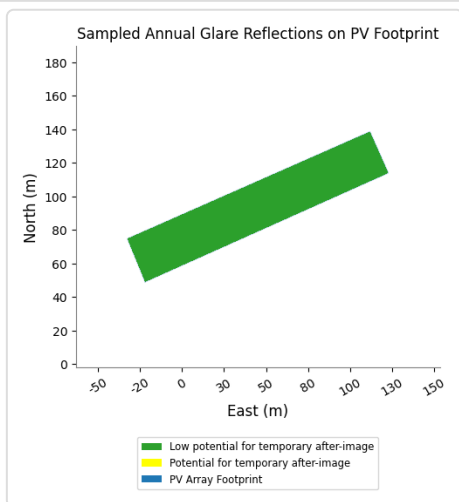
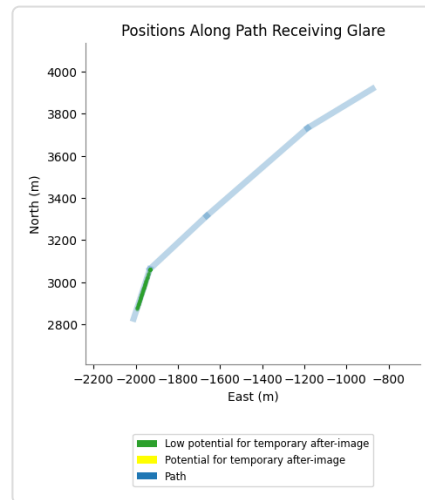
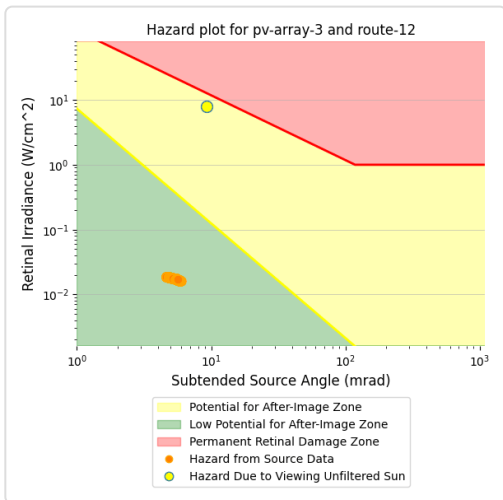
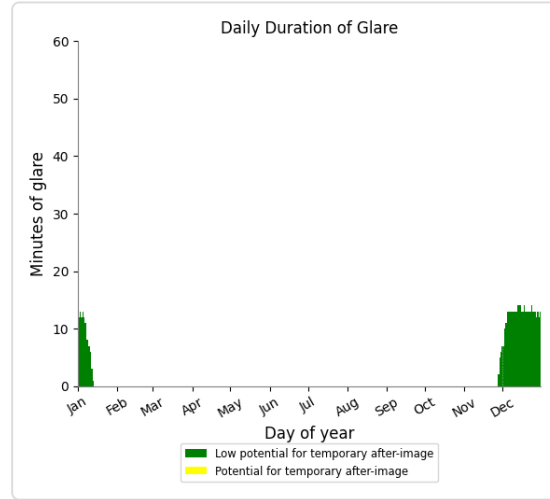
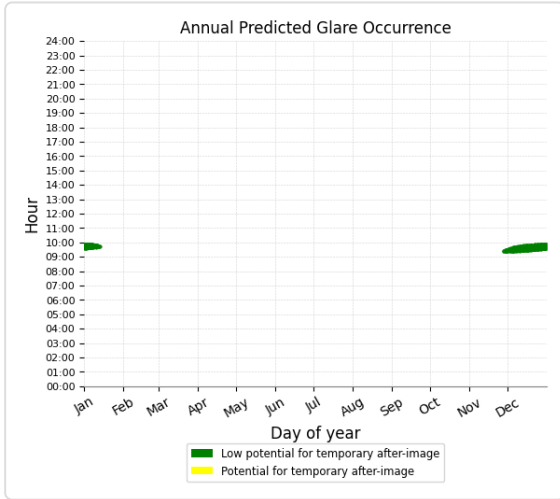
Green glare: 956 min.



PV array 3 and Route: Route 12

Yellow glare: none

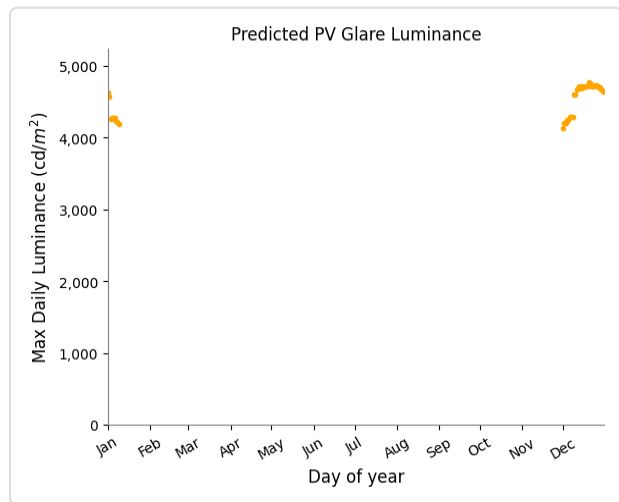
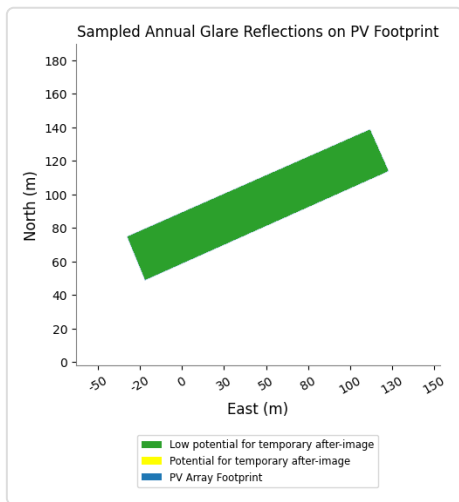
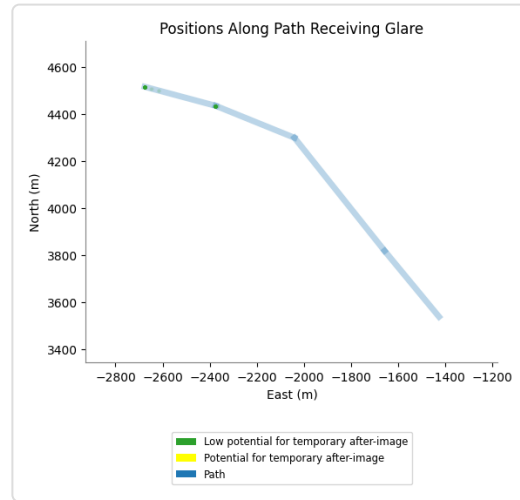
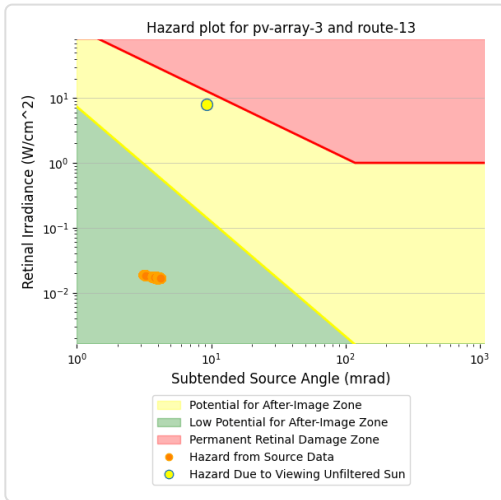
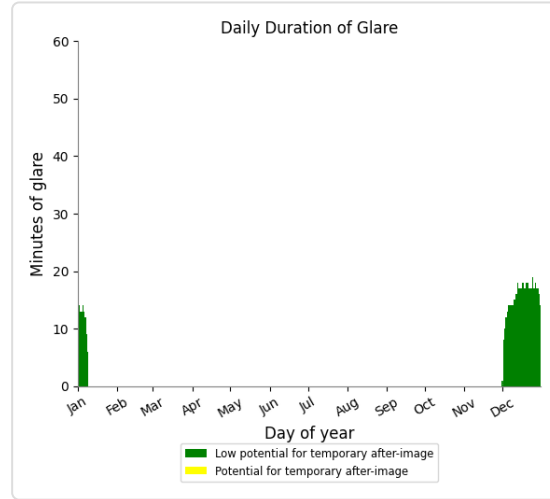
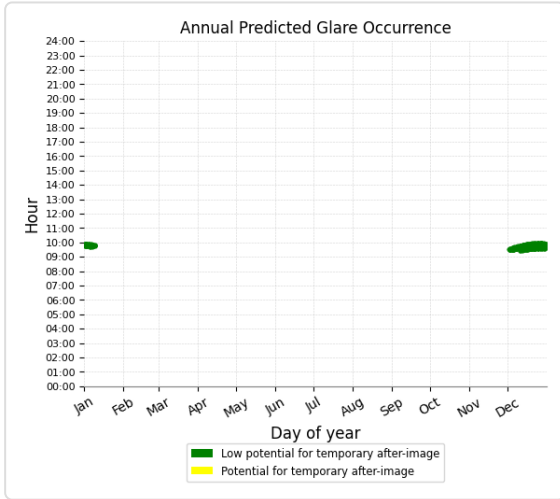
Green glare: 520 min.



PV array 3 and Route: Route 13

Yellow glare: none

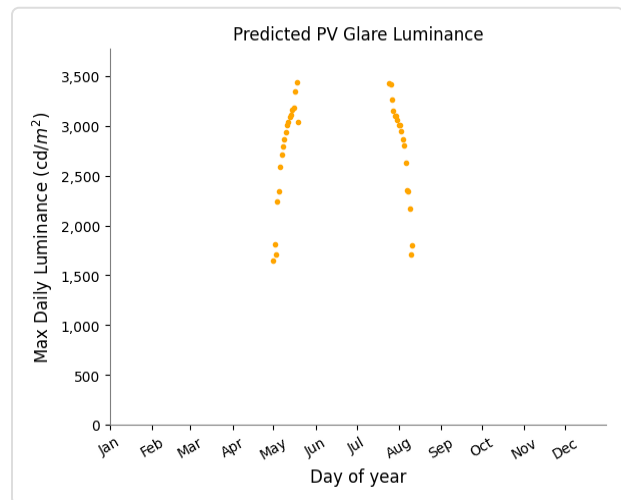
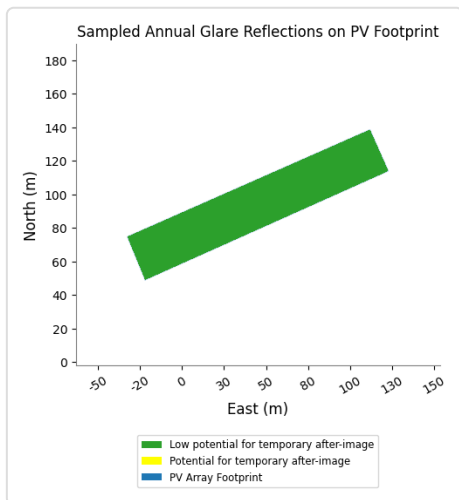
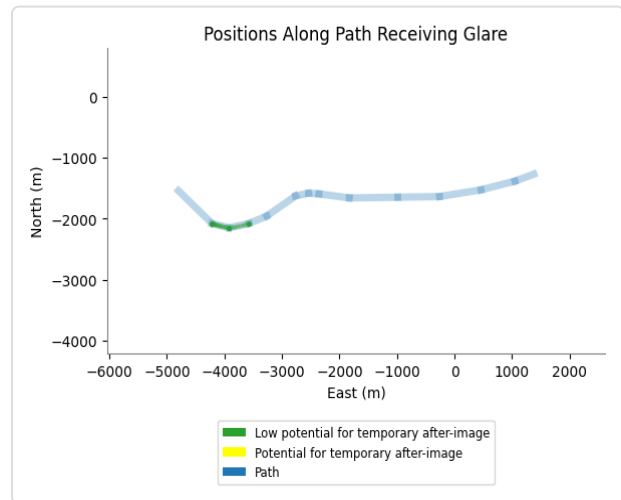
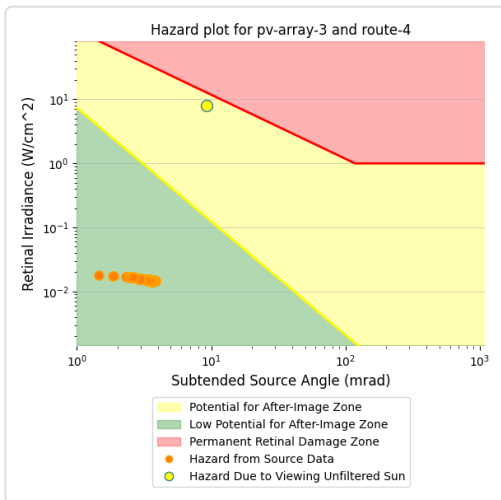
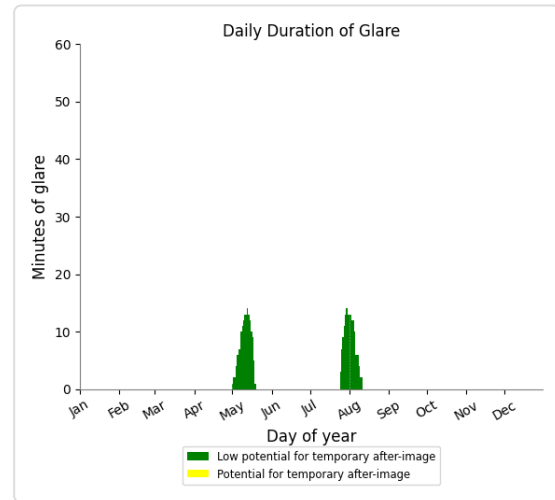
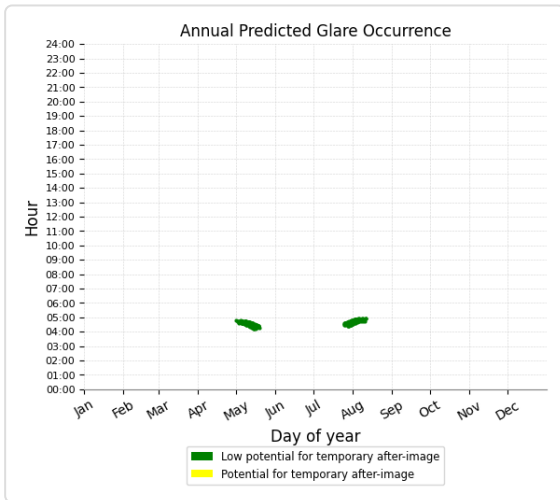
Green glare: 580 min.



PV array 3 and Route: Route 4

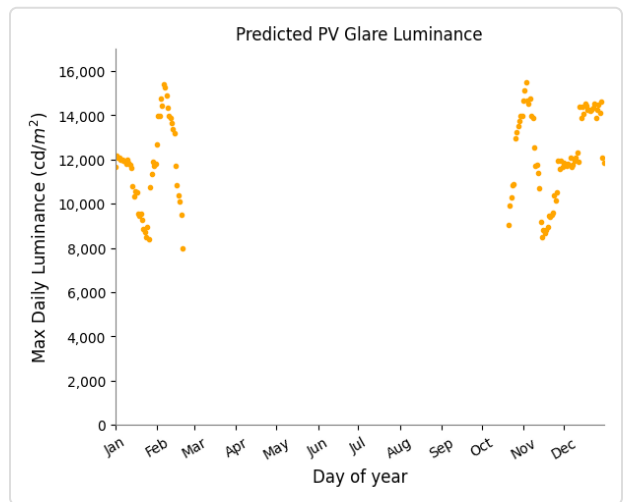
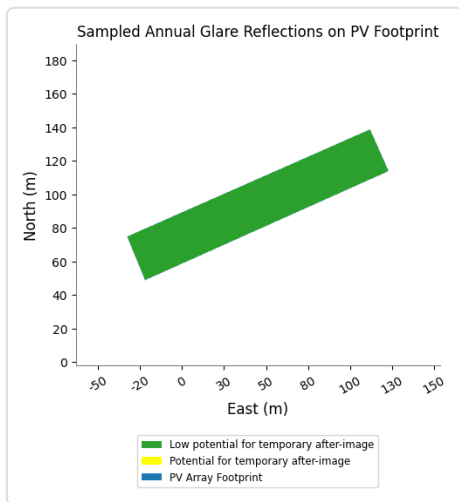
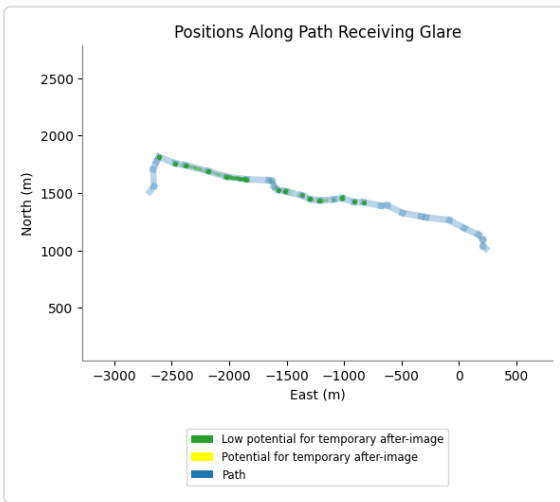
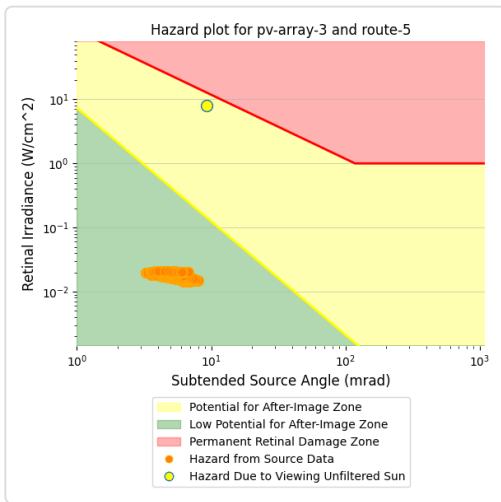
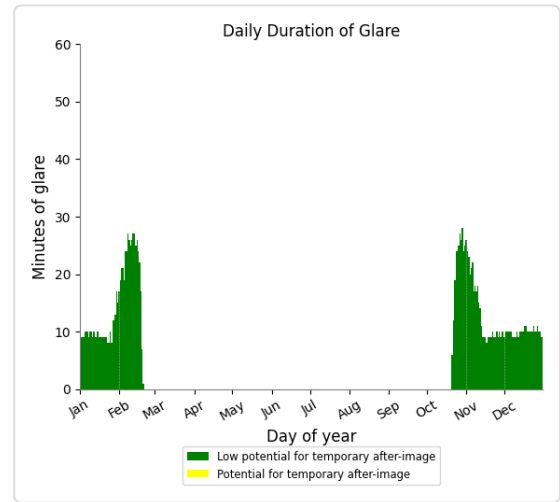
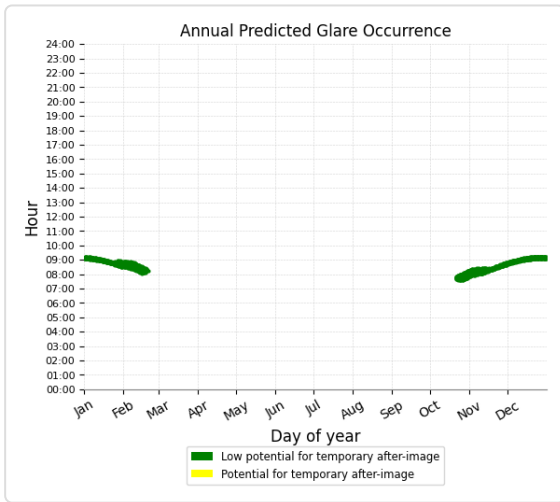
Yellow glare: none

Green glare: 308 min.



PV array 3 and Route: Route 5

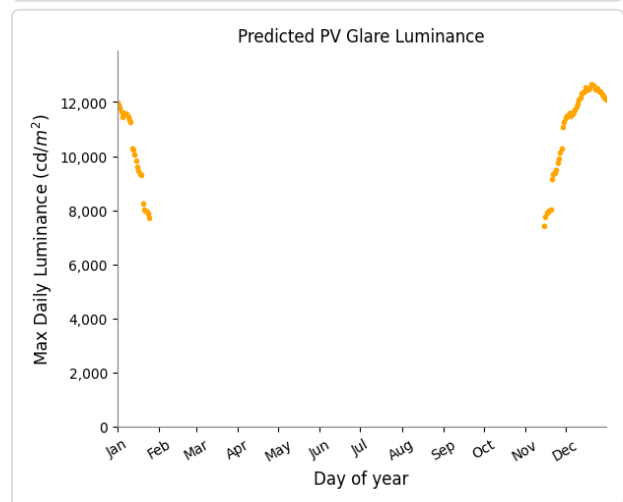
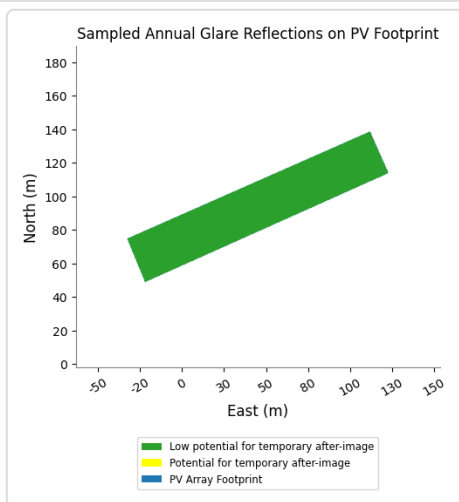
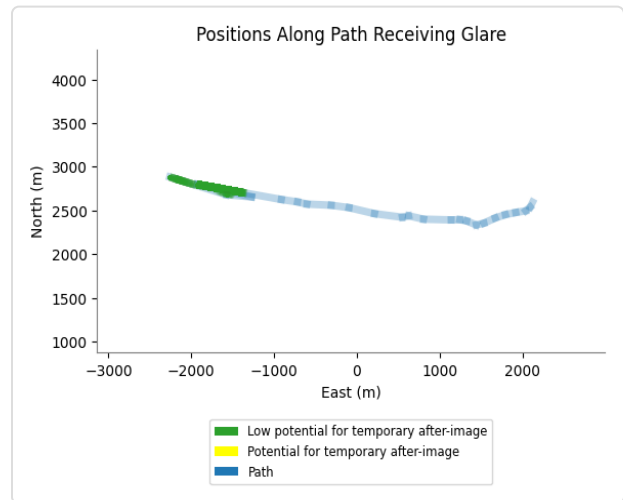
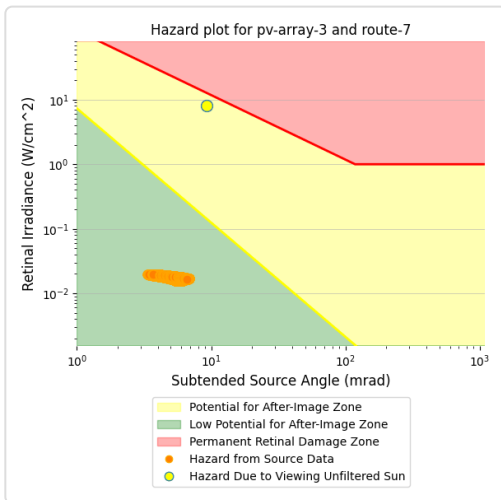
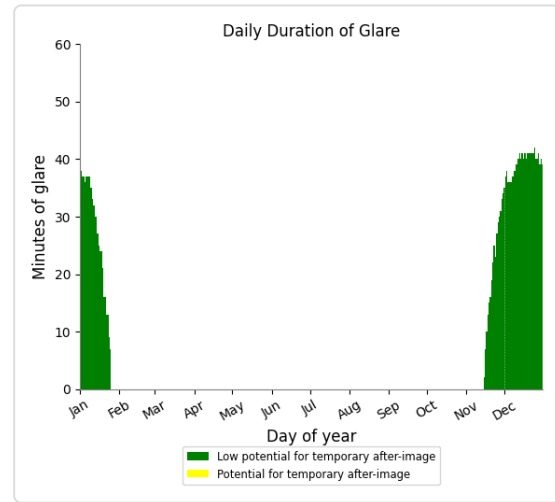
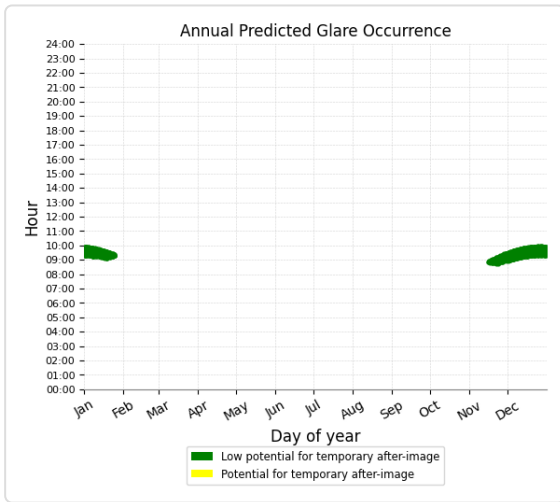
Yellow glare: none
 Green glare: 1,682 min.



PV array 3 and Route: Route 7

Yellow glare: none

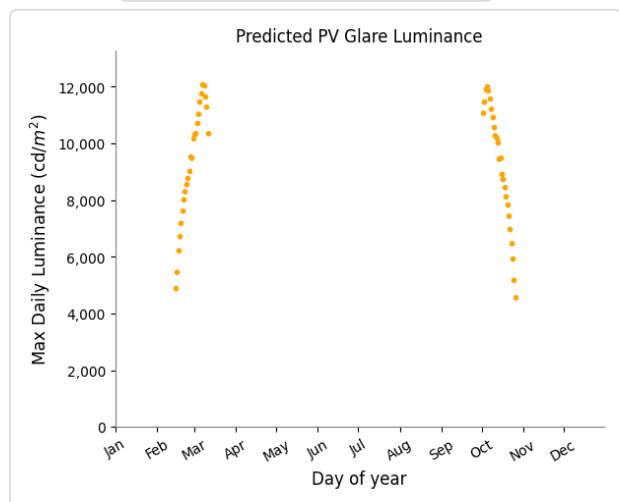
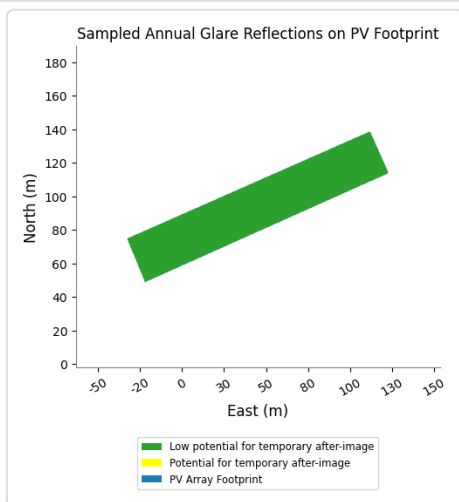
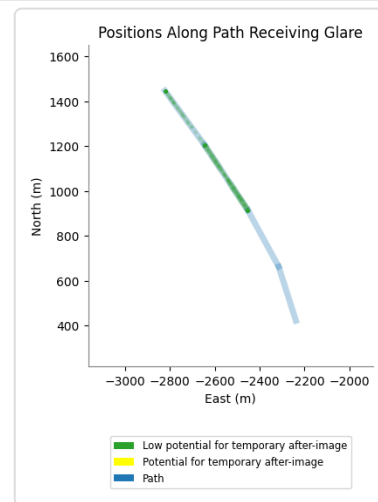
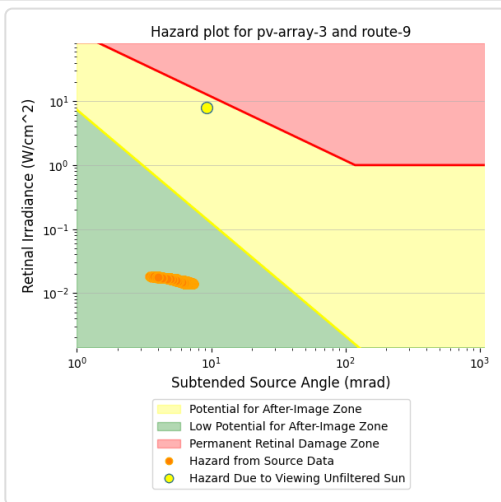
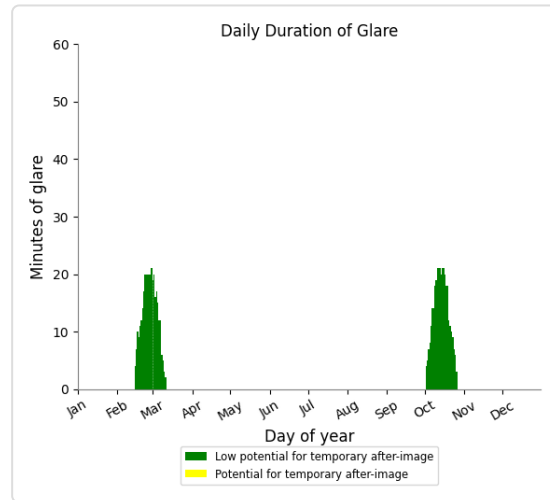
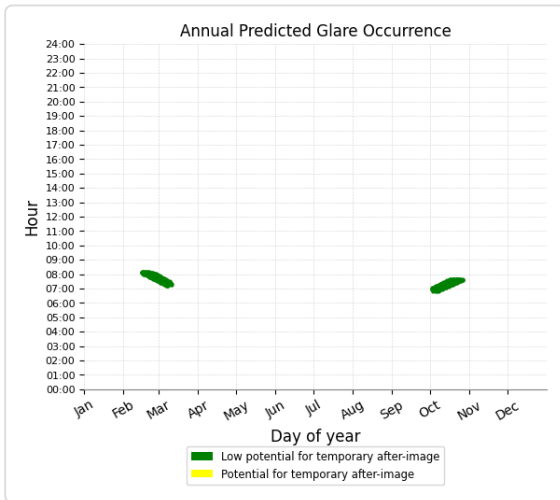
Green glare: 2,244 min.



PV array 3 and Route: Route 9

Yellow glare: none

Green glare: 671 min.



PV array 3 and Route: Footpath 1

No glare found

PV array 3 and Route: Footpath 3

No glare found

PV array 3 and Route: Footpath 4

No glare found

PV array 3 and Route: Route 1

No glare found

PV array 3 and Route: Route 10

No glare found

PV array 3 and Route: Route 11

No glare found

PV array 3 and Route: Route 14

No glare found

PV array 3 and Route: Route 15

No glare found

PV array 3 and Route: Route 16

No glare found

PV array 3 and Route: Route 2

No glare found

PV array 3 and Route: Route 3

No glare found

PV array 3 and Route: Route 6

No glare found

PV array 3 and Route: Route 8

No glare found

PV array 3 and FP: FP 1

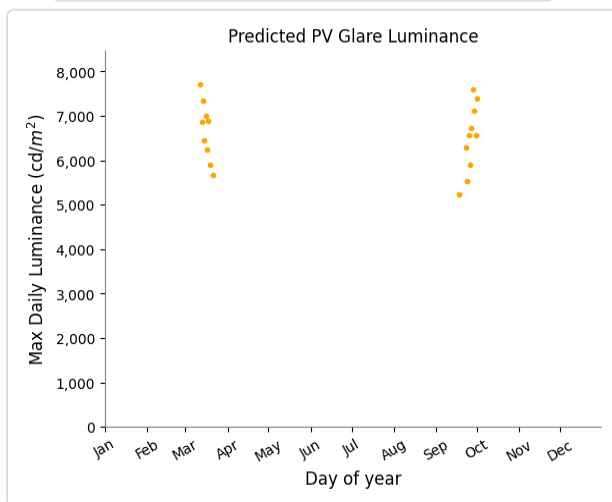
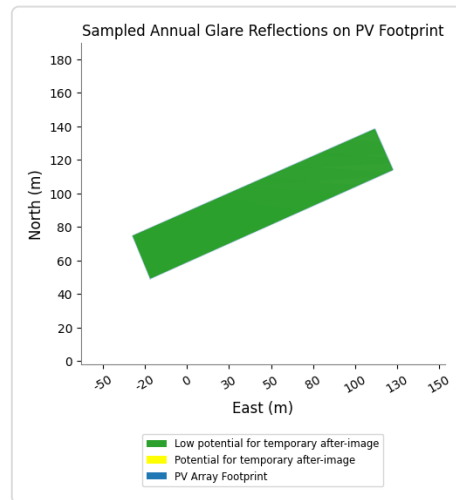
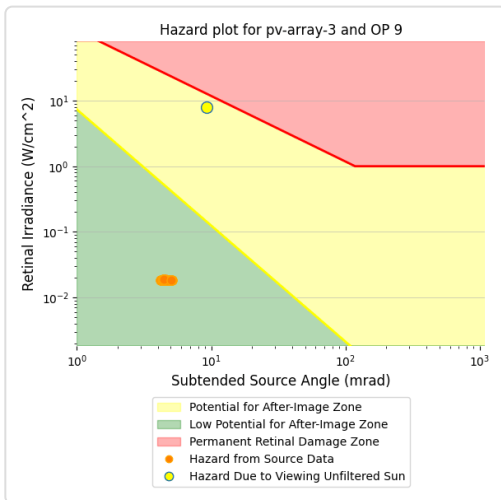
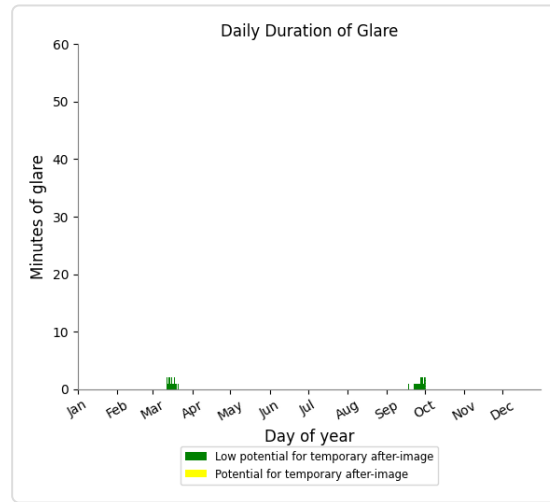
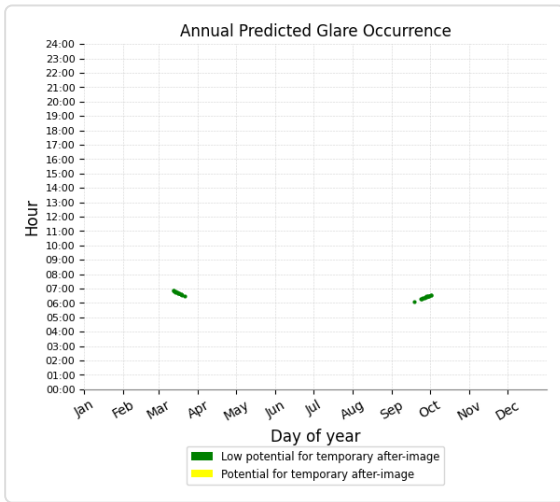
No glare found

PV array 3 and FP: FP 2

No glare found

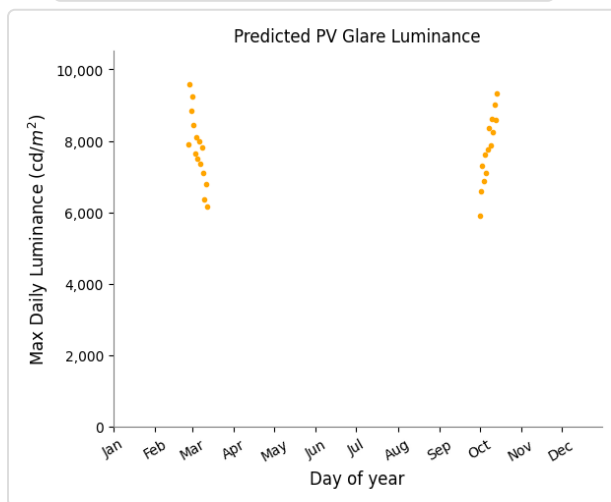
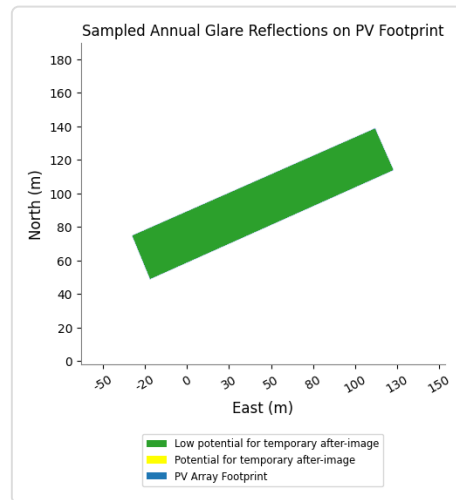
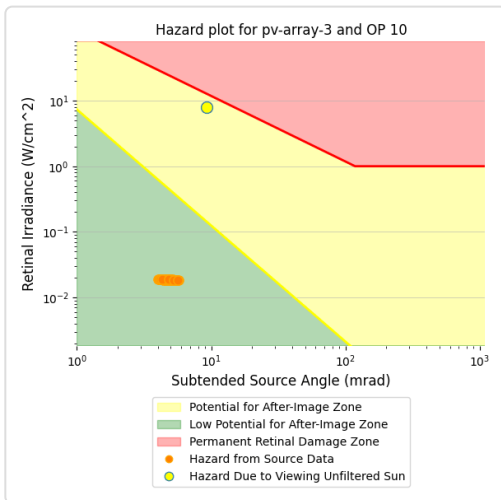
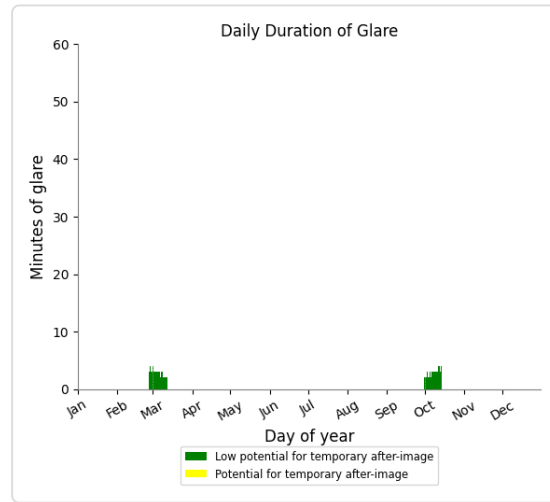
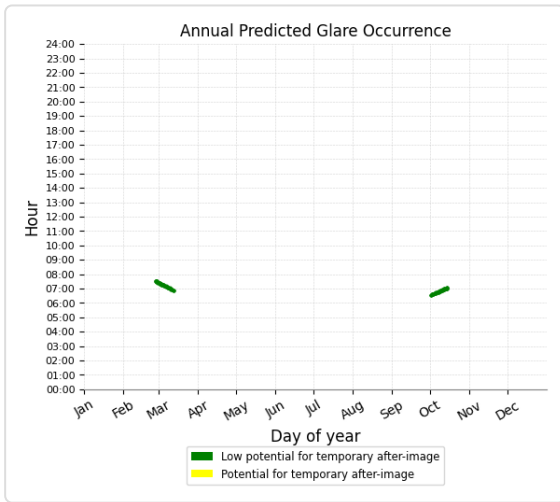
PV array 3 and OP 9

Yellow glare: none
 Green glare: 26 min.



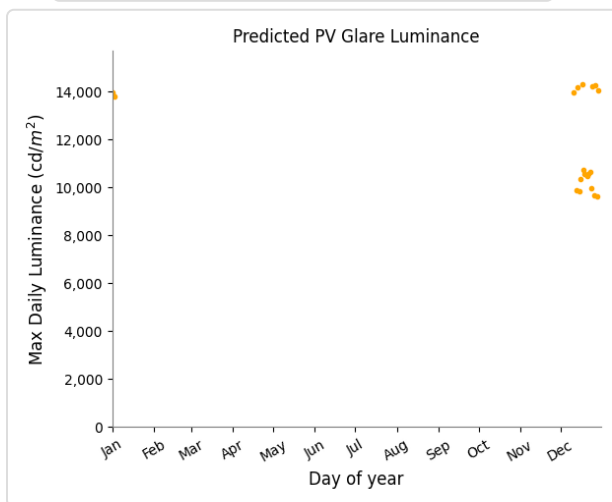
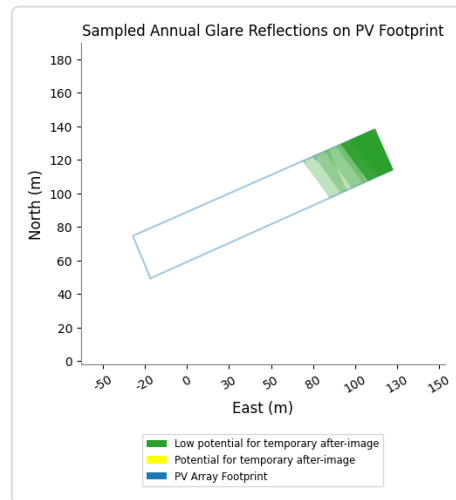
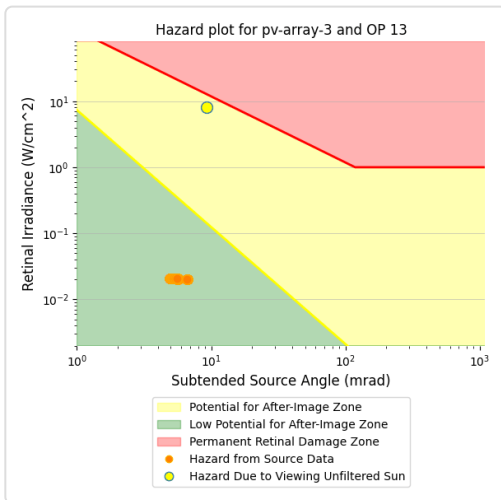
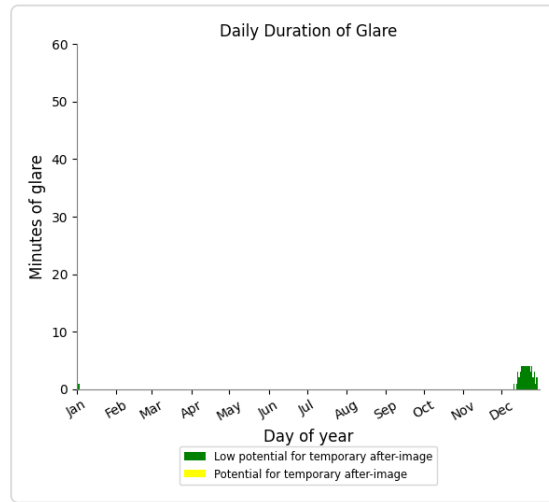
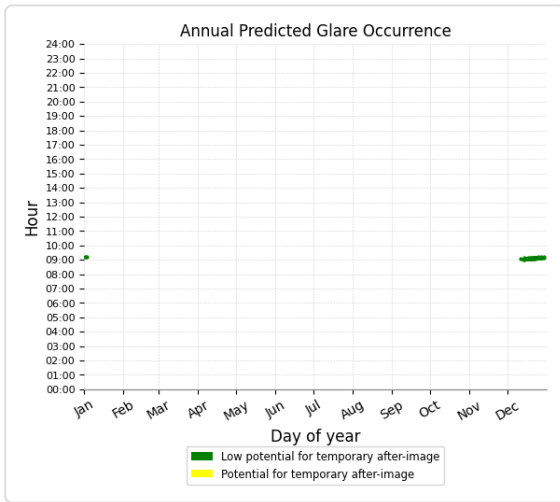
PV array 3 and OP 10

Yellow glare: none
 Green glare: 82 min.



PV array 3 and OP 13

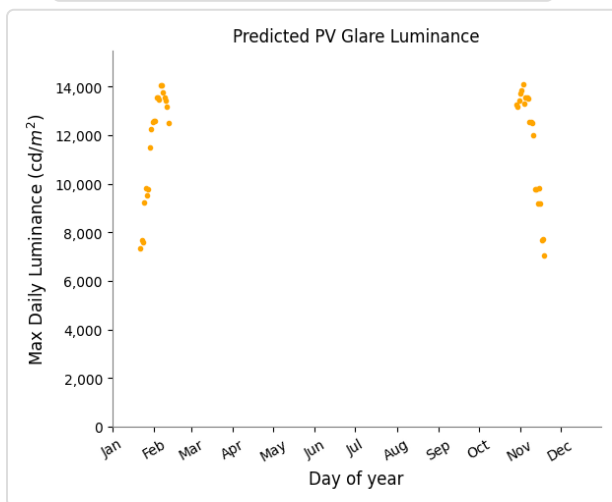
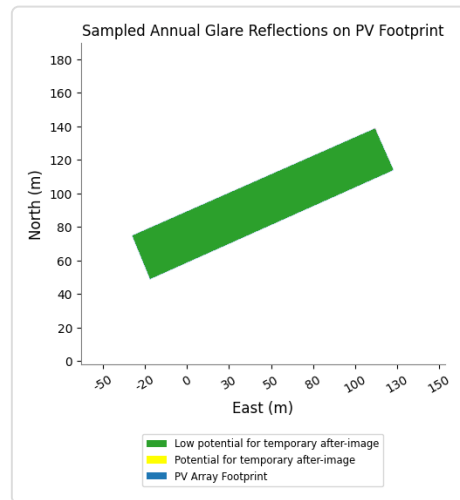
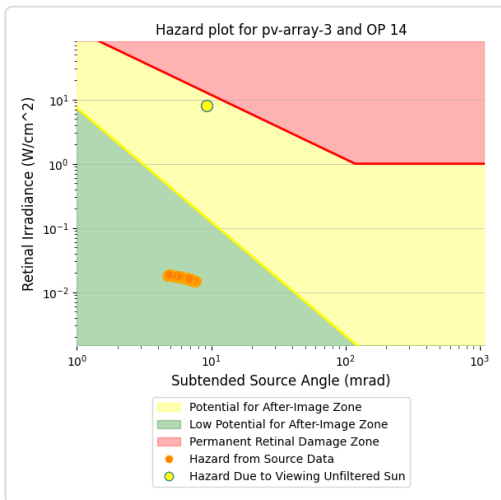
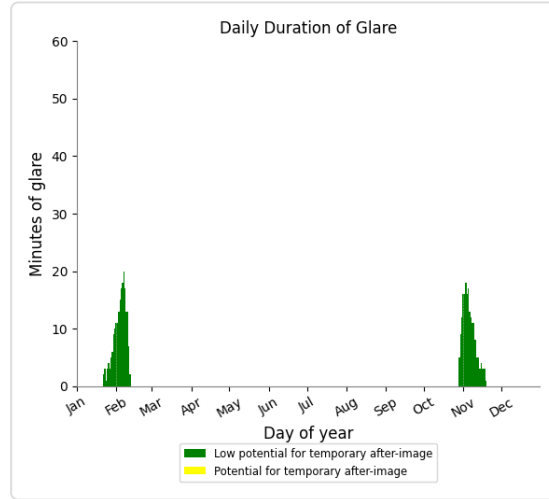
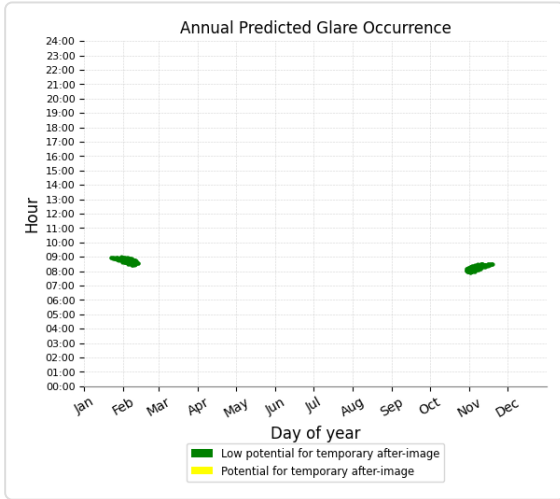
Yellow glare: none
 Green glare: 56 min.



PV array 3 and OP 14

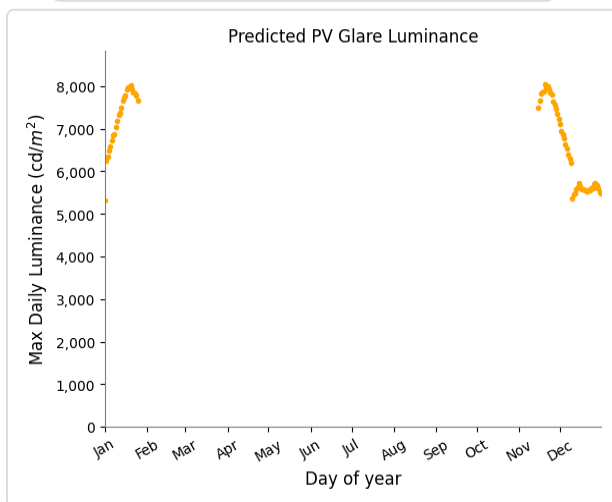
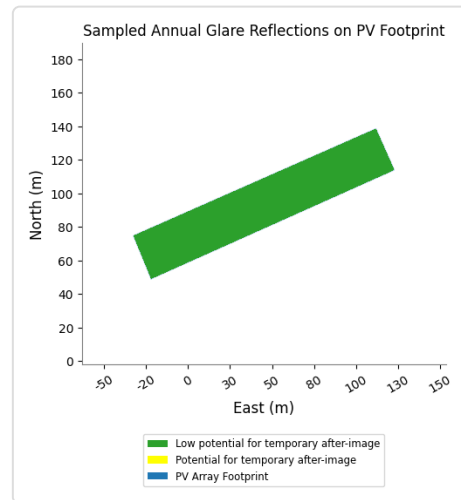
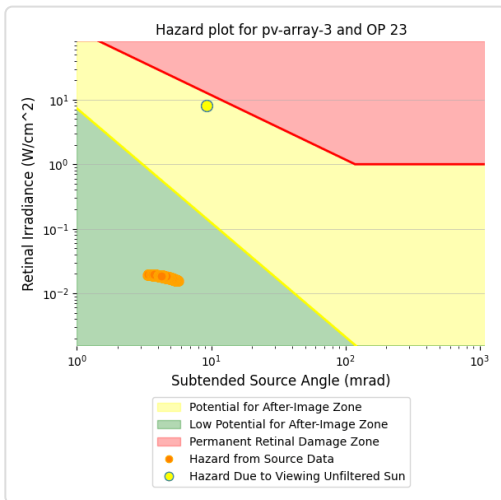
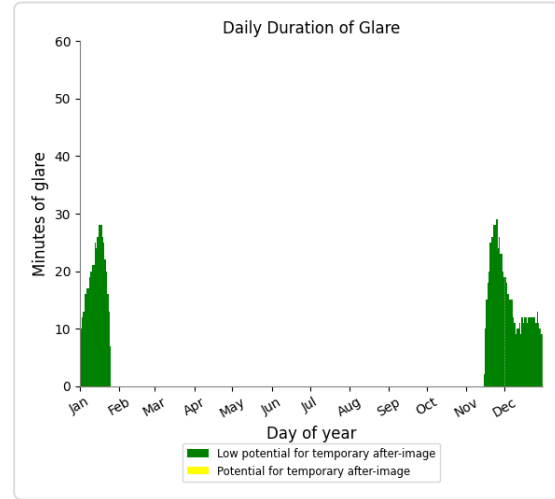
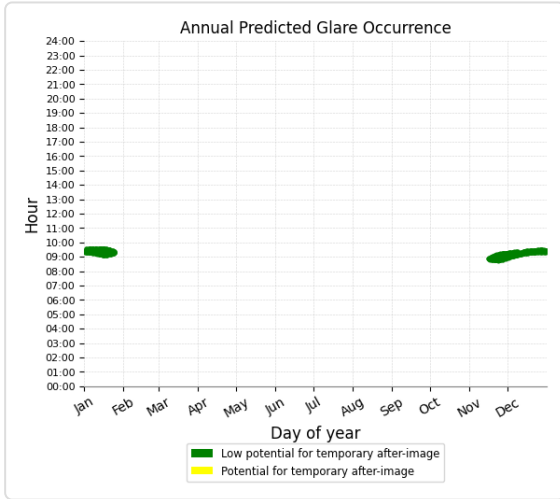
Yellow glare: none

Green glare: 402 min.



PV array 3 and OP 23

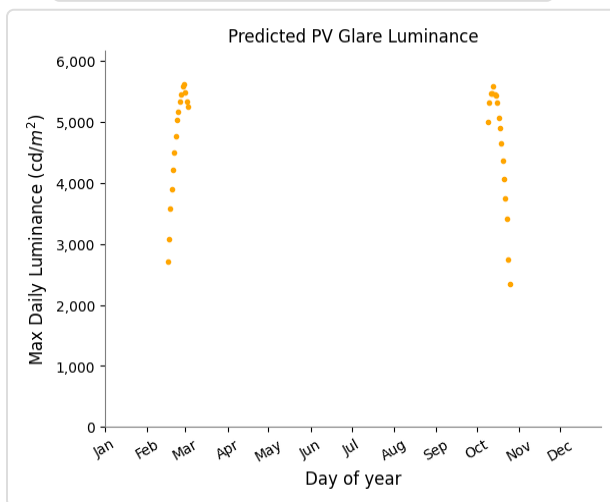
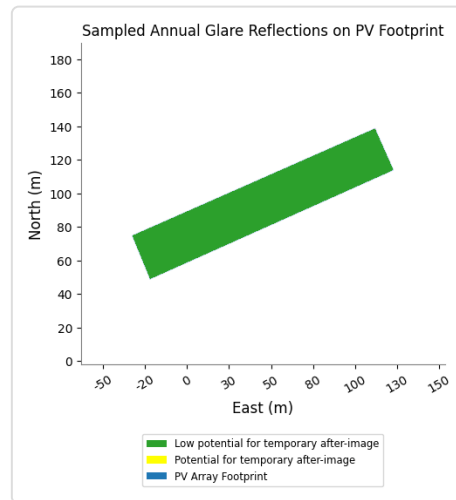
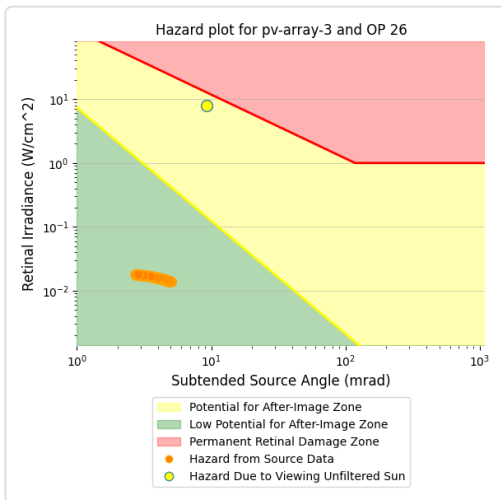
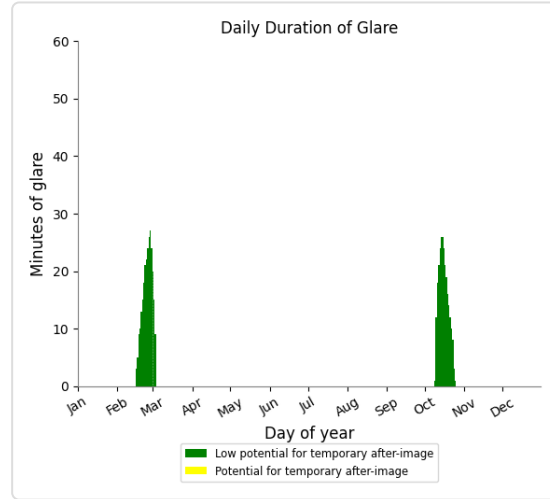
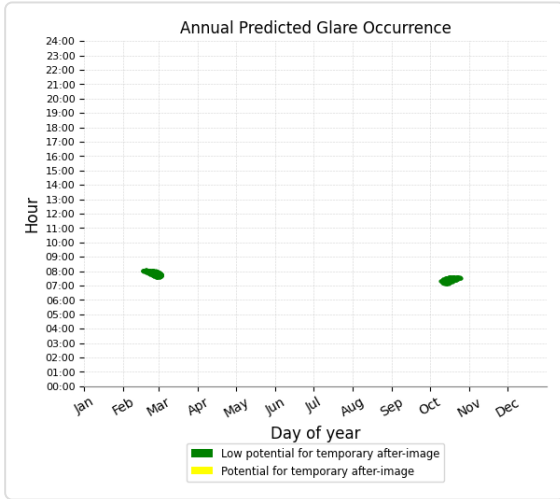
Yellow glare: none
 Green glare: 1,203 min.



PV array 3 and OP 26

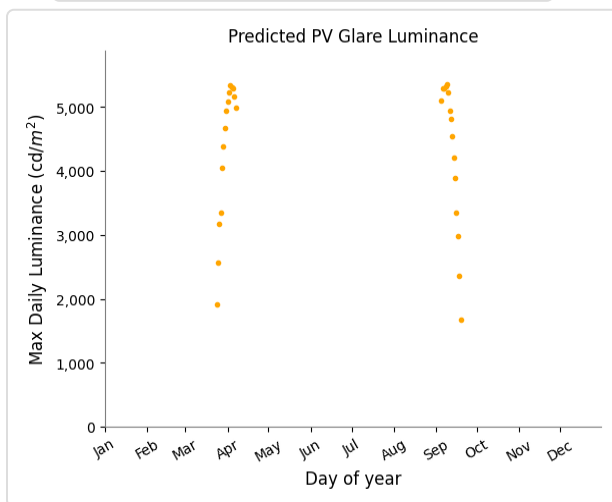
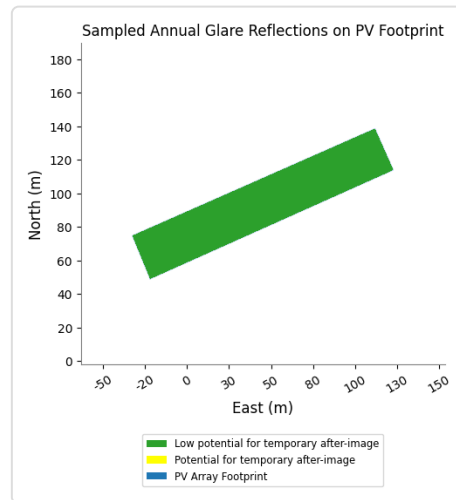
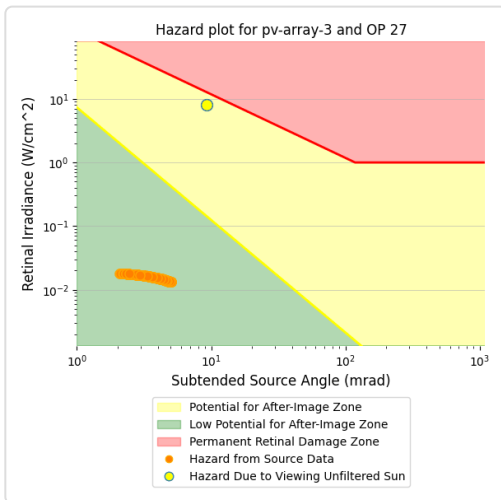
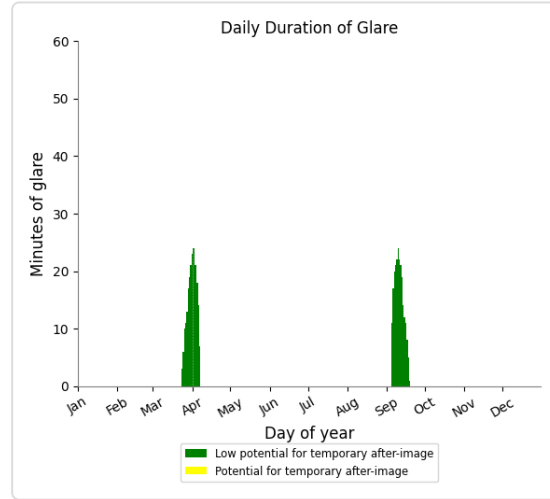
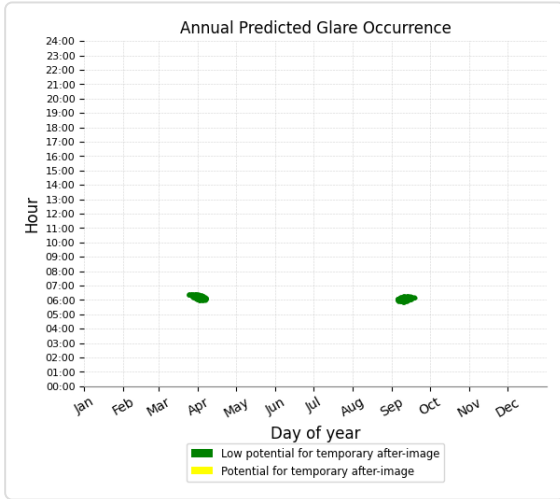
Yellow glare: none

Green glare: 517 min.



PV array 3 and OP 27

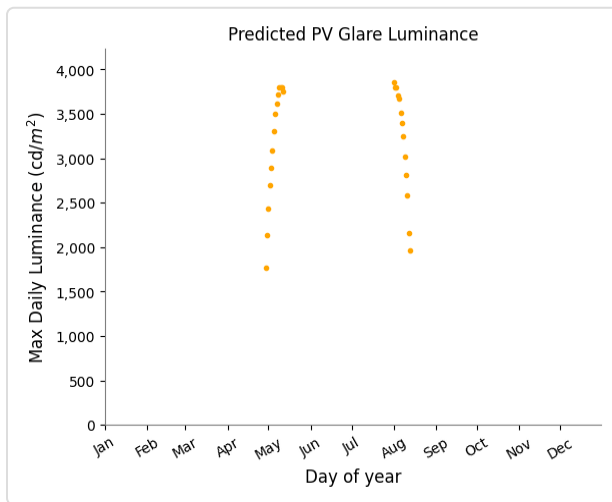
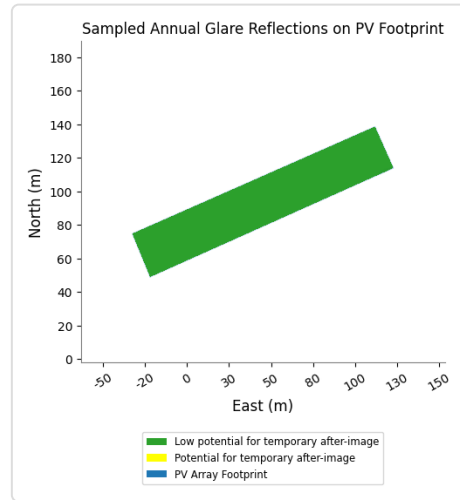
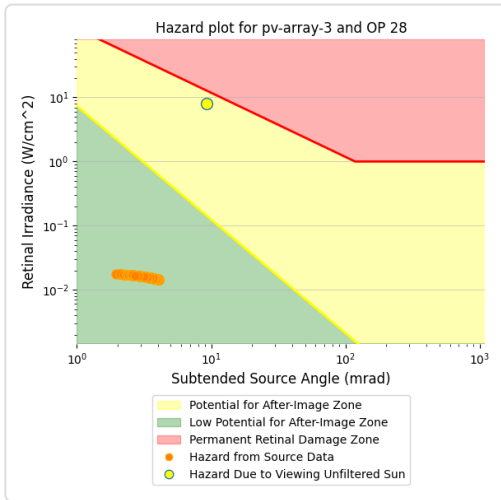
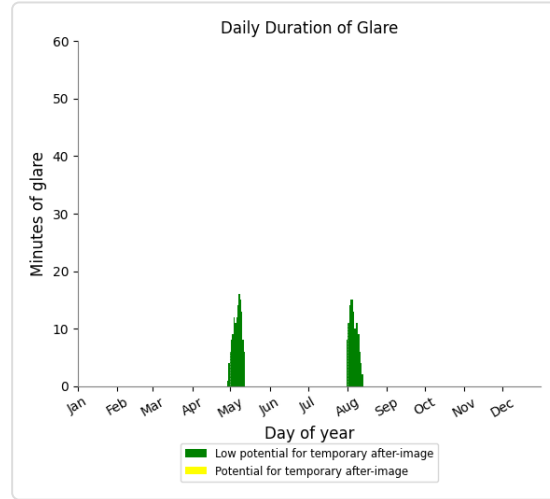
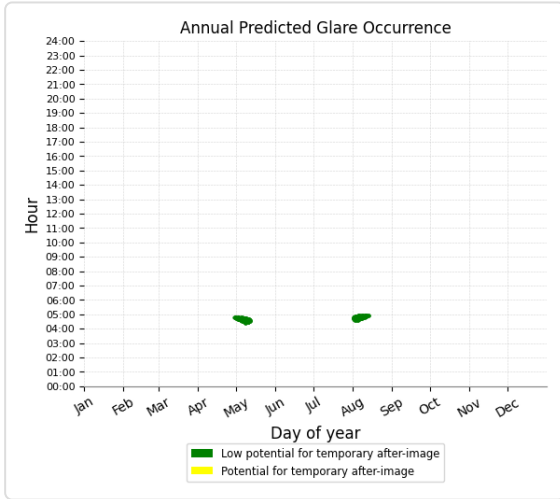
Yellow glare: none
 Green glare: 456 min.



PV array 3 and OP 28

Yellow glare: none

Green glare: 264 min.



PV array 3 and OP 1

No glare found

PV array 3 and OP 2

No glare found

PV array 3 and OP 3

No glare found

PV array 3 and OP 4

No glare found

PV array 3 and OP 5

No glare found

PV array 3 and OP 6

No glare found

PV array 3 and OP 7

No glare found

PV array 3 and OP 8

No glare found

PV array 3 and OP 11

No glare found

PV array 3 and OP 12

No glare found

PV array 3 and OP 15

No glare found

PV array 3 and OP 16

No glare found

PV array 3 and OP 17

No glare found

PV array 3 and OP 18

No glare found

PV array 3 and OP 19

No glare found

PV array 3 and OP 20

No glare found

PV array 3 and OP 21

No glare found

PV array 3 and OP 22

No glare found

PV array 3 and OP 24

No glare found

PV array 3 and OP 25

No glare found

PV array 3 and OP 29

No glare found

PV array 3 and OP 30

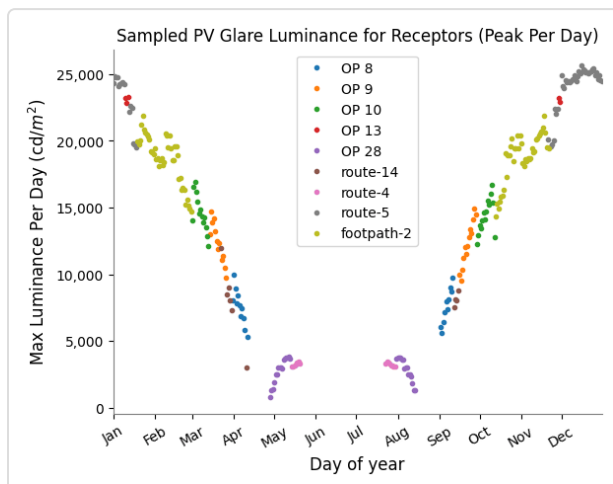
No glare found

PV: PV array 4 low potential for temporary after-image

Receptor results ordered by category of glare

Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
Footpath 2	2,105	35.1	0	0.0	21,911
Footpath 4	100	1.7	0	0.0	7,065
Route 1	132	2.2	0	0.0	13,978
Route 10	24	0.4	0	0.0	5,725
Route 14	133	2.2	0	0.0	11,992
Route 4	528	8.8	0	0.0	3,468
Route 5	2,325	38.8	0	0.0	25,623
Route 6	120	2.0	0	0.0	7,407
Route 7	1,290	21.5	0	0.0	7,441
Route 9	618	10.3	0	0.0	6,782
Footpath 1	0	0.0	0	0.0	0
Footpath 3	0	0.0	0	0.0	0
Route 11	0	0.0	0	0.0	0
Route 12	0	0.0	0	0.0	0
Route 13	0	0.0	0	0.0	0
Route 15	0	0.0	0	0.0	0
Route 16	0	0.0	0	0.0	0
Route 2	0	0.0	0	0.0	0
Route 3	0	0.0	0	0.0	0
Route 8	0	0.0	0	0.0	0
FP 1	0	0.0	0	0.0	0
FP 2	0	0.0	0	0.0	0
OP 8	40	0.7	0	0.0	9,970
OP 9	156	2.6	0	0.0	14,961
OP 10	253	4.2	0	0.0	16,919
OP 13	704	11.7	0	0.0	24,525
OP 14	624	10.4	0	0.0	9,380
OP 15	199	3.3	0	0.0	7,261
OP 23	1,203	20.1	0	0.0	5,478
OP 26	251	4.2	0	0.0	3,188
OP 27	322	5.4	0	0.0	5,462
OP 28	121	2.0	0	0.0	3,801
OP 1	0	0.0	0	0.0	0
OP 2	0	0.0	0	0.0	0
OP 3	0	0.0	0	0.0	0
OP 4	0	0.0	0	0.0	0
OP 5	0	0.0	0	0.0	0
OP 6	0	0.0	0	0.0	0

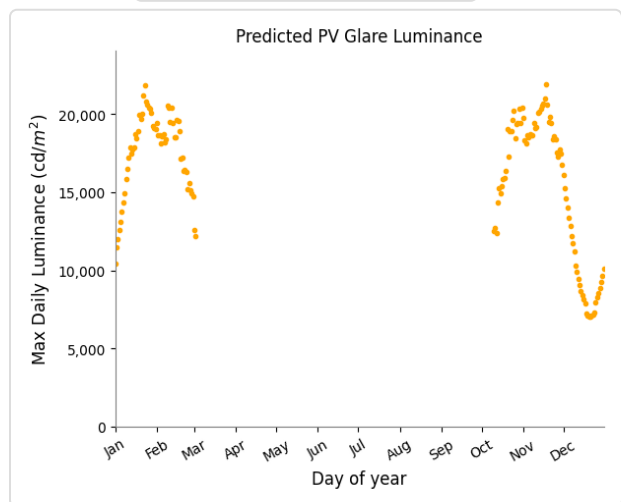
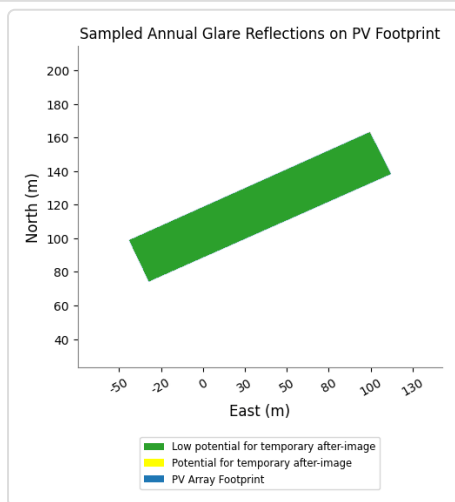
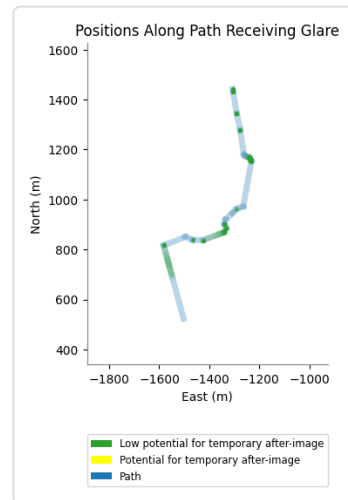
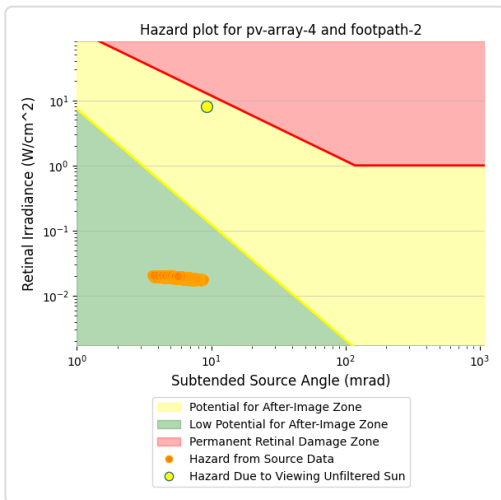
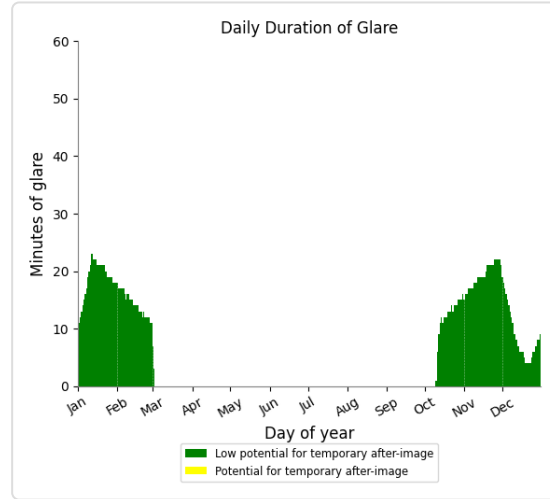
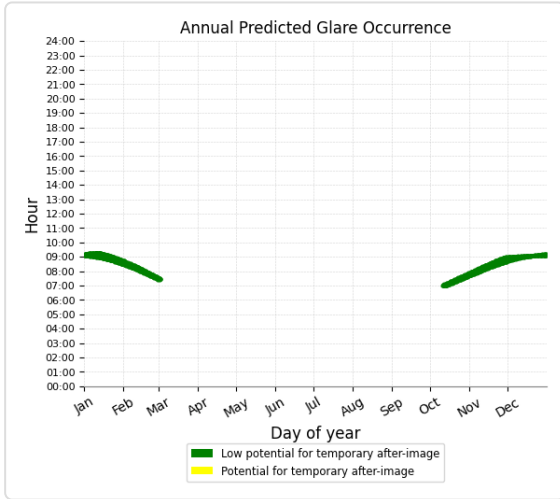
Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
OP 7	0	0.0	0	0.0	0
OP 11	0	0.0	0	0.0	0
OP 12	0	0.0	0	0.0	0
OP 16	0	0.0	0	0.0	0
OP 17	0	0.0	0	0.0	0
OP 18	0	0.0	0	0.0	0
OP 19	0	0.0	0	0.0	0
OP 20	0	0.0	0	0.0	0
OP 21	0	0.0	0	0.0	0
OP 22	0	0.0	0	0.0	0
OP 24	0	0.0	0	0.0	0
OP 25	0	0.0	0	0.0	0
OP 29	0	0.0	0	0.0	0
OP 30	0	0.0	0	0.0	0



PV array 4 and Route: Footpath 2

Yellow glare: none

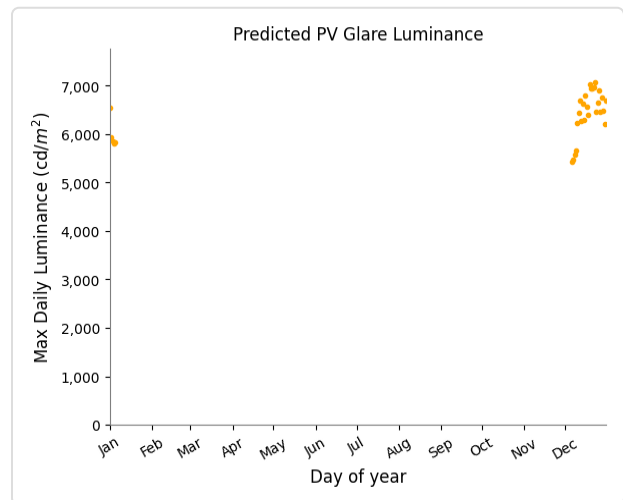
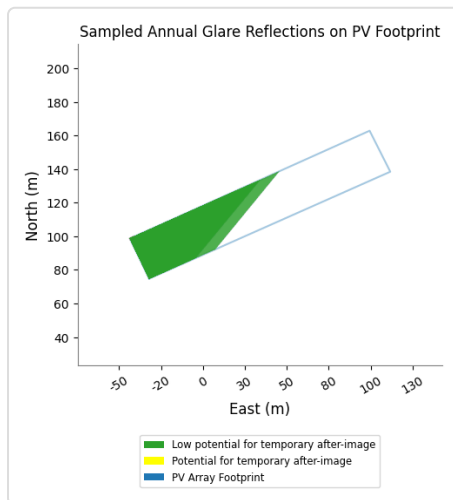
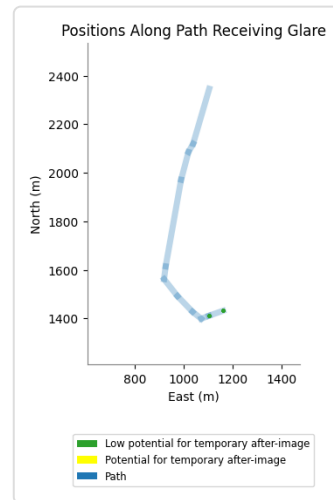
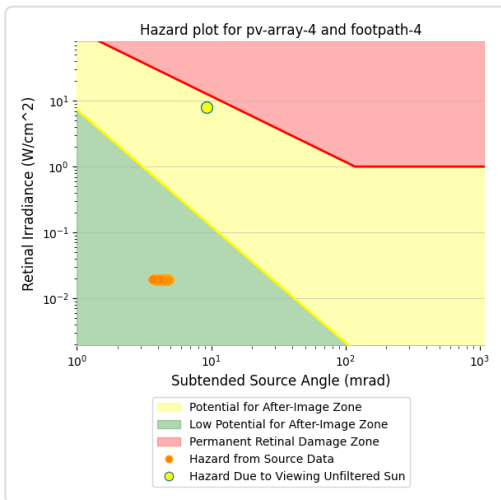
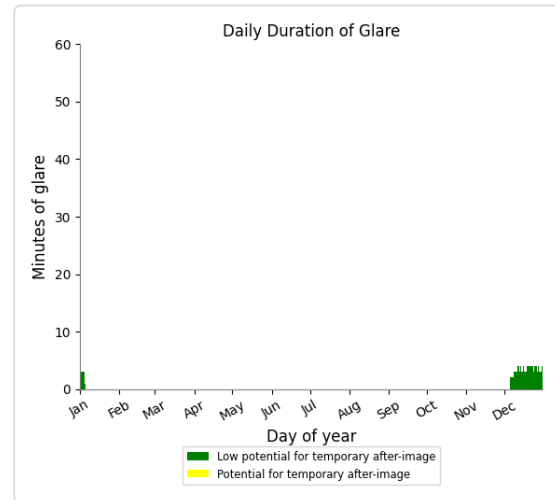
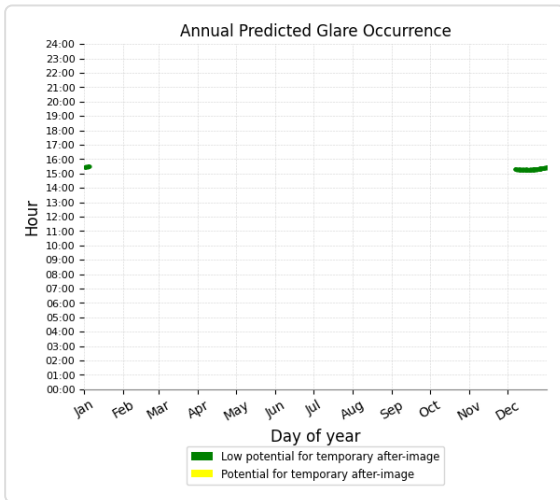
Green glare: 2,105 min.



PV array 4 and Route: Footpath 4

Yellow glare: none

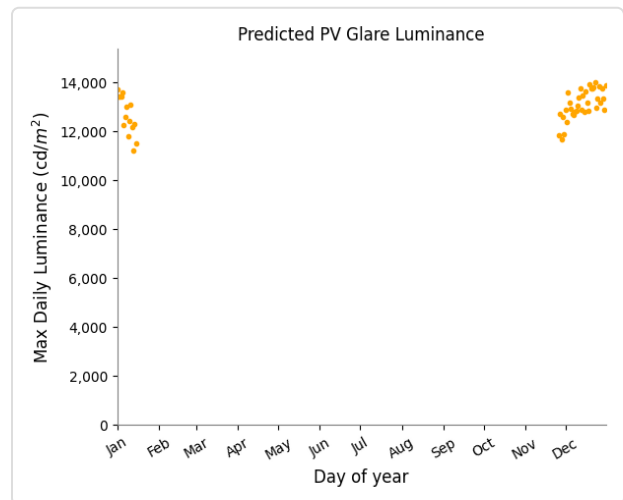
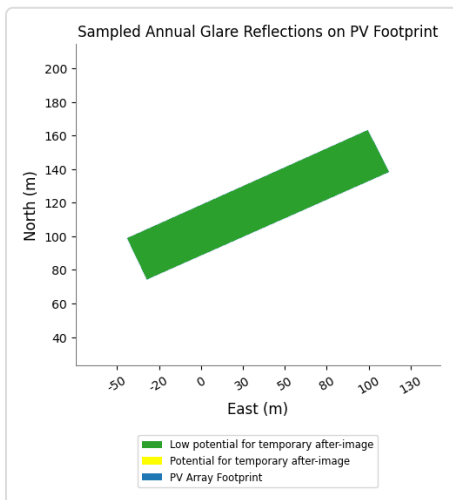
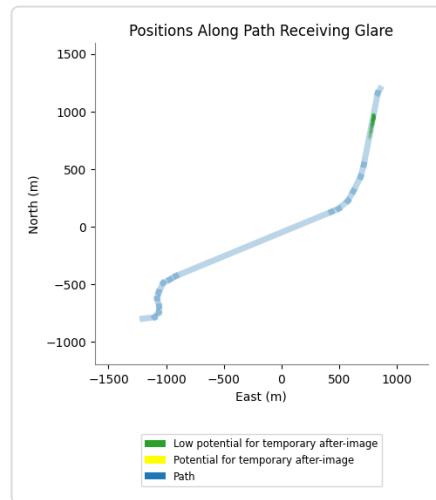
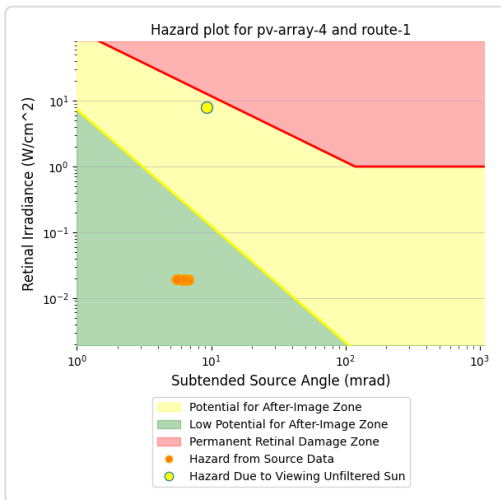
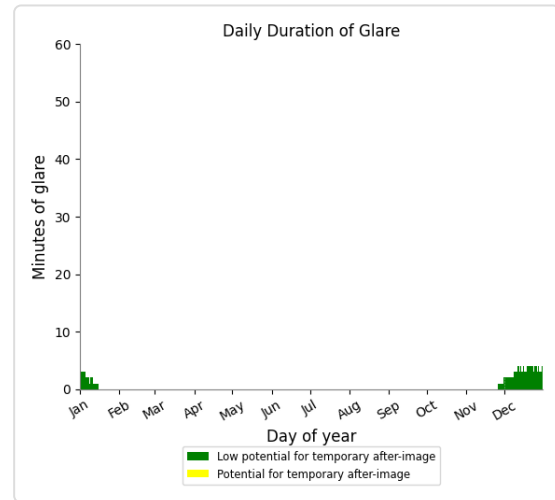
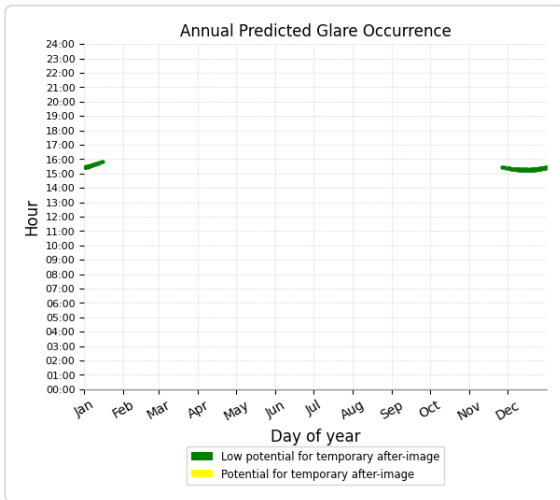
Green glare: 100 min.



PV array 4 and Route: Route 1

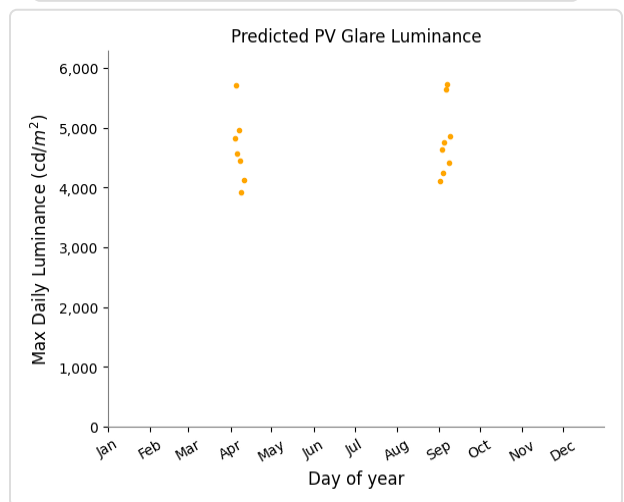
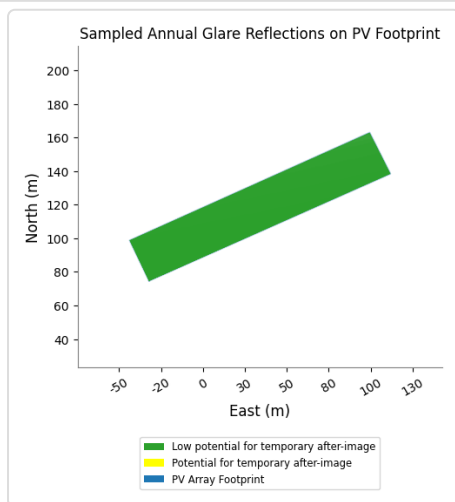
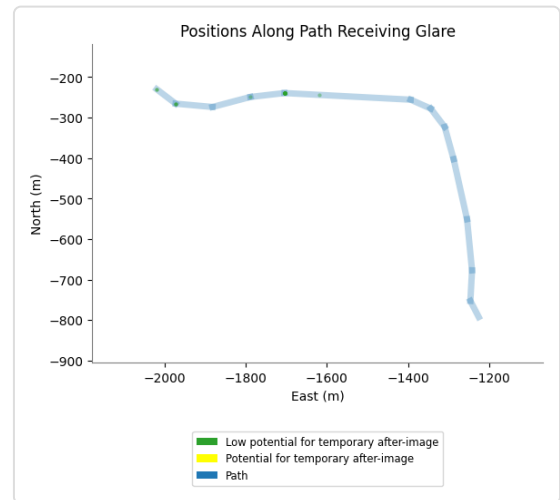
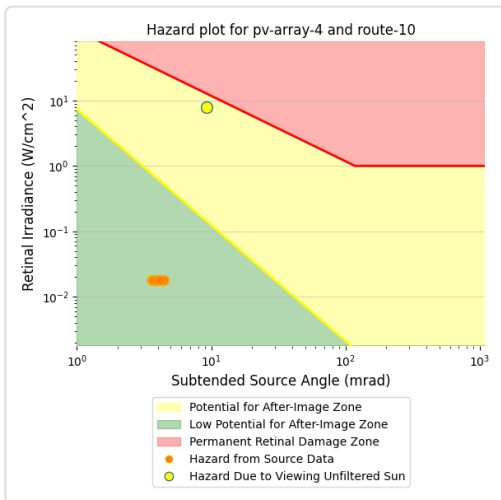
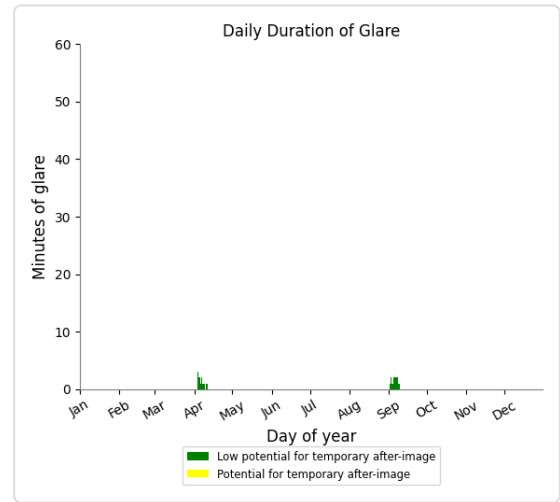
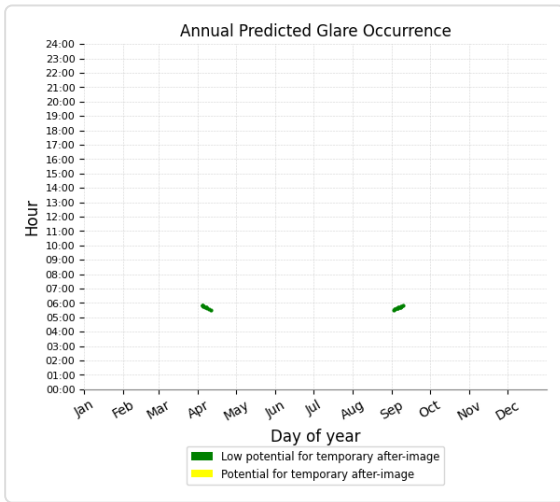
Yellow glare: none

Green glare: 132 min.



PV array 4 and Route: Route 10

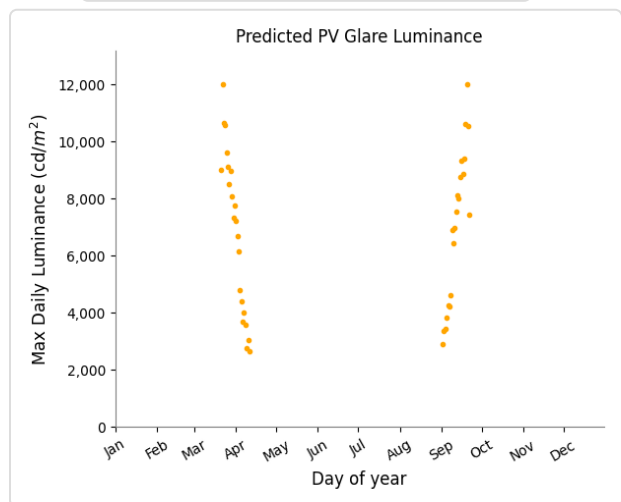
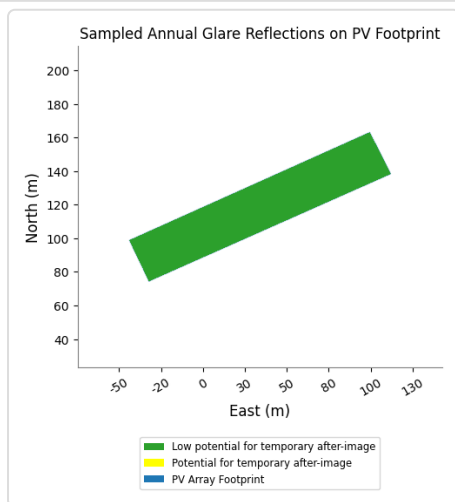
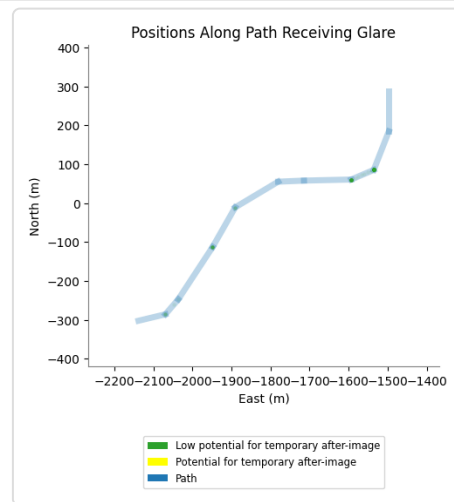
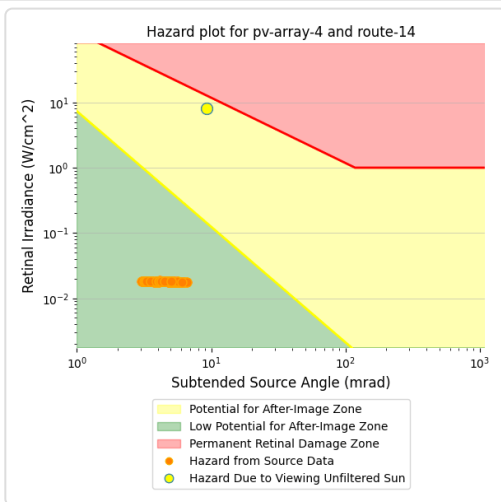
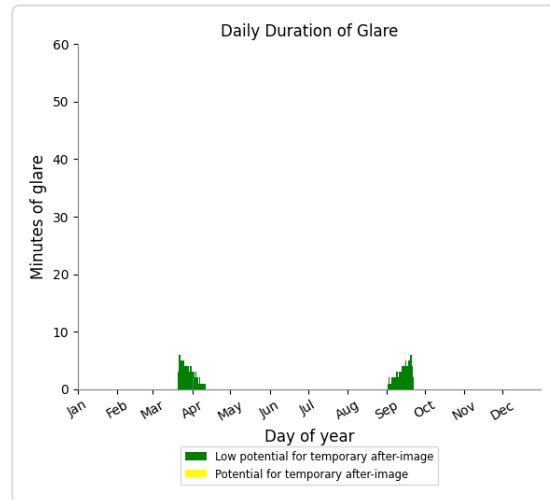
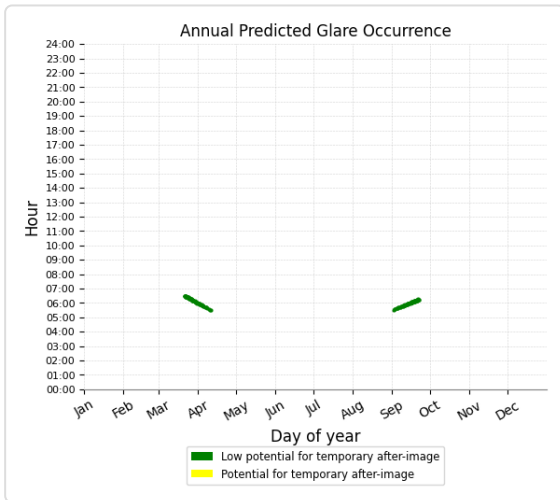
Yellow glare: none
 Green glare: 24 min.



PV array 4 and Route: Route 14

Yellow glare: none

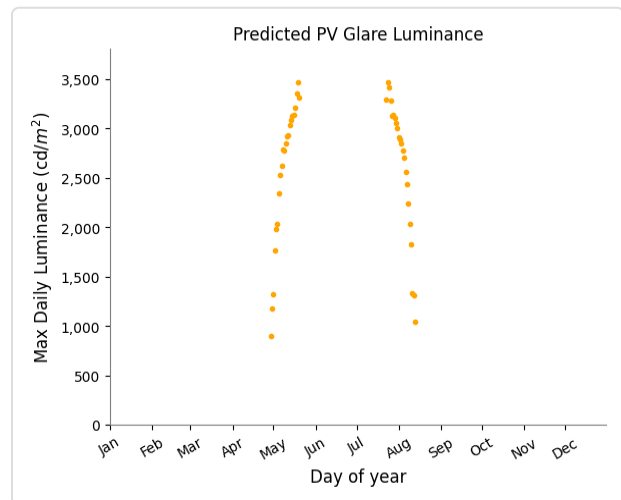
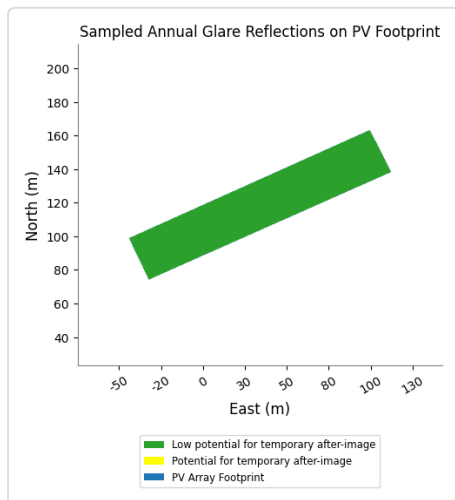
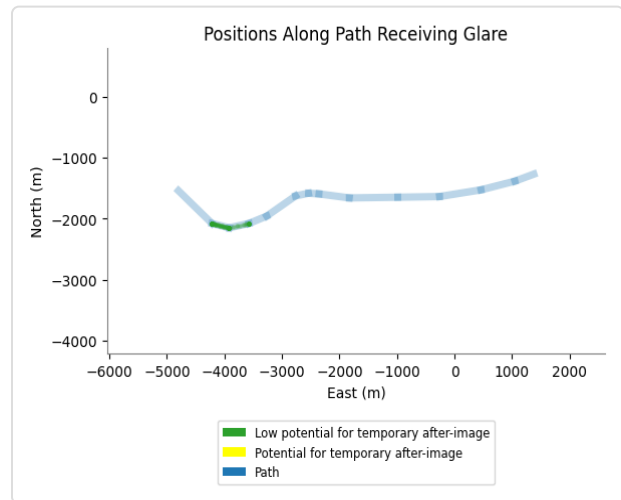
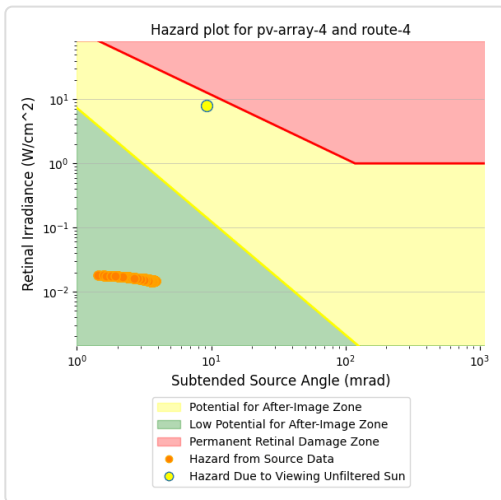
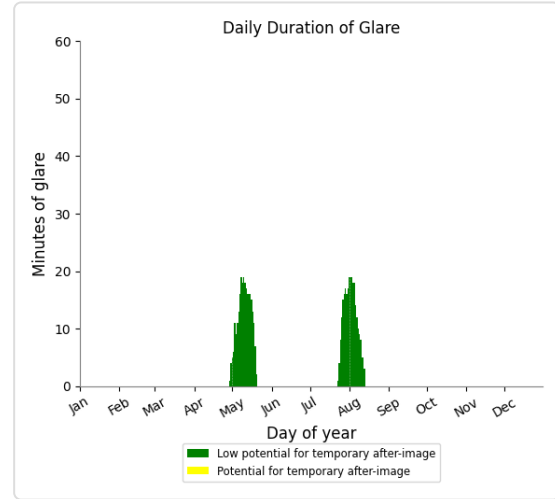
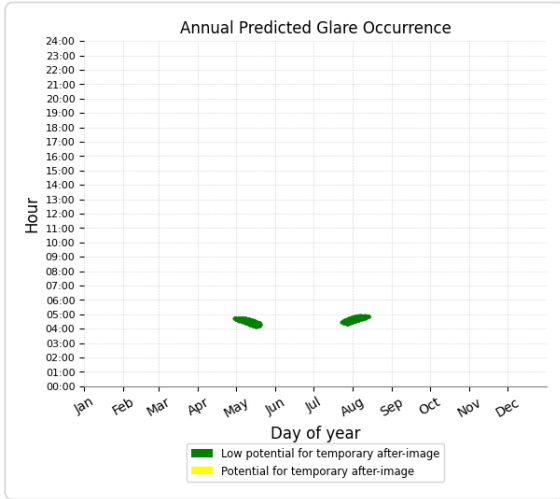
Green glare: 133 min.



PV array 4 and Route: Route 4

Yellow glare: none

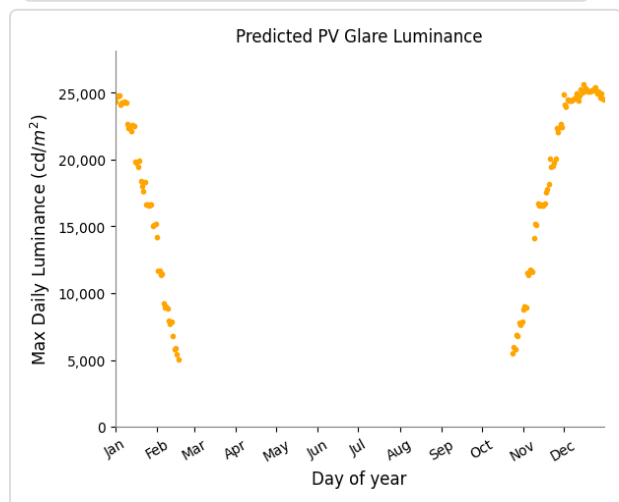
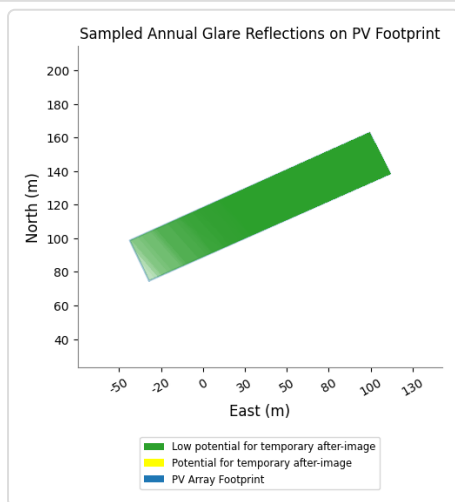
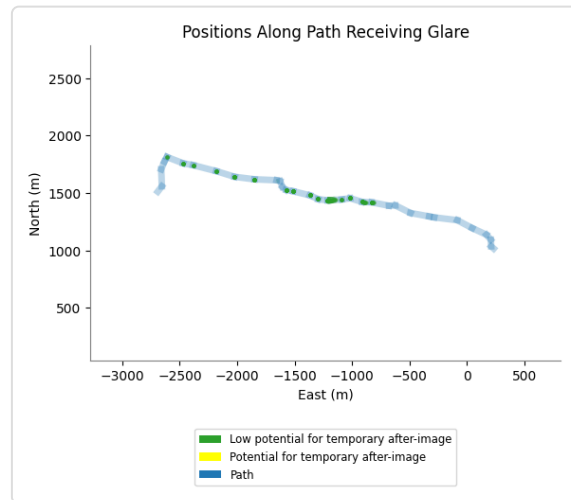
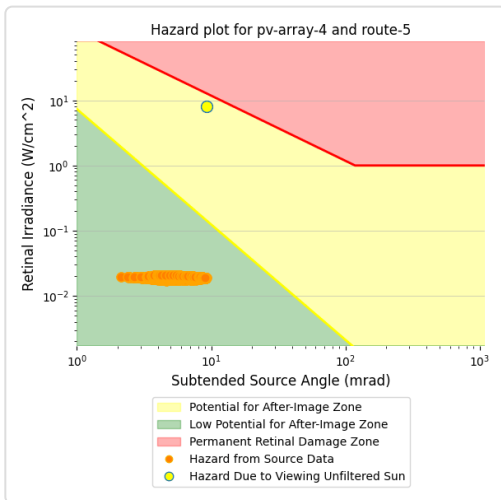
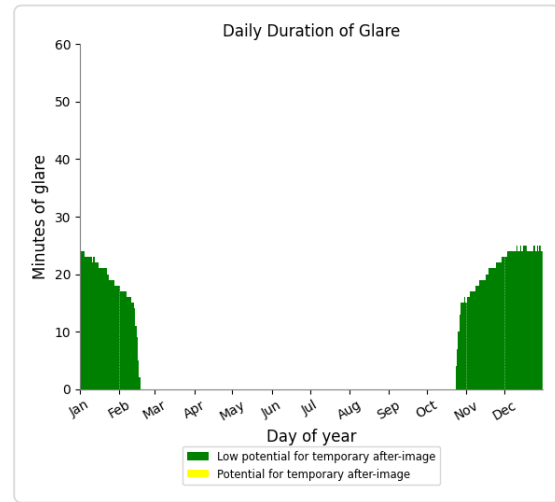
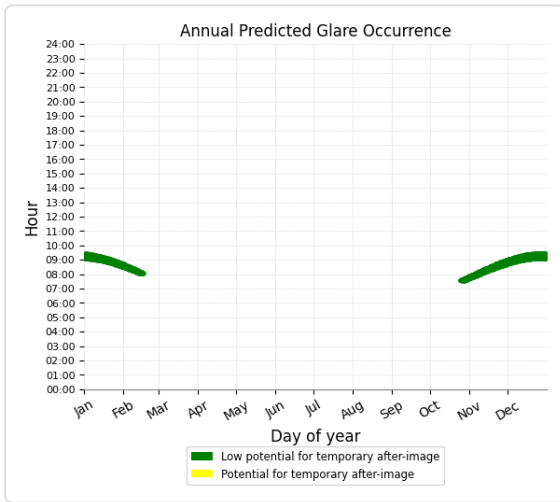
Green glare: 528 min.



PV array 4 and Route: Route 5

Yellow glare: none

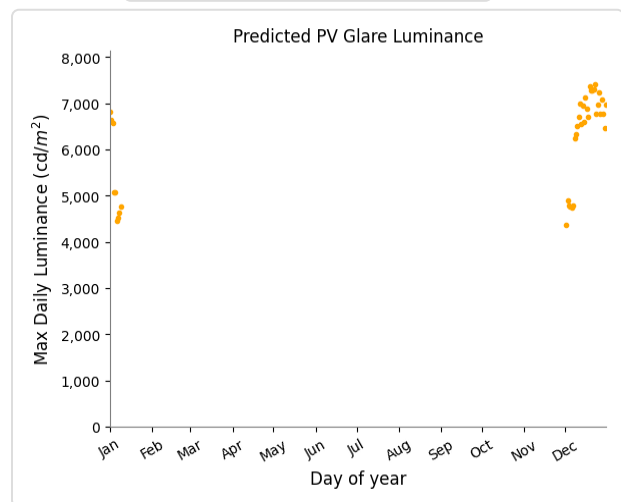
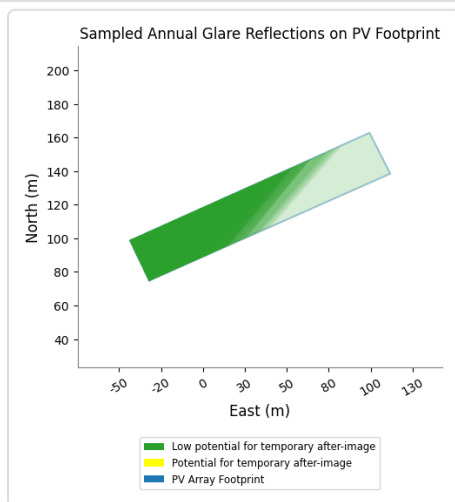
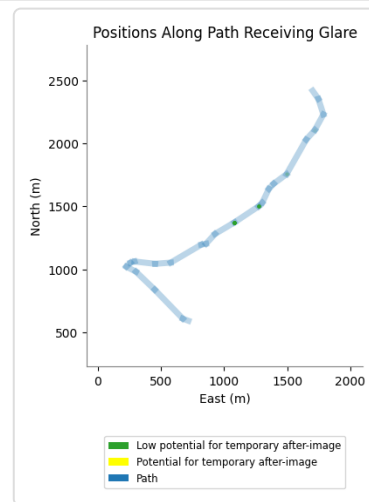
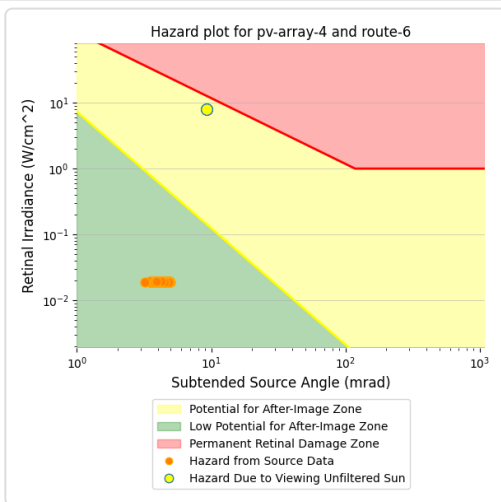
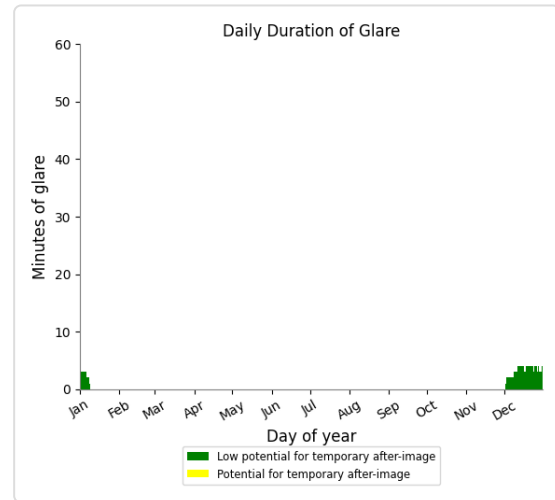
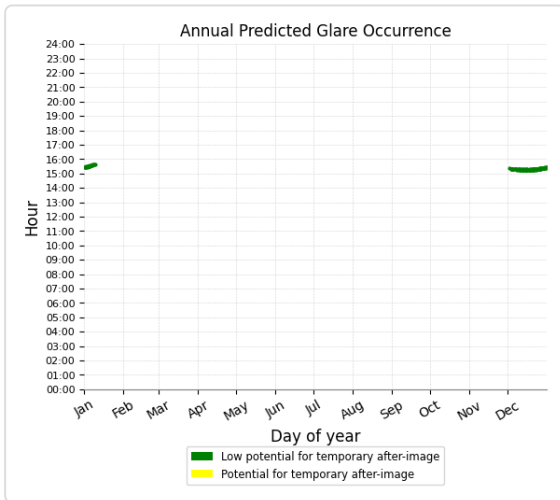
Green glare: 2,325 min.



PV array 4 and Route: Route 6

Yellow glare: none

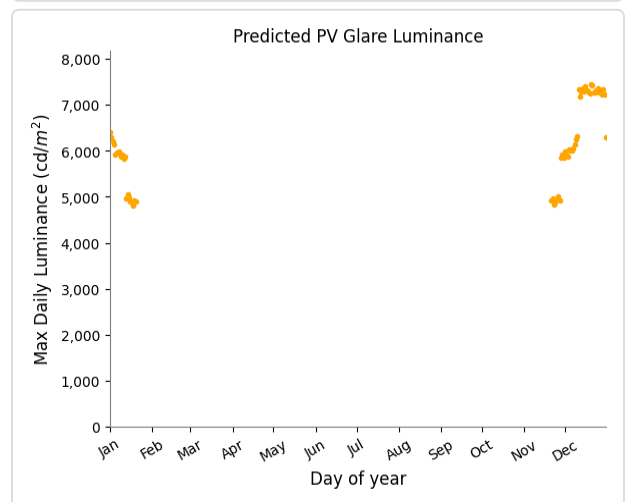
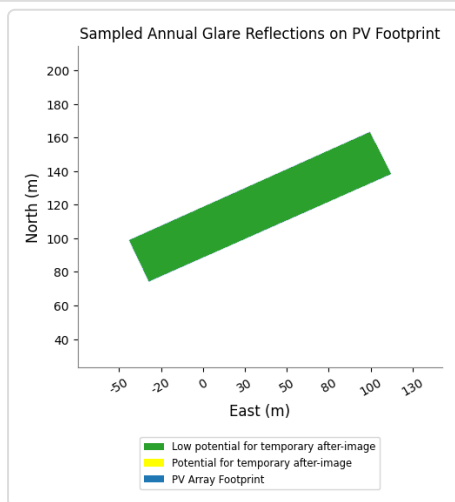
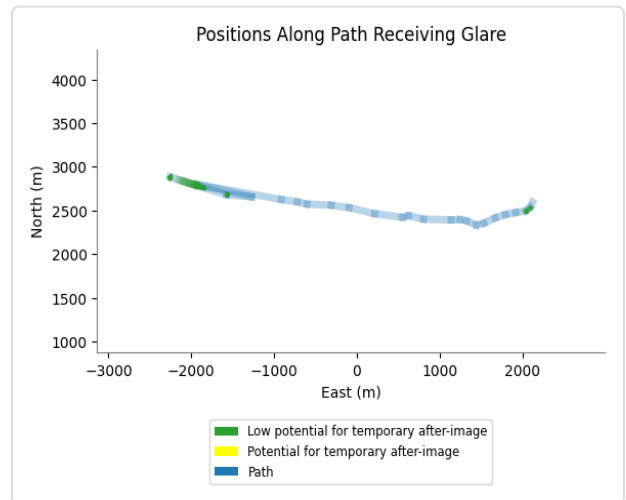
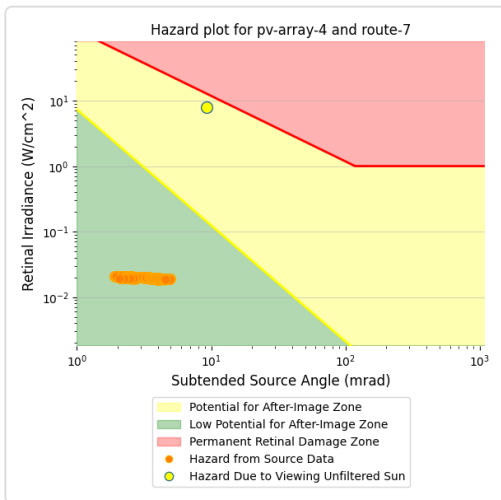
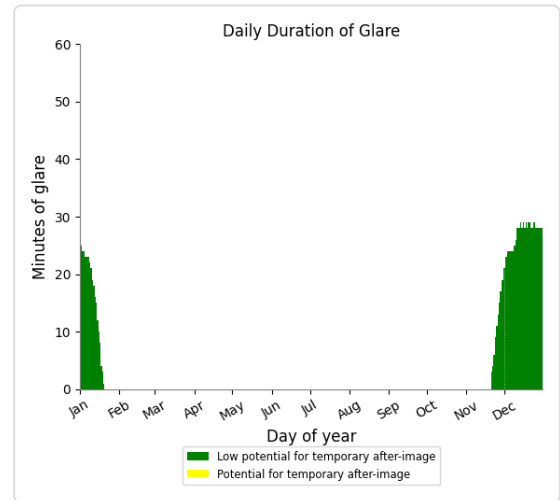
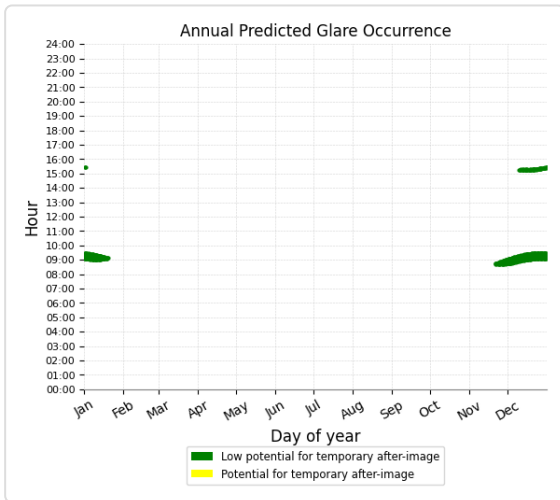
Green glare: 120 min.



PV array 4 and Route: Route 7

Yellow glare: none

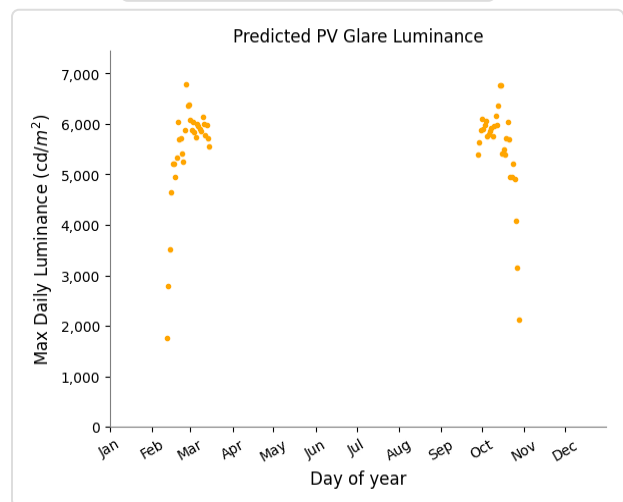
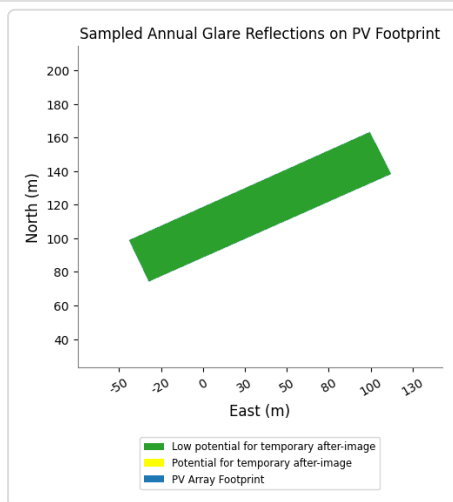
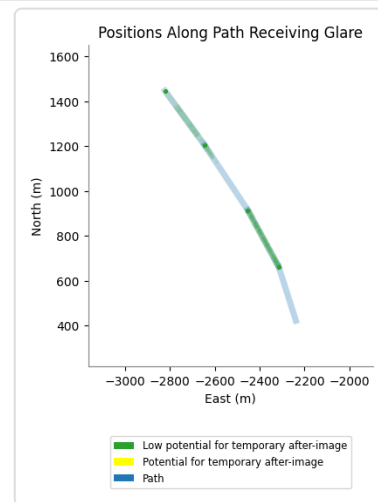
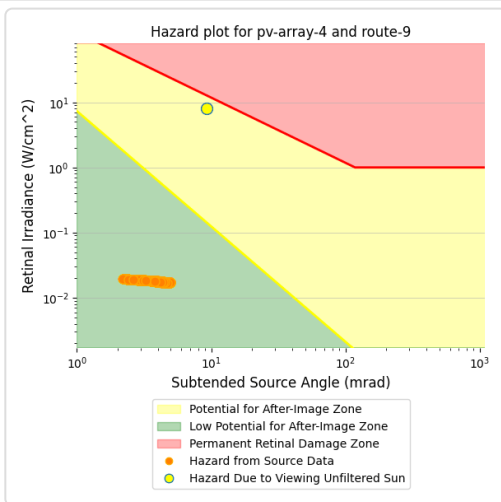
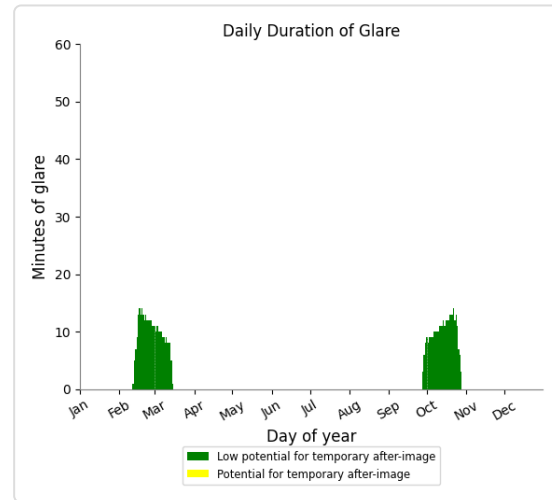
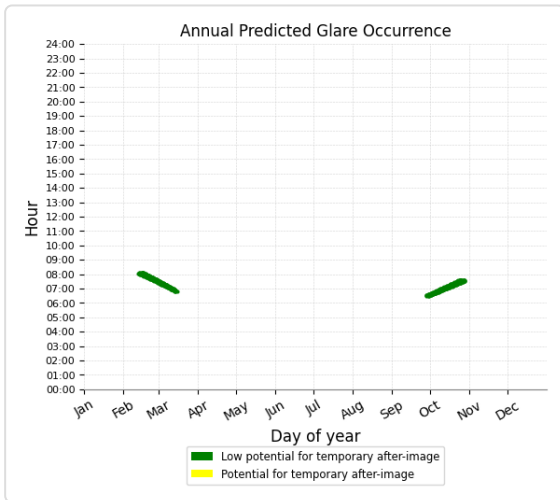
Green glare: 1,290 min.



PV array 4 and Route: Route 9

Yellow glare: none

Green glare: 618 min.



PV array 4 and Route: Footpath 1

No glare found

PV array 4 and Route: Footpath 3

No glare found

PV array 4 and Route: Route 11

No glare found

PV array 4 and Route: Route 12

No glare found

PV array 4 and Route: Route 13

No glare found

PV array 4 and Route: Route 15

No glare found

PV array 4 and Route: Route 16

No glare found

PV array 4 and Route: Route 2

No glare found

PV array 4 and Route: Route 3

No glare found

PV array 4 and Route: Route 8

No glare found

PV array 4 and FP: FP 1

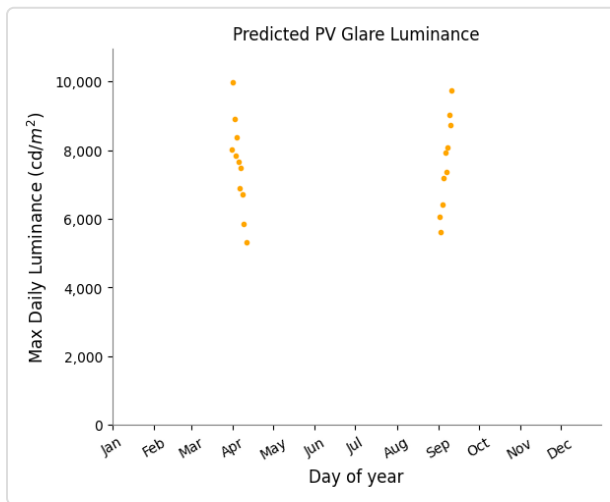
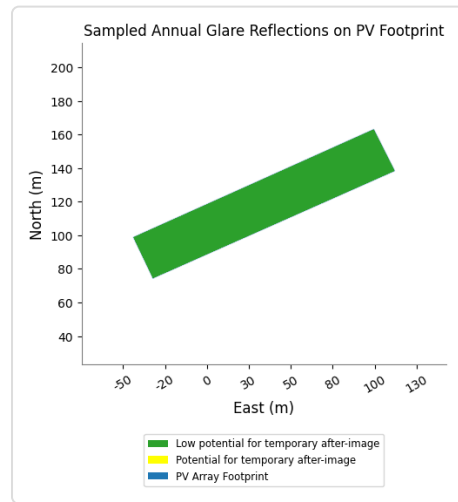
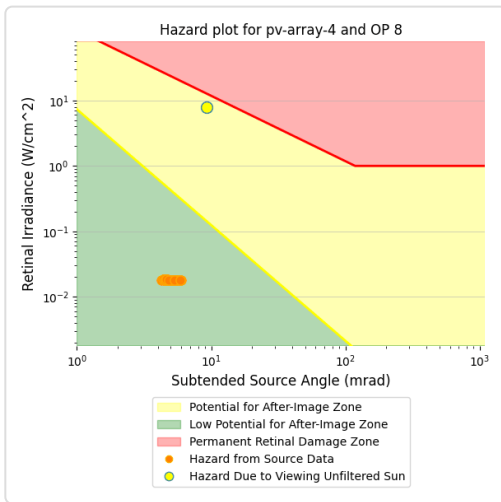
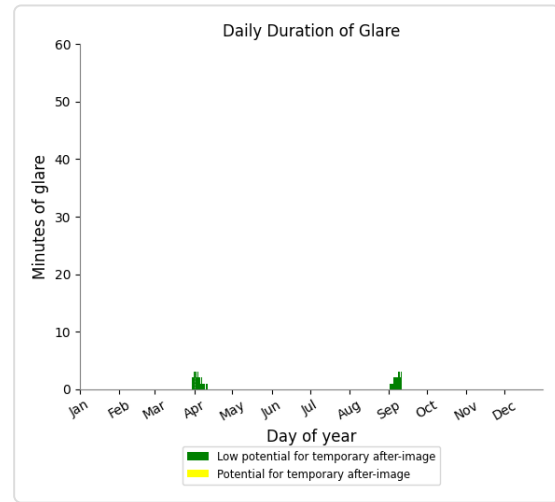
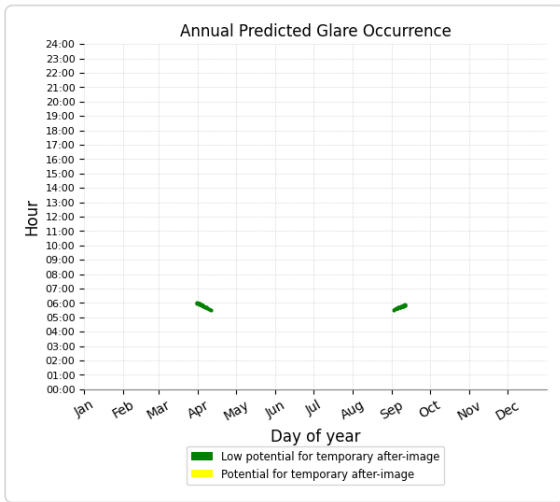
No glare found

PV array 4 and FP: FP 2

No glare found

PV array 4 and OP 8

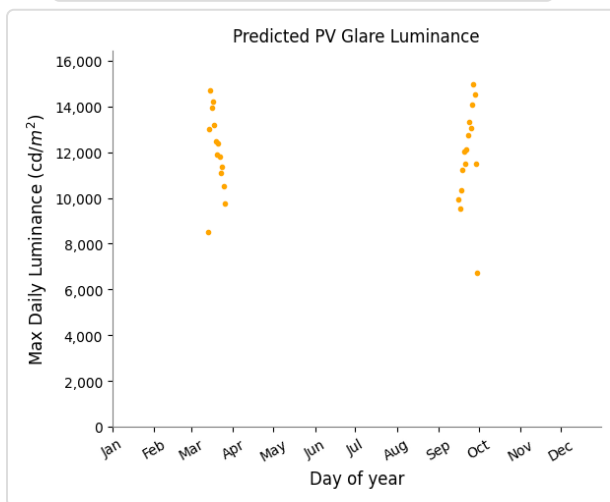
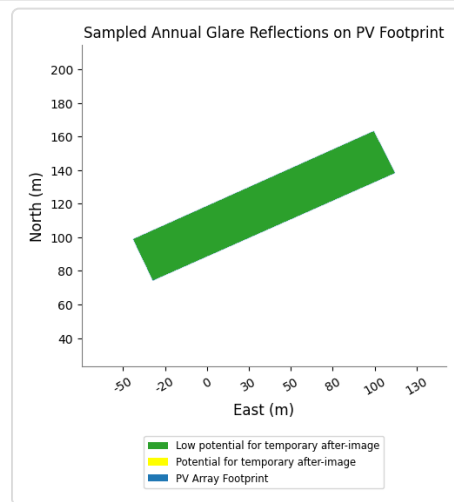
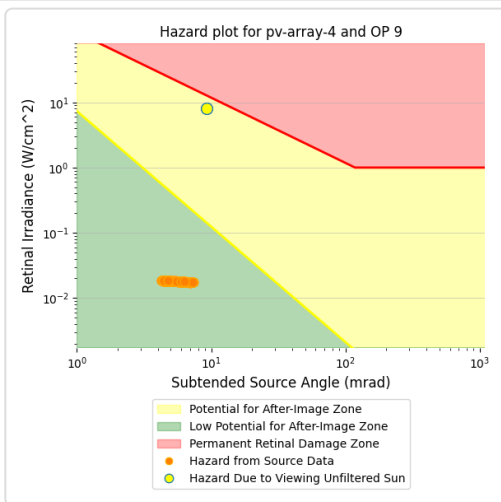
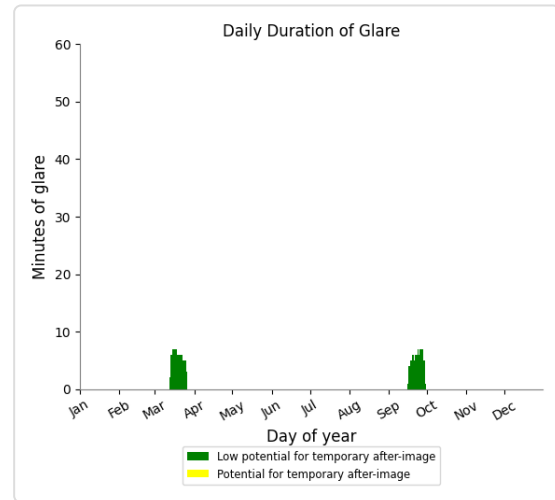
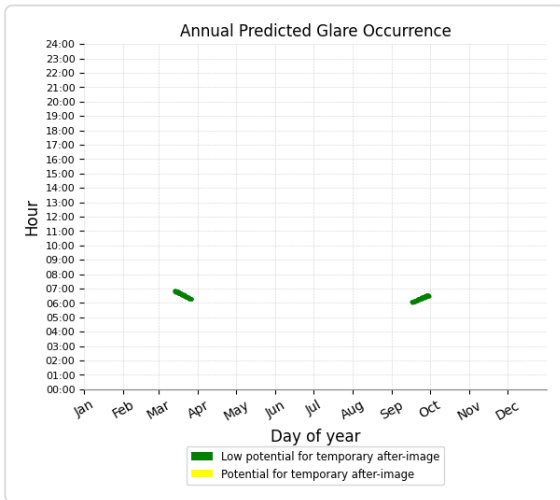
Yellow glare: none
 Green glare: 40 min.



PV array 4 and OP 9

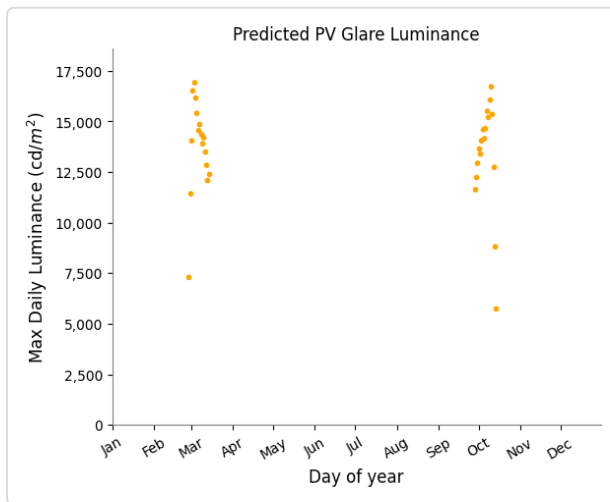
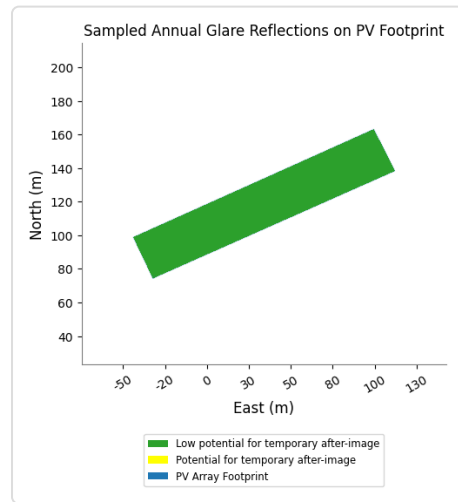
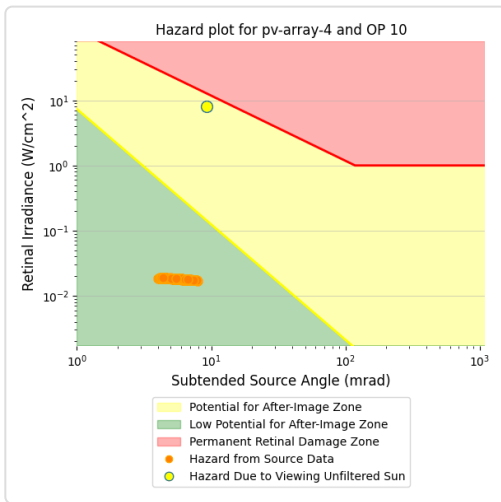
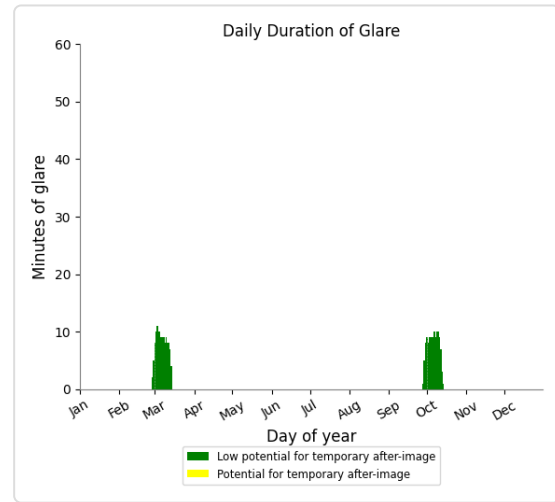
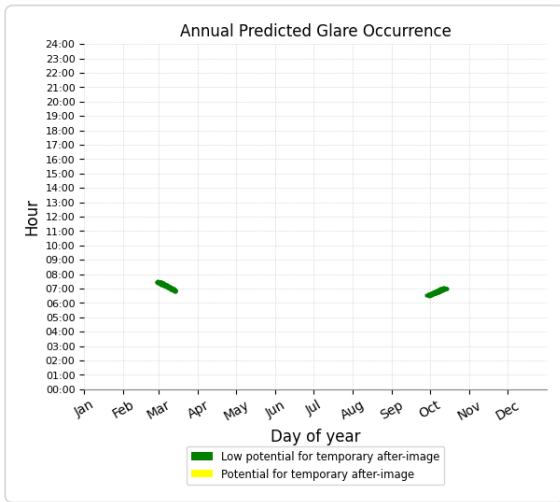
Yellow glare: none

Green glare: 156 min.



PV array 4 and OP 10

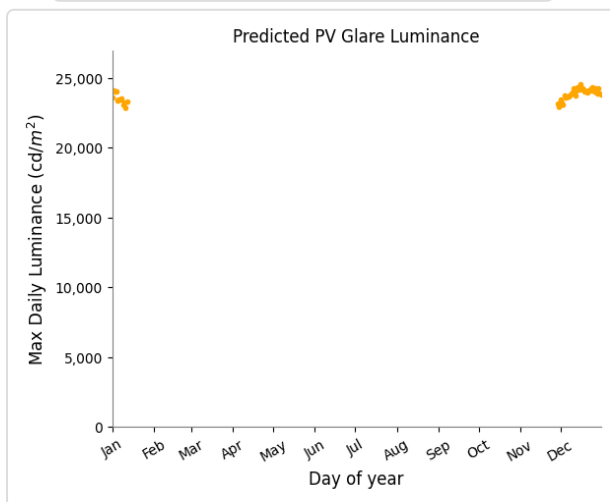
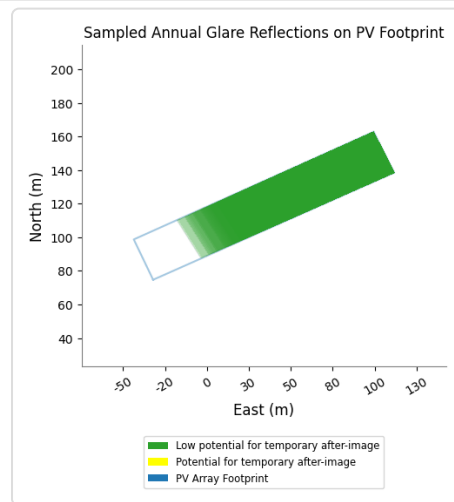
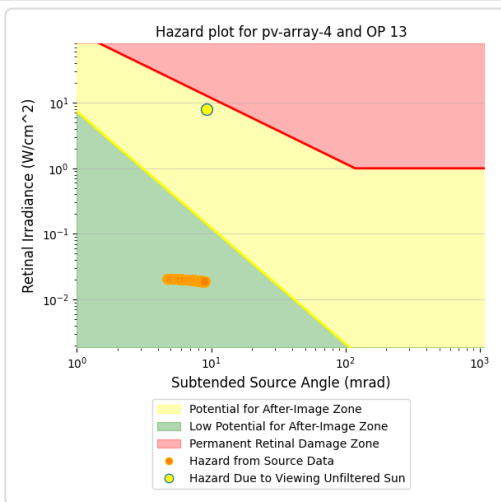
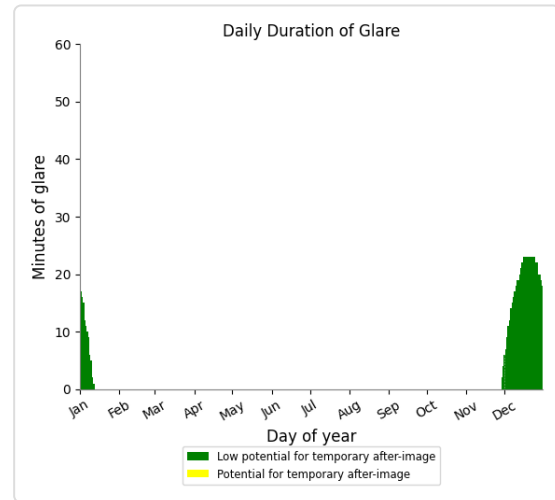
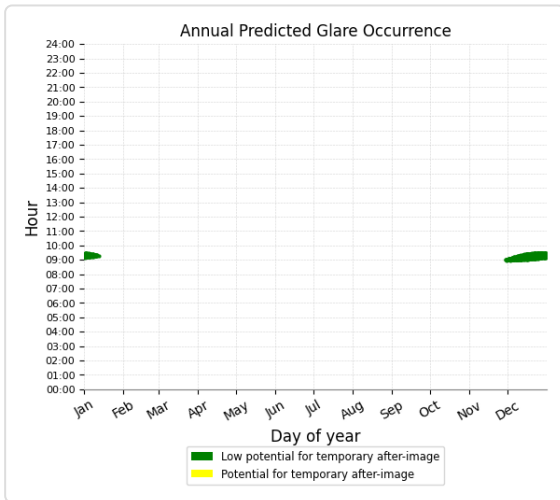
Yellow glare: none
 Green glare: 253 min.



PV array 4 and OP 13

Yellow glare: none

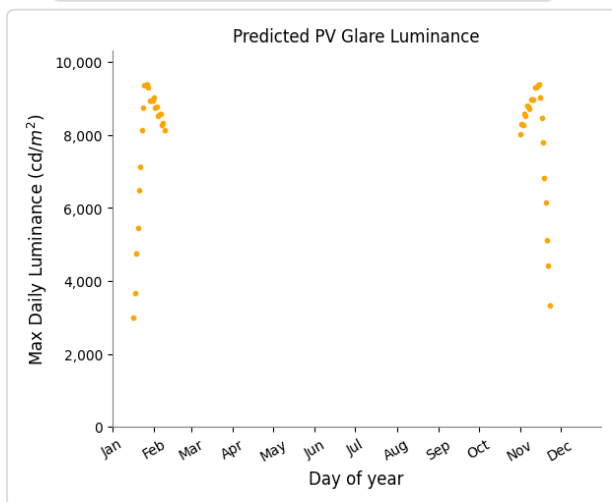
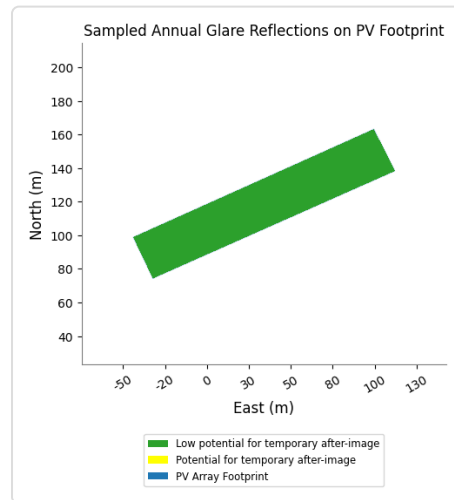
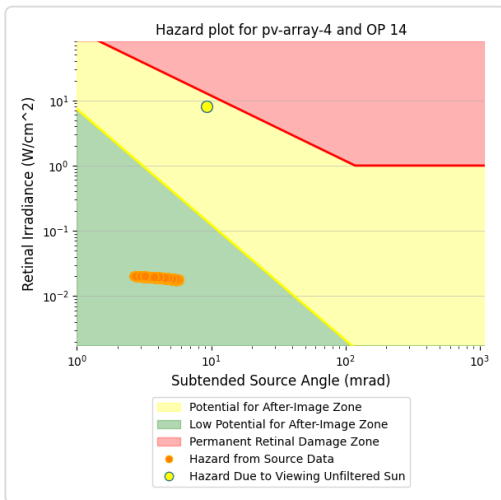
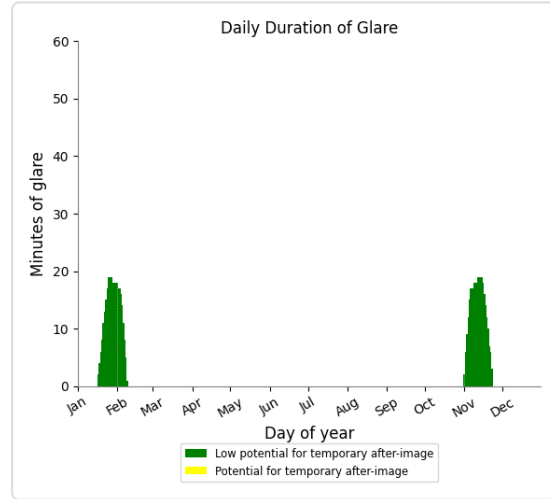
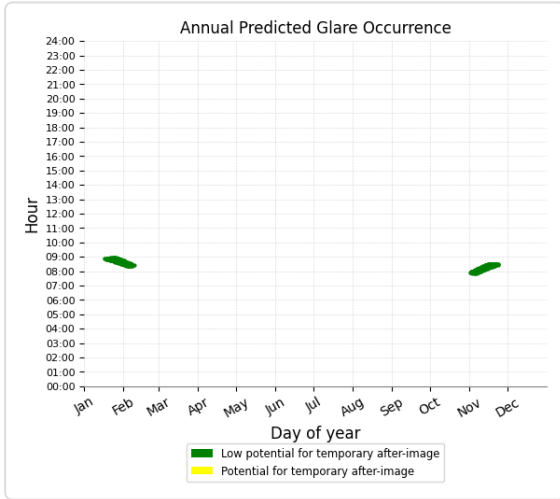
Green glare: 704 min.



PV array 4 and OP 14

Yellow glare: none

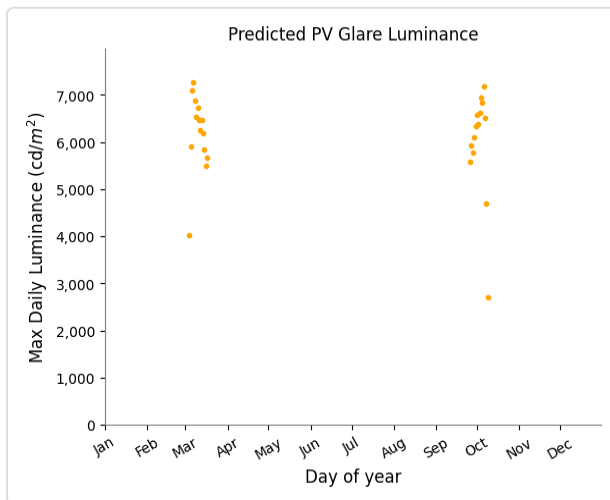
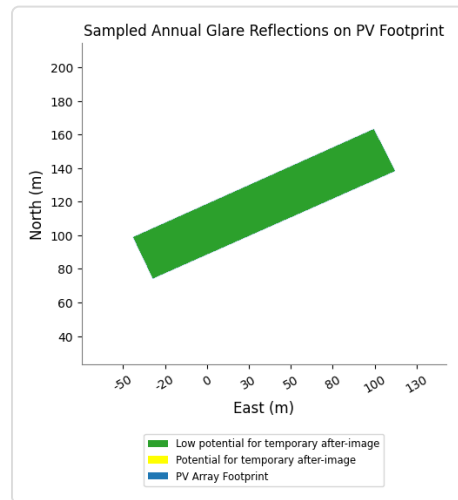
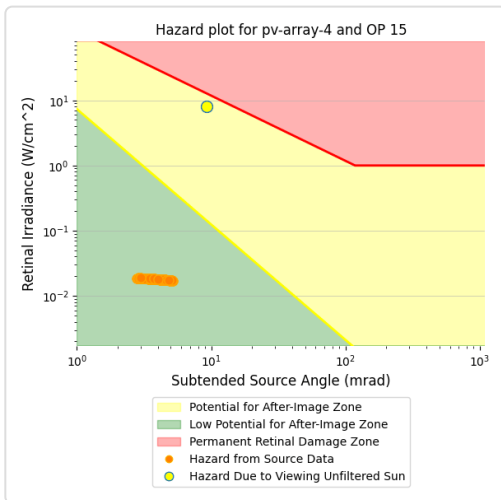
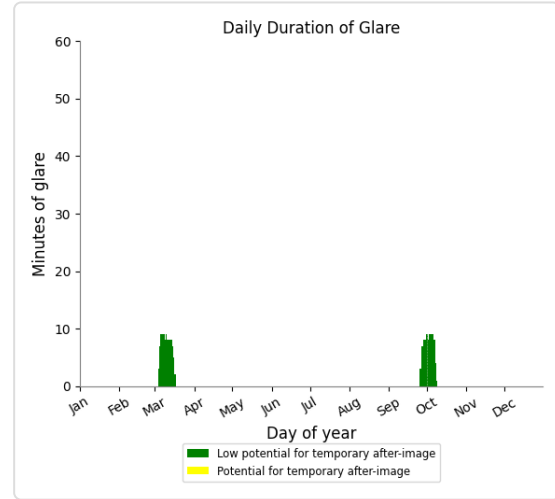
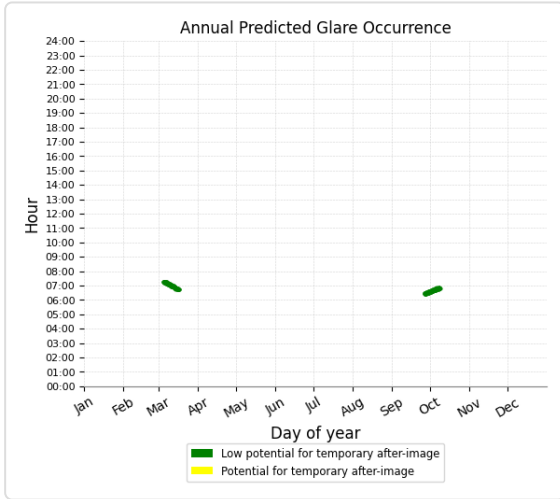
Green glare: 624 min.



PV array 4 and OP 15

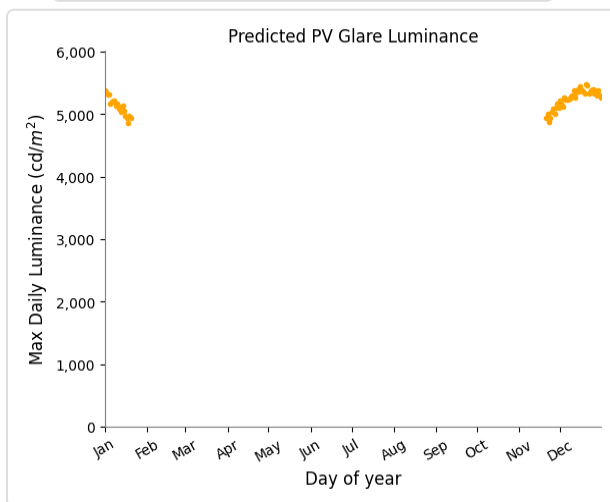
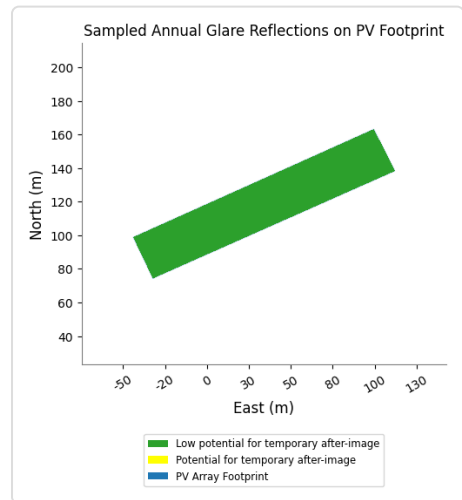
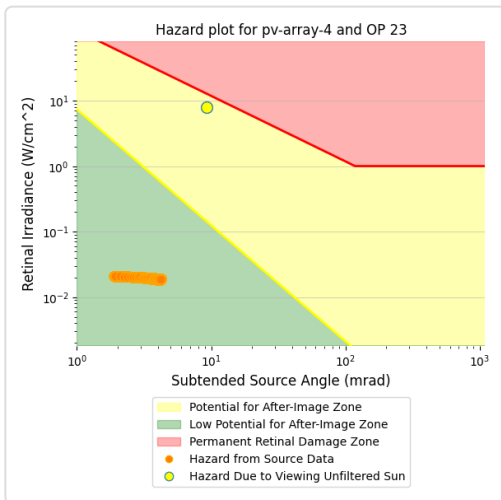
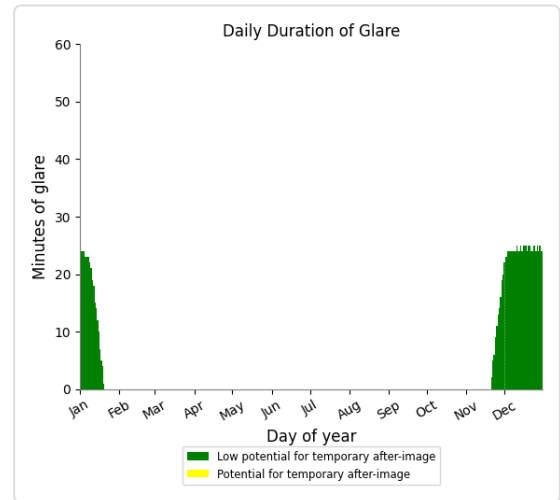
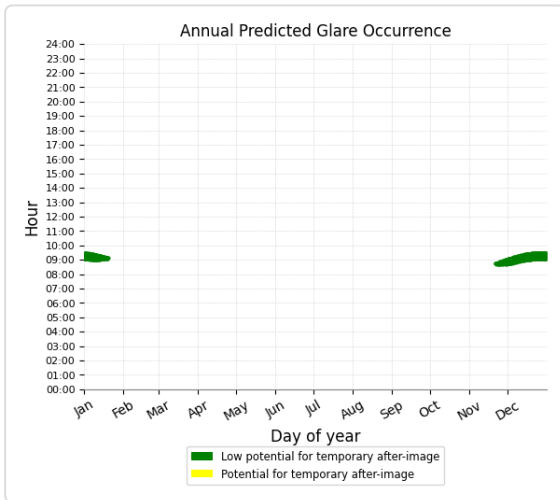
Yellow glare: none

Green glare: 199 min.



PV array 4 and OP 23

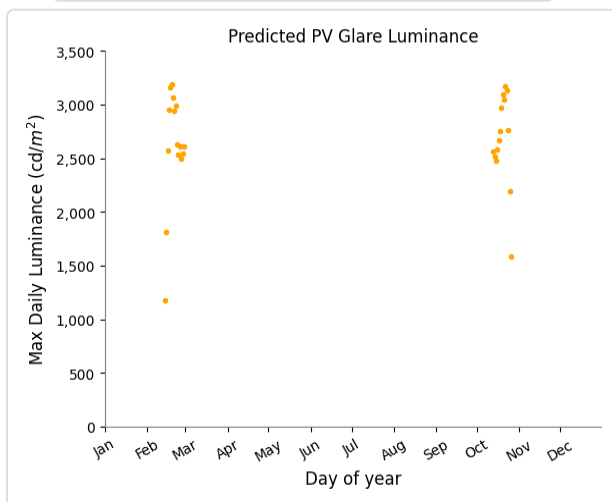
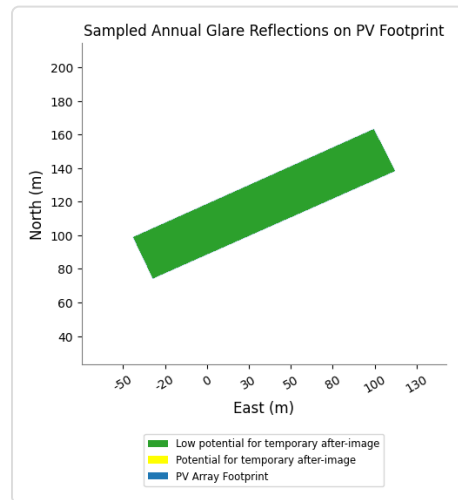
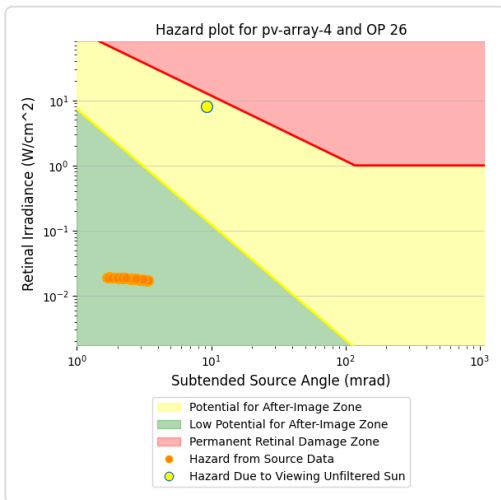
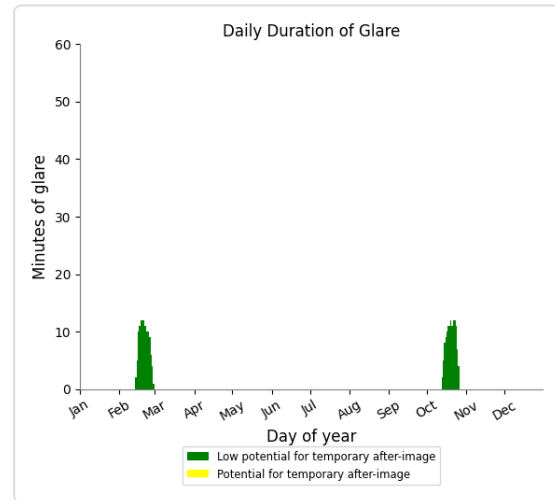
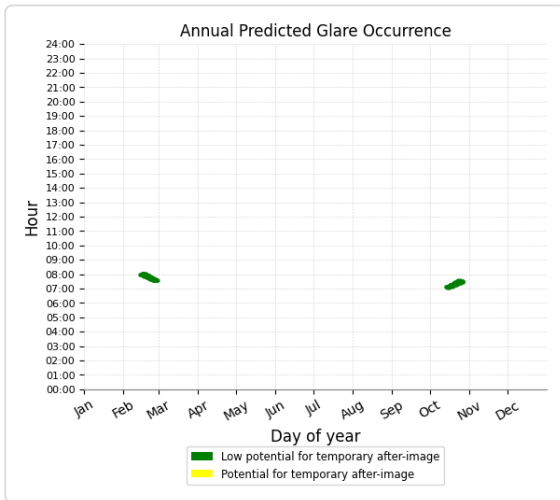
Yellow glare: none
 Green glare: 1,203 min.



PV array 4 and OP 26

Yellow glare: none

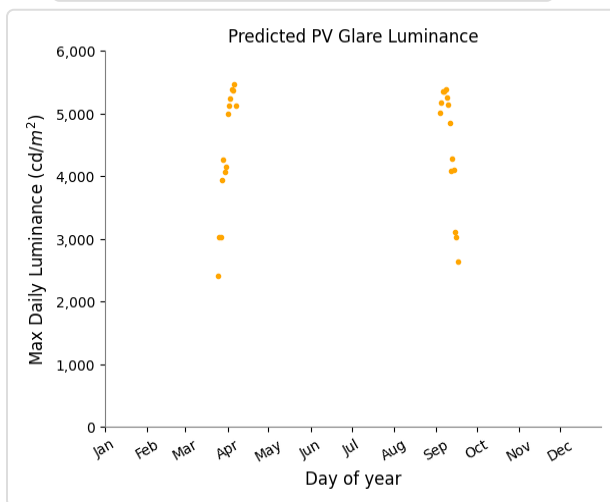
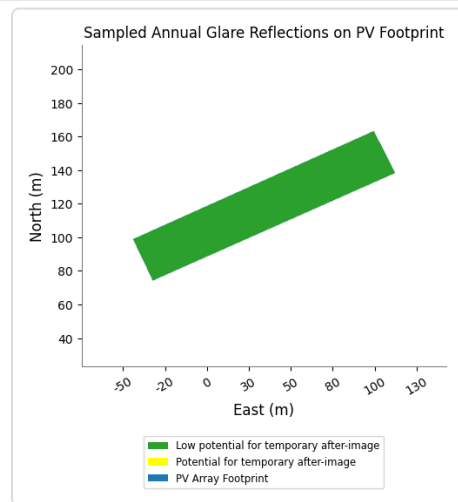
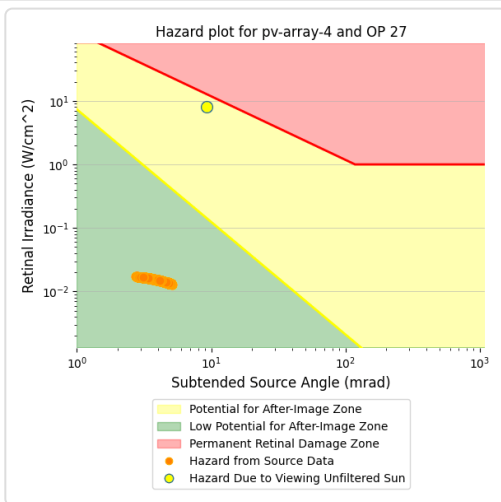
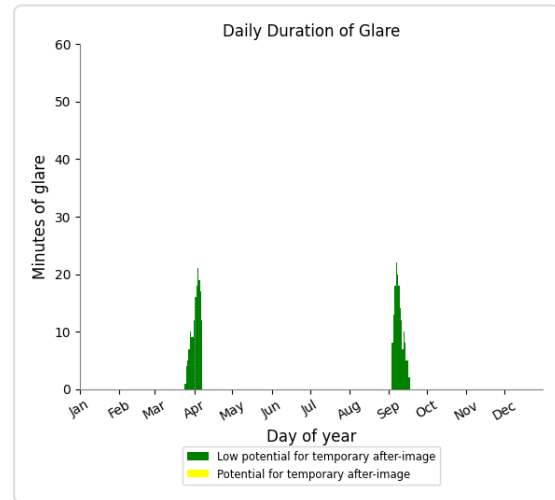
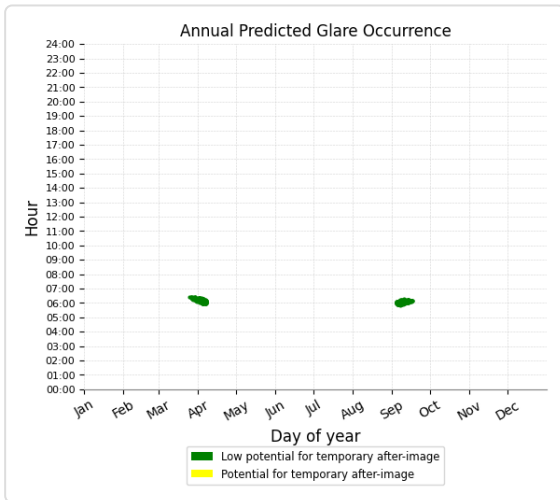
Green glare: 251 min.



PV array 4 and OP 27

Yellow glare: none

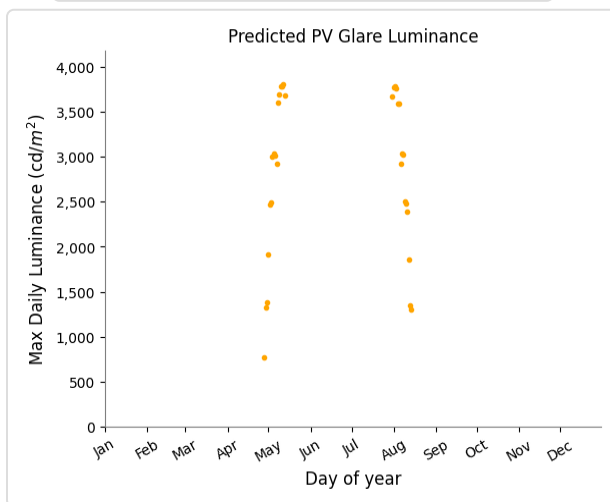
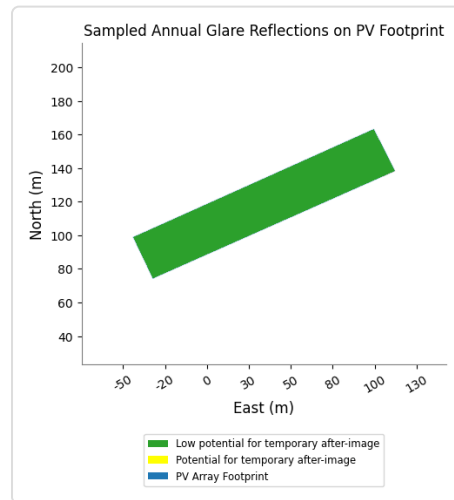
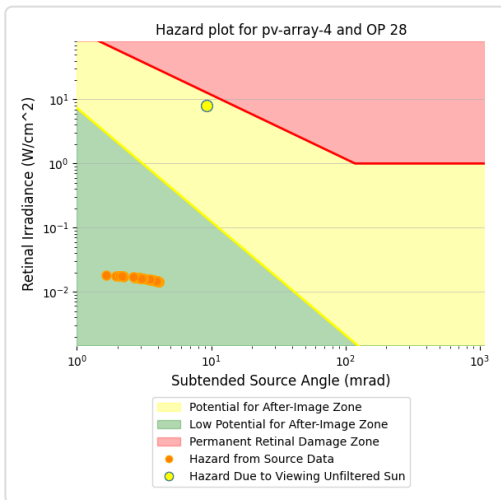
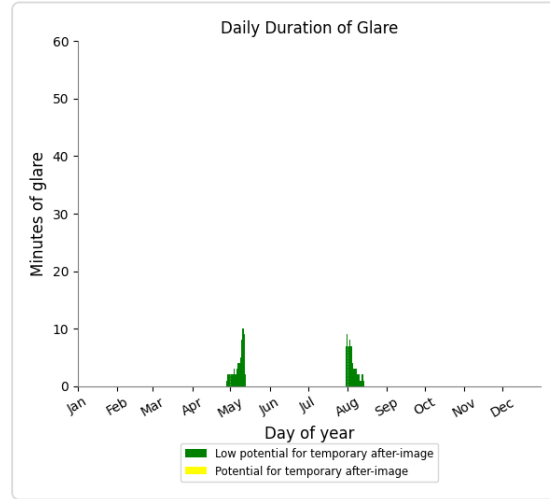
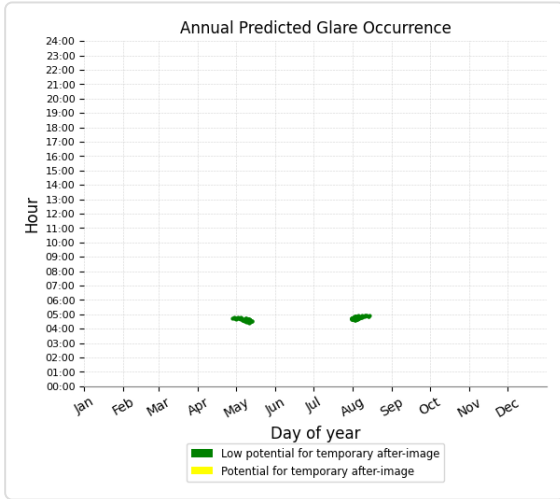
Green glare: 322 min.



PV array 4 and OP 28

Yellow glare: none

Green glare: 121 min.



PV array 4 and OP 1

No glare found

PV array 4 and OP 2

No glare found

PV array 4 and OP 3

No glare found

PV array 4 and OP 4

No glare found

PV array 4 and OP 5

No glare found

PV array 4 and OP 6

No glare found

PV array 4 and OP 7

No glare found

PV array 4 and OP 11

No glare found

PV array 4 and OP 12

No glare found

PV array 4 and OP 16

No glare found

PV array 4 and OP 17

No glare found

PV array 4 and OP 18

No glare found

PV array 4 and OP 19

No glare found

PV array 4 and OP 20

No glare found

PV array 4 and OP 21

No glare found

PV array 4 and OP 22

No glare found

PV array 4 and OP 24

No glare found

PV array 4 and OP 25

No glare found

PV array 4 and OP 29

No glare found

PV array 4 and OP 30

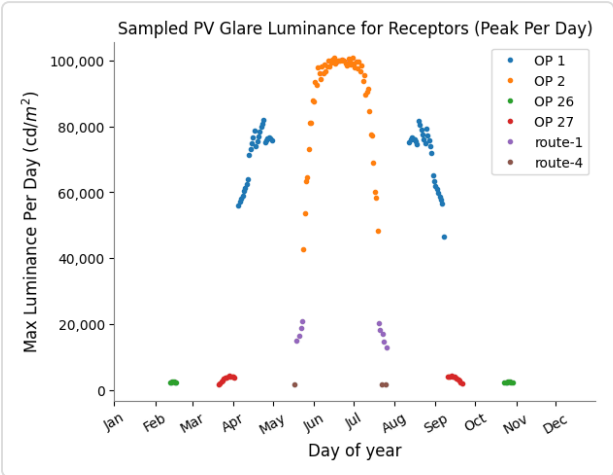
No glare found

PV: PV array 5 low potential for temporary after-image

Receptor results ordered by category of glare

Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
Route 1	138	2.3	0	0.0	49,028
Route 10	35	0.6	0	0.0	8,524
Route 4	111	1.9	0	0.0	2,350
Route 8	90	1.5	0	0.0	6,886
Footpath 1	0	0.0	0	0.0	0
Footpath 2	0	0.0	0	0.0	0
Footpath 3	0	0.0	0	0.0	0
Footpath 4	0	0.0	0	0.0	0
Route 11	0	0.0	0	0.0	0
Route 12	0	0.0	0	0.0	0
Route 13	0	0.0	0	0.0	0
Route 14	0	0.0	0	0.0	0
Route 15	0	0.0	0	0.0	0
Route 16	0	0.0	0	0.0	0
Route 2	0	0.0	0	0.0	0
Route 3	0	0.0	0	0.0	0
Route 5	0	0.0	0	0.0	0
Route 6	0	0.0	0	0.0	0
Route 7	0	0.0	0	0.0	0
Route 9	0	0.0	0	0.0	0
FP 1	0	0.0	0	0.0	0
FP 2	0	0.0	0	0.0	0
OP 1	170	2.8	0	0.0	81,960
OP 2	447	7.5	0	0.0	100,790
OP 26	21	0.3	0	0.0	2,472
OP 27	271	4.5	0	0.0	4,200
OP 3	0	0.0	0	0.0	0
OP 4	0	0.0	0	0.0	0
OP 5	0	0.0	0	0.0	0
OP 6	0	0.0	0	0.0	0
OP 7	0	0.0	0	0.0	0
OP 8	0	0.0	0	0.0	0
OP 9	0	0.0	0	0.0	0
OP 10	0	0.0	0	0.0	0
OP 11	0	0.0	0	0.0	0
OP 12	0	0.0	0	0.0	0
OP 13	0	0.0	0	0.0	0
OP 14	0	0.0	0	0.0	0

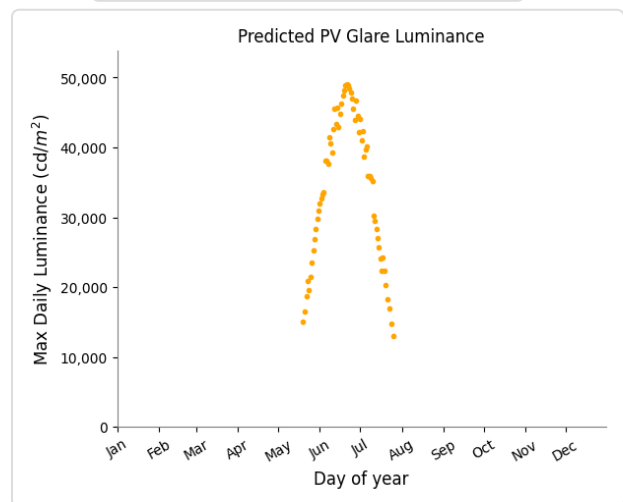
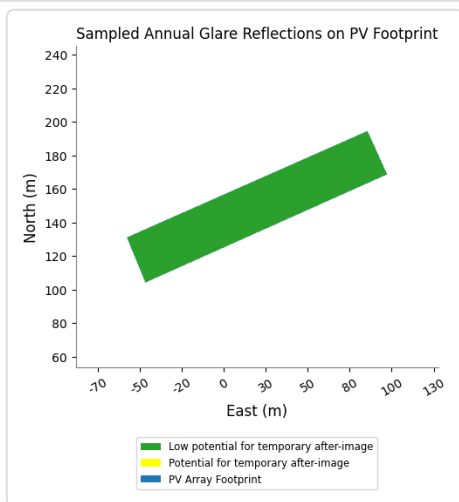
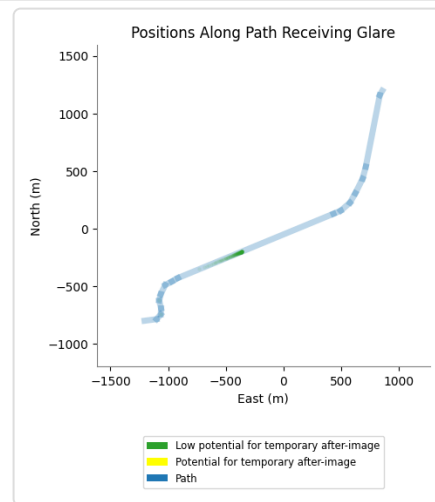
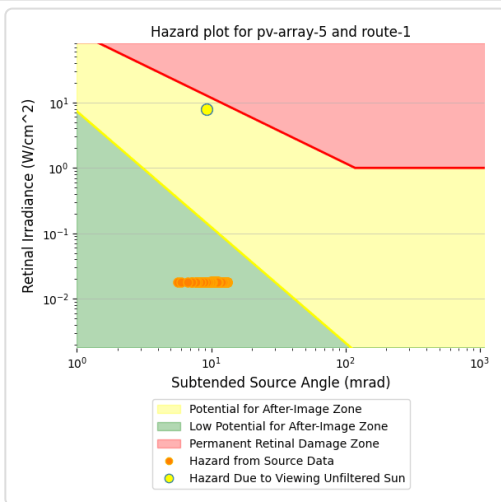
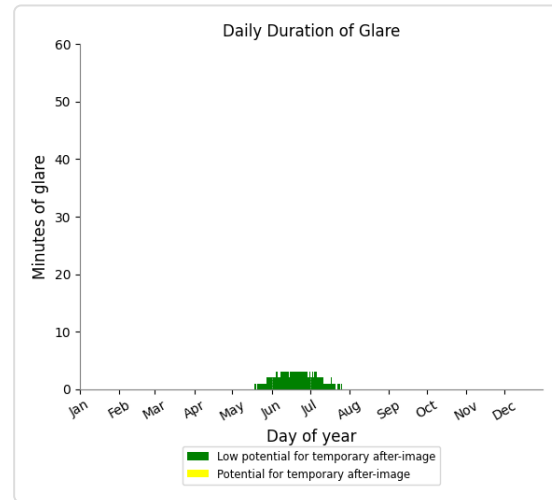
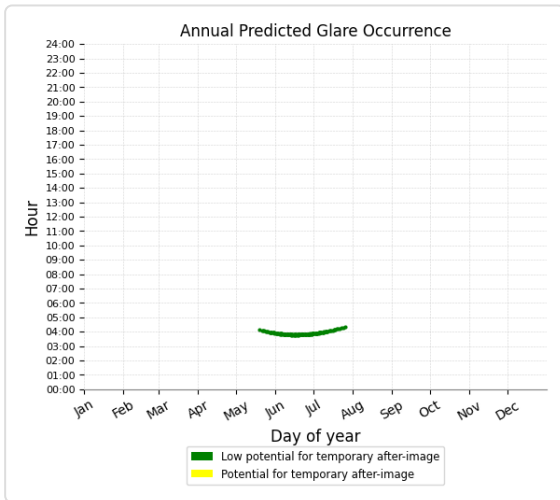
Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
OP 15	0	0.0	0	0.0	0
OP 16	0	0.0	0	0.0	0
OP 17	0	0.0	0	0.0	0
OP 18	0	0.0	0	0.0	0
OP 19	0	0.0	0	0.0	0
OP 20	0	0.0	0	0.0	0
OP 21	0	0.0	0	0.0	0
OP 22	0	0.0	0	0.0	0
OP 23	0	0.0	0	0.0	0
OP 24	0	0.0	0	0.0	0
OP 25	0	0.0	0	0.0	0
OP 28	0	0.0	0	0.0	0
OP 29	0	0.0	0	0.0	0
OP 30	0	0.0	0	0.0	0



PV array 5 and Route: Route 1

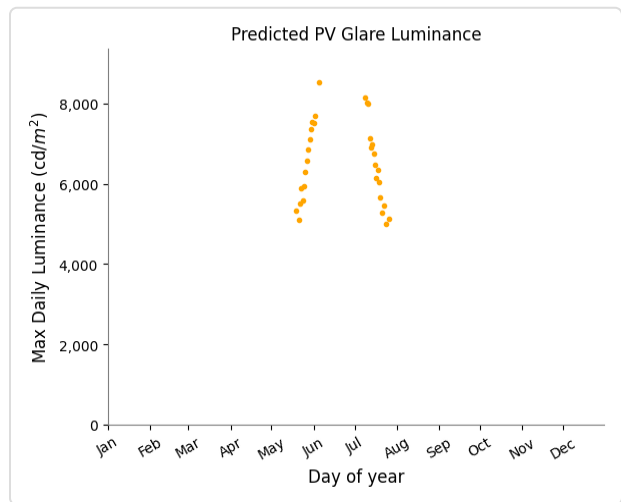
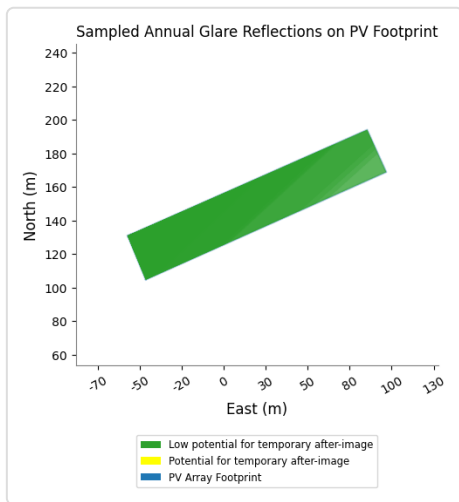
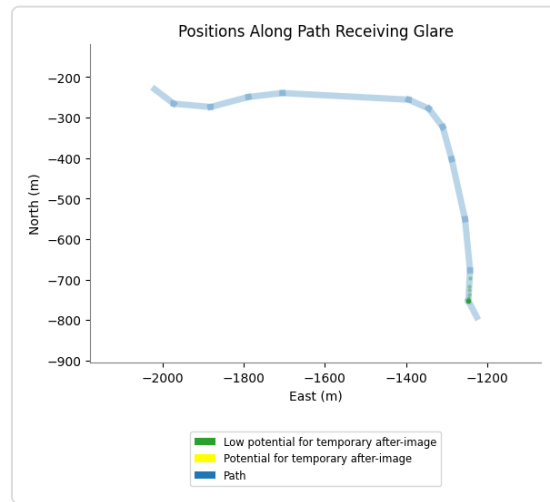
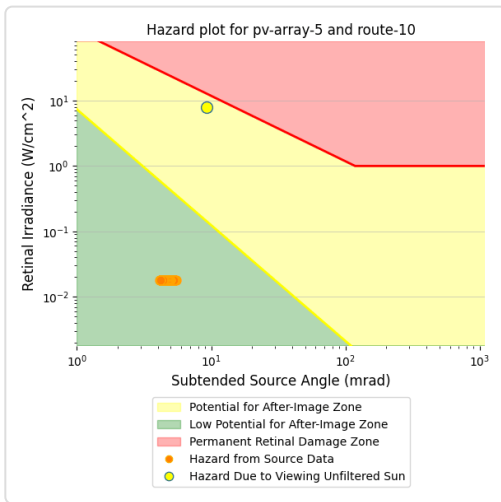
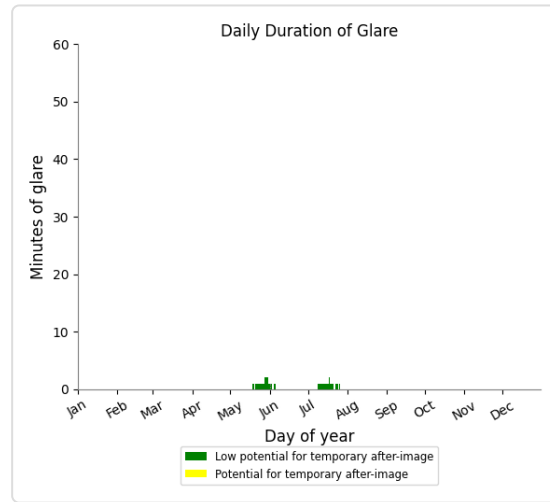
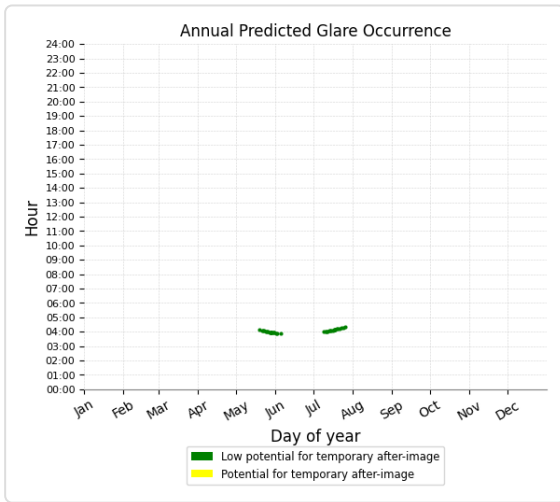
Yellow glare: none

Green glare: 138 min.



PV array 5 and Route: Route 10

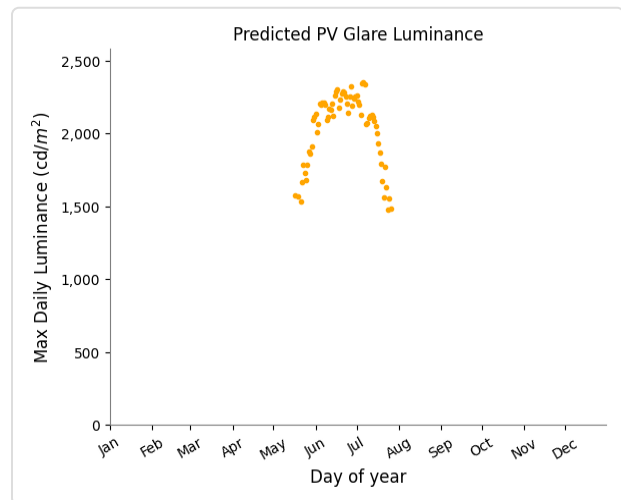
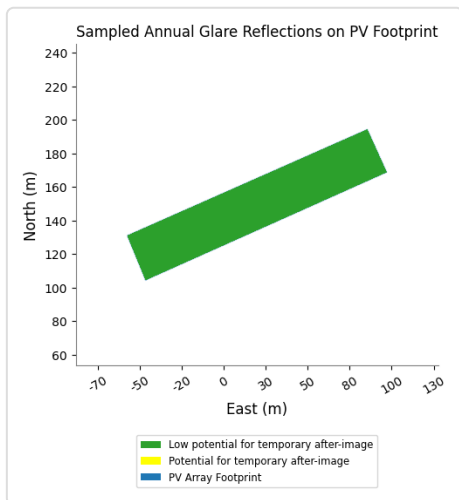
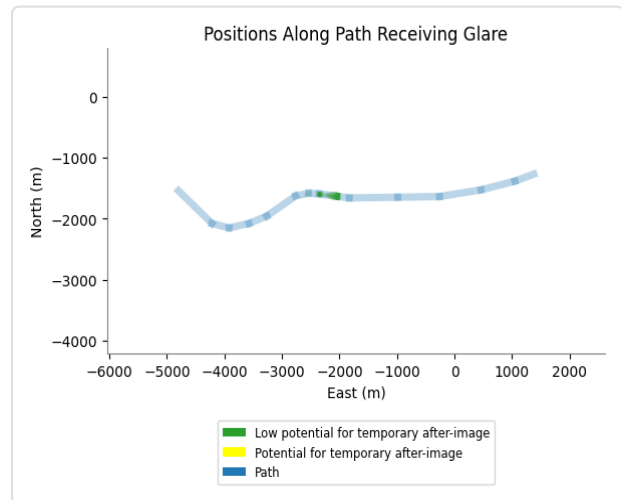
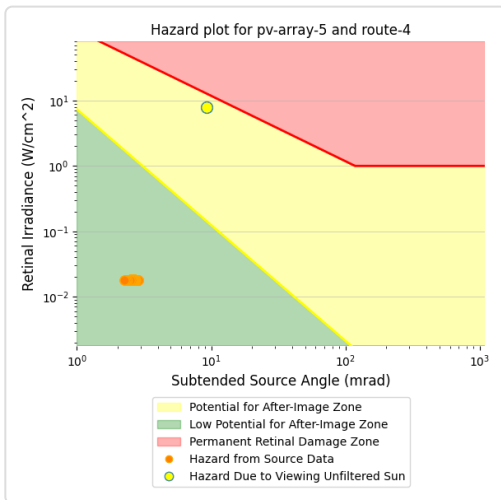
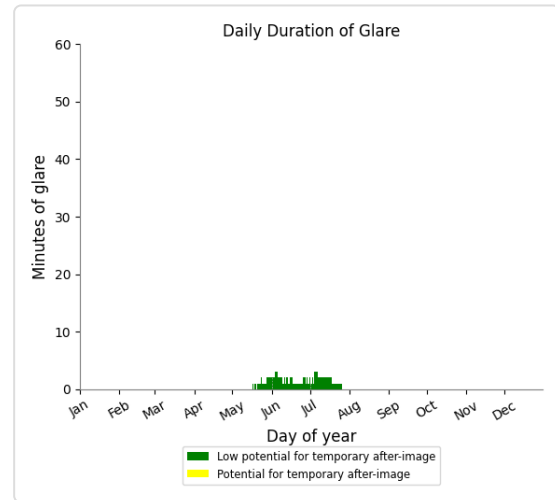
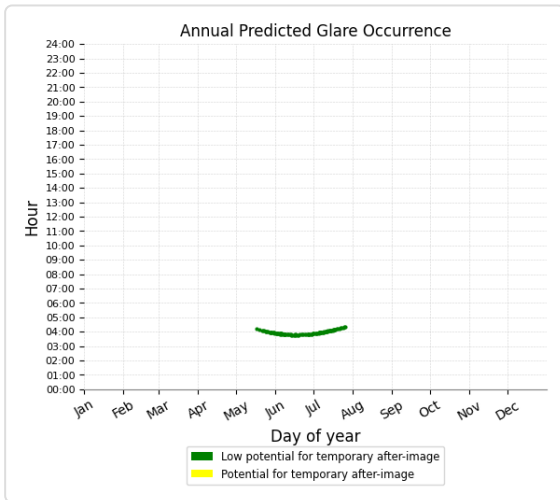
Yellow glare: none
 Green glare: 35 min.



PV array 5 and Route: Route 4

Yellow glare: none

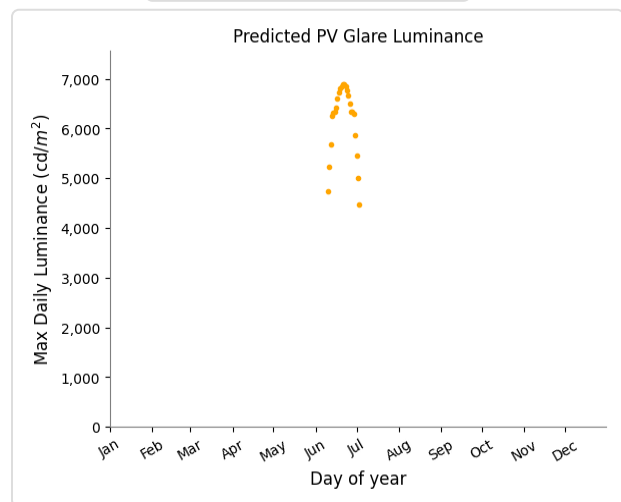
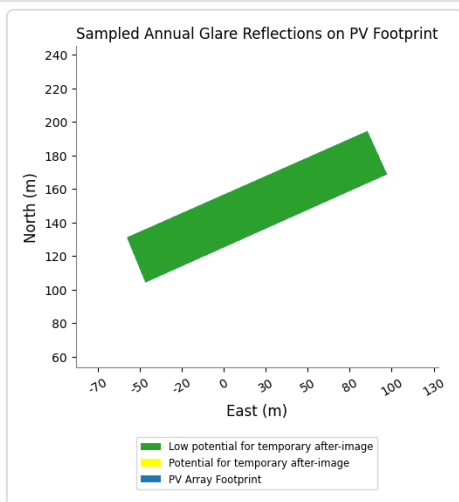
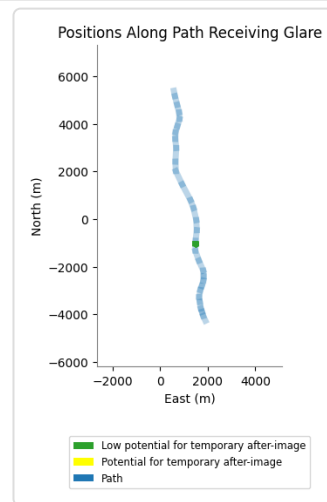
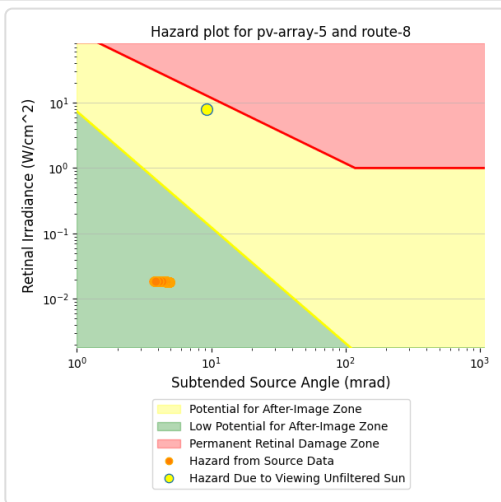
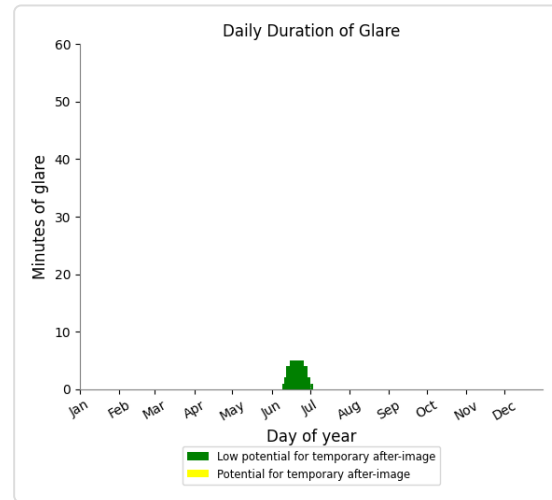
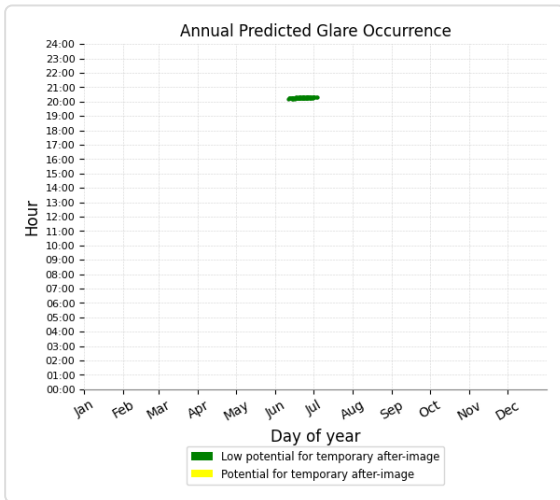
Green glare: 111 min.



PV array 5 and Route: Route 8

Yellow glare: none

Green glare: 90 min.



PV array 5 and Route: Footpath 1

No glare found

PV array 5 and Route: Footpath 2

No glare found

PV array 5 and Route: Footpath 3

No glare found

PV array 5 and Route: Footpath 4

No glare found

PV array 5 and Route: Route 11

No glare found

PV array 5 and Route: Route 12

No glare found

PV array 5 and Route: Route 13

No glare found

PV array 5 and Route: Route 14

No glare found

PV array 5 and Route: Route 15

No glare found

PV array 5 and Route: Route 16

No glare found

PV array 5 and Route: Route 2

No glare found

PV array 5 and Route: Route 3

No glare found

PV array 5 and Route: Route 5

No glare found

PV array 5 and Route: Route 6

No glare found

PV array 5 and Route: Route 7

No glare found

PV array 5 and Route: Route 9

No glare found

PV array 5 and FP: FP 1

No glare found

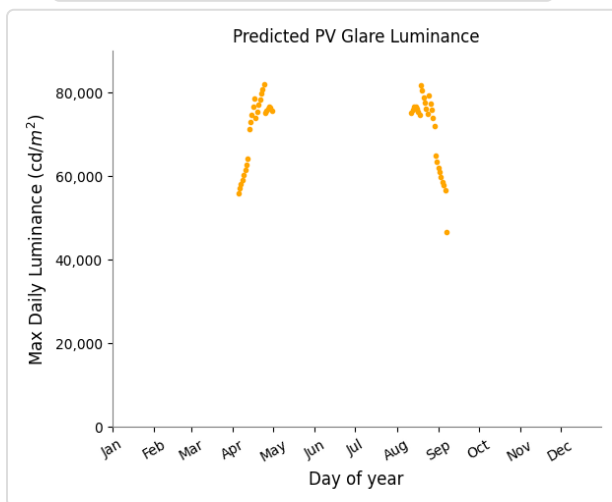
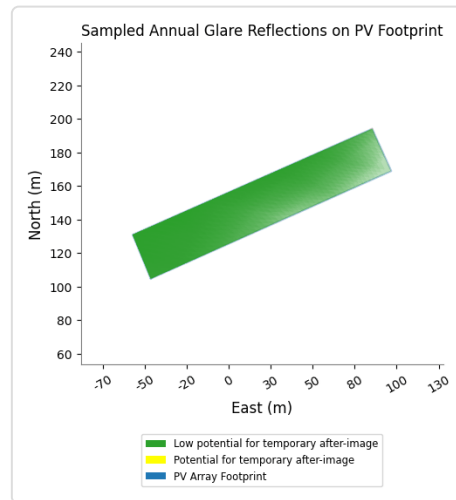
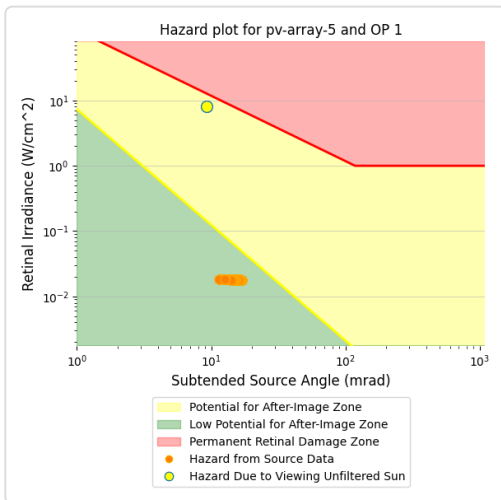
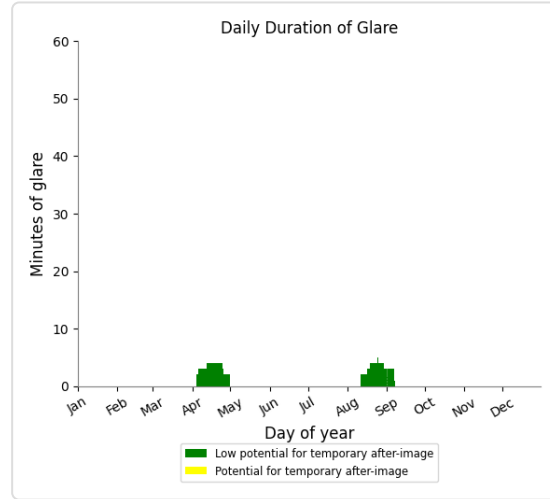
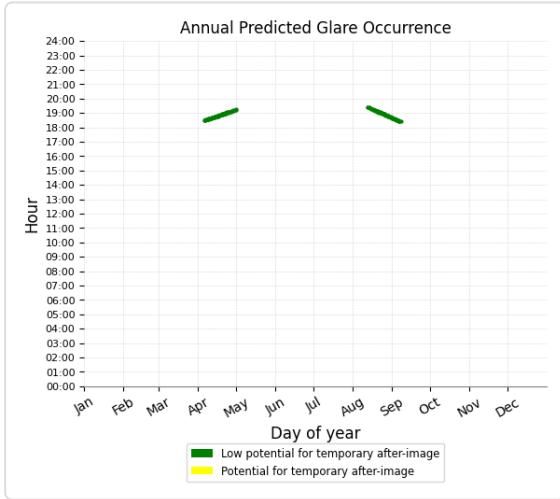
PV array 5 and FP: FP 2

No glare found

PV array 5 and OP 1

Yellow glare: none

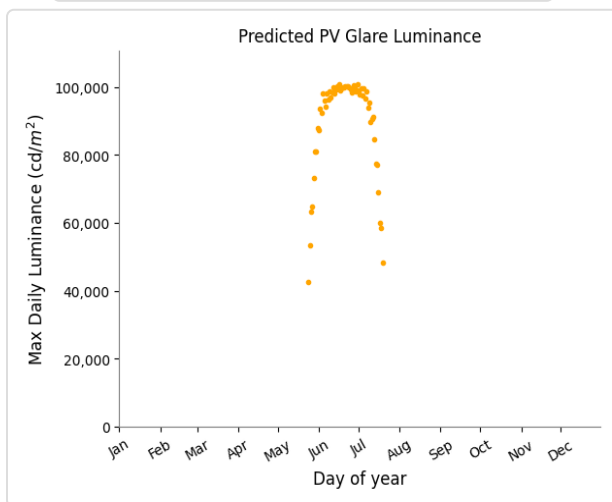
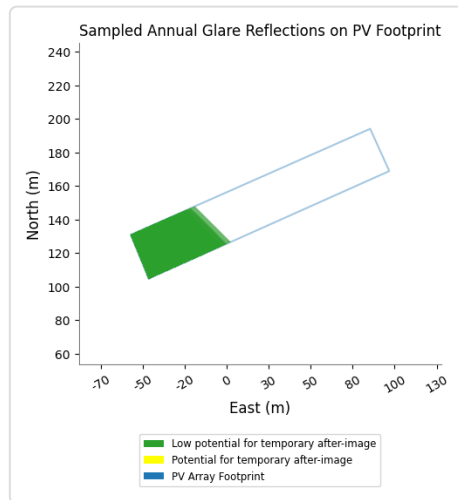
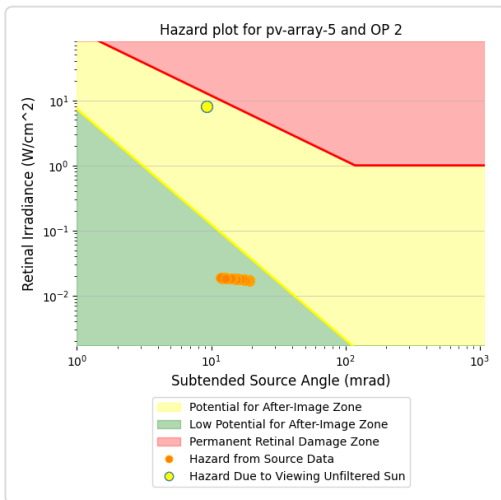
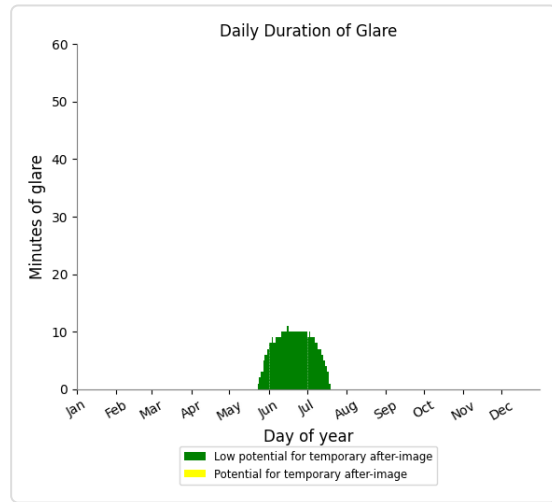
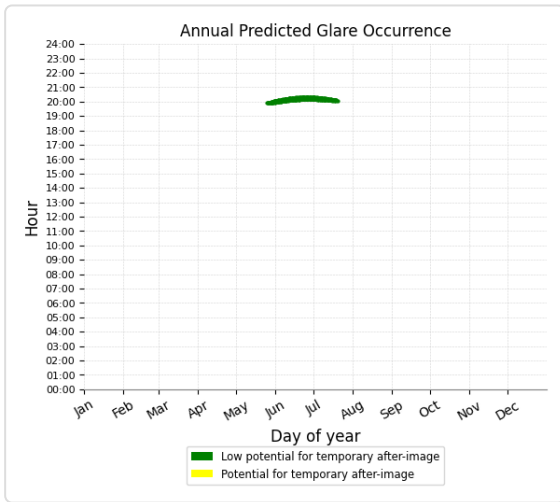
Green glare: 170 min.



PV array 5 and OP 2

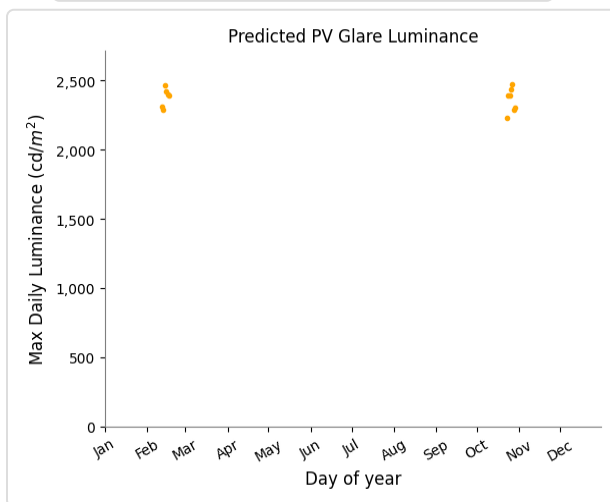
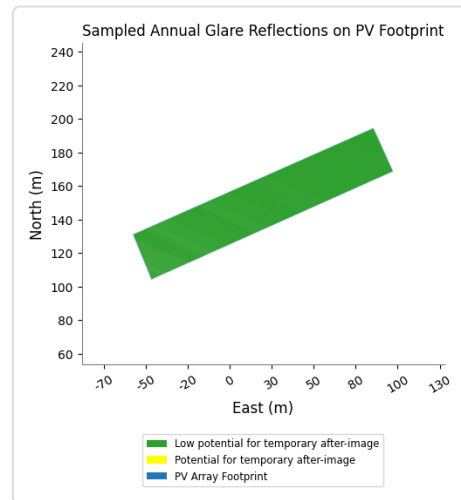
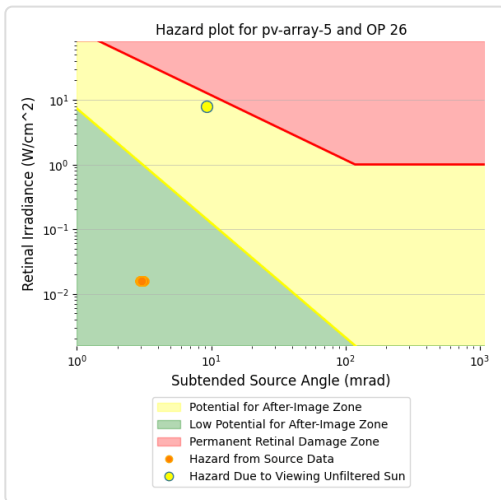
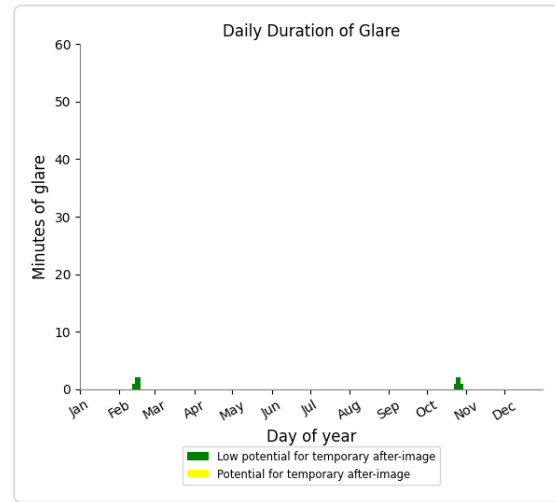
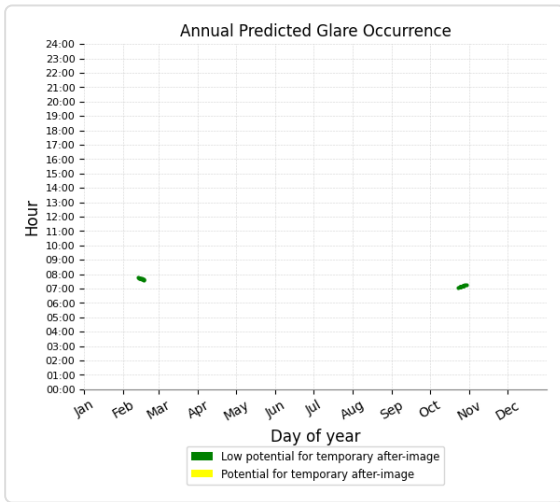
Yellow glare: none

Green glare: 447 min.



PV array 5 and OP 26

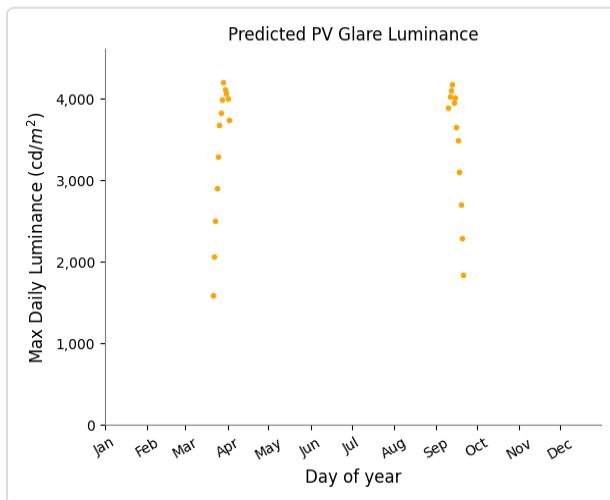
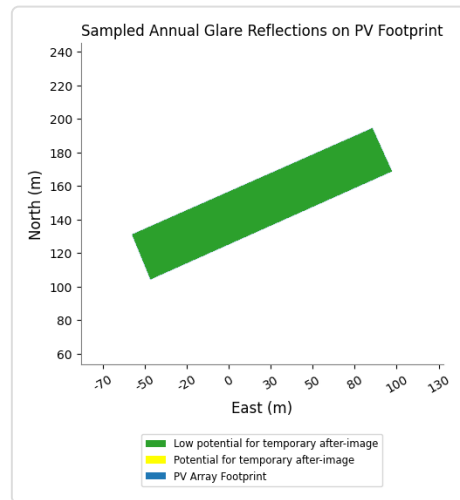
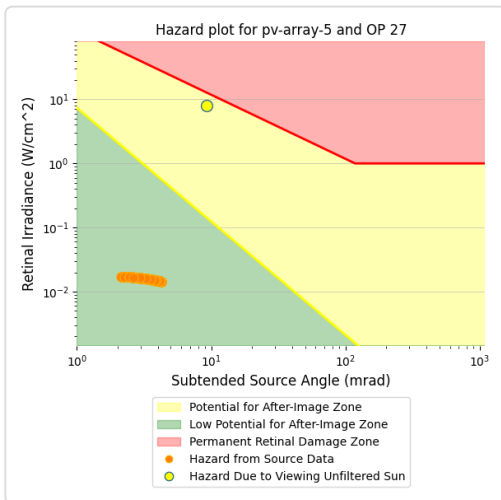
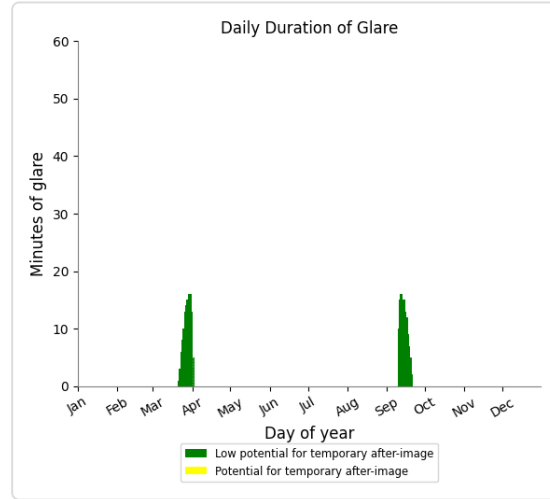
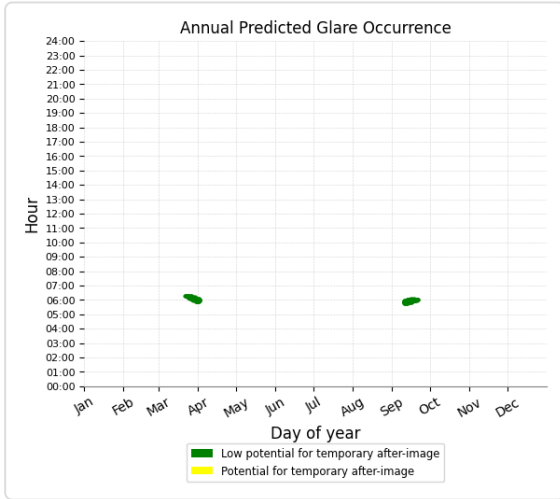
Yellow glare: none
 Green glare: 21 min.



PV array 5 and OP 27

Yellow glare: none

Green glare: 271 min.



PV array 5 and OP 3

No glare found

PV array 5 and OP 4

No glare found

PV array 5 and OP 5

No glare found

PV array 5 and OP 6

No glare found

PV array 5 and OP 7

No glare found

PV array 5 and OP 8

No glare found

PV array 5 and OP 9

No glare found

PV array 5 and OP 10

No glare found

PV array 5 and OP 11

No glare found

PV array 5 and OP 12

No glare found

PV array 5 and OP 13

No glare found

PV array 5 and OP 14

No glare found

PV array 5 and OP 15

No glare found

PV array 5 and OP 16

No glare found

PV array 5 and OP 17

No glare found

PV array 5 and OP 18

No glare found

PV array 5 and OP 19

No glare found

PV array 5 and OP 20

No glare found

PV array 5 and OP 21

No glare found

PV array 5 and OP 22

No glare found

PV array 5 and OP 23

No glare found

PV array 5 and OP 24

No glare found

PV array 5 and OP 25

No glare found

PV array 5 and OP 28

No glare found

PV array 5 and OP 29

No glare found

PV array 5 and OP 30

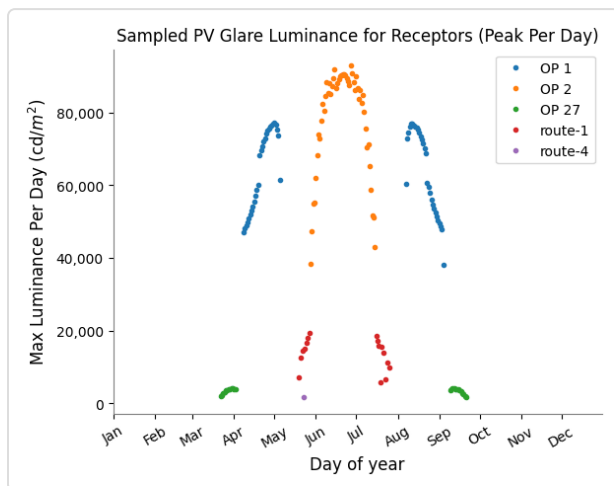
No glare found

PV: PV array 6 low potential for temporary after-image

Receptor results ordered by category of glare

Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
Route 1	114	1.9	0	0.0	35,320
Route 10	66	1.1	0	0.0	8,298
Route 4	118	2.0	0	0.0	2,590
Route 8	90	1.5	0	0.0	6,692
Footpath 1	0	0.0	0	0.0	0
Footpath 2	0	0.0	0	0.0	0
Footpath 3	0	0.0	0	0.0	0
Footpath 4	0	0.0	0	0.0	0
Route 11	0	0.0	0	0.0	0
Route 12	0	0.0	0	0.0	0
Route 13	0	0.0	0	0.0	0
Route 14	0	0.0	0	0.0	0
Route 15	0	0.0	0	0.0	0
Route 16	0	0.0	0	0.0	0
Route 2	0	0.0	0	0.0	0
Route 3	0	0.0	0	0.0	0
Route 5	0	0.0	0	0.0	0
Route 6	0	0.0	0	0.0	0
Route 7	0	0.0	0	0.0	0
Route 9	0	0.0	0	0.0	0
FP 1	0	0.0	0	0.0	0
FP 2	0	0.0	0	0.0	0
OP 1	158	2.6	0	0.0	77,059
OP 2	335	5.6	0	0.0	92,841
OP 27	276	4.6	0	0.0	4,179
OP 3	0	0.0	0	0.0	0
OP 4	0	0.0	0	0.0	0
OP 5	0	0.0	0	0.0	0
OP 6	0	0.0	0	0.0	0
OP 7	0	0.0	0	0.0	0
OP 8	0	0.0	0	0.0	0
OP 9	0	0.0	0	0.0	0
OP 10	0	0.0	0	0.0	0
OP 11	0	0.0	0	0.0	0
OP 12	0	0.0	0	0.0	0
OP 13	0	0.0	0	0.0	0
OP 14	0	0.0	0	0.0	0
OP 15	0	0.0	0	0.0	0

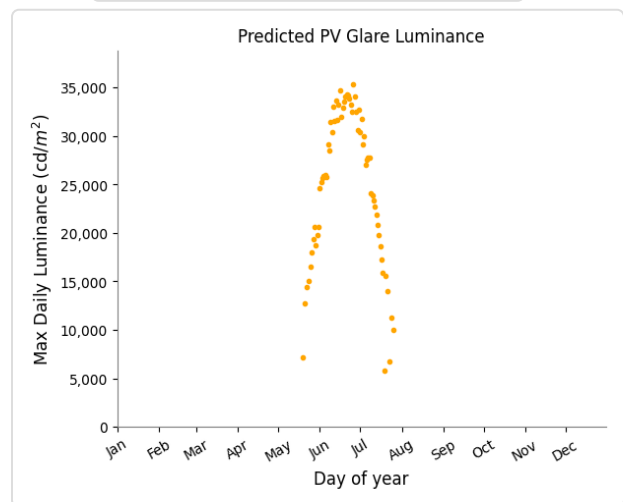
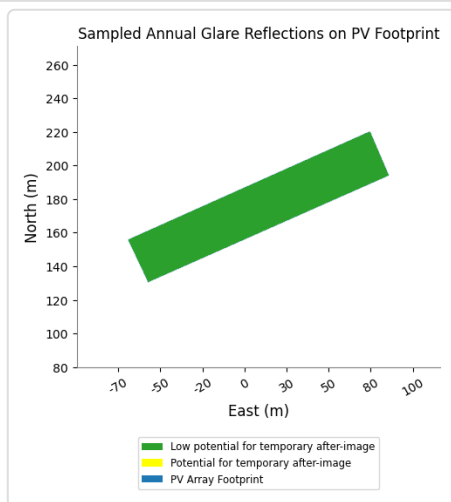
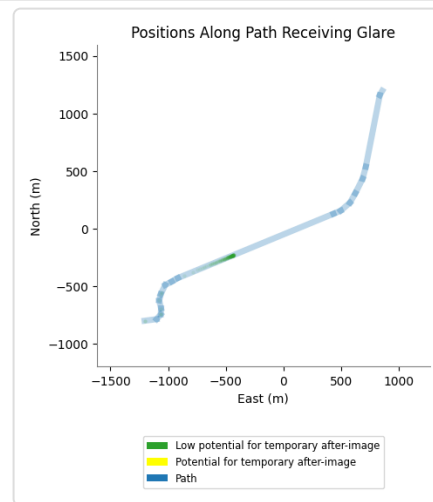
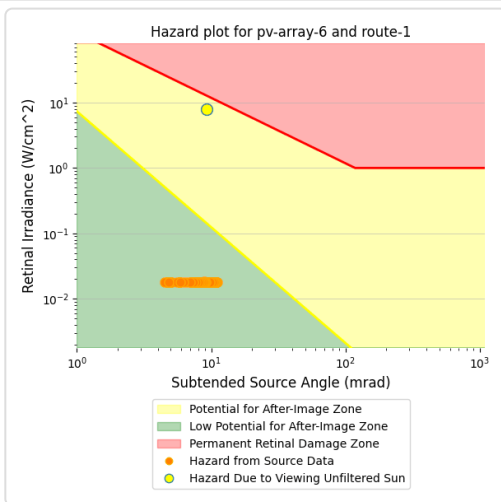
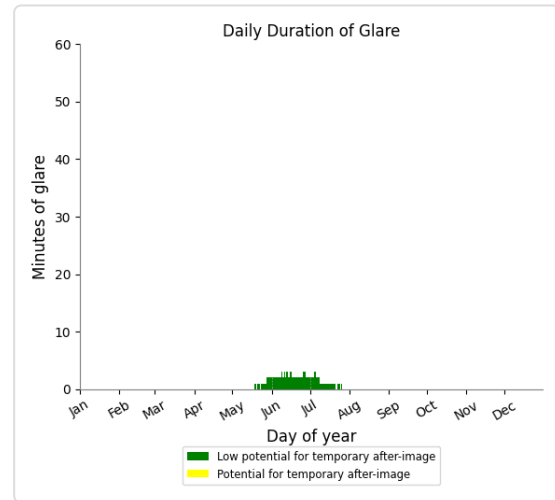
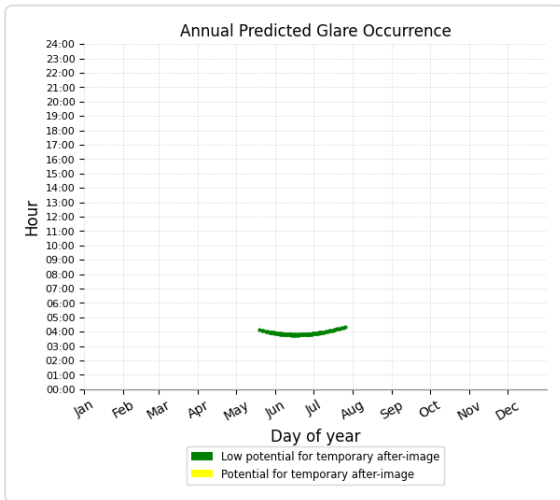
Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
OP 16	0	0.0	0	0.0	0
OP 17	0	0.0	0	0.0	0
OP 18	0	0.0	0	0.0	0
OP 19	0	0.0	0	0.0	0
OP 20	0	0.0	0	0.0	0
OP 21	0	0.0	0	0.0	0
OP 22	0	0.0	0	0.0	0
OP 23	0	0.0	0	0.0	0
OP 24	0	0.0	0	0.0	0
OP 25	0	0.0	0	0.0	0
OP 26	0	0.0	0	0.0	0
OP 28	0	0.0	0	0.0	0
OP 29	0	0.0	0	0.0	0
OP 30	0	0.0	0	0.0	0



PV array 6 and Route: Route 1

Yellow glare: none

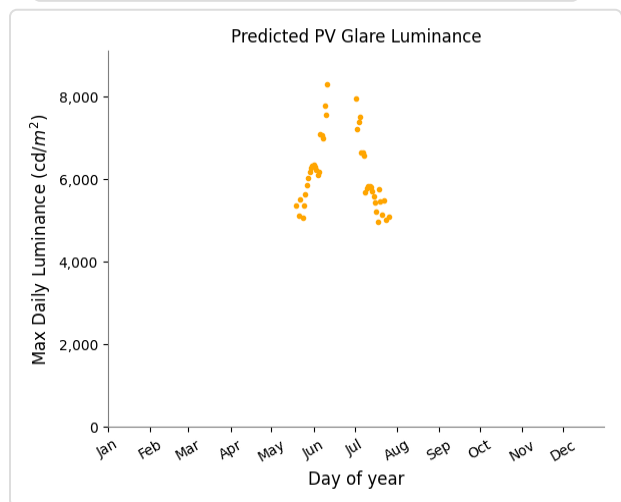
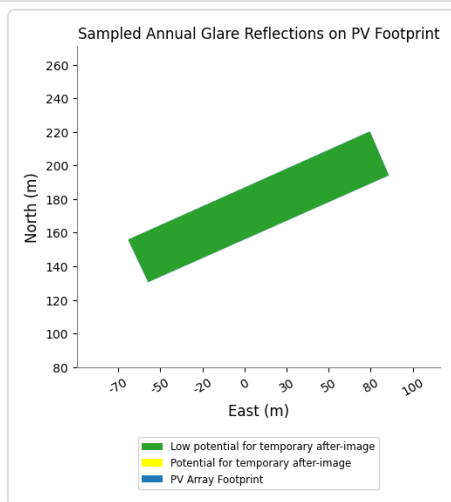
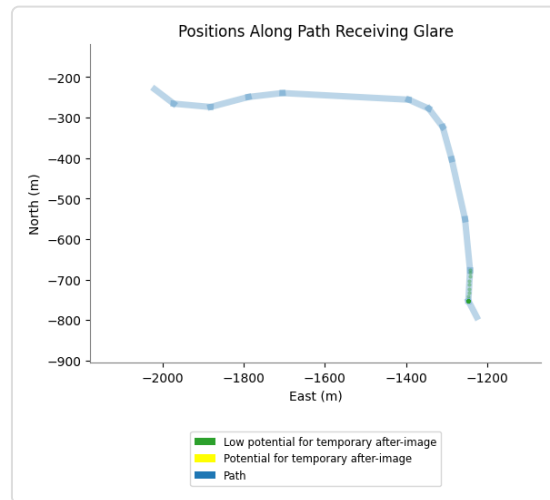
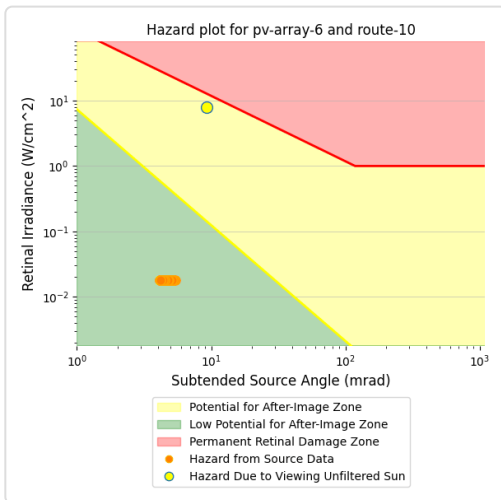
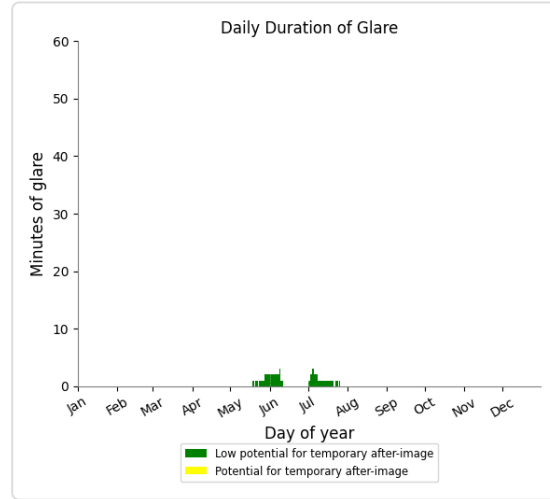
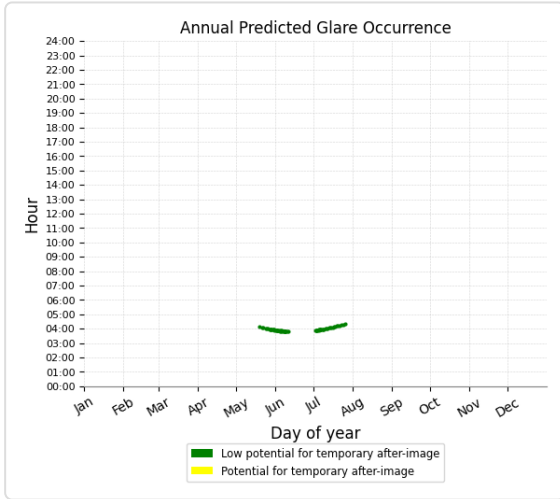
Green glare: 114 min.



PV array 6 and Route: Route 10

Yellow glare: none

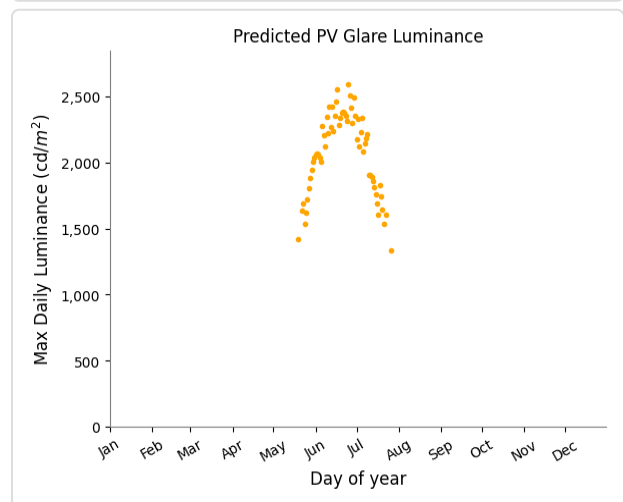
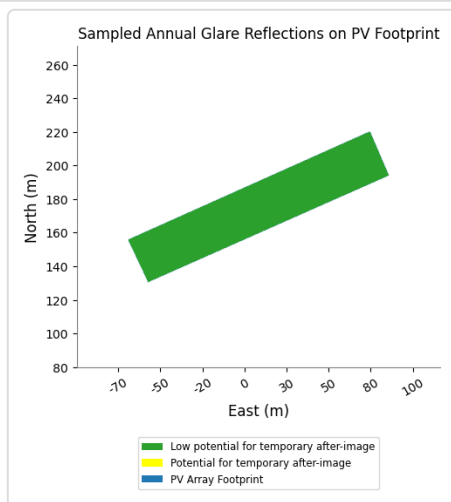
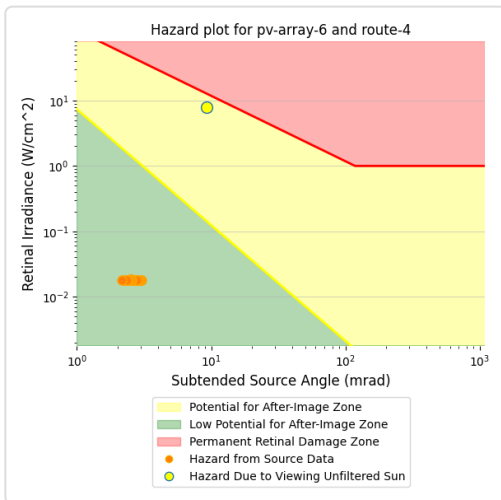
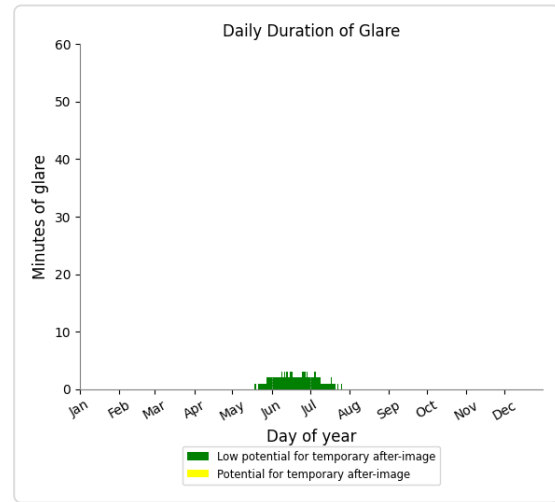
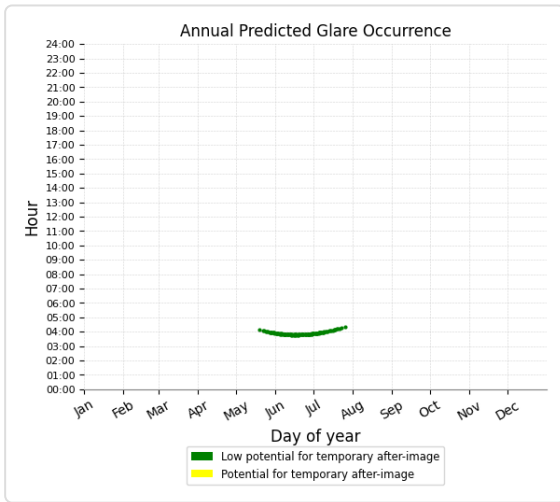
Green glare: 66 min.



PV array 6 and Route: Route 4

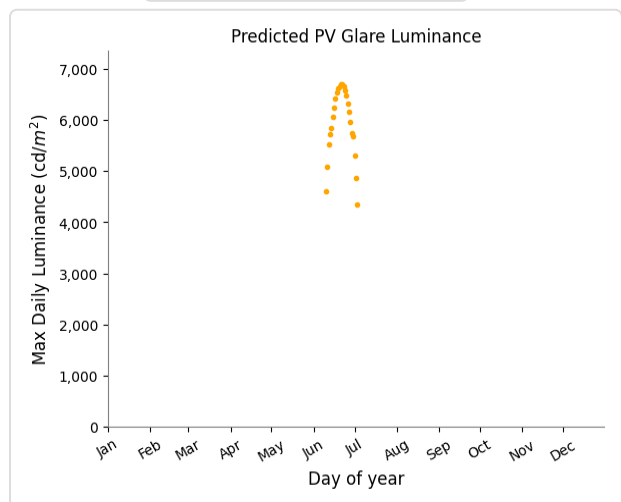
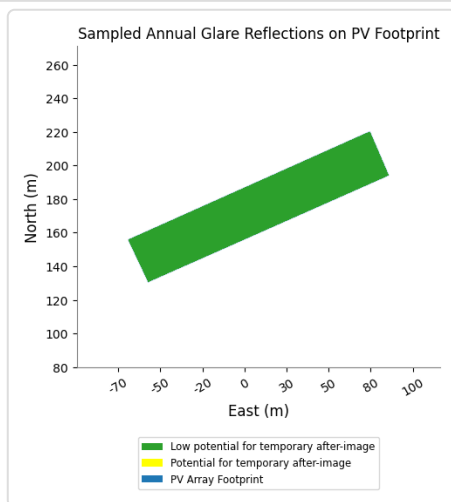
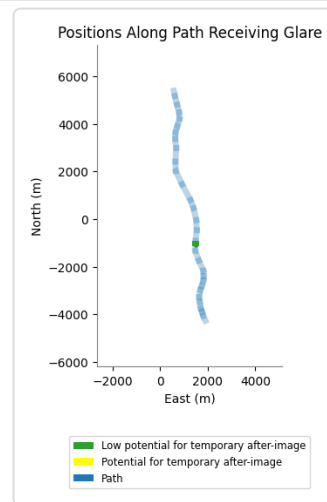
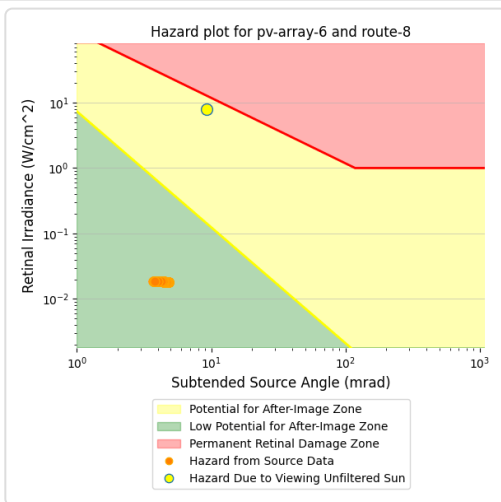
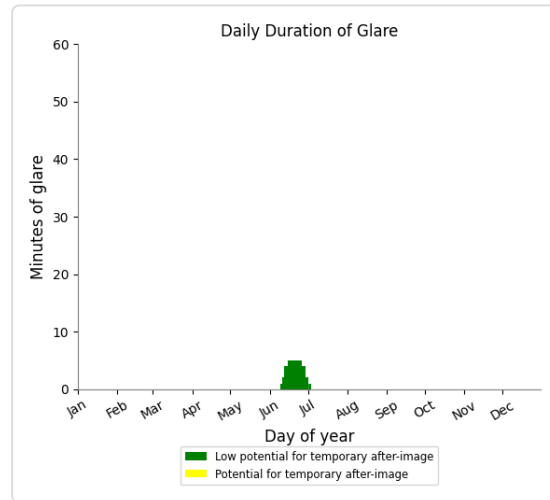
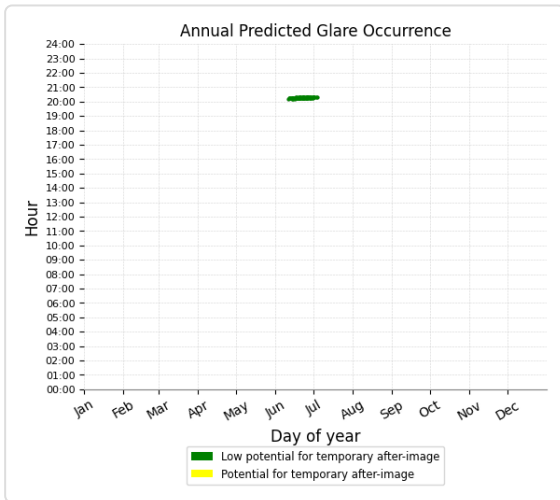
Yellow glare: none

Green glare: 118 min.



PV array 6 and Route: Route 8

Yellow glare: none
Green glare: 90 min.



PV array 6 and Route: Footpath 1

No glare found

PV array 6 and Route: Footpath 2

No glare found

PV array 6 and Route: Footpath 3

No glare found

PV array 6 and Route: Footpath 4

No glare found

PV array 6 and Route: Route 11

No glare found

PV array 6 and Route: Route 12

No glare found

PV array 6 and Route: Route 13

No glare found

PV array 6 and Route: Route 14

No glare found

PV array 6 and Route: Route 15

No glare found

PV array 6 and Route: Route 16

No glare found

PV array 6 and Route: Route 2

No glare found

PV array 6 and Route: Route 3

No glare found

PV array 6 and Route: Route 5

No glare found

PV array 6 and Route: Route 6

No glare found

PV array 6 and Route: Route 7

No glare found

PV array 6 and Route: Route 9

No glare found

PV array 6 and FP: FP 1

No glare found

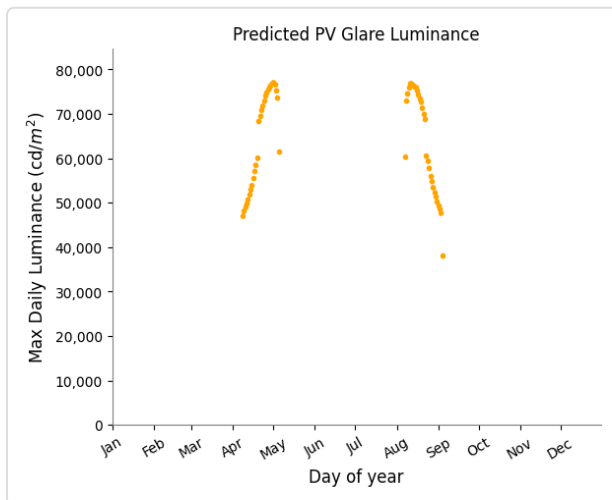
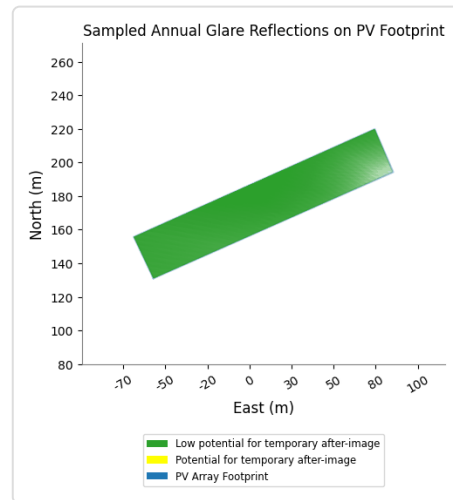
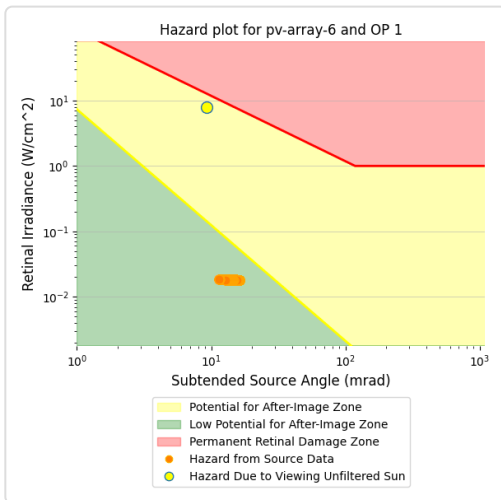
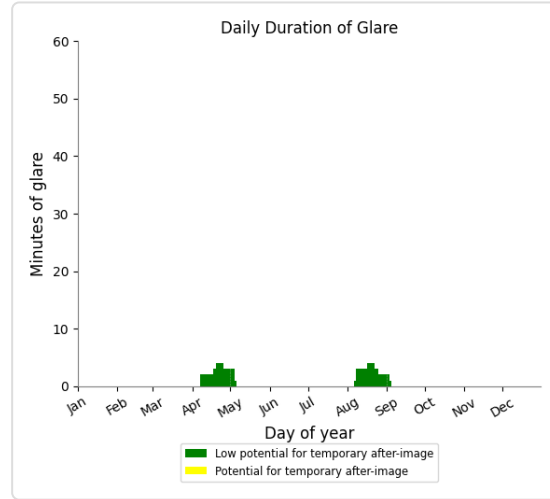
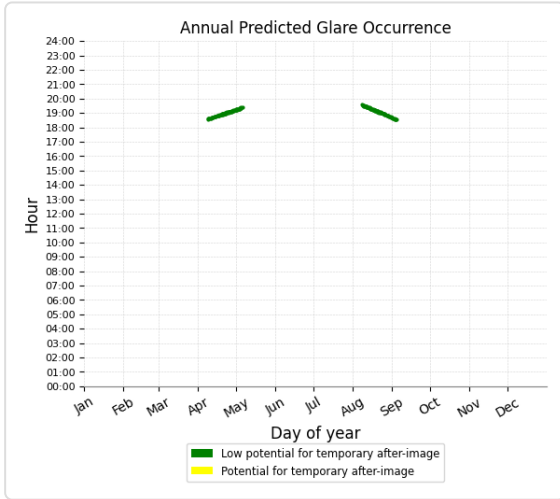
PV array 6 and FP: FP 2

No glare found

PV array 6 and OP 1

Yellow glare: none

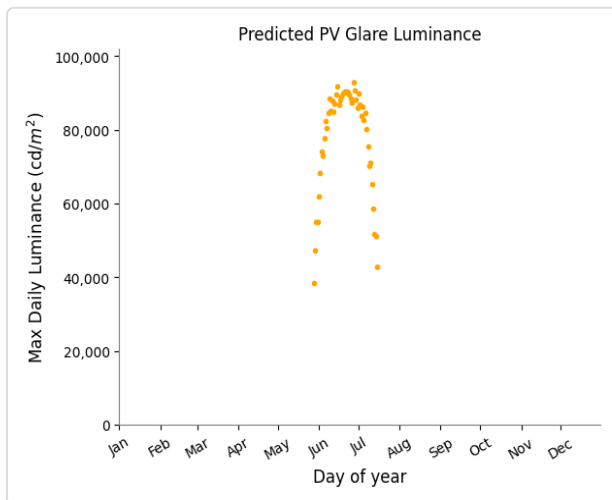
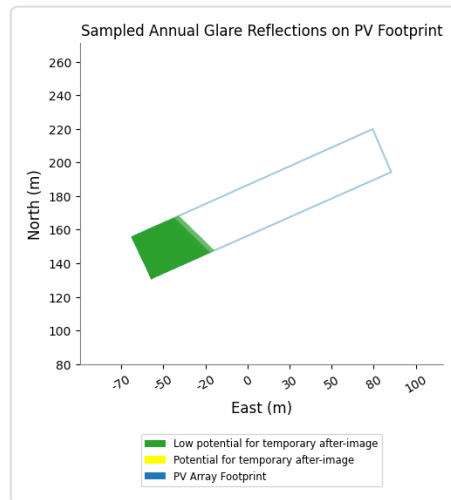
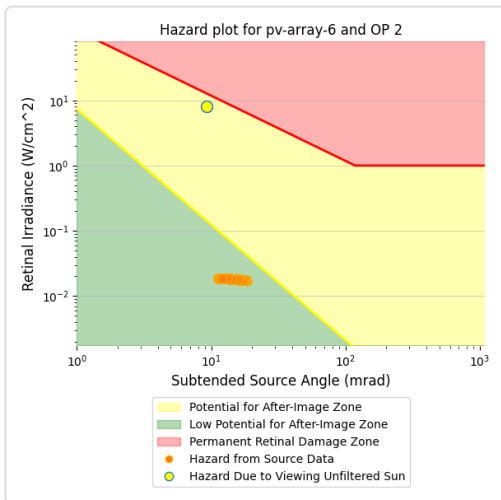
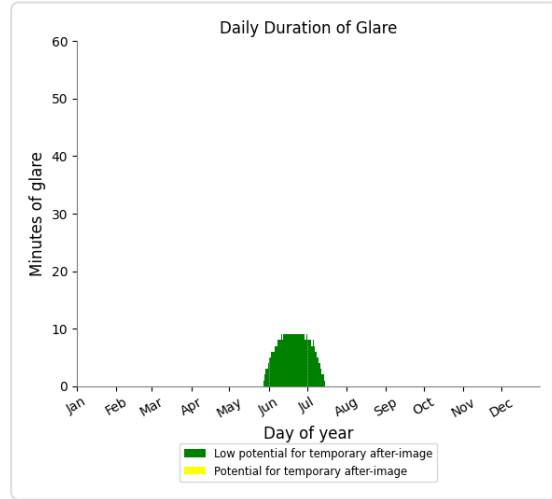
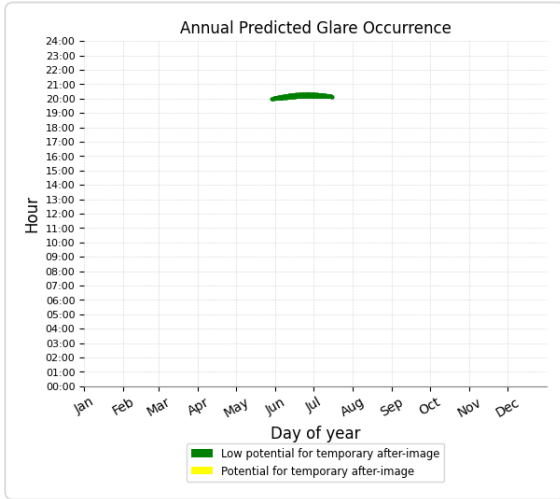
Green glare: 158 min.



PV array 6 and OP 2

Yellow glare: none

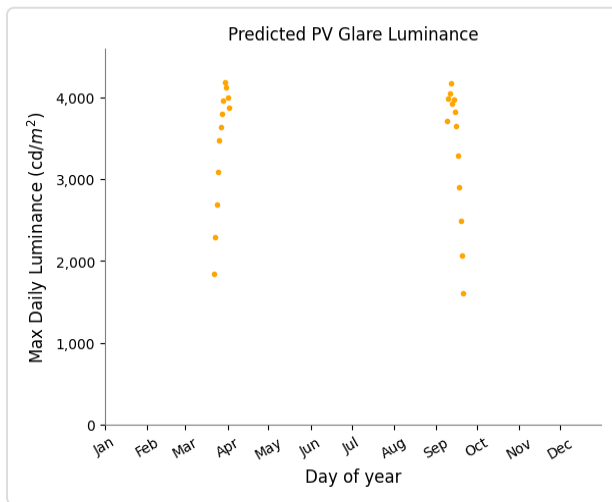
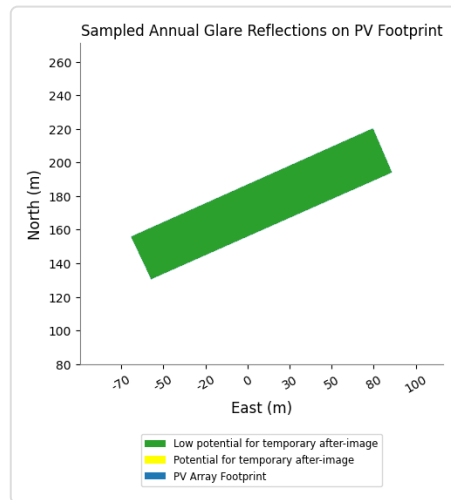
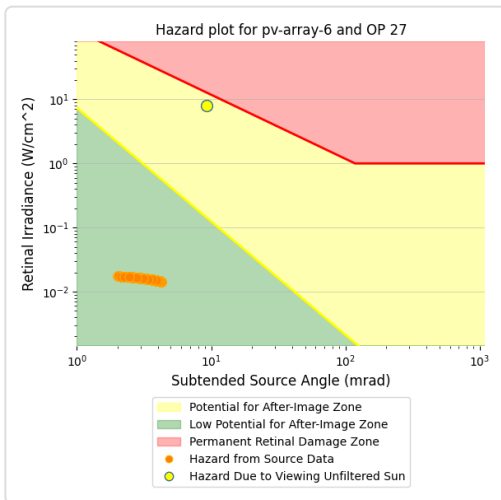
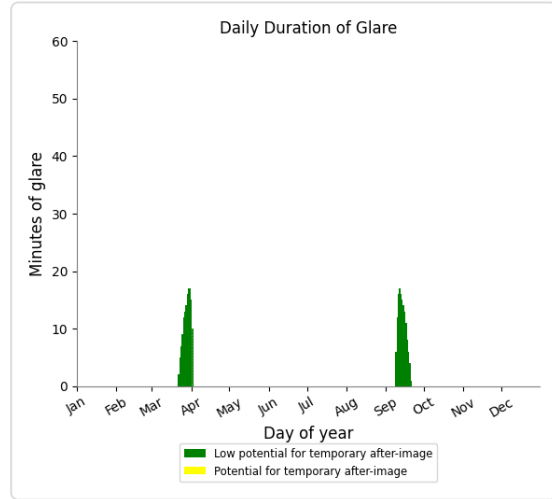
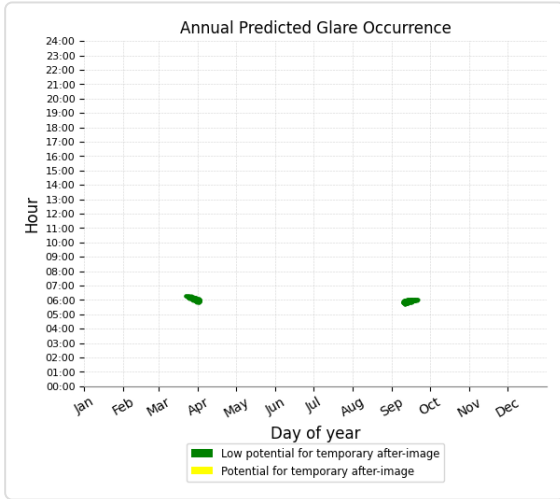
Green glare: 335 min.



PV array 6 and OP 27

Yellow glare: none

Green glare: 276 min.



PV array 6 and OP 3

No glare found

PV array 6 and OP 4

No glare found

PV array 6 and OP 5

No glare found

PV array 6 and OP 6

No glare found

PV array 6 and OP 7

No glare found

PV array 6 and OP 8

No glare found

PV array 6 and OP 9

No glare found

PV array 6 and OP 10

No glare found

PV array 6 and OP 11

No glare found

PV array 6 and OP 12

No glare found

PV array 6 and OP 13

No glare found

PV array 6 and OP 14

No glare found

PV array 6 and OP 15

No glare found

PV array 6 and OP 16

No glare found

PV array 6 and OP 17

No glare found

PV array 6 and OP 18

No glare found

PV array 6 and OP 19

No glare found

PV array 6 and OP 20

No glare found

PV array 6 and OP 21

No glare found

PV array 6 and OP 22

No glare found

PV array 6 and OP 23

No glare found

PV array 6 and OP 24

No glare found

PV array 6 and OP 25

No glare found

PV array 6 and OP 26

No glare found

PV array 6 and OP 28

No glare found

PV array 6 and OP 29

No glare found

PV array 6 and OP 30

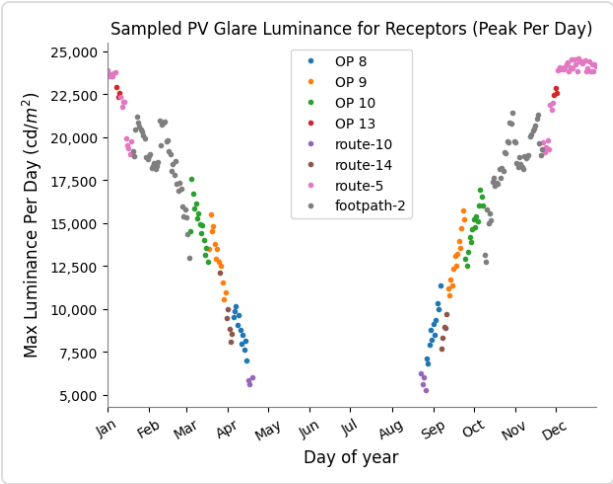
No glare found

PV: PV array 7 low potential for temporary after-image

Receptor results ordered by category of glare

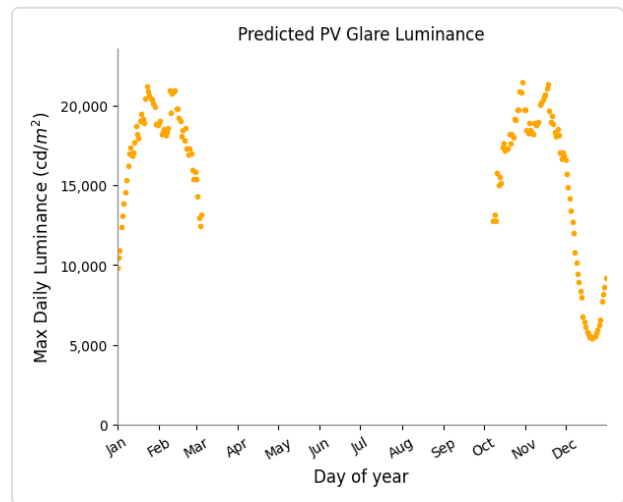
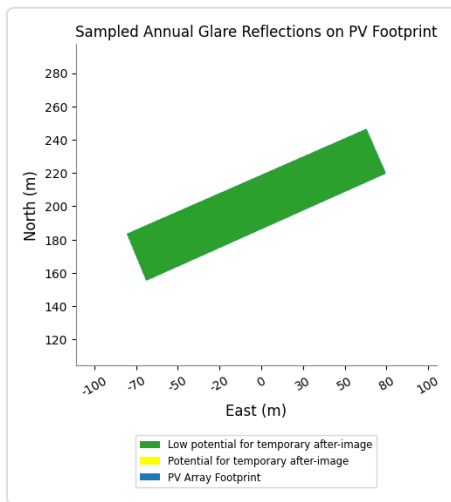
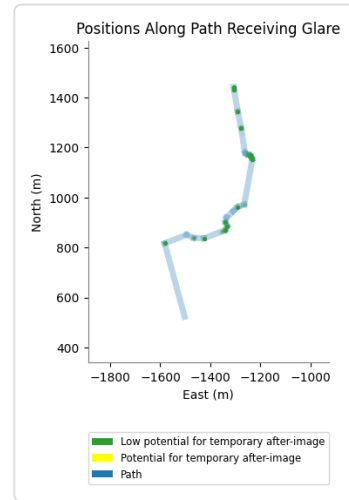
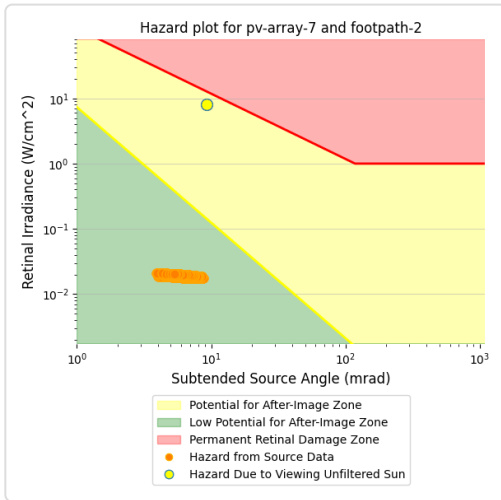
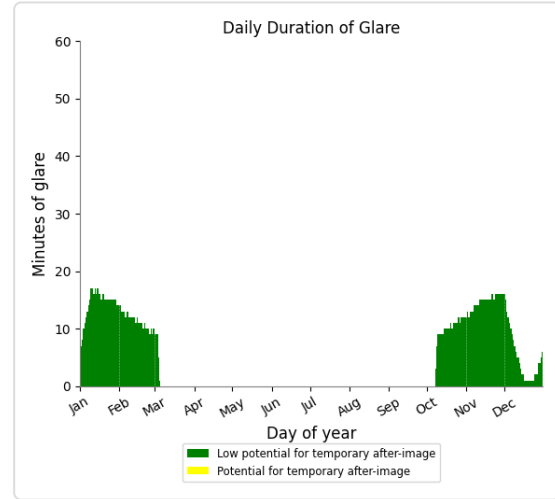
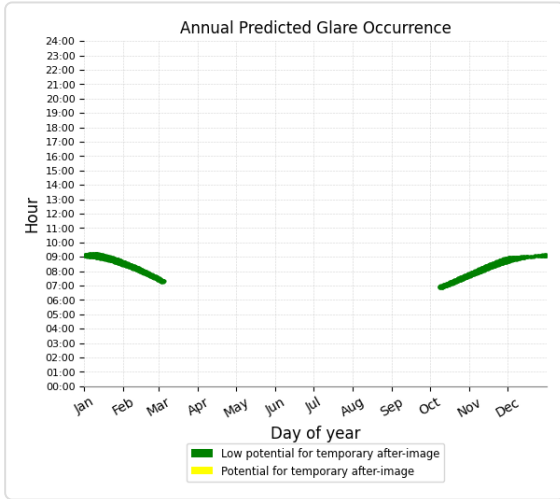
Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
Footpath 2	1,634	27.2	0	0.0	21,438
Route 10	54	0.9	0	0.0	7,444
Route 14	141	2.4	0	0.0	12,114
Route 5	1,750	29.2	0	0.0	24,570
Route 6	818	13.6	0	0.0	14,740
Route 7	2,026	33.8	0	0.0	10,892
Route 9	506	8.4	0	0.0	6,765
Footpath 1	0	0.0	0	0.0	0
Footpath 3	0	0.0	0	0.0	0
Footpath 4	0	0.0	0	0.0	0
Route 1	0	0.0	0	0.0	0
Route 11	0	0.0	0	0.0	0
Route 12	0	0.0	0	0.0	0
Route 13	0	0.0	0	0.0	0
Route 15	0	0.0	0	0.0	0
Route 16	0	0.0	0	0.0	0
Route 2	0	0.0	0	0.0	0
Route 3	0	0.0	0	0.0	0
Route 4	0	0.0	0	0.0	0
Route 8	0	0.0	0	0.0	0
FP 1	0	0.0	0	0.0	0
FP 2	0	0.0	0	0.0	0
OP 8	49	0.8	0	0.0	11,340
OP 9	137	2.3	0	0.0	15,757
OP 10	210	3.5	0	0.0	17,560
OP 13	539	9.0	0	0.0	23,874
OP 14	487	8.1	0	0.0	9,074
OP 15	165	2.8	0	0.0	7,677
OP 23	806	13.4	0	0.0	4,985
OP 26	203	3.4	0	0.0	3,136
OP 27	292	4.9	0	0.0	5,885
OP 1	0	0.0	0	0.0	0
OP 2	0	0.0	0	0.0	0
OP 3	0	0.0	0	0.0	0
OP 4	0	0.0	0	0.0	0
OP 5	0	0.0	0	0.0	0
OP 6	0	0.0	0	0.0	0
OP 7	0	0.0	0	0.0	0

Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
OP 11	0	0.0	0	0.0	0
OP 12	0	0.0	0	0.0	0
OP 16	0	0.0	0	0.0	0
OP 17	0	0.0	0	0.0	0
OP 18	0	0.0	0	0.0	0
OP 19	0	0.0	0	0.0	0
OP 20	0	0.0	0	0.0	0
OP 21	0	0.0	0	0.0	0
OP 22	0	0.0	0	0.0	0
OP 24	0	0.0	0	0.0	0
OP 25	0	0.0	0	0.0	0
OP 28	0	0.0	0	0.0	0
OP 29	0	0.0	0	0.0	0
OP 30	0	0.0	0	0.0	0



PV array 7 and Route: Footpath 2

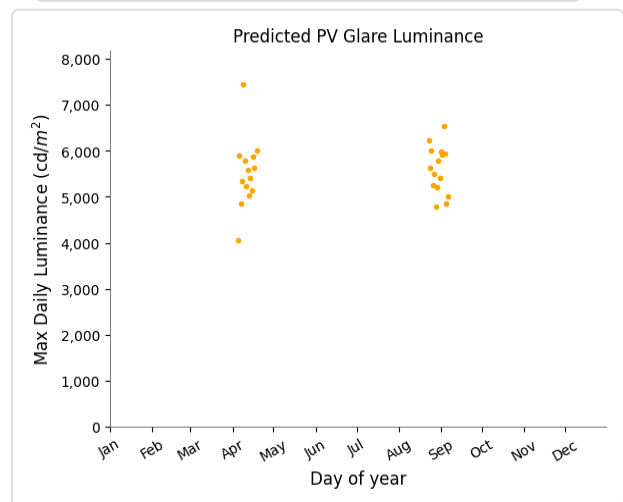
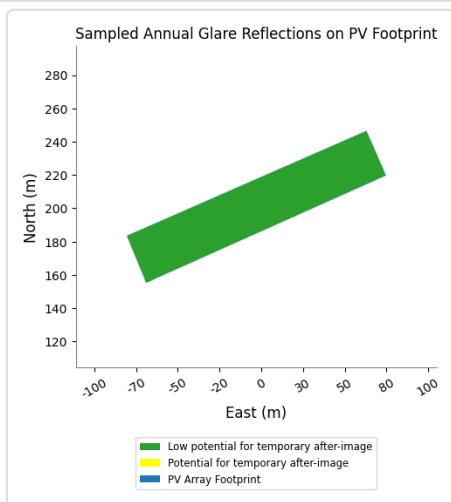
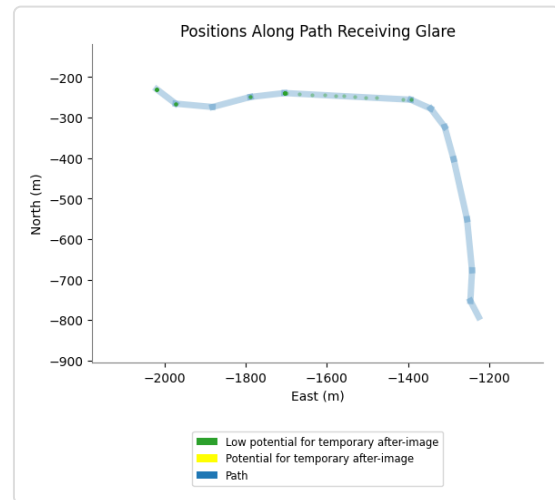
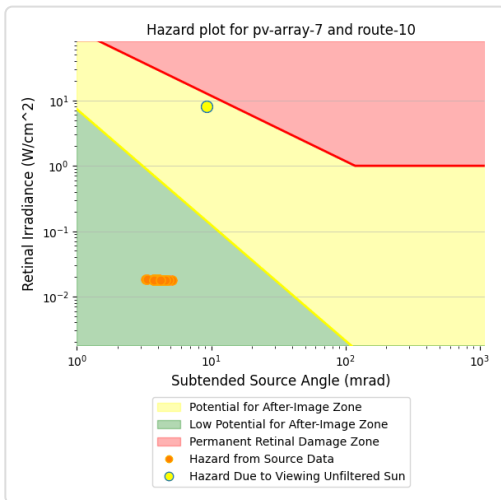
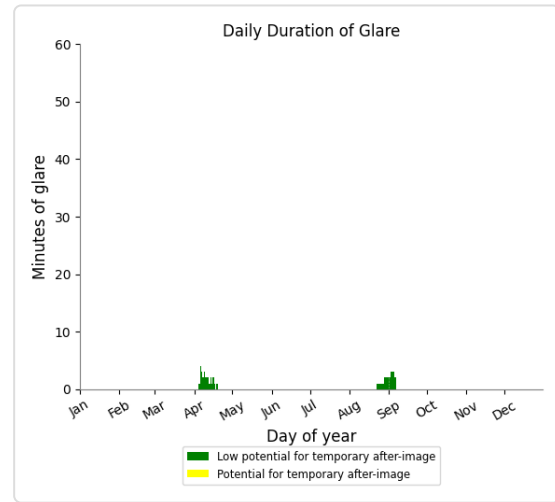
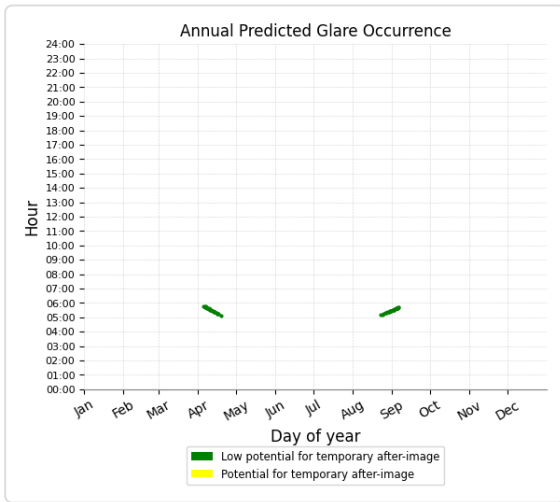
Yellow glare: none
 Green glare: 1,634 min.



PV array 7 and Route: Route 10

Yellow glare: none

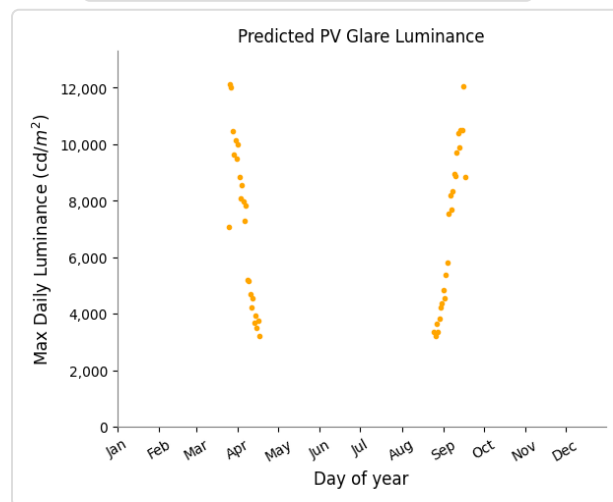
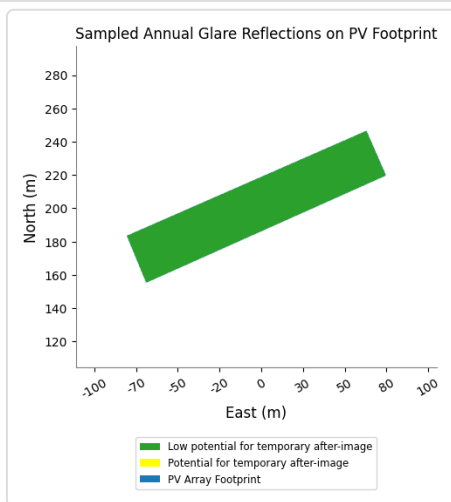
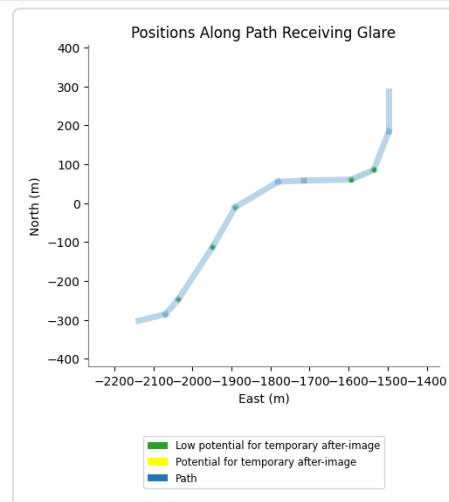
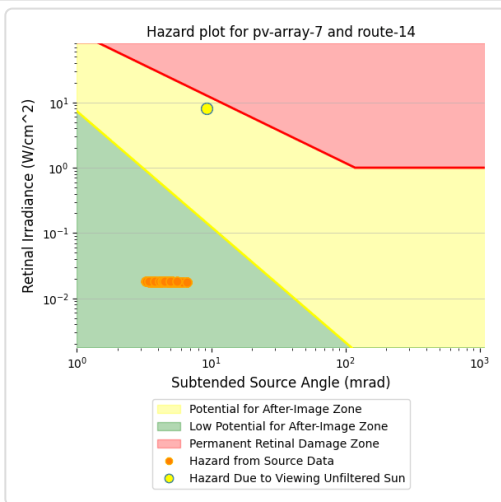
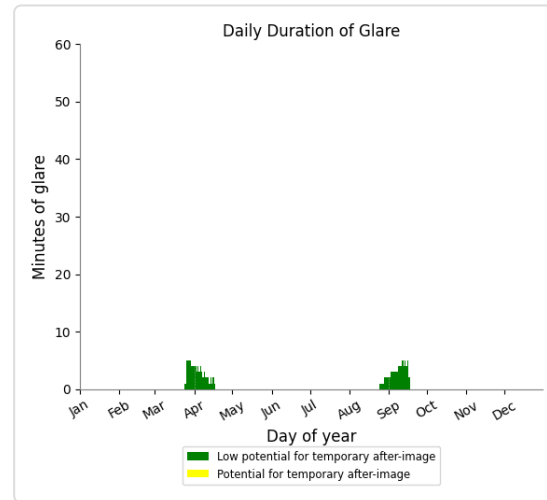
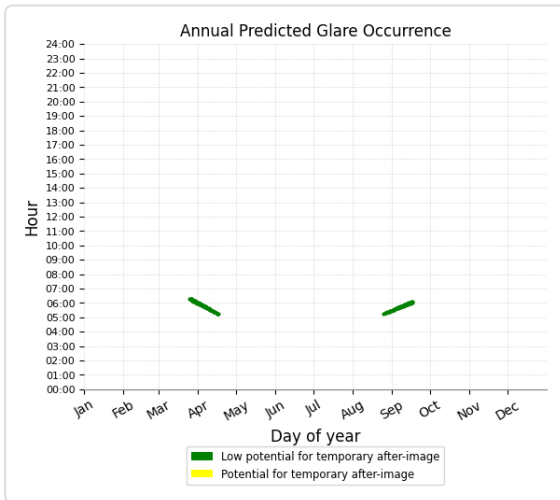
Green glare: 54 min.



PV array 7 and Route: Route 14

Yellow glare: none

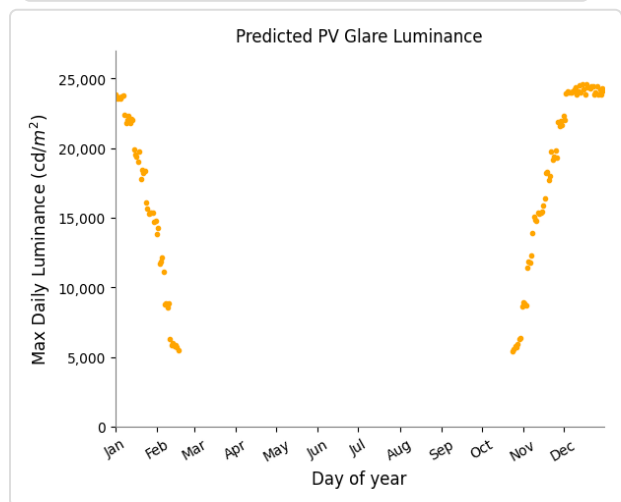
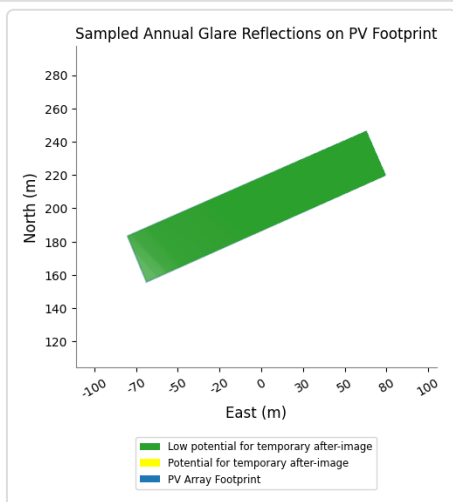
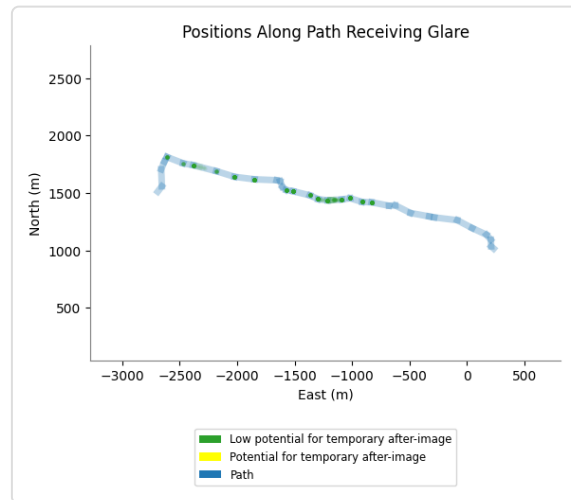
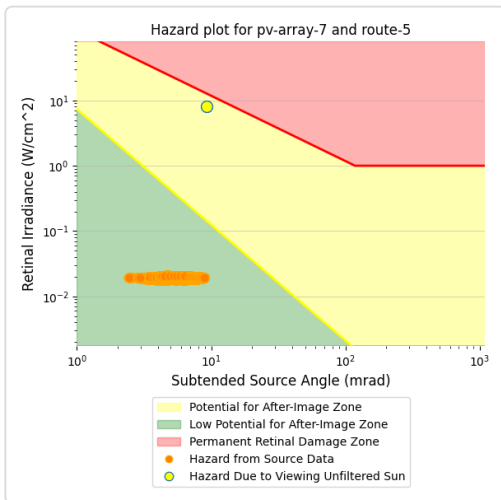
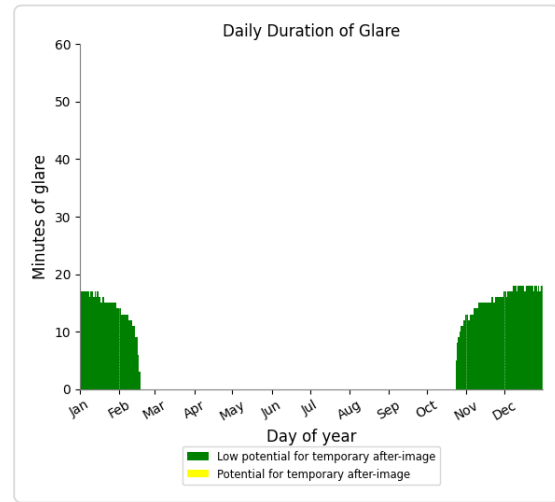
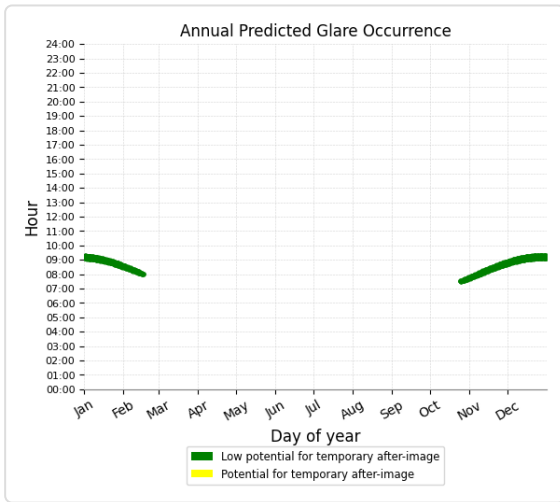
Green glare: 141 min.



PV array 7 and Route: Route 5

Yellow glare: none

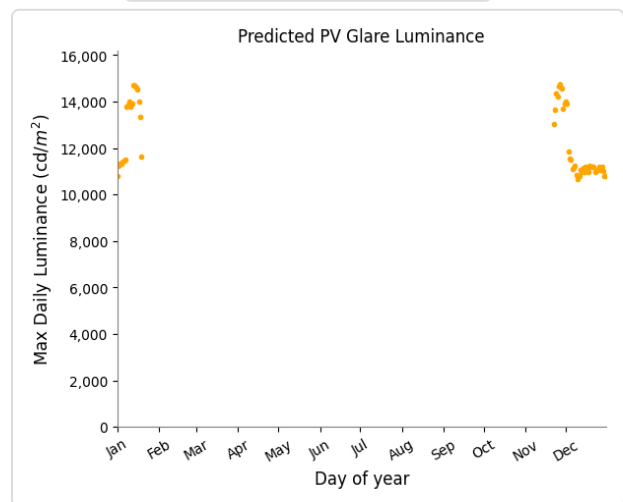
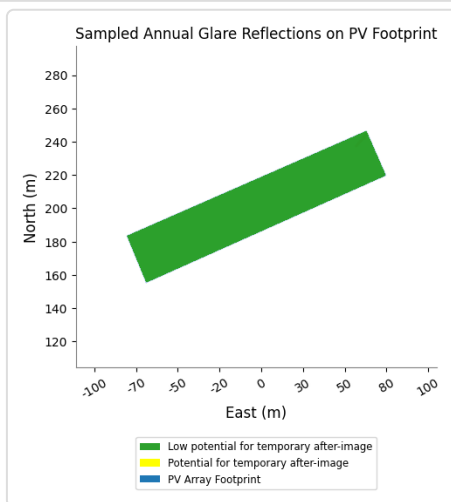
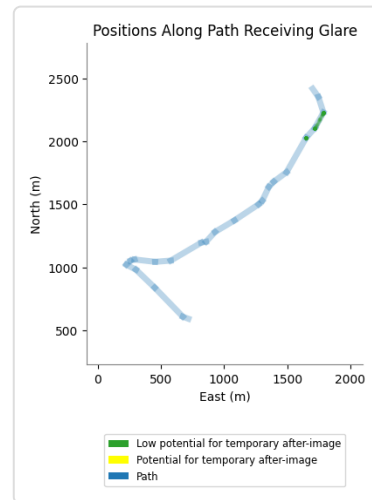
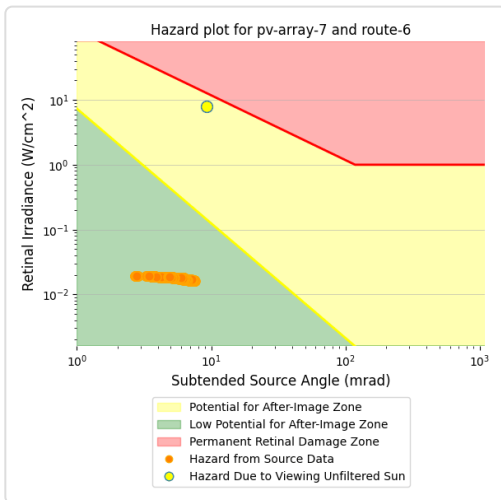
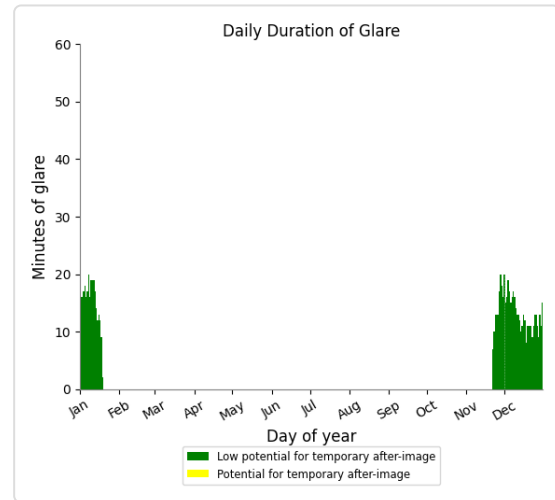
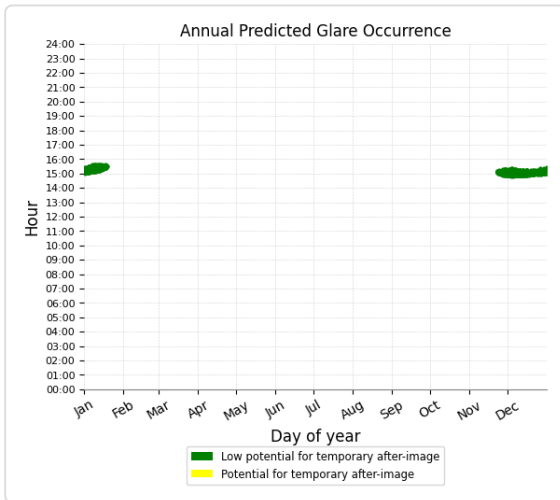
Green glare: 1,750 min.



PV array 7 and Route: Route 6

Yellow glare: none

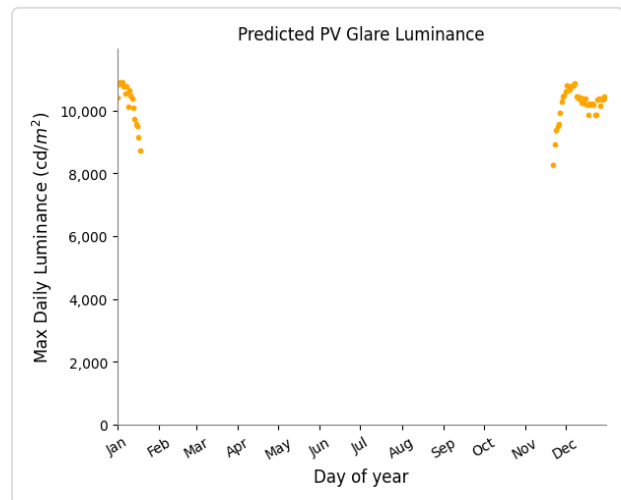
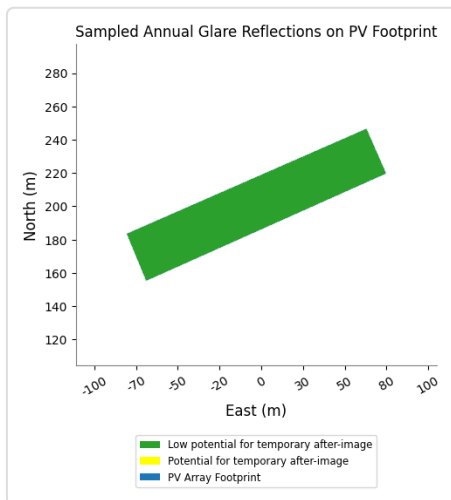
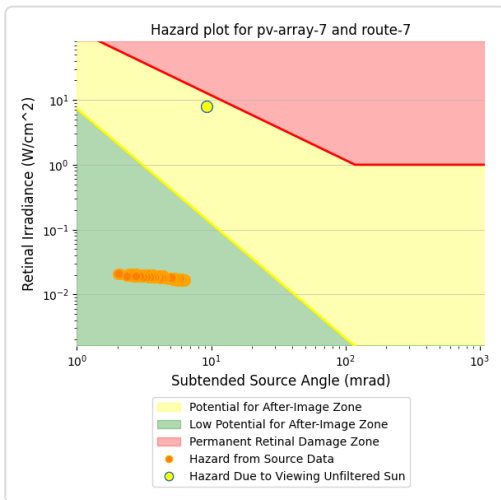
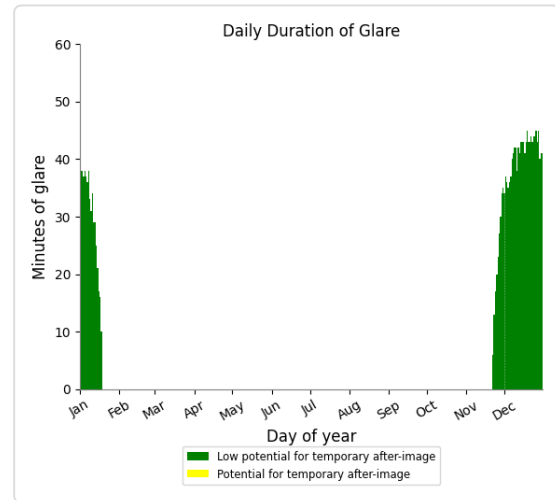
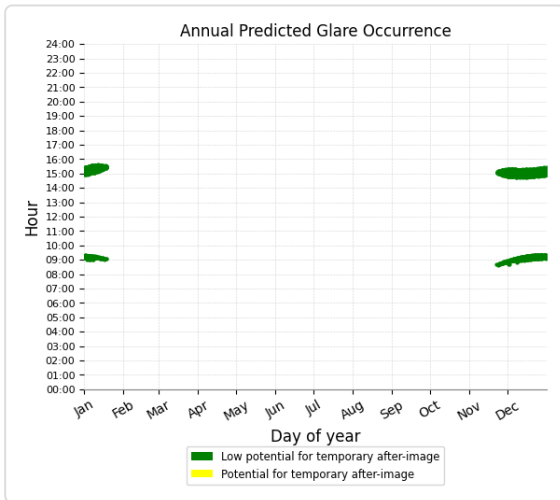
Green glare: 818 min.



PV array 7 and Route: Route 7

Yellow glare: none

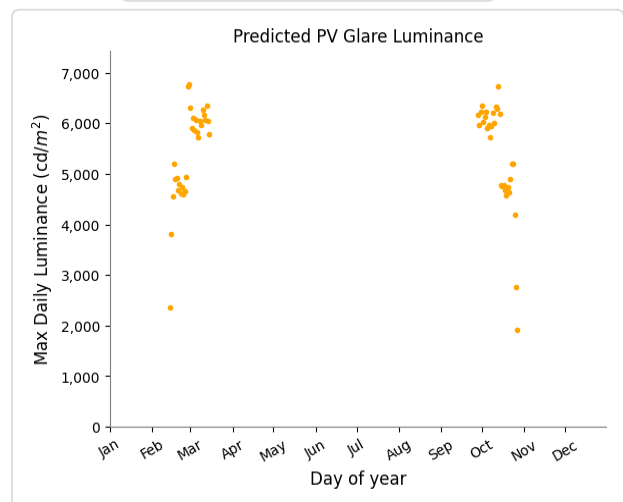
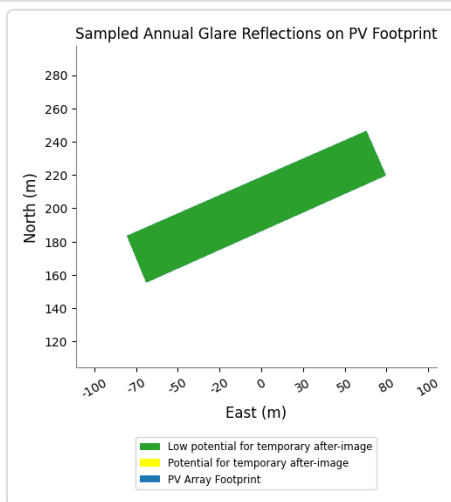
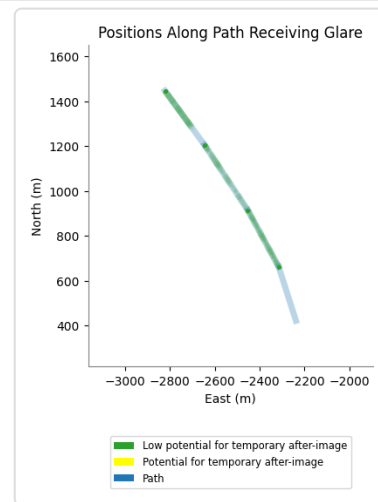
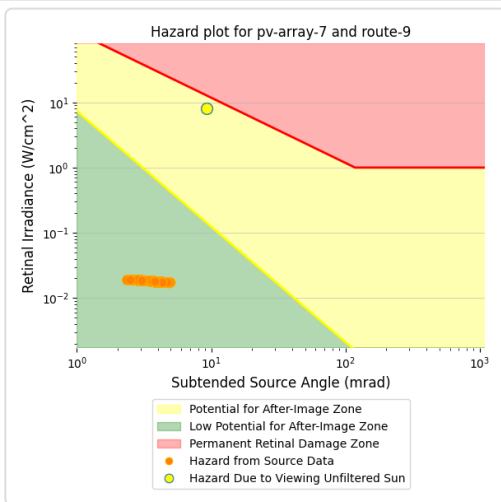
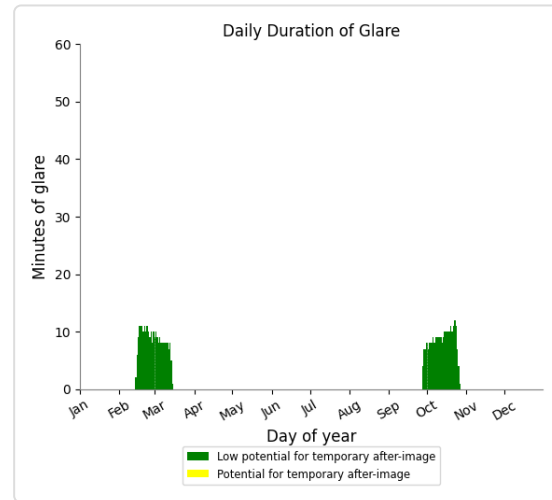
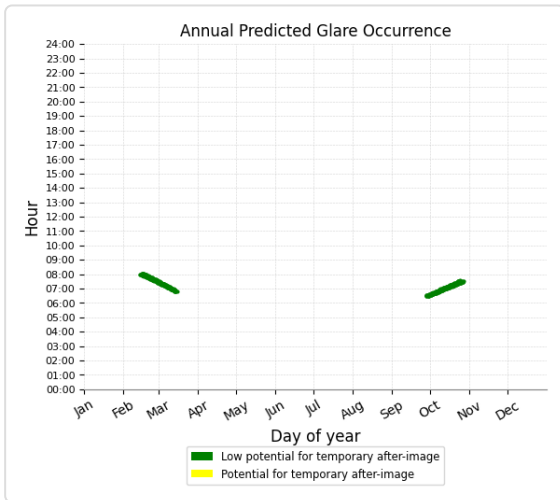
Green glare: 2,026 min.



PV array 7 and Route: Route 9

Yellow glare: none

Green glare: 506 min.



PV array 7 and Route: Footpath 1

No glare found

PV array 7 and Route: Footpath 3

No glare found

PV array 7 and Route: Footpath 4

No glare found

PV array 7 and Route: Route 1

No glare found

PV array 7 and Route: Route 11

No glare found

PV array 7 and Route: Route 12

No glare found

PV array 7 and Route: Route 13

No glare found

PV array 7 and Route: Route 15

No glare found

PV array 7 and Route: Route 16

No glare found

PV array 7 and Route: Route 2

No glare found

PV array 7 and Route: Route 3

No glare found

PV array 7 and Route: Route 4

No glare found

PV array 7 and Route: Route 8

No glare found

PV array 7 and FP: FP 1

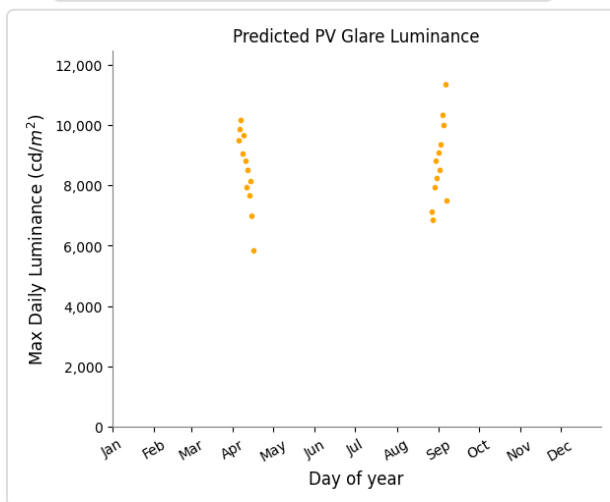
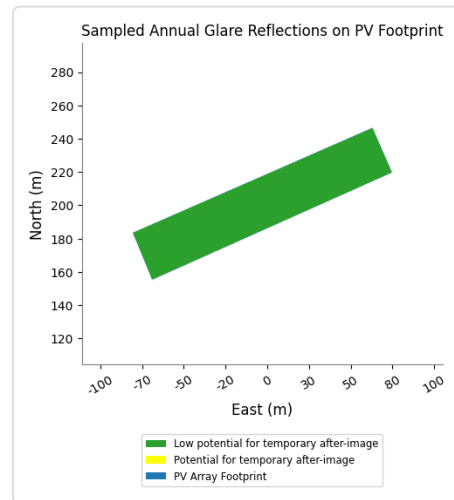
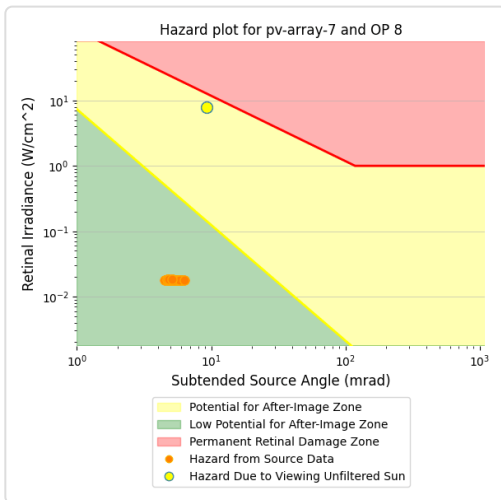
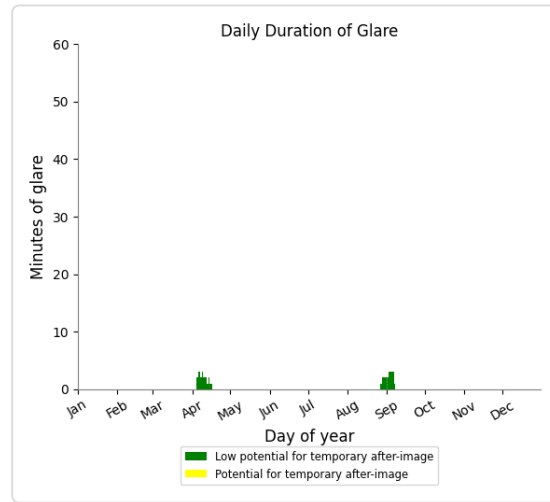
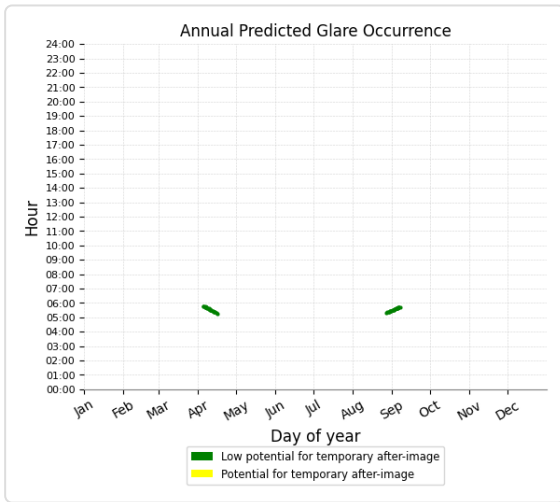
No glare found

PV array 7 and FP: FP 2

No glare found

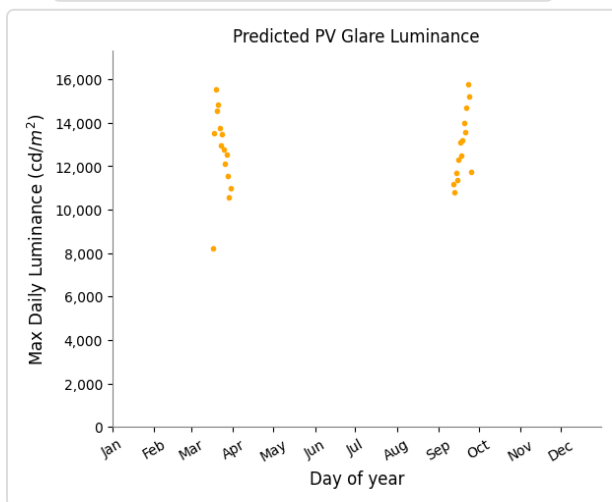
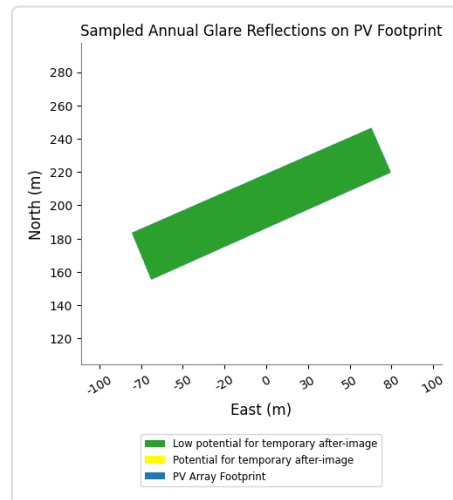
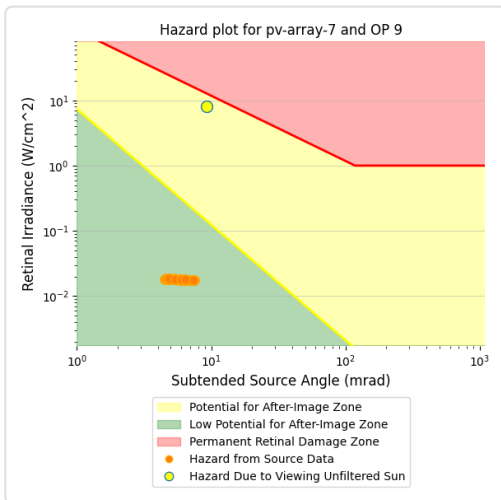
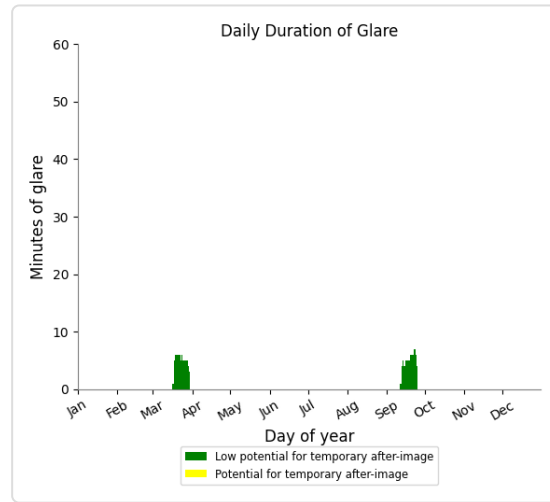
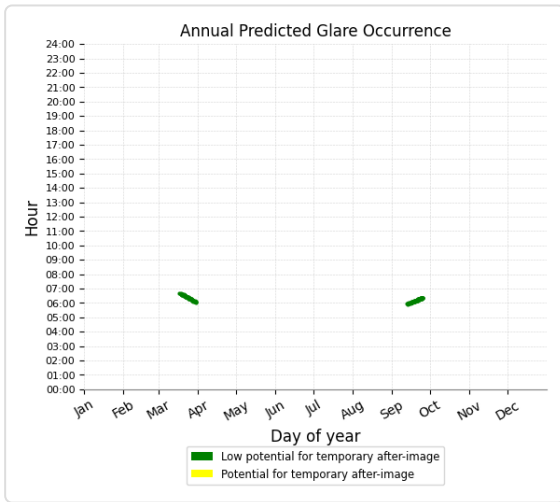
PV array 7 and OP 8

Yellow glare: none
 Green glare: 49 min.



PV array 7 and OP 9

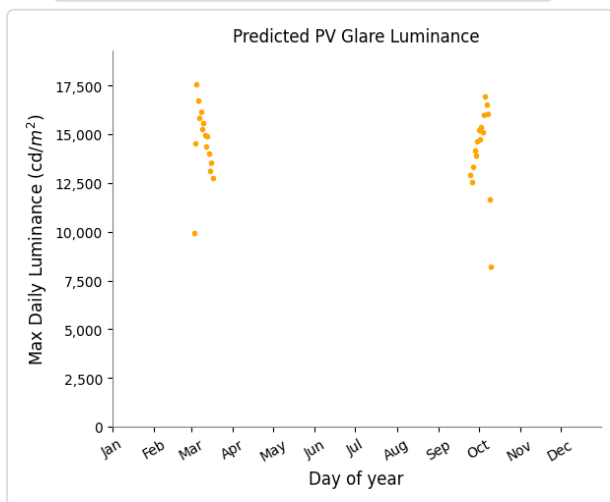
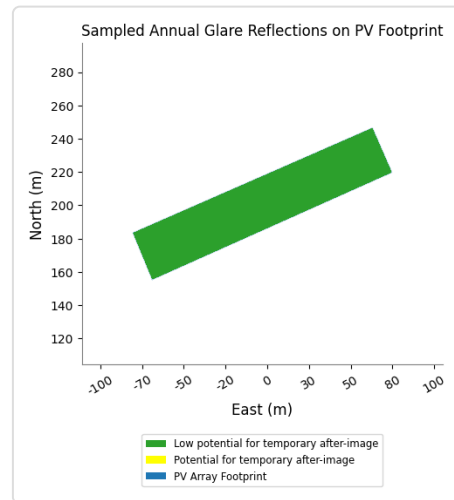
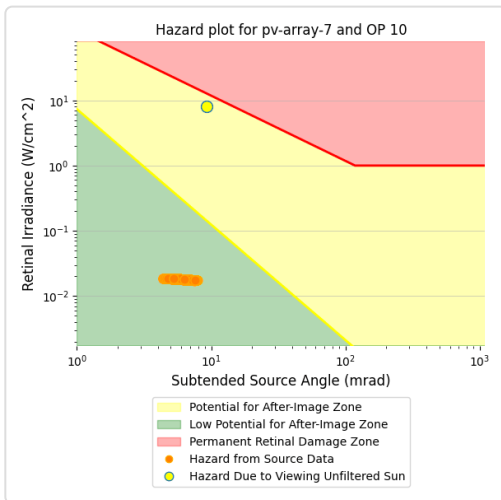
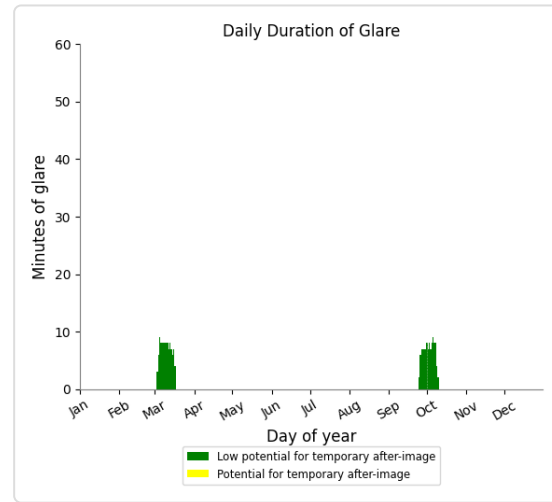
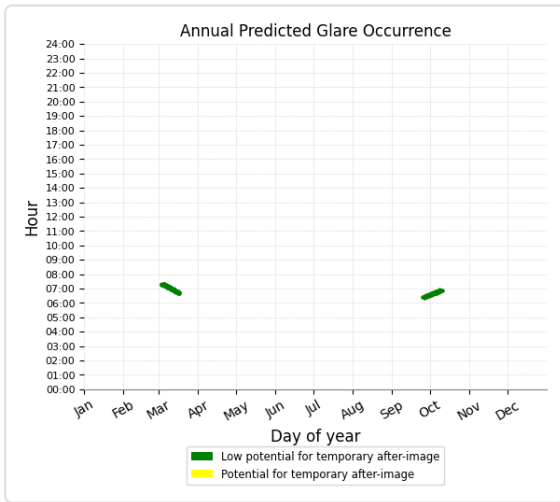
Yellow glare: none
 Green glare: 137 min.



PV array 7 and OP 10

Yellow glare: none

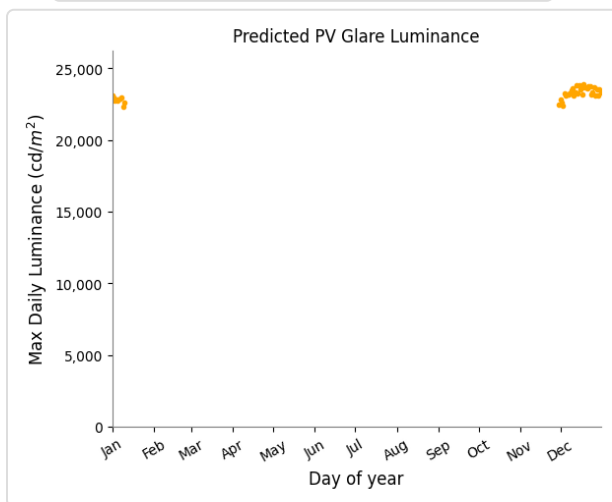
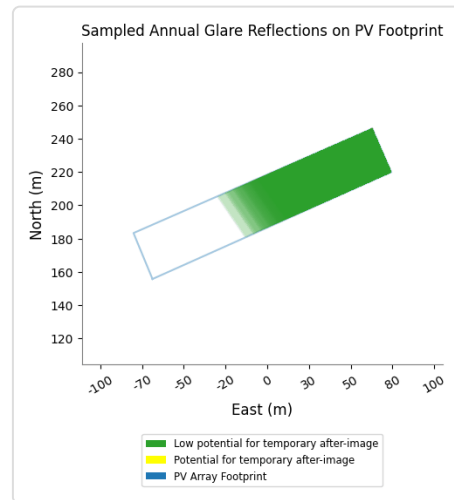
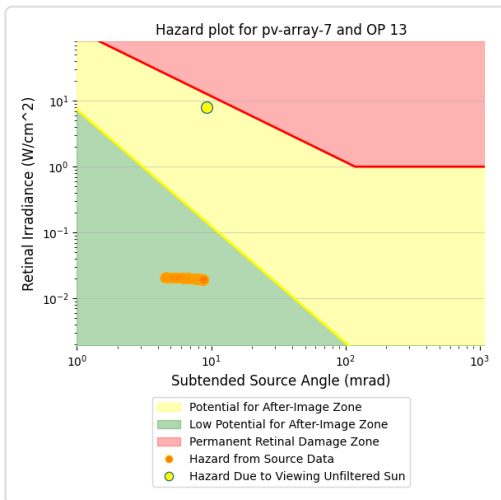
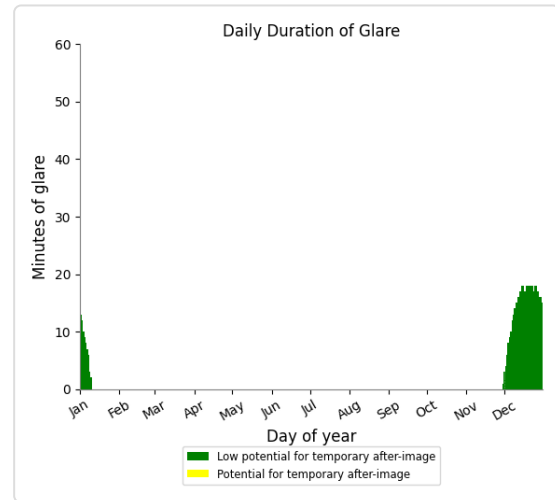
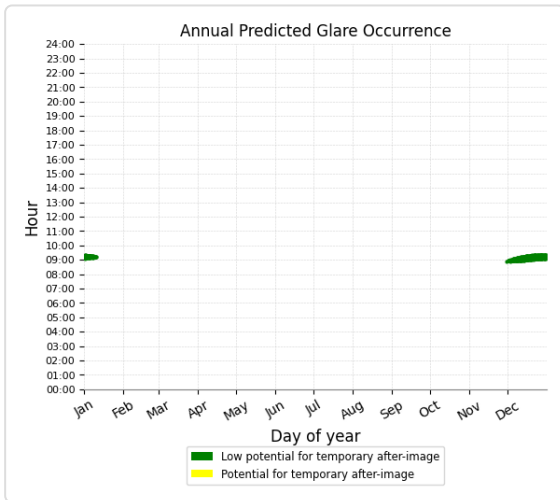
Green glare: 210 min.



PV array 7 and OP 13

Yellow glare: none

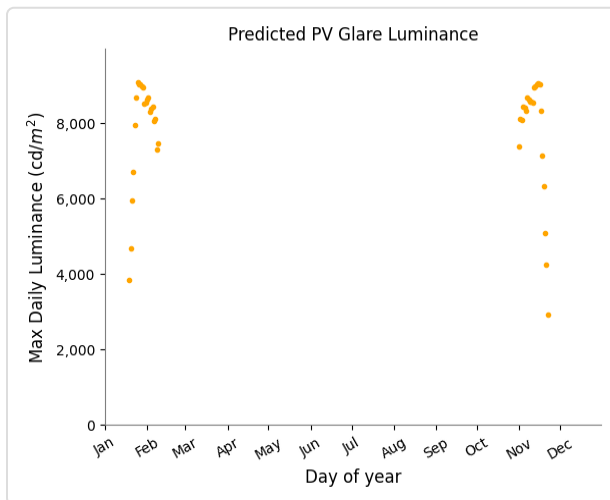
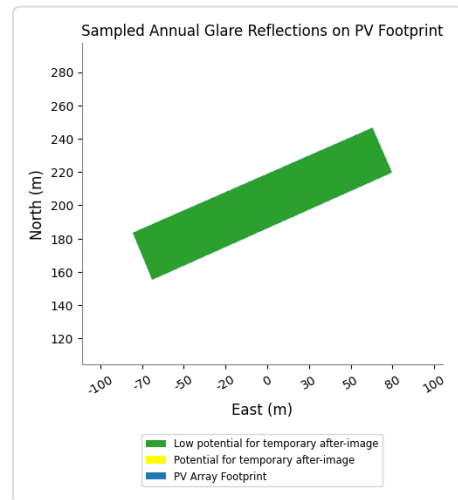
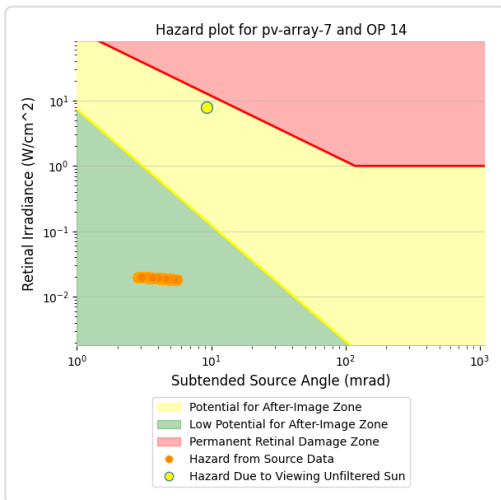
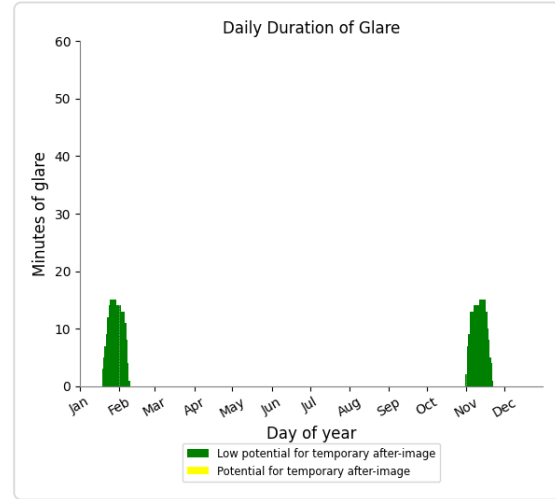
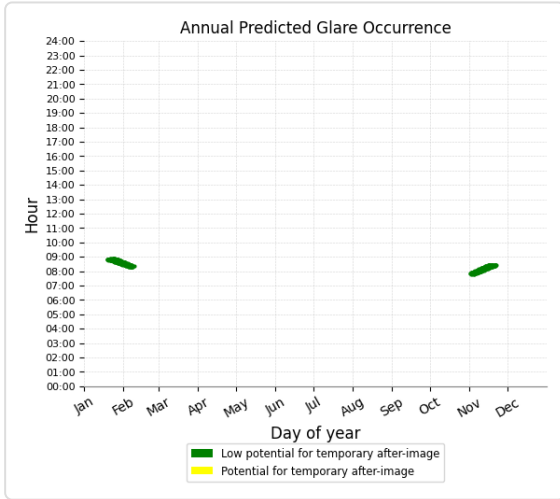
Green glare: 539 min.



PV array 7 and OP 14

Yellow glare: none

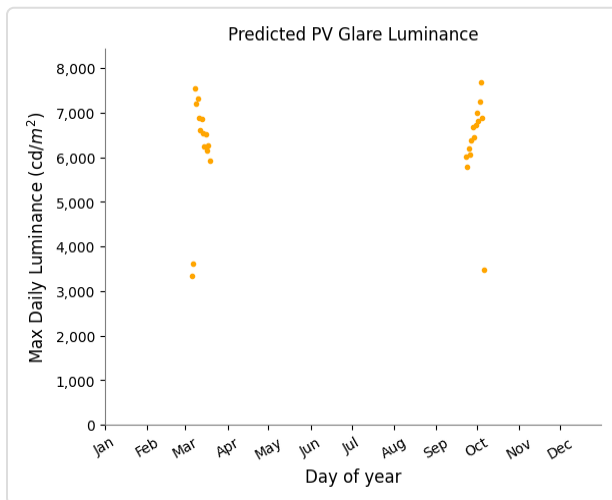
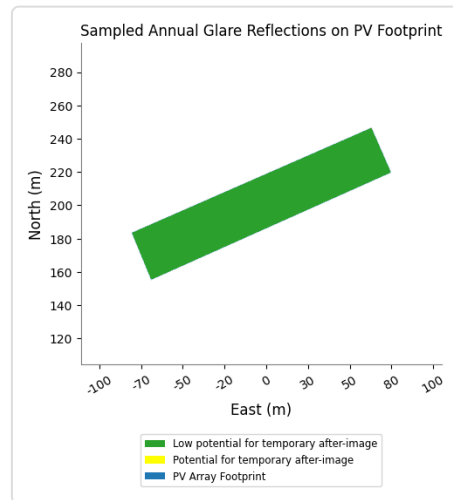
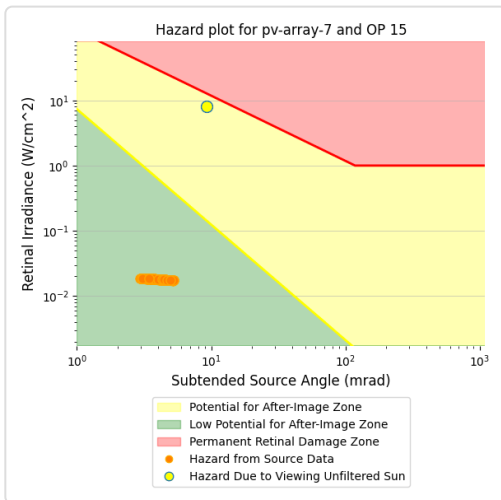
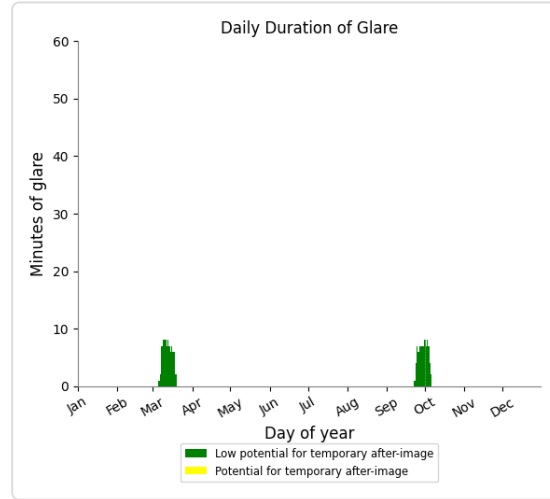
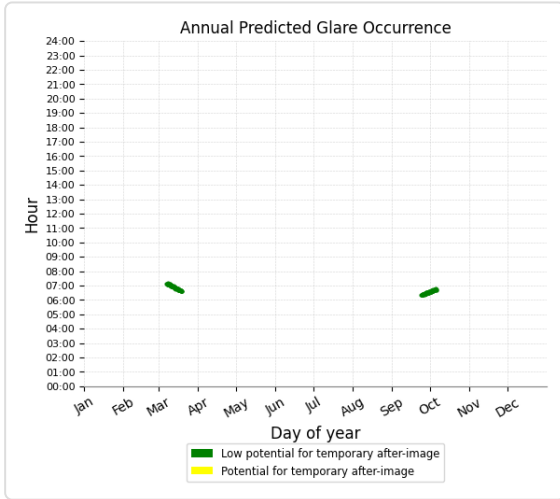
Green glare: 487 min.



PV array 7 and OP 15

Yellow glare: none

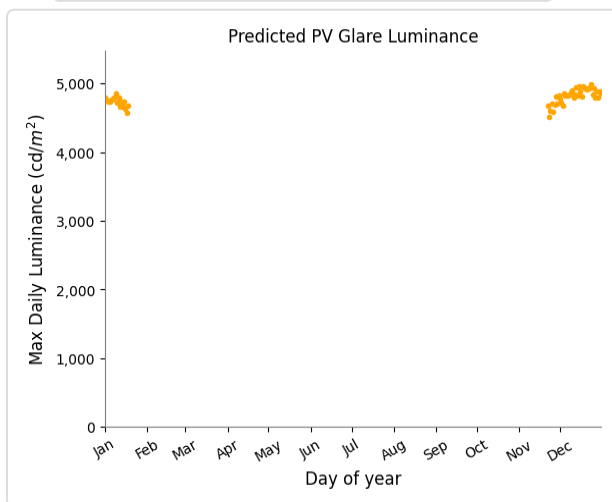
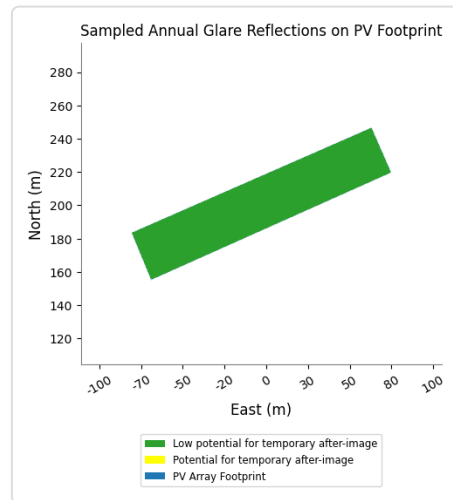
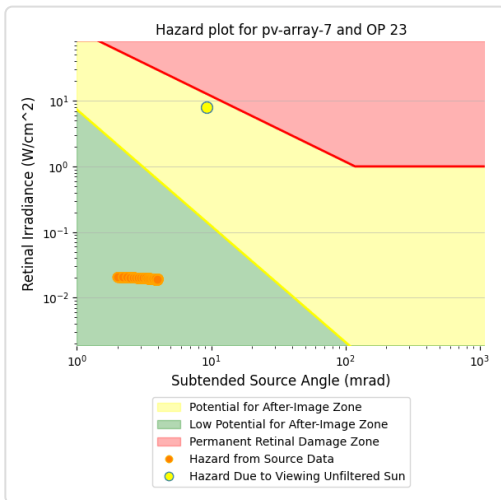
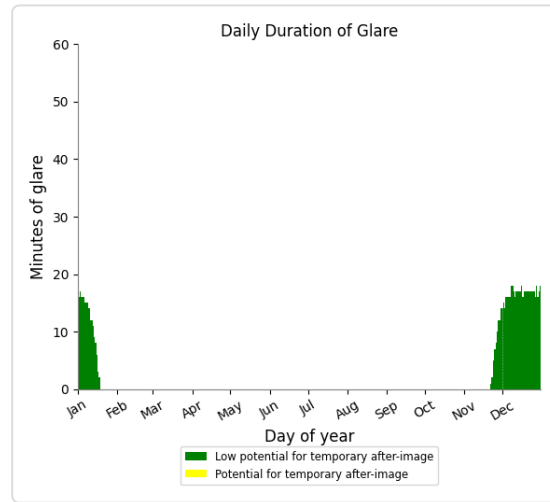
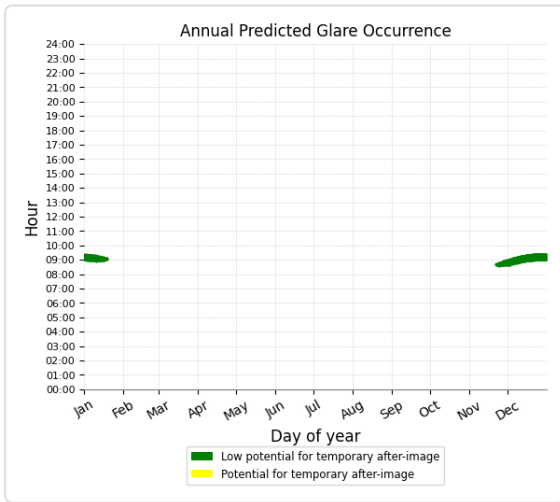
Green glare: 165 min.



PV array 7 and OP 23

Yellow glare: none

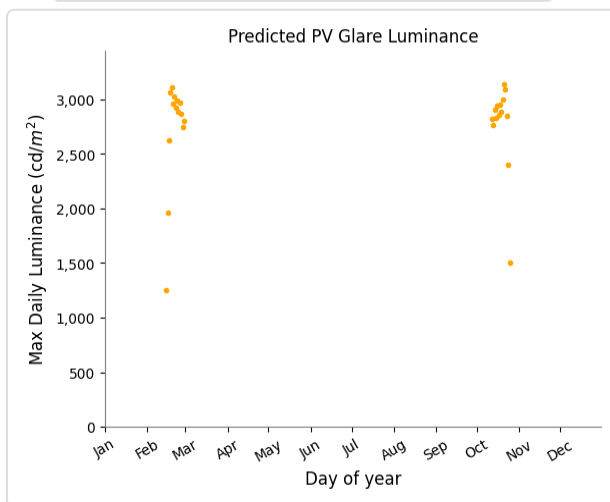
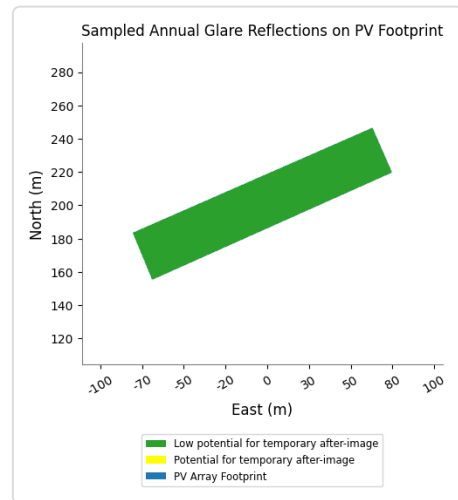
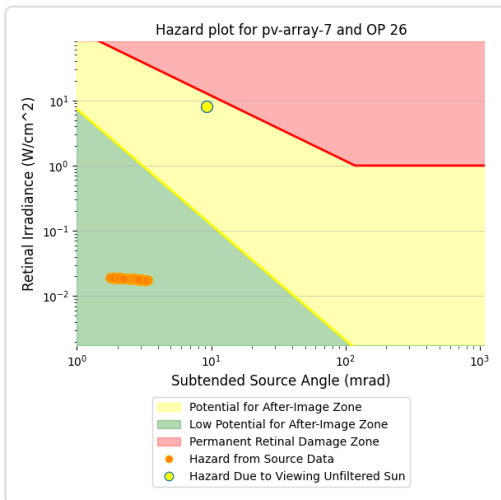
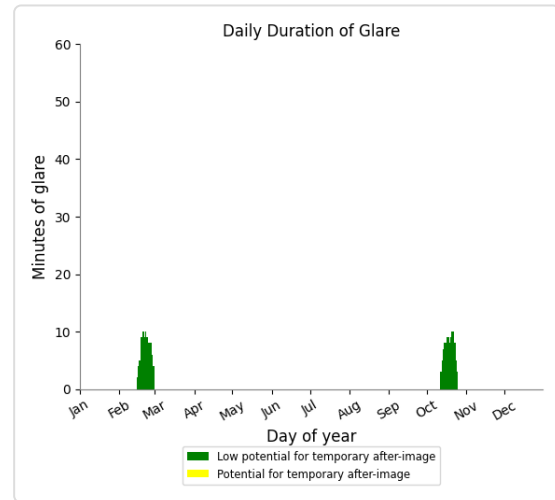
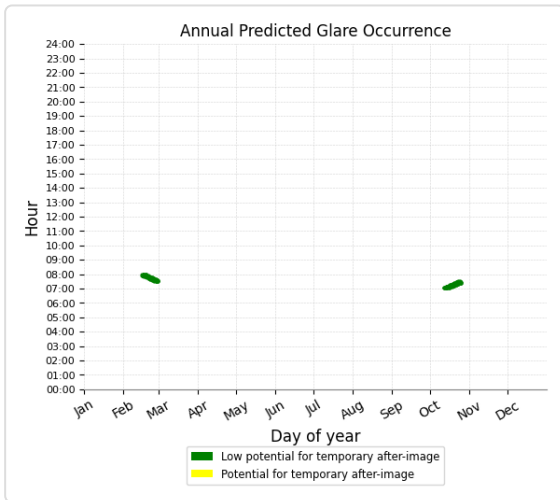
Green glare: 806 min.



PV array 7 and OP 26

Yellow glare: none

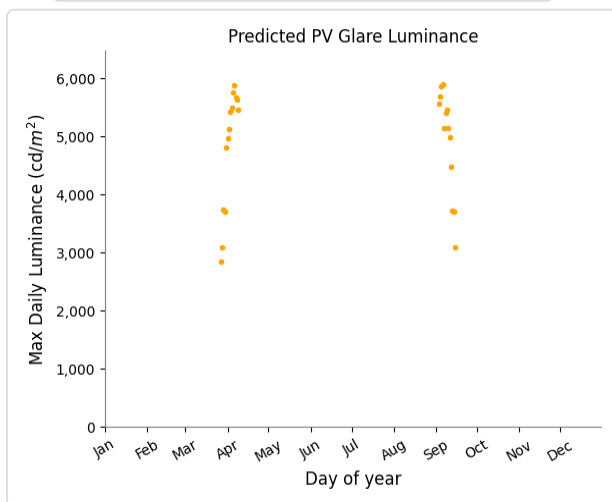
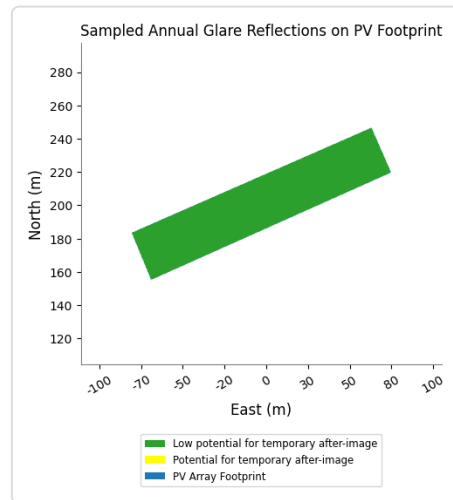
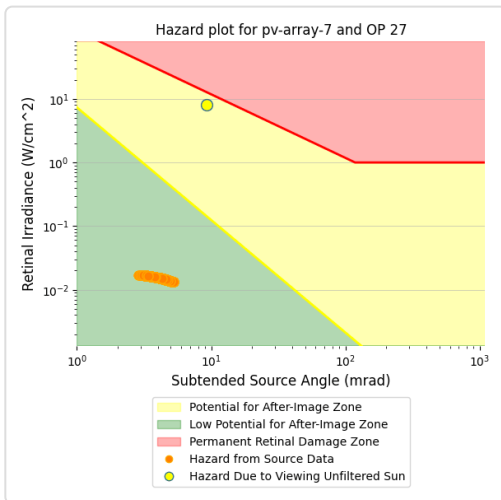
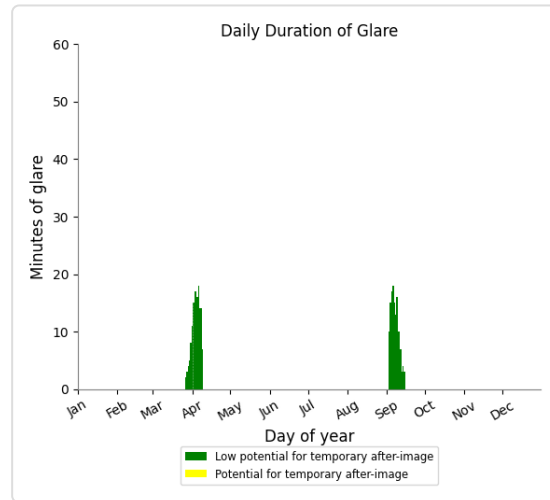
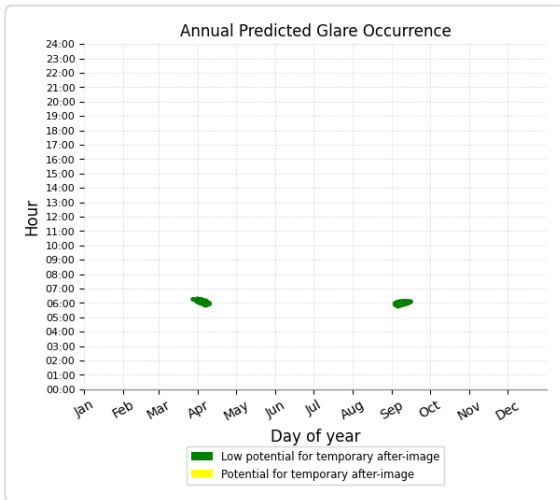
Green glare: 203 min.



PV array 7 and OP 27

Yellow glare: none

Green glare: 292 min.



PV array 7 and OP 1

No glare found

PV array 7 and OP 2

No glare found

PV array 7 and OP 3

No glare found

PV array 7 and OP 4

No glare found

PV array 7 and OP 5

No glare found

PV array 7 and OP 6

No glare found

PV array 7 and OP 7

No glare found

PV array 7 and OP 11

No glare found

PV array 7 and OP 12

No glare found

PV array 7 and OP 16

No glare found

PV array 7 and OP 17

No glare found

PV array 7 and OP 18

No glare found

PV array 7 and OP 19

No glare found

PV array 7 and OP 20

No glare found

PV array 7 and OP 21

No glare found

PV array 7 and OP 22

No glare found

PV array 7 and OP 24

No glare found

PV array 7 and OP 25

No glare found

PV array 7 and OP 28

No glare found

PV array 7 and OP 29

No glare found

PV array 7 and OP 30

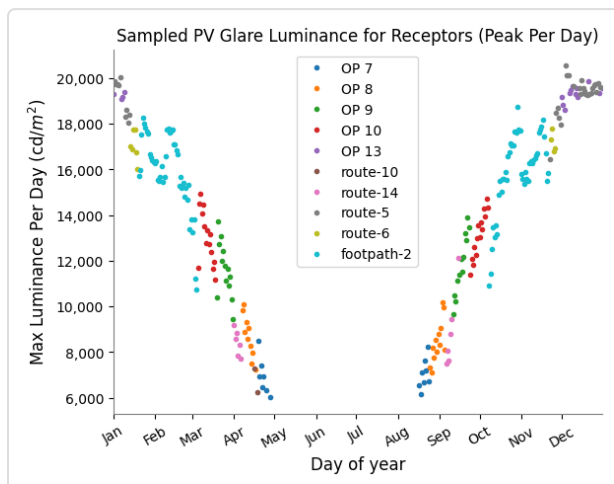
No glare found

PV: PV array 8 low potential for temporary after-image

Receptor results ordered by category of glare

Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
Footpath 2	1,383	23.1	0	0.0	18,714
Route 10	73	1.2	0	0.0	7,298
Route 14	156	2.6	0	0.0	12,132
Route 5	1,461	24.4	0	0.0	20,531
Route 6	1,708	28.5	0	0.0	17,771
Route 7	2,365	39.4	0	0.0	12,080
Route 9	402	6.7	0	0.0	5,892
Footpath 1	0	0.0	0	0.0	0
Footpath 3	0	0.0	0	0.0	0
Footpath 4	0	0.0	0	0.0	0
Route 1	0	0.0	0	0.0	0
Route 11	0	0.0	0	0.0	0
Route 12	0	0.0	0	0.0	0
Route 13	0	0.0	0	0.0	0
Route 15	0	0.0	0	0.0	0
Route 16	0	0.0	0	0.0	0
Route 2	0	0.0	0	0.0	0
Route 3	0	0.0	0	0.0	0
Route 4	0	0.0	0	0.0	0
Route 8	0	0.0	0	0.0	0
FP 1	0	0.0	0	0.0	0
FP 2	0	0.0	0	0.0	0
OP 7	18	0.3	0	0.0	8,486
OP 8	59	1.0	0	0.0	10,173
OP 9	132	2.2	0	0.0	13,879
OP 10	190	3.2	0	0.0	14,949
OP 13	437	7.3	0	0.0	19,849
OP 14	423	7.0	0	0.0	7,660
OP 15	162	2.7	0	0.0	6,679
OP 23	568	9.5	0	0.0	4,055
OP 25	901	15.0	0	0.0	11,154
OP 26	146	2.4	0	0.0	2,682
OP 27	308	5.1	0	0.0	5,414
OP 1	0	0.0	0	0.0	0
OP 2	0	0.0	0	0.0	0
OP 3	0	0.0	0	0.0	0
OP 4	0	0.0	0	0.0	0
OP 5	0	0.0	0	0.0	0

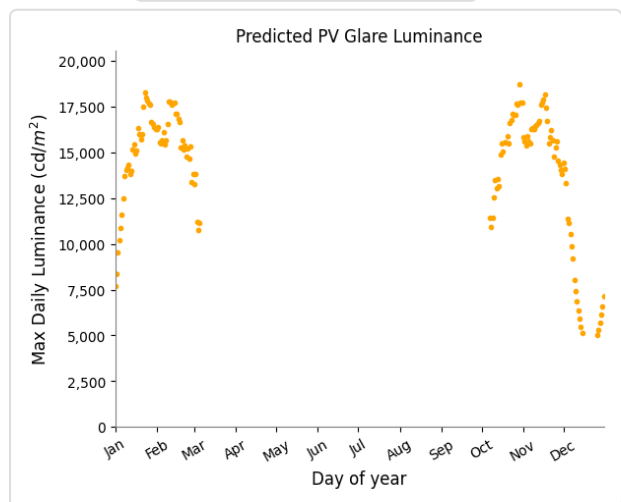
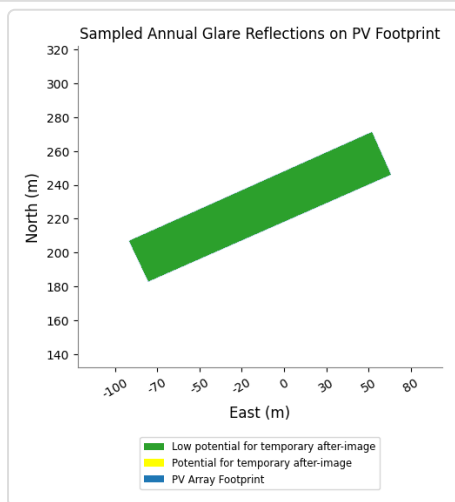
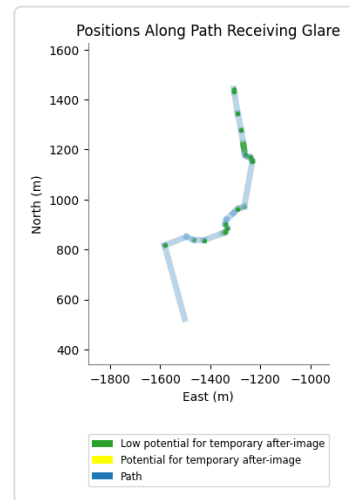
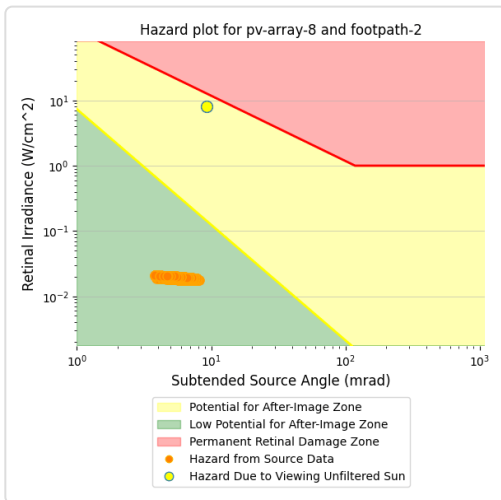
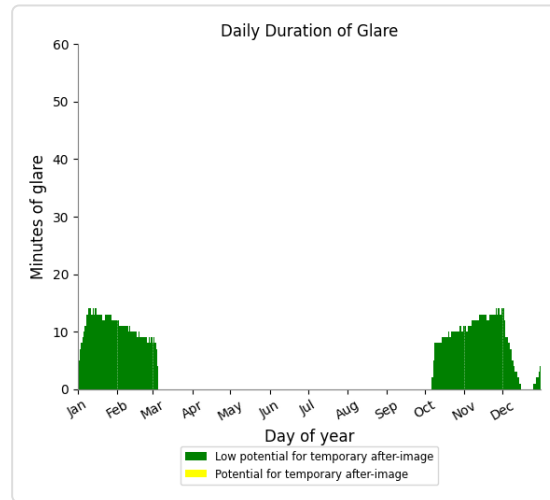
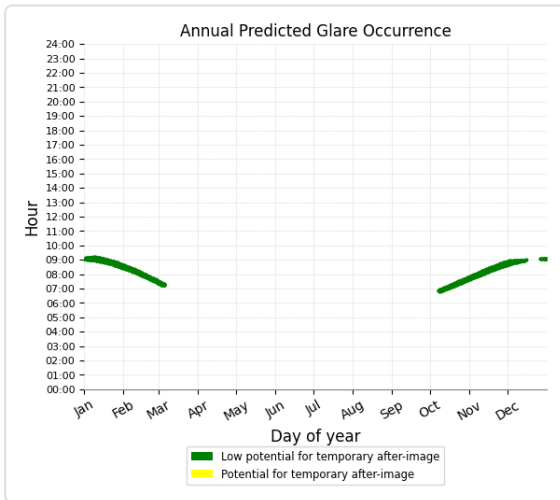
Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
OP 6	0	0.0	0	0.0	0
OP 11	0	0.0	0	0.0	0
OP 12	0	0.0	0	0.0	0
OP 16	0	0.0	0	0.0	0
OP 17	0	0.0	0	0.0	0
OP 18	0	0.0	0	0.0	0
OP 19	0	0.0	0	0.0	0
OP 20	0	0.0	0	0.0	0
OP 21	0	0.0	0	0.0	0
OP 22	0	0.0	0	0.0	0
OP 24	0	0.0	0	0.0	0
OP 28	0	0.0	0	0.0	0
OP 29	0	0.0	0	0.0	0
OP 30	0	0.0	0	0.0	0



PV array 8 and Route: Footpath 2

Yellow glare: none

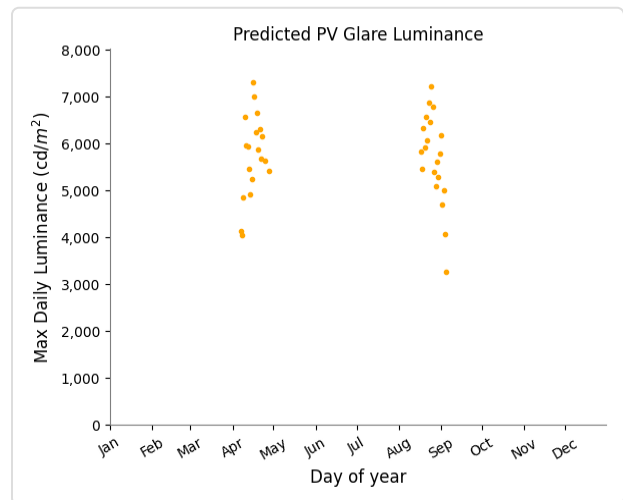
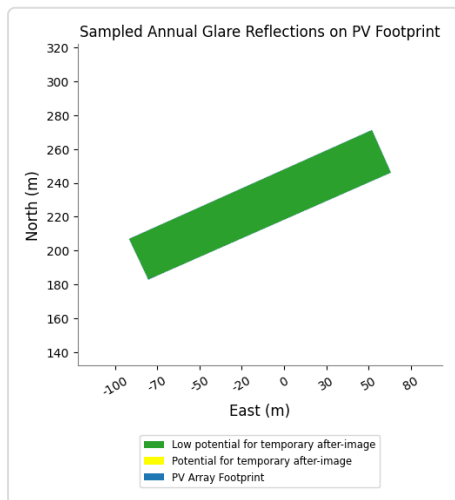
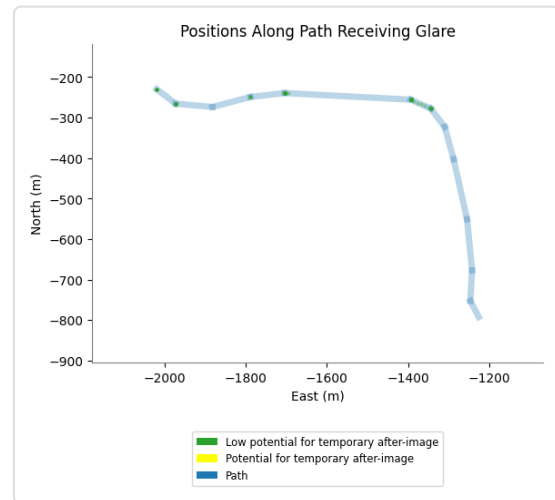
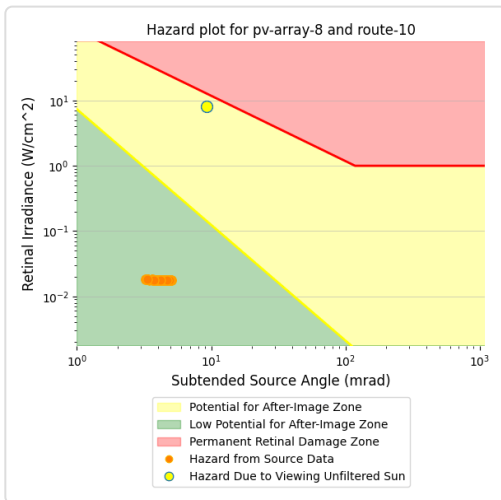
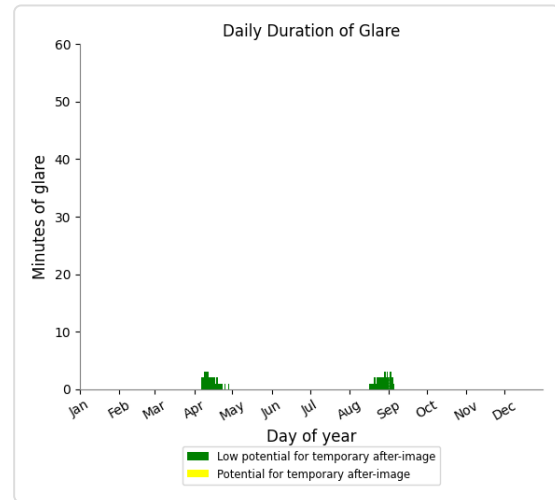
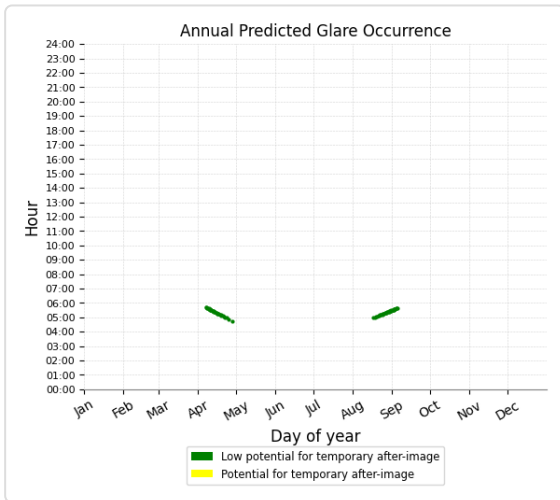
Green glare: 1,383 min.



PV array 8 and Route: Route 10

Yellow glare: none

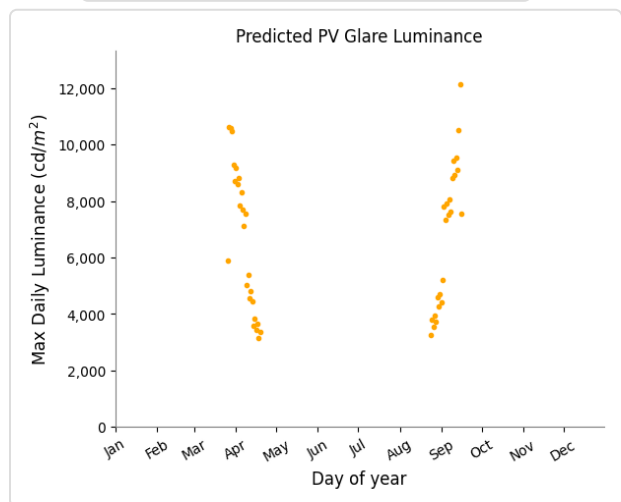
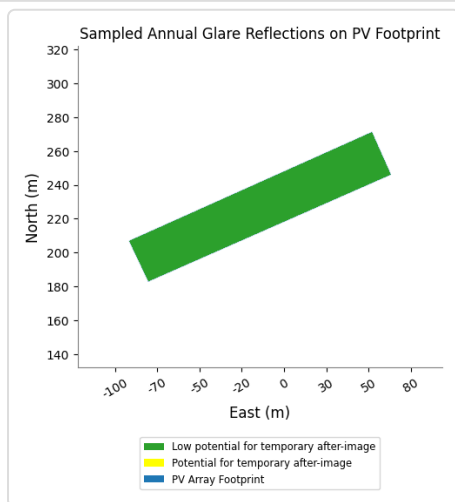
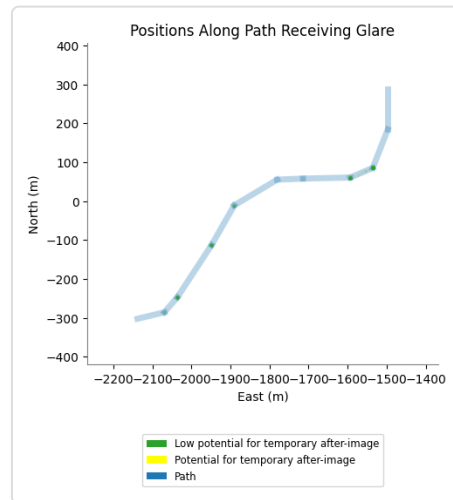
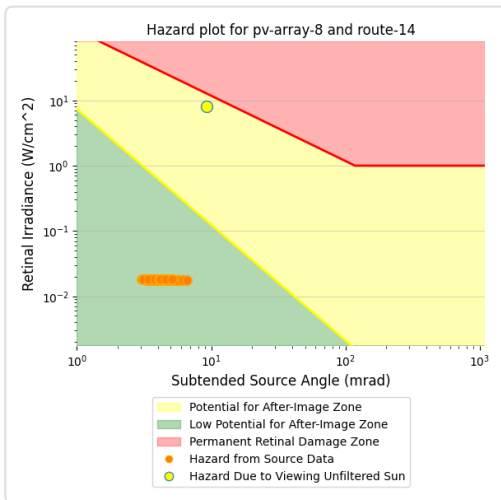
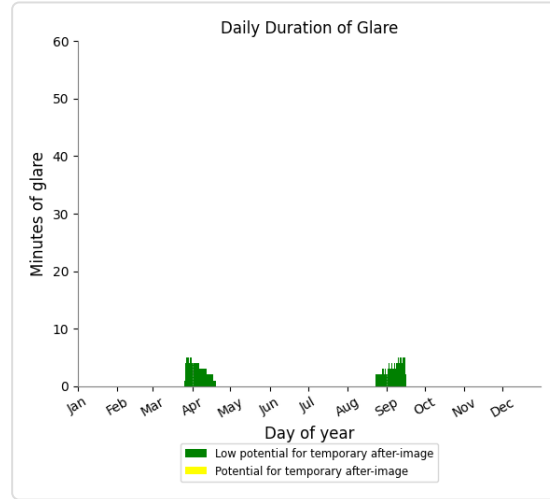
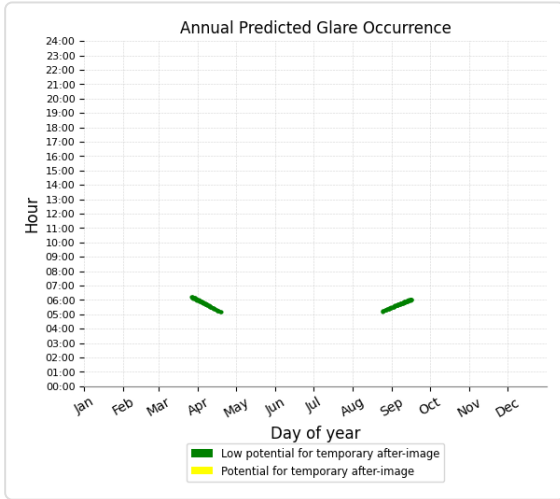
Green glare: 73 min.



PV array 8 and Route: Route 14

Yellow glare: none

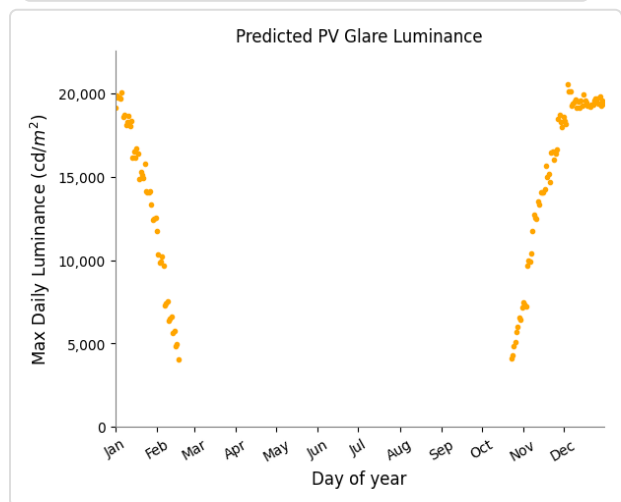
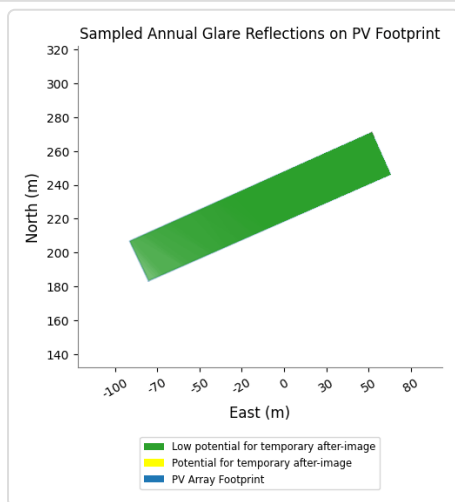
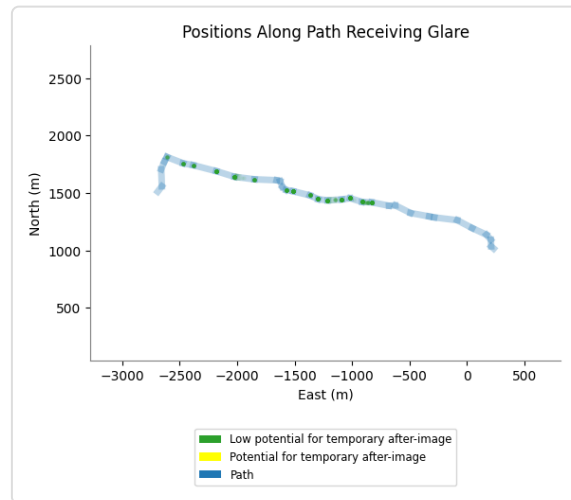
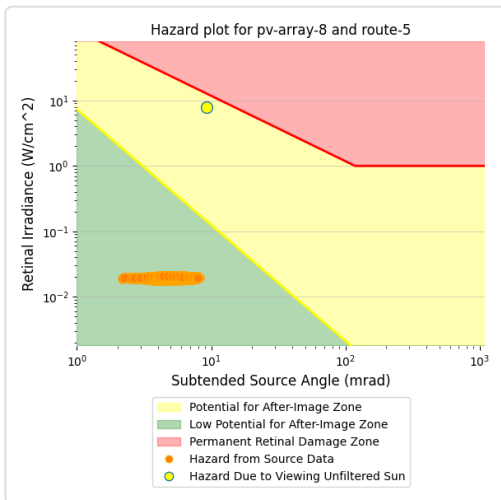
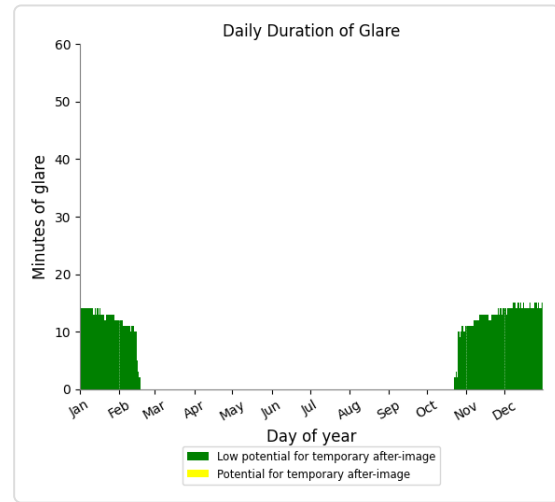
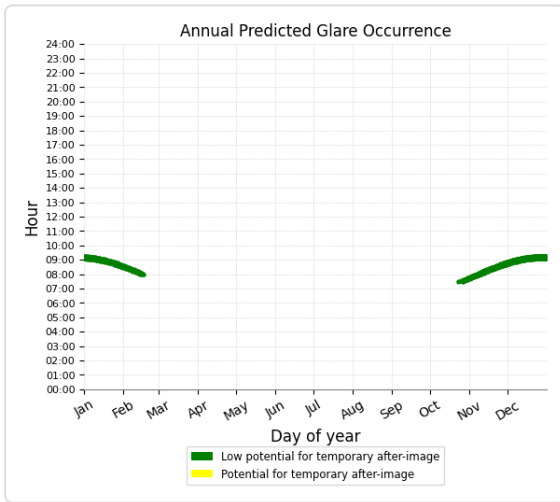
Green glare: 156 min.



PV array 8 and Route: Route 5

Yellow glare: none

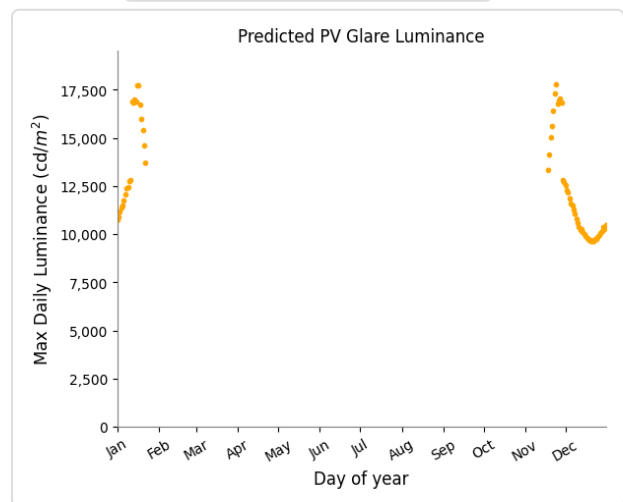
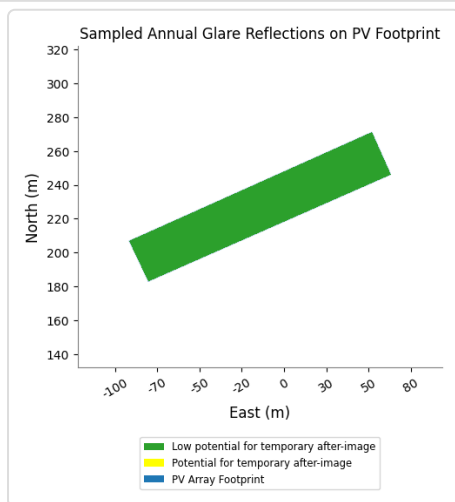
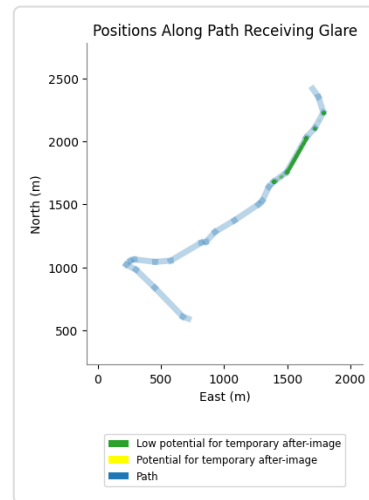
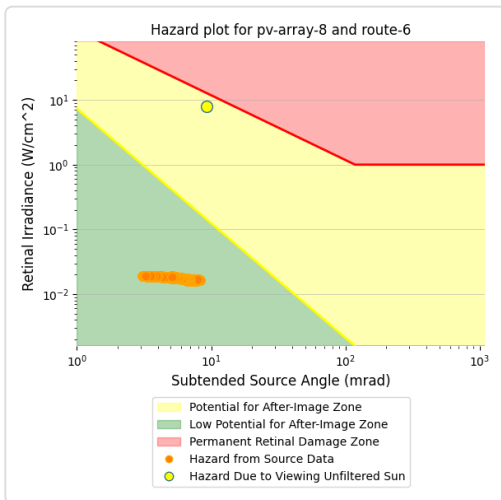
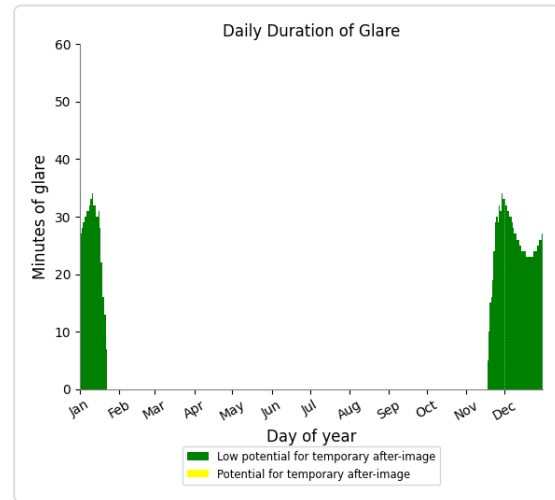
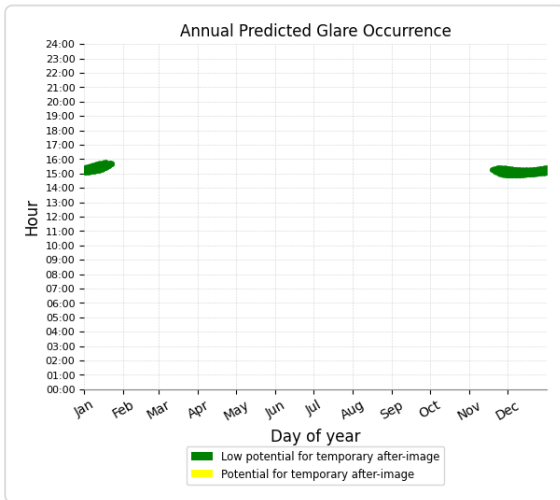
Green glare: 1,461 min.



PV array 8 and Route: Route 6

Yellow glare: none

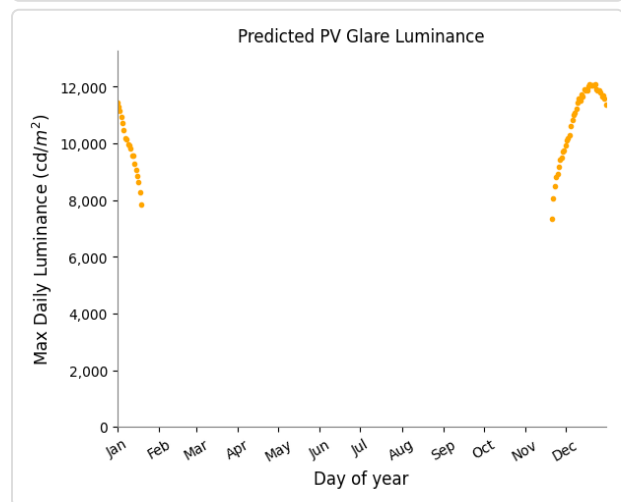
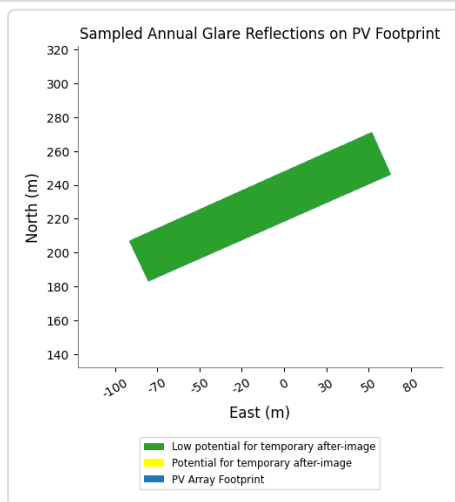
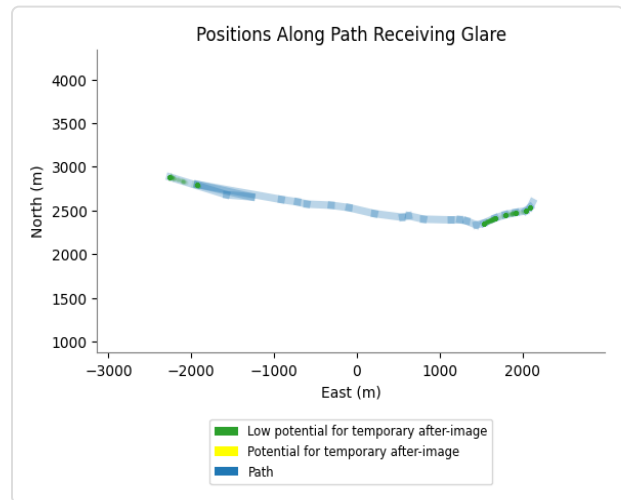
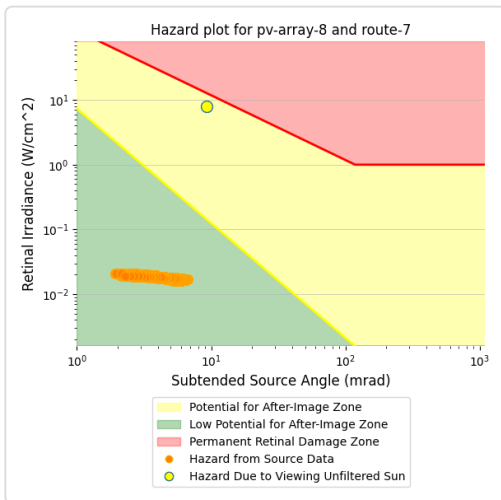
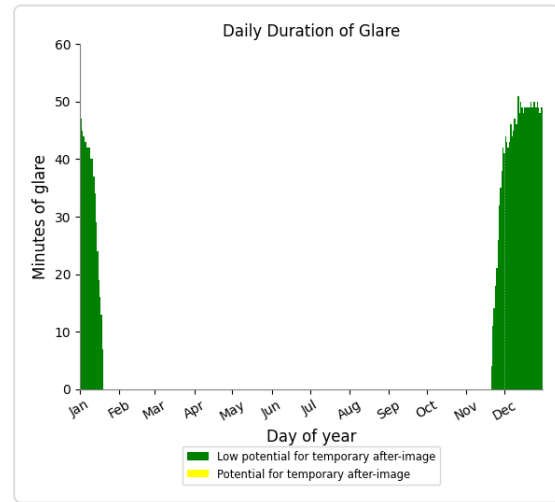
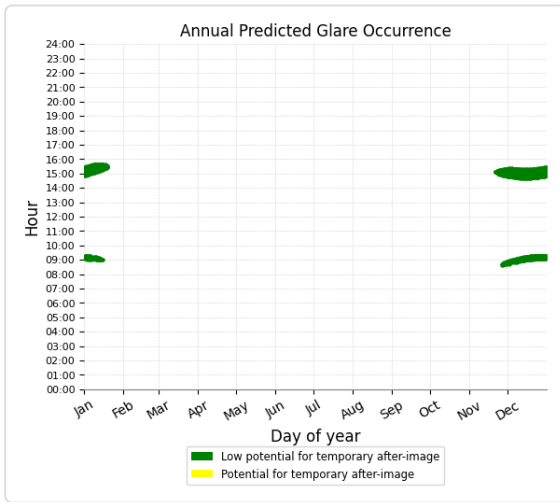
Green glare: 1,708 min.



PV array 8 and Route: Route 7

Yellow glare: none

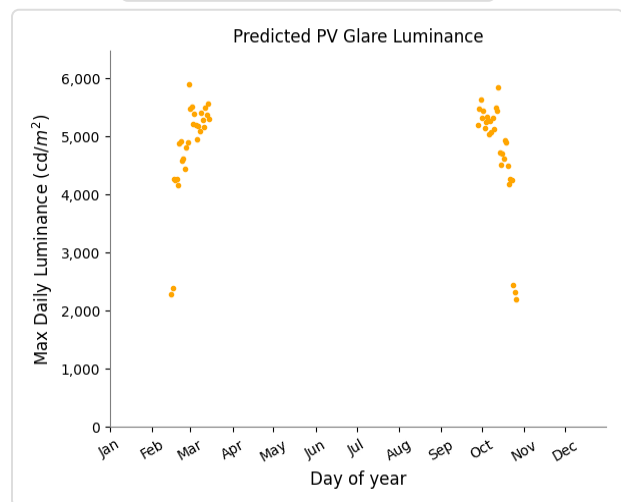
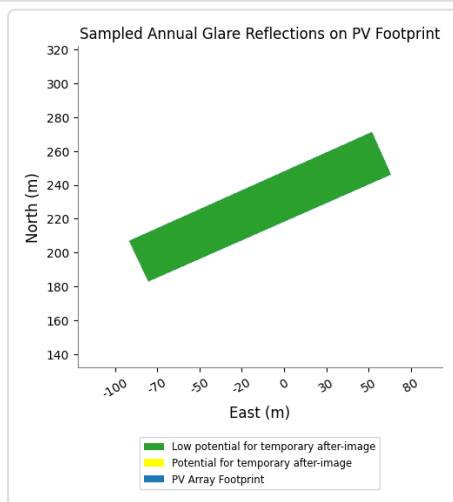
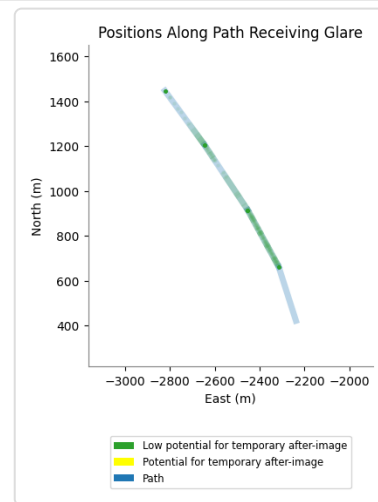
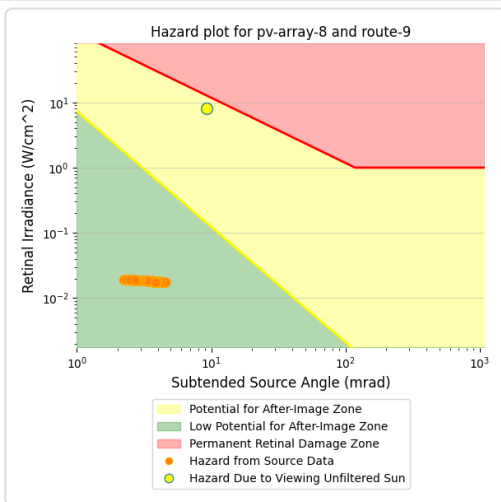
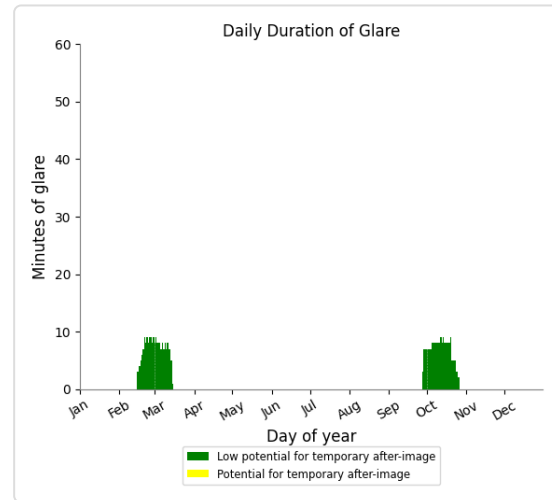
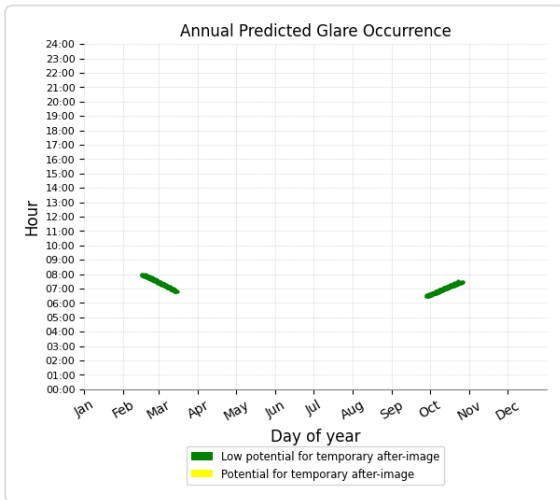
Green glare: 2,365 min.



PV array 8 and Route: Route 9

Yellow glare: none

Green glare: 402 min.



PV array 8 and Route: Footpath 1

No glare found

PV array 8 and Route: Footpath 3

No glare found

PV array 8 and Route: Footpath 4

No glare found

PV array 8 and Route: Route 1

No glare found

PV array 8 and Route: Route 11

No glare found

PV array 8 and Route: Route 12

No glare found

PV array 8 and Route: Route 13

No glare found

PV array 8 and Route: Route 15

No glare found

PV array 8 and Route: Route 16

No glare found

PV array 8 and Route: Route 2

No glare found

PV array 8 and Route: Route 3

No glare found

PV array 8 and Route: Route 4

No glare found

PV array 8 and Route: Route 8

No glare found

PV array 8 and FP: FP 1

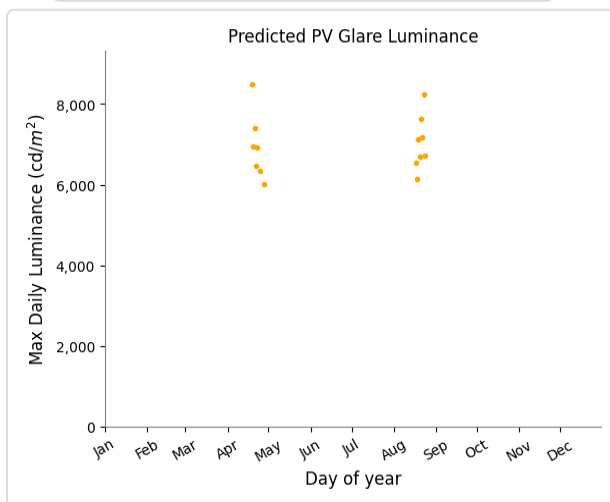
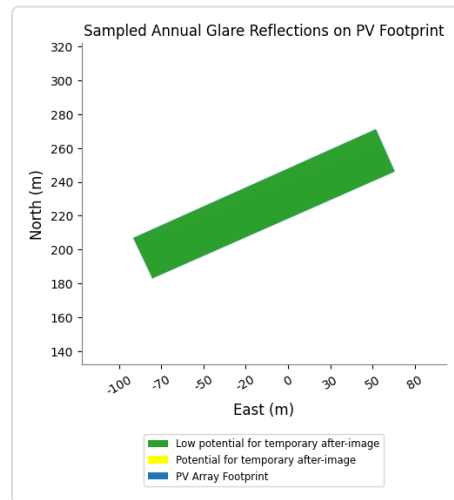
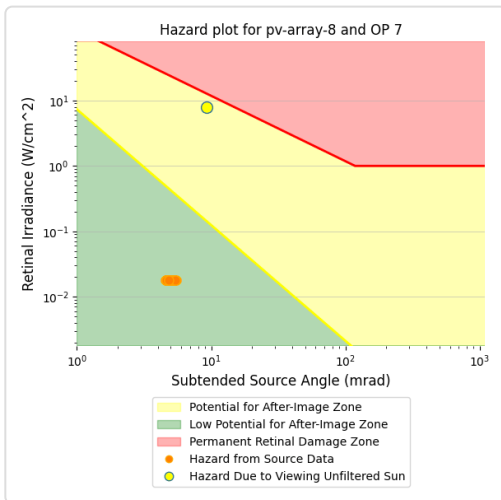
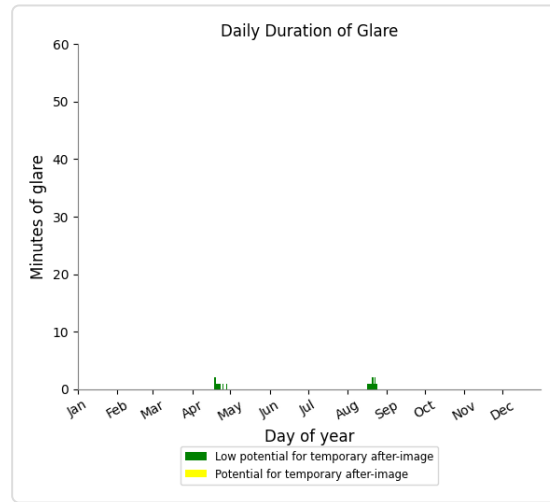
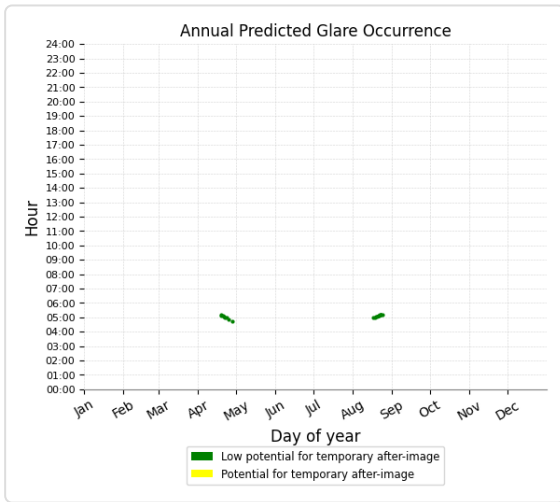
No glare found

PV array 8 and FP: FP 2

No glare found

PV array 8 and OP 7

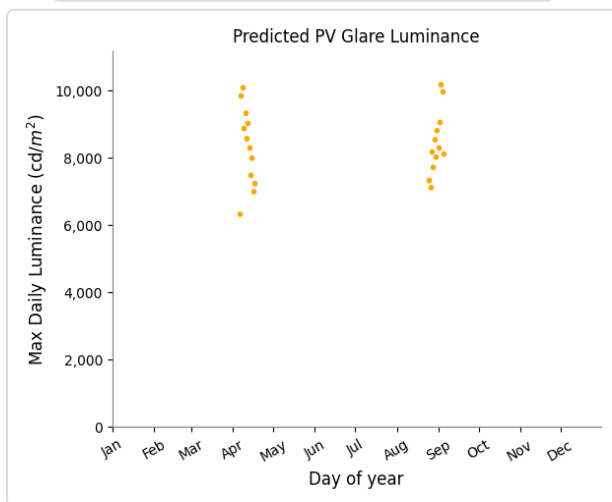
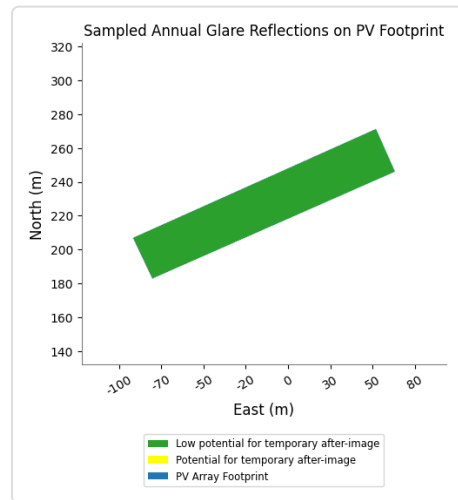
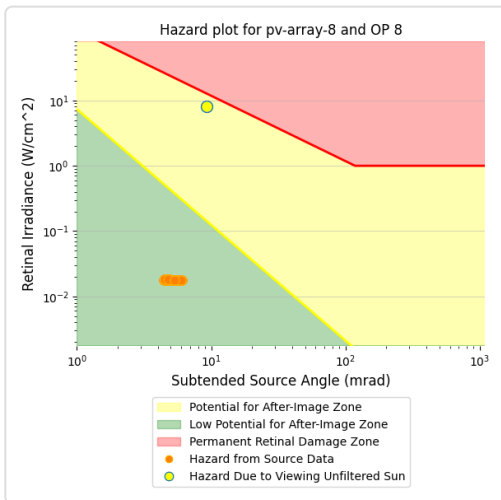
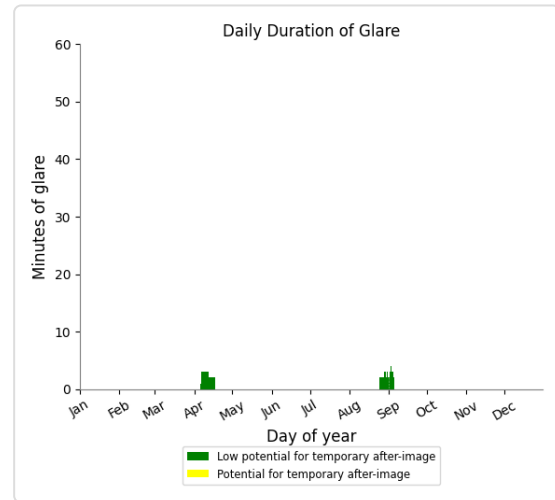
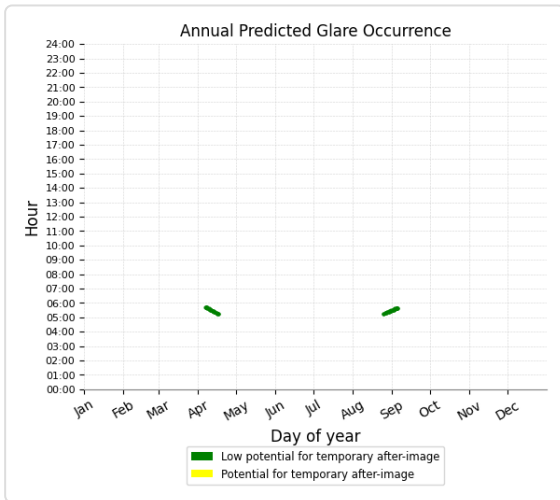
Yellow glare: none
 Green glare: 18 min.



PV array 8 and OP 8

Yellow glare: none

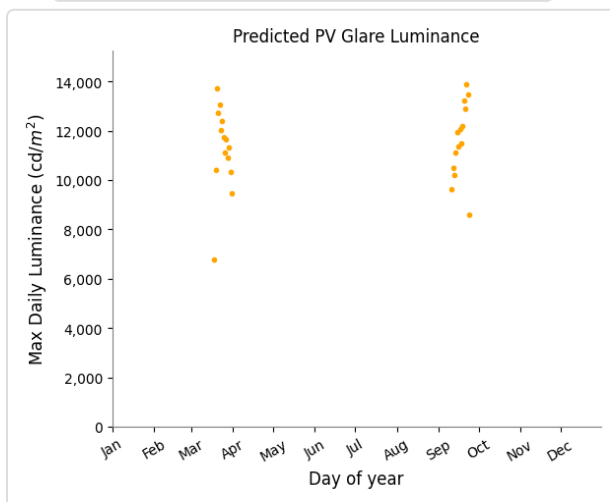
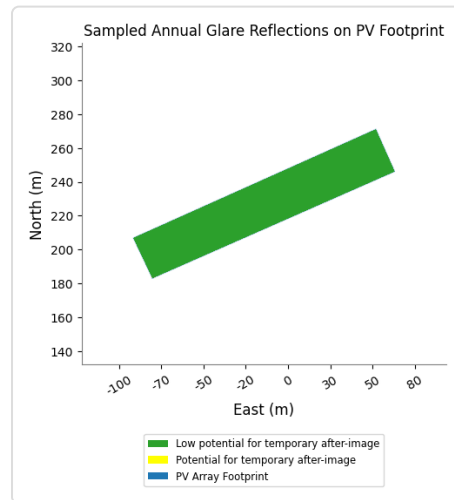
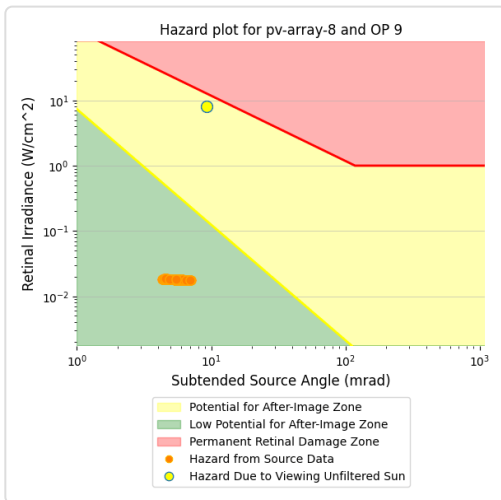
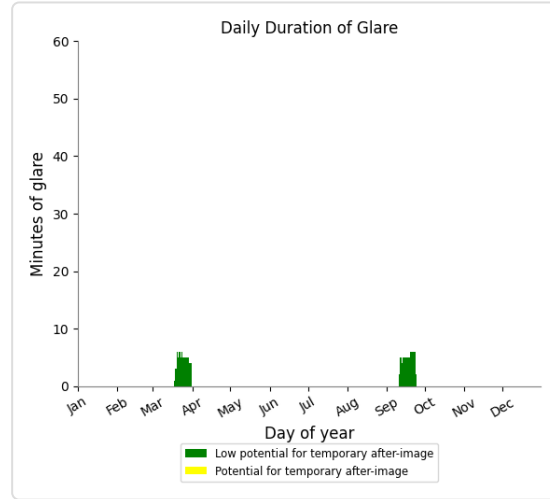
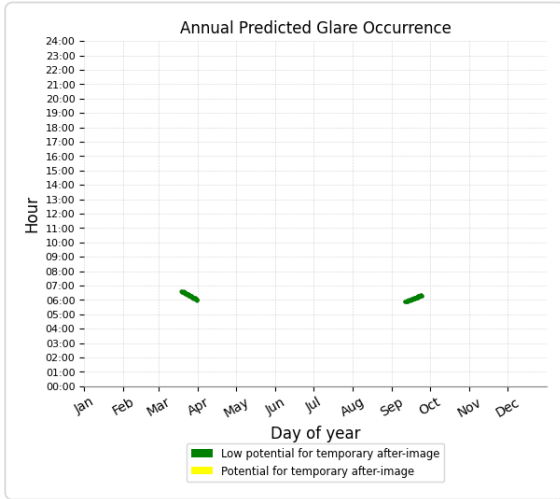
Green glare: 59 min.



PV array 8 and OP 9

Yellow glare: none

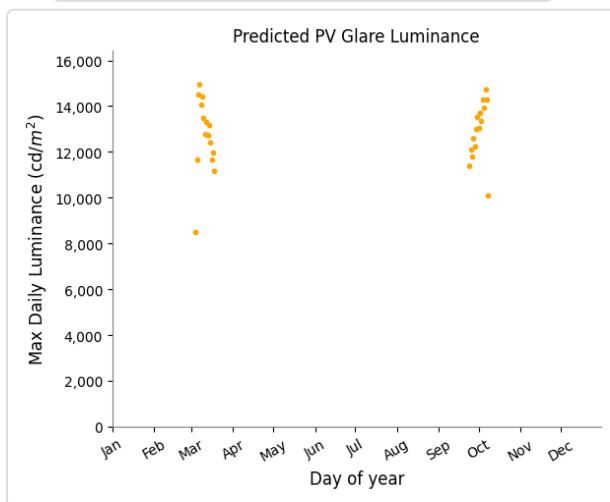
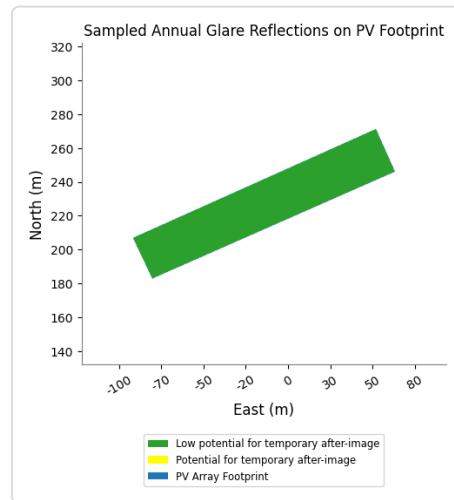
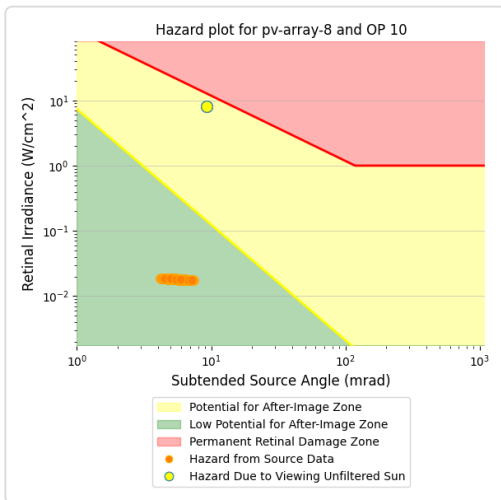
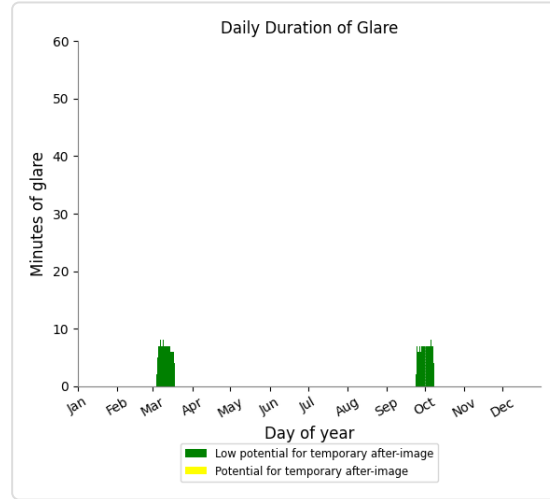
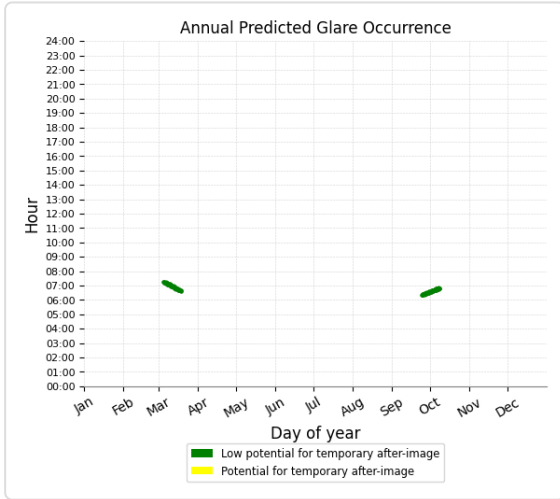
Green glare: 132 min.



PV array 8 and OP 10

Yellow glare: none

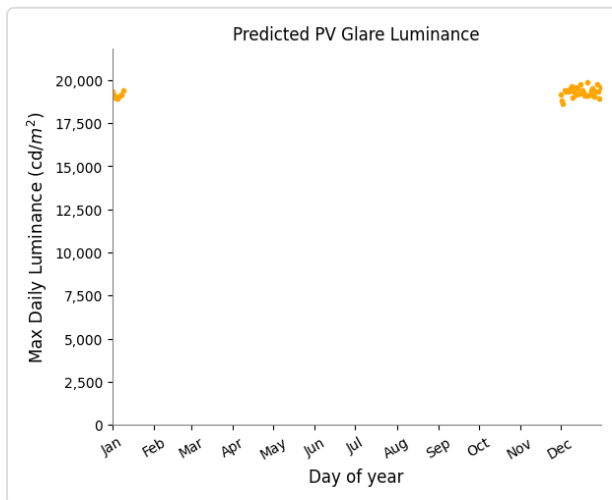
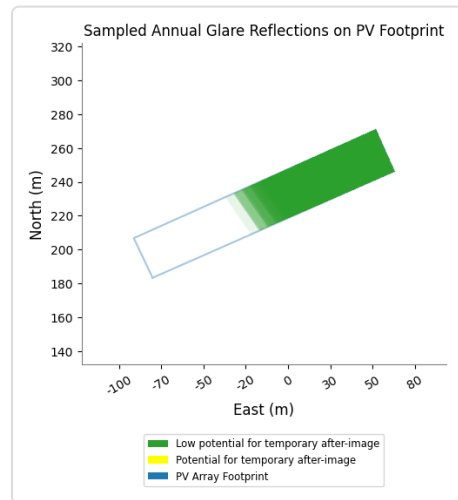
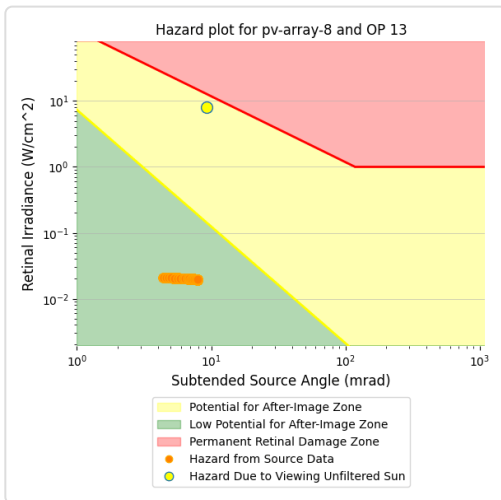
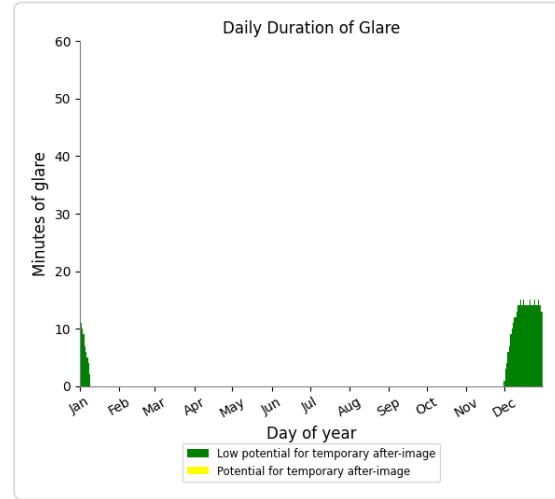
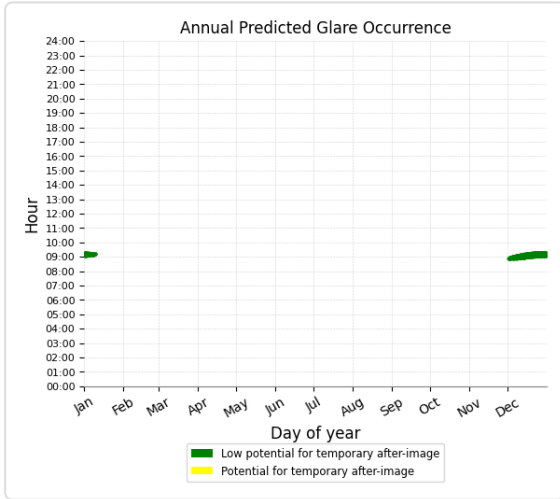
Green glare: 190 min.



PV array 8 and OP 13

Yellow glare: none

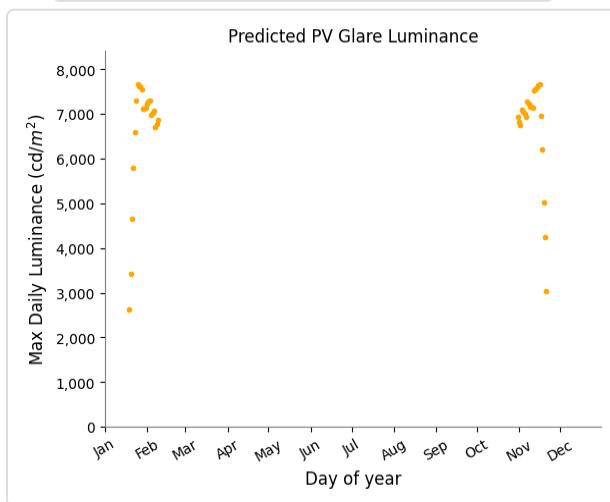
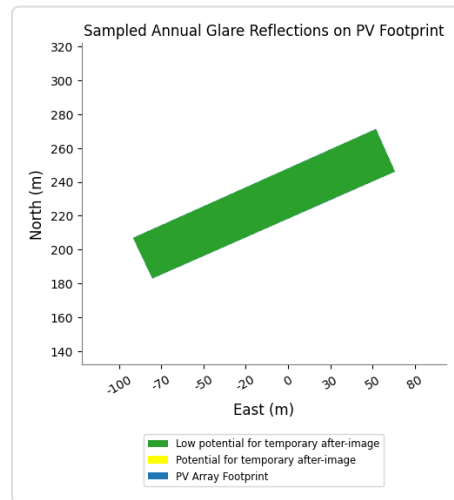
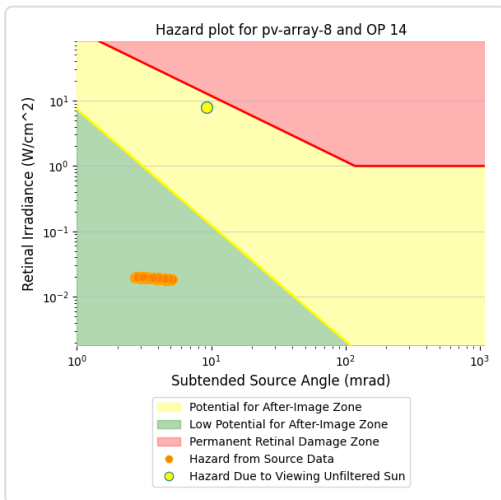
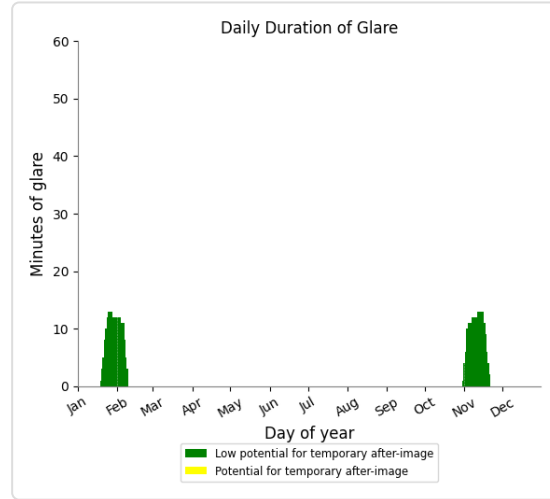
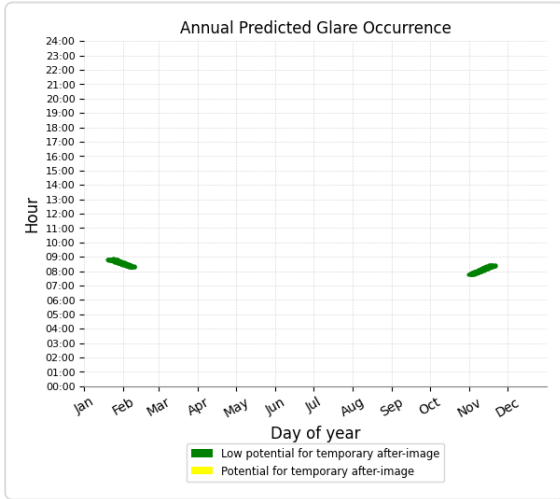
Green glare: 437 min.



PV array 8 and OP 14

Yellow glare: none

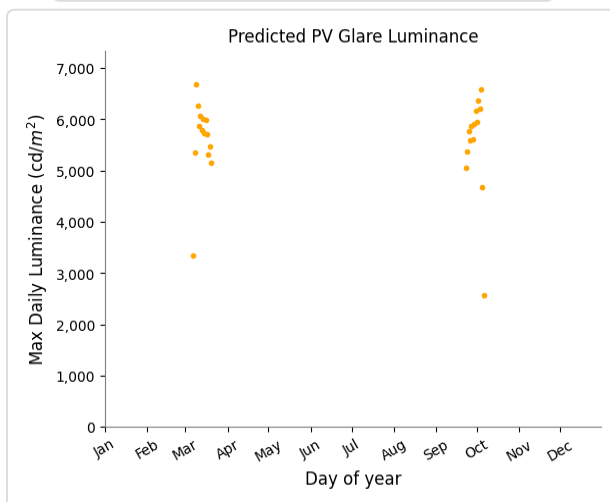
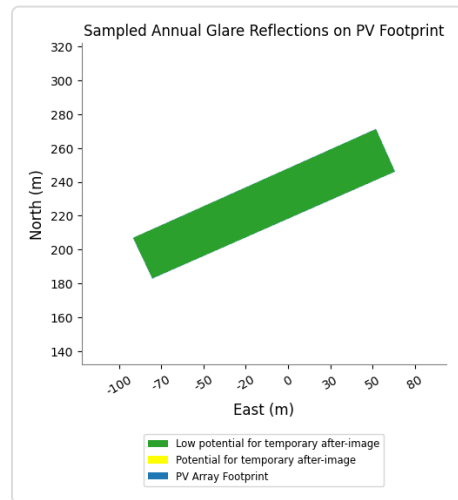
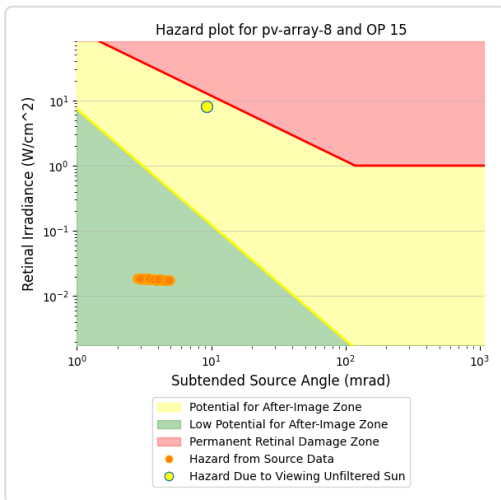
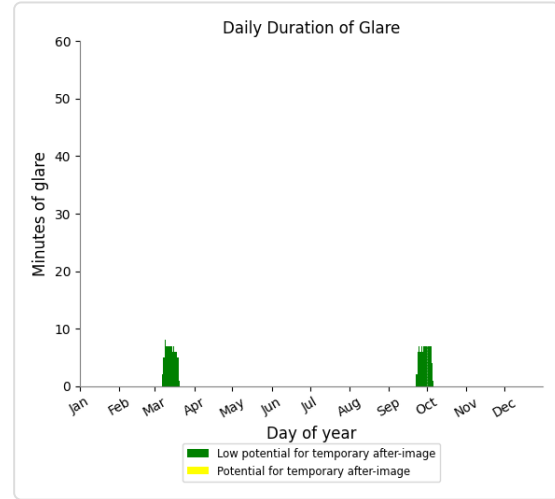
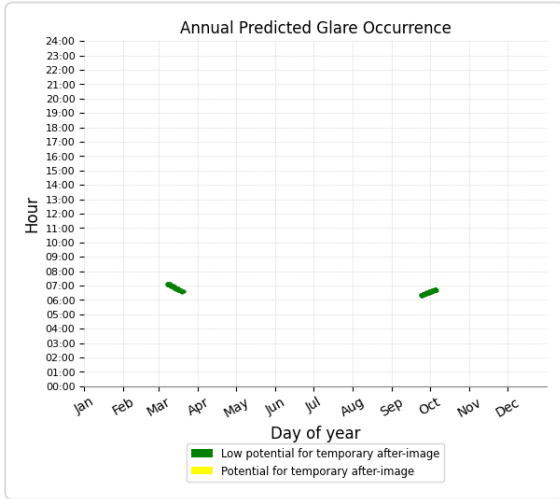
Green glare: 423 min.



PV array 8 and OP 15

Yellow glare: none

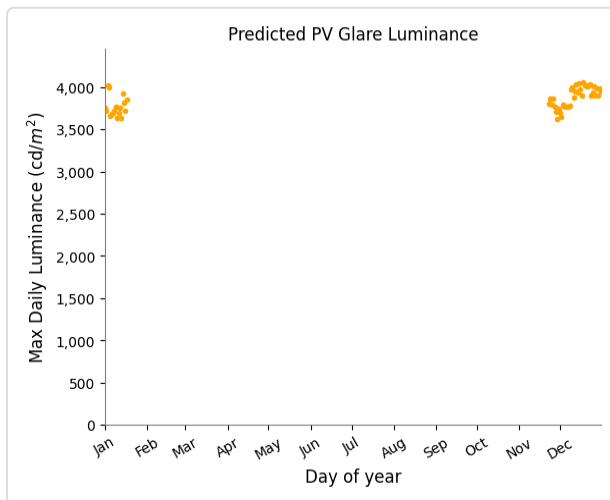
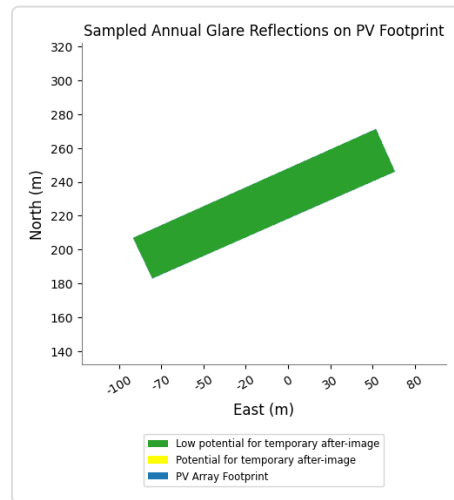
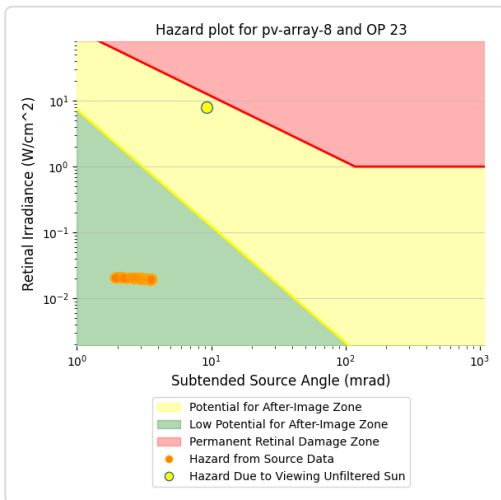
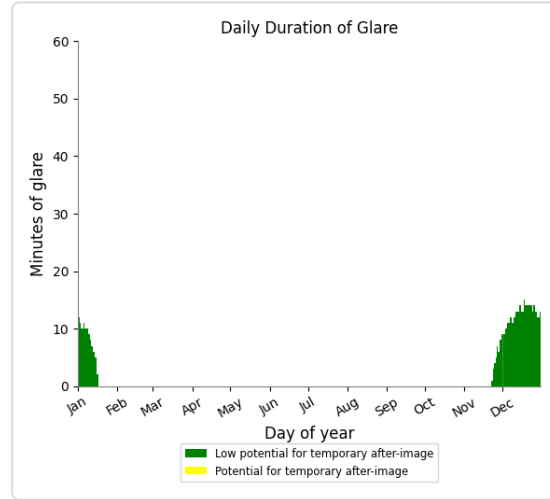
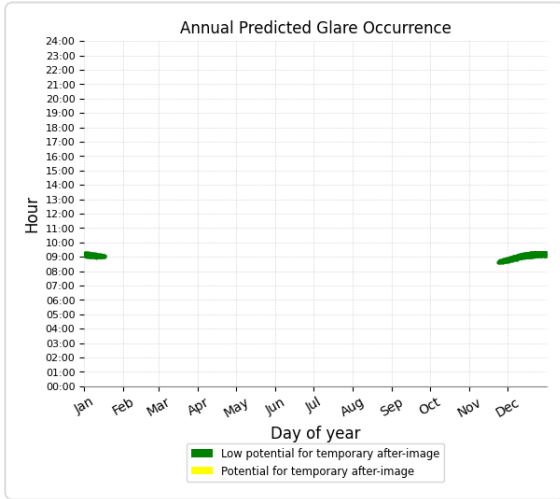
Green glare: 162 min.



PV array 8 and OP 23

Yellow glare: none

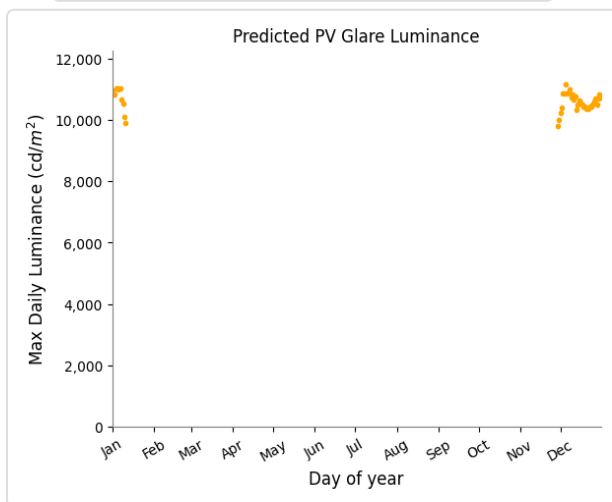
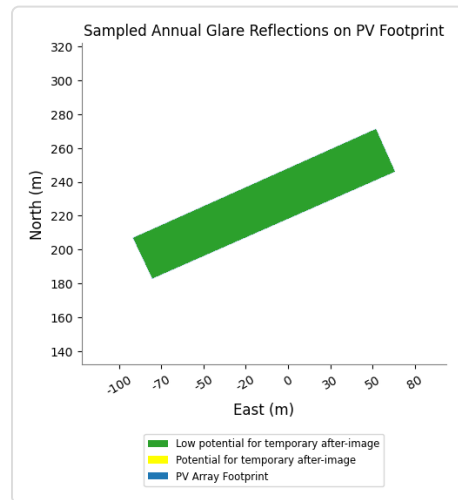
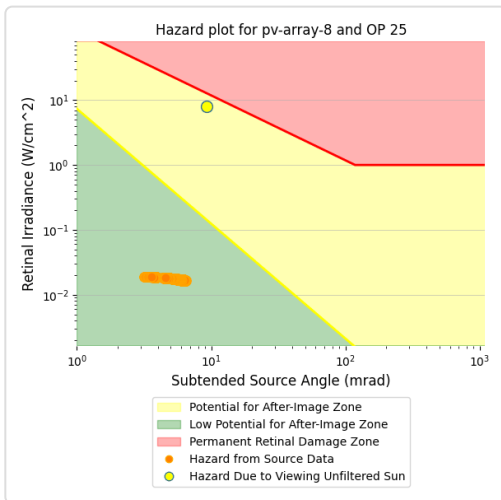
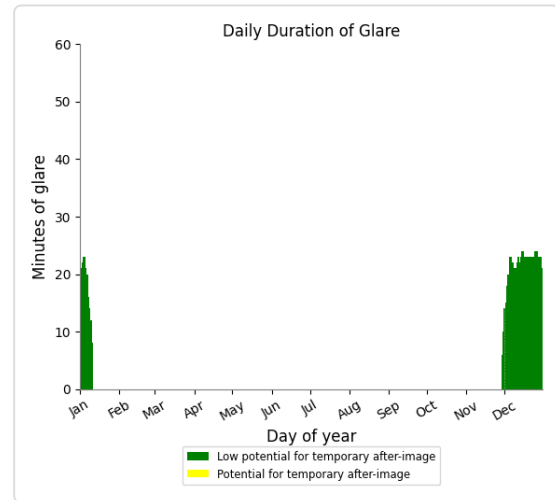
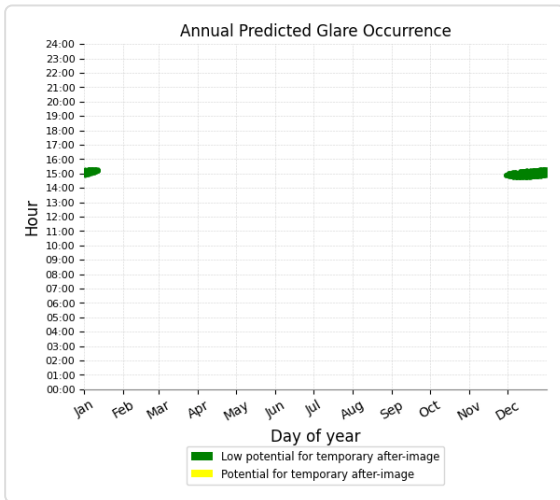
Green glare: 568 min.



PV array 8 and OP 25

Yellow glare: none

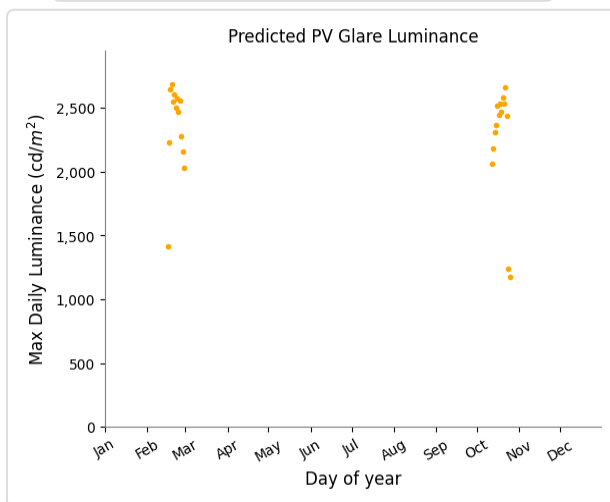
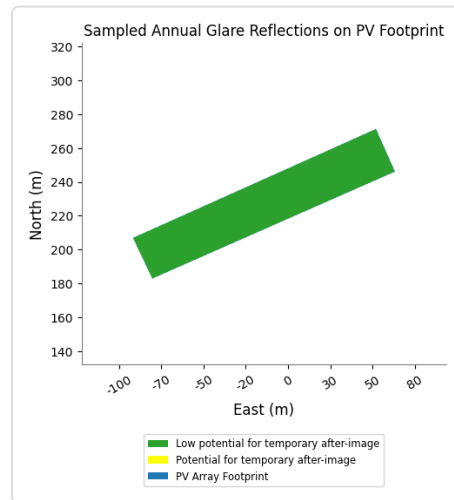
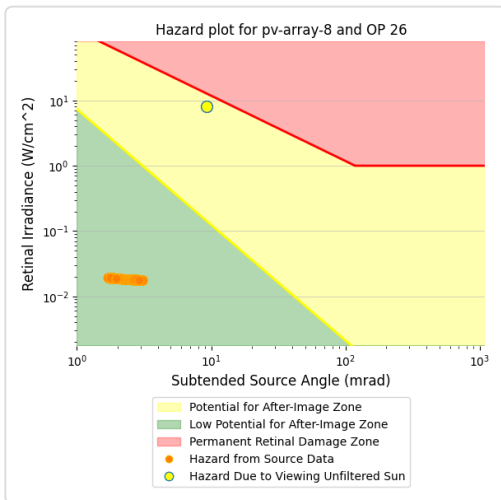
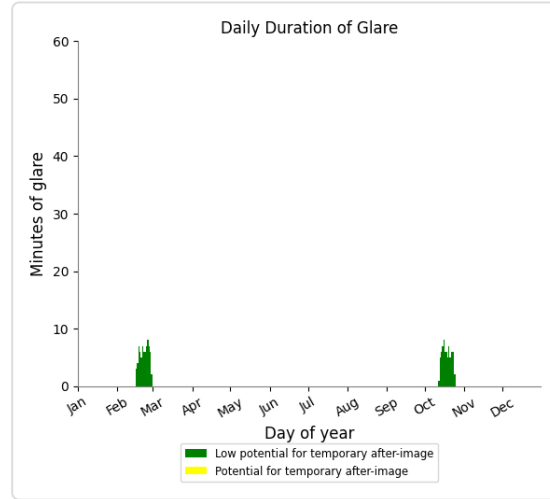
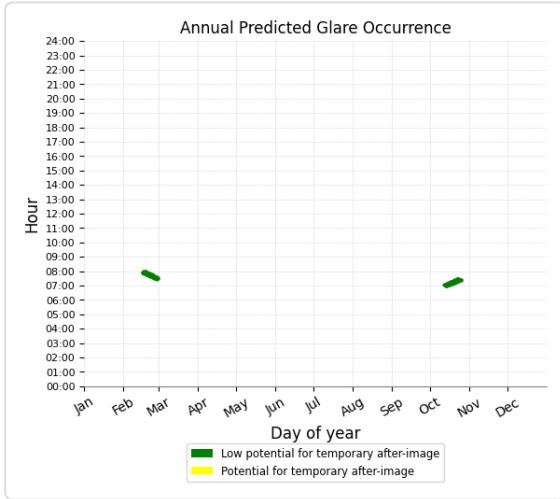
Green glare: 901 min.



PV array 8 and OP 26

Yellow glare: none

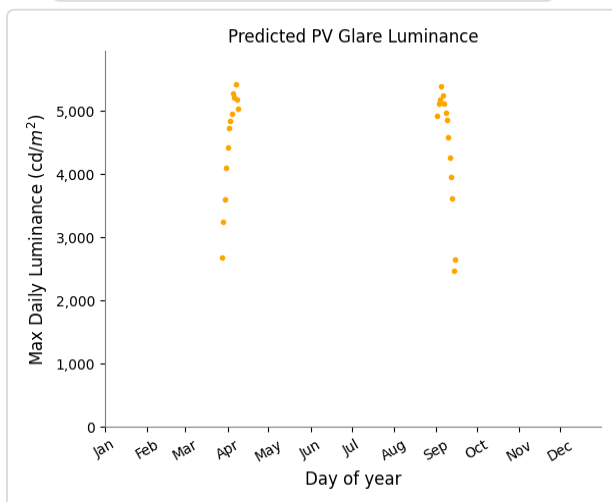
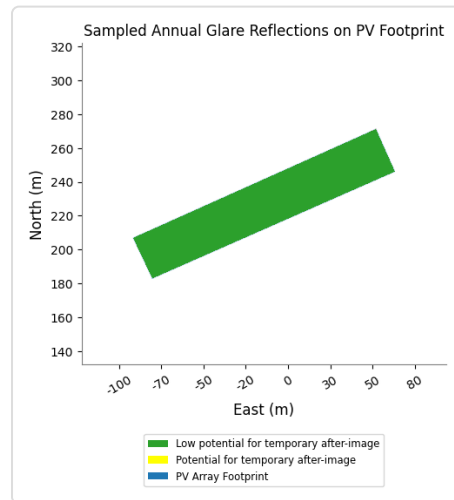
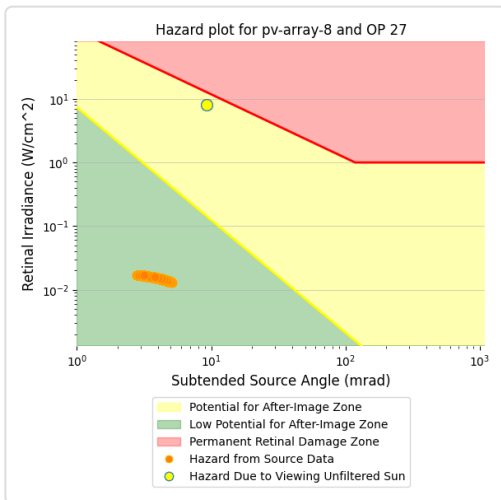
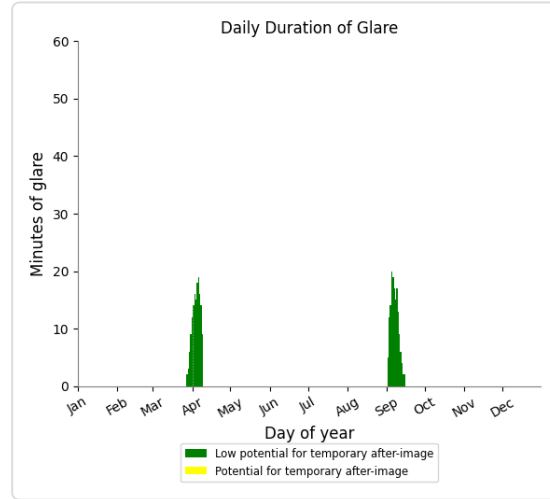
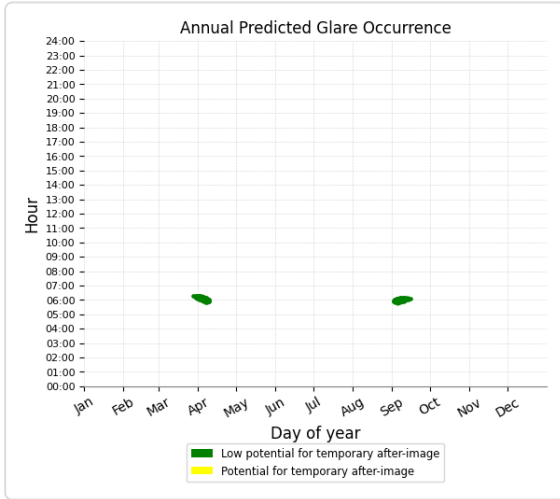
Green glare: 146 min.



PV array 8 and OP 27

Yellow glare: none

Green glare: 308 min.



PV array 8 and OP 1

No glare found

PV array 8 and OP 2

No glare found

PV array 8 and OP 3

No glare found

PV array 8 and OP 4

No glare found

PV array 8 and OP 5

No glare found

PV array 8 and OP 6

No glare found

PV array 8 and OP 11

No glare found

PV array 8 and OP 12

No glare found

PV array 8 and OP 16

No glare found

PV array 8 and OP 17

No glare found

PV array 8 and OP 18

No glare found

PV array 8 and OP 19

No glare found

PV array 8 and OP 20

No glare found

PV array 8 and OP 21

No glare found

PV array 8 and OP 22

No glare found

PV array 8 and OP 24

No glare found

PV array 8 and OP 28

No glare found

PV array 8 and OP 29

No glare found

PV array 8 and OP 30

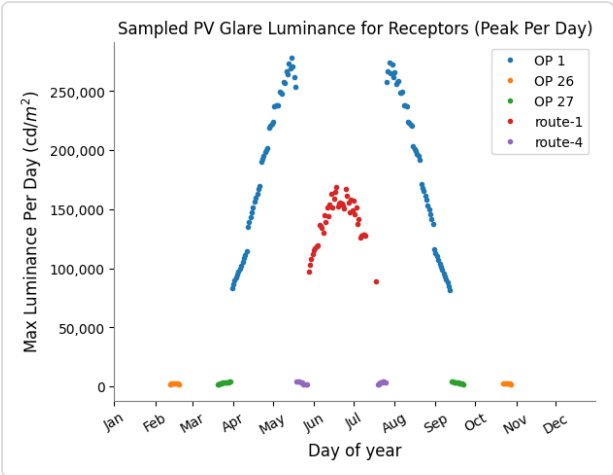
No glare found

PV: PV array 9 potential temporary after-image

Receptor results ordered by category of glare

Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
Route 1	55	0.9	0	0.0	168,587
Route 4	636	10.6	0	0.0	8,439
Route 8	69	1.1	0	0.0	8,519
Footpath 1	0	0.0	0	0.0	0
Footpath 2	0	0.0	0	0.0	0
Footpath 3	0	0.0	0	0.0	0
Footpath 4	0	0.0	0	0.0	0
Route 10	0	0.0	0	0.0	0
Route 11	0	0.0	0	0.0	0
Route 12	0	0.0	0	0.0	0
Route 13	0	0.0	0	0.0	0
Route 14	0	0.0	0	0.0	0
Route 15	0	0.0	0	0.0	0
Route 16	0	0.0	0	0.0	0
Route 2	0	0.0	0	0.0	0
Route 3	0	0.0	0	0.0	0
Route 5	0	0.0	0	0.0	0
Route 6	0	0.0	0	0.0	0
Route 7	0	0.0	0	0.0	0
Route 9	0	0.0	0	0.0	0
FP 1	0	0.0	0	0.0	0
FP 2	0	0.0	0	0.0	0
OP 1	359	6.0	21	0.3	277,919
OP 4	20	0.3	0	0.0	58,523
OP 5	51	0.8	0	0.0	27,181
OP 11	47	0.8	0	0.0	5,370
OP 26	29	0.5	0	0.0	2,377
OP 27	288	4.8	0	0.0	3,930
OP 28	290	4.8	0	0.0	3,972
OP 2	0	0.0	0	0.0	0
OP 3	0	0.0	0	0.0	0
OP 6	0	0.0	0	0.0	0
OP 7	0	0.0	0	0.0	0
OP 8	0	0.0	0	0.0	0
OP 9	0	0.0	0	0.0	0
OP 10	0	0.0	0	0.0	0
OP 12	0	0.0	0	0.0	0
OP 13	0	0.0	0	0.0	0

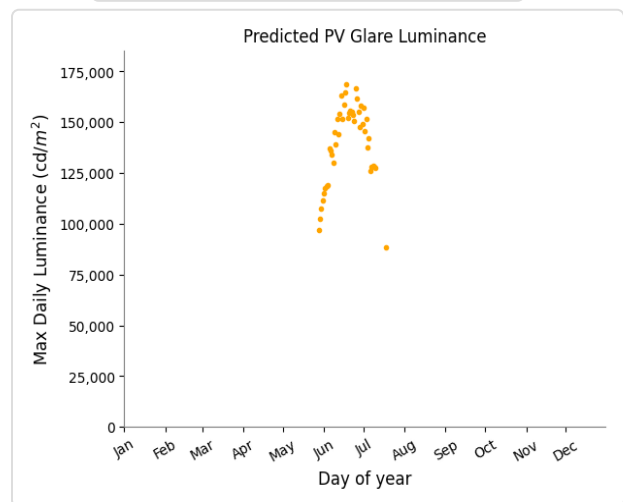
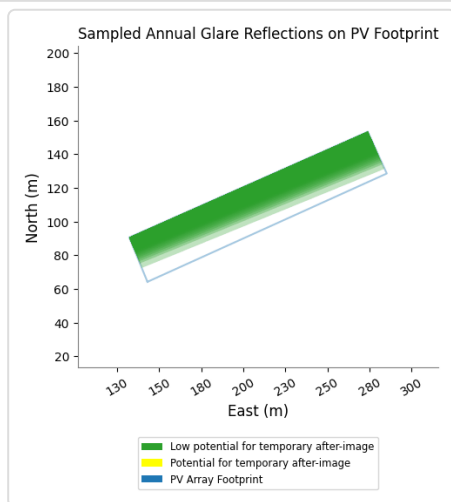
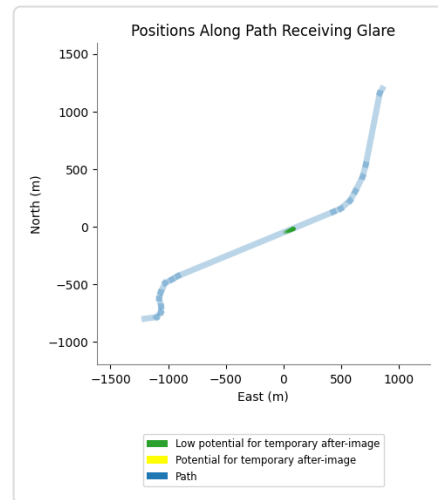
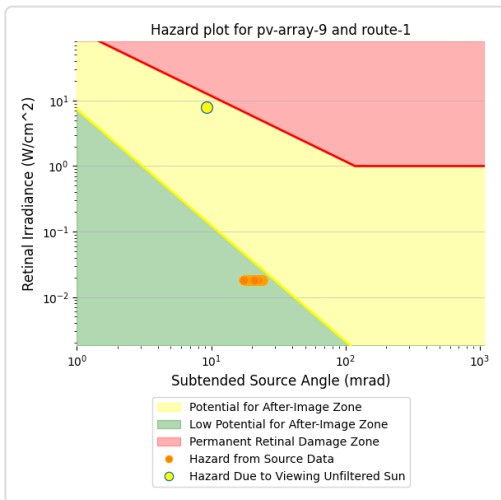
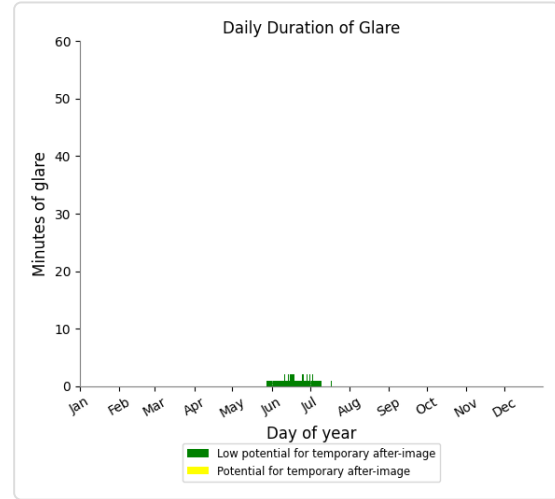
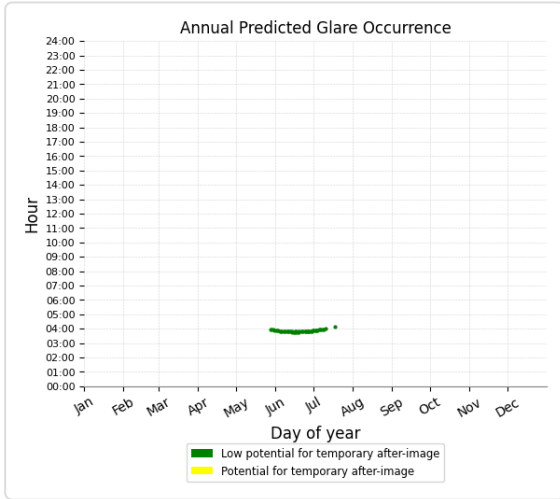
Receptor	Annual Green Glare		Annual Yellow Glare		Peak Luminance
	min	hr	min	hr	cd/m ²
OP 14	0	0.0	0	0.0	0
OP 15	0	0.0	0	0.0	0
OP 16	0	0.0	0	0.0	0
OP 17	0	0.0	0	0.0	0
OP 18	0	0.0	0	0.0	0
OP 19	0	0.0	0	0.0	0
OP 20	0	0.0	0	0.0	0
OP 21	0	0.0	0	0.0	0
OP 22	0	0.0	0	0.0	0
OP 23	0	0.0	0	0.0	0
OP 24	0	0.0	0	0.0	0
OP 25	0	0.0	0	0.0	0
OP 29	0	0.0	0	0.0	0
OP 30	0	0.0	0	0.0	0



PV array 9 and Route: Route 1

Yellow glare: none

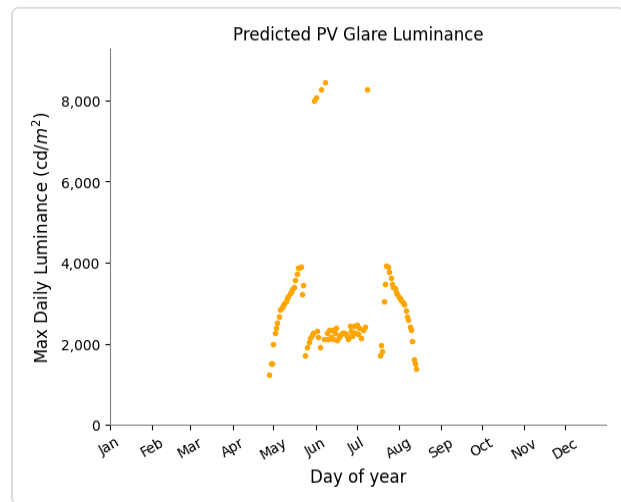
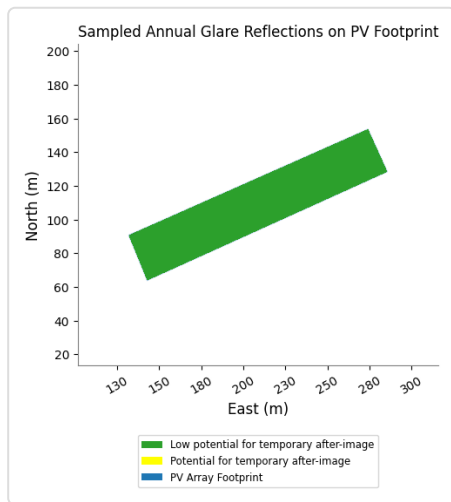
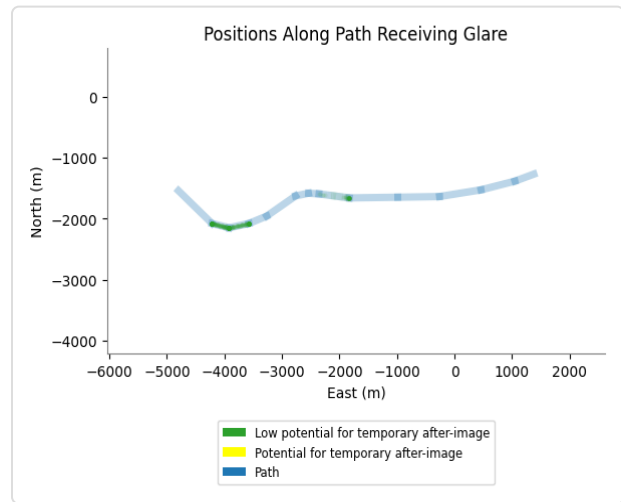
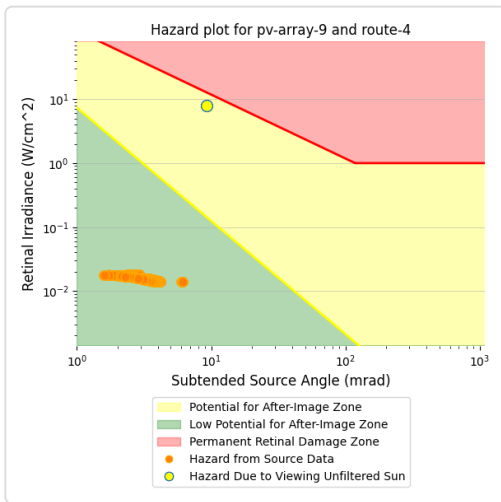
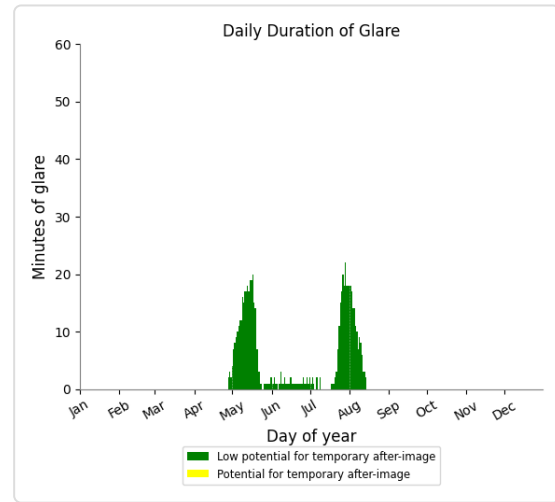
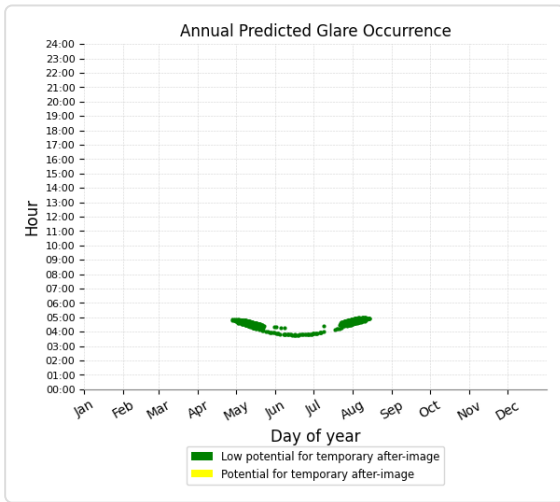
Green glare: 55 min.



PV array 9 and Route: Route 4

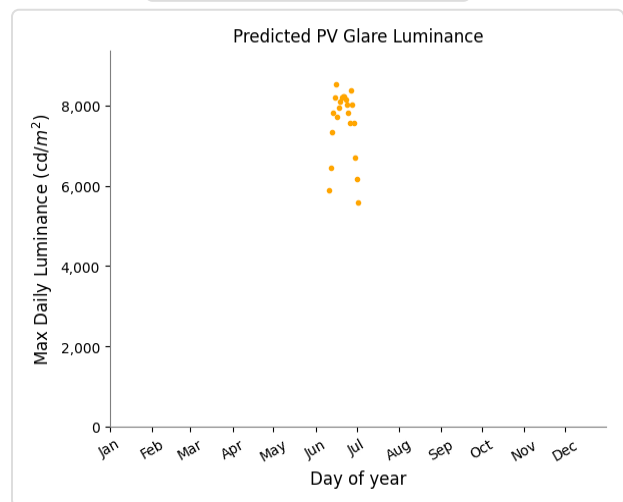
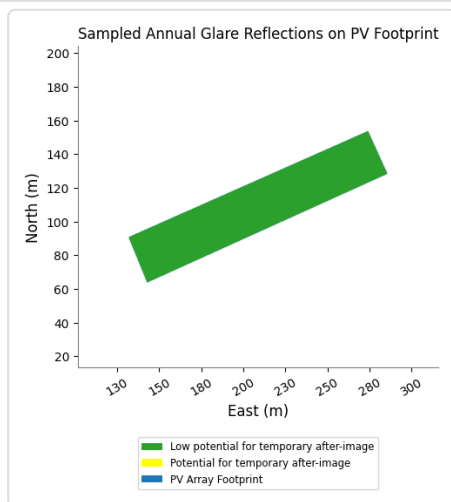
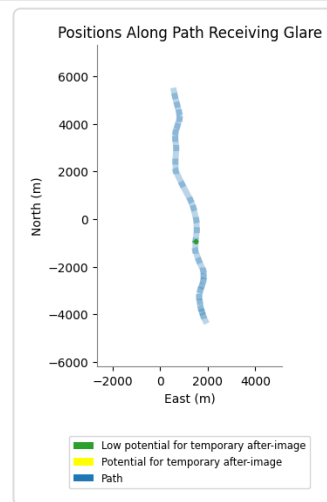
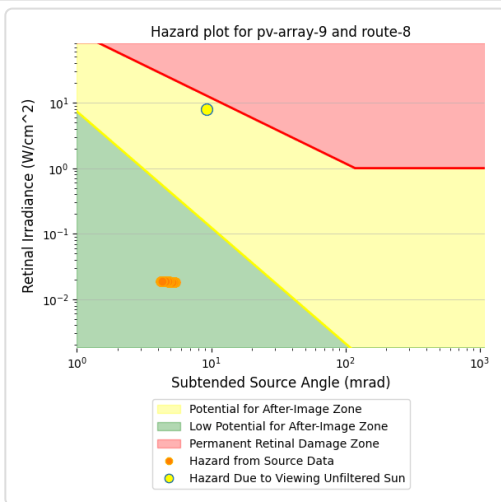
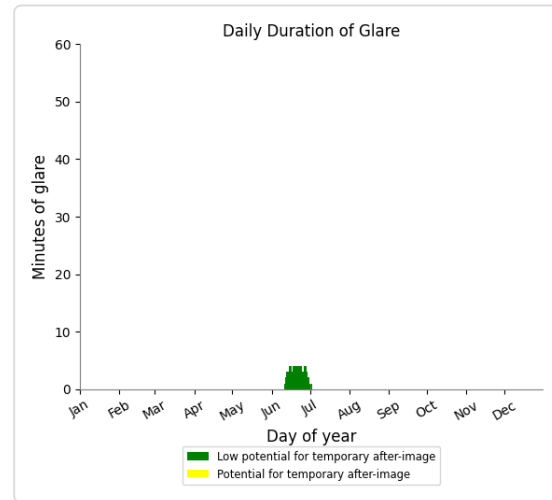
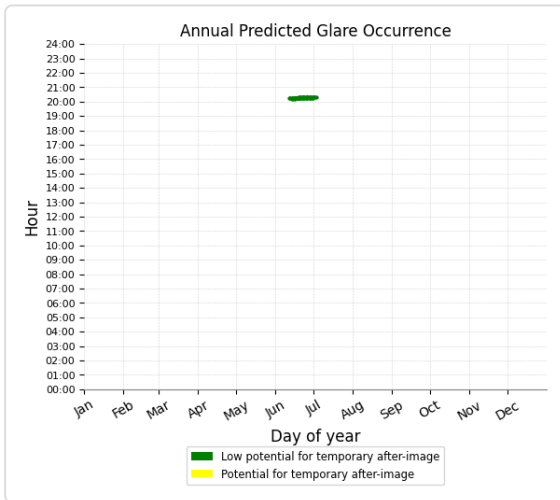
Yellow glare: none

Green glare: 636 min.



PV array 9 and Route: Route 8

Yellow glare: none
Green glare: 69 min.



PV array 9 and Route: Footpath 1

No glare found

PV array 9 and Route: Footpath 2

No glare found

PV array 9 and Route: Footpath 3

No glare found

PV array 9 and Route: Footpath 4

No glare found

PV array 9 and Route: Route 10

No glare found

PV array 9 and Route: Route 11

No glare found

PV array 9 and Route: Route 12

No glare found

PV array 9 and Route: Route 13

No glare found

PV array 9 and Route: Route 14

No glare found

PV array 9 and Route: Route 15

No glare found

PV array 9 and Route: Route 16

No glare found

PV array 9 and Route: Route 2

No glare found

PV array 9 and Route: Route 3

No glare found

PV array 9 and Route: Route 5

No glare found

PV array 9 and Route: Route 6

No glare found

PV array 9 and Route: Route 7

No glare found

PV array 9 and Route: Route 9

No glare found

PV array 9 and FP: FP 1

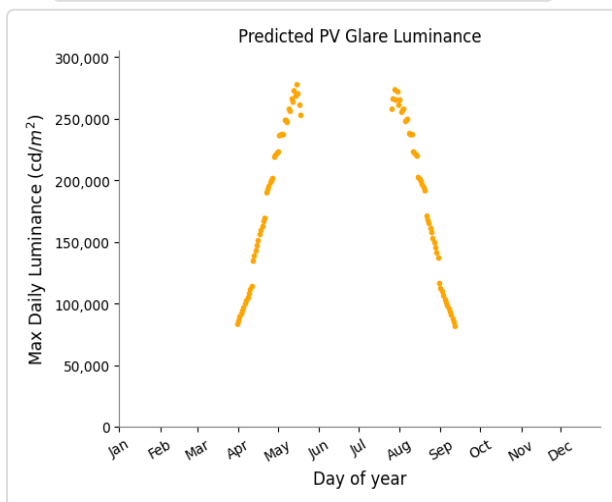
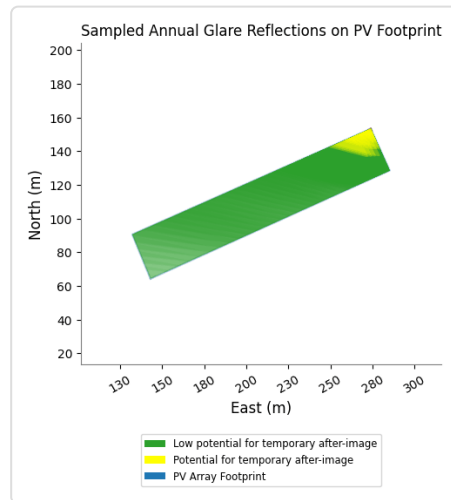
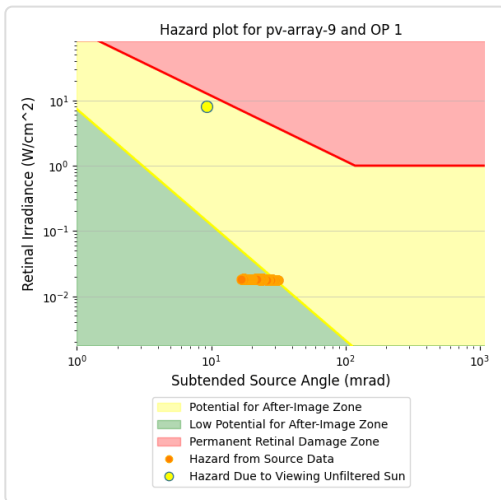
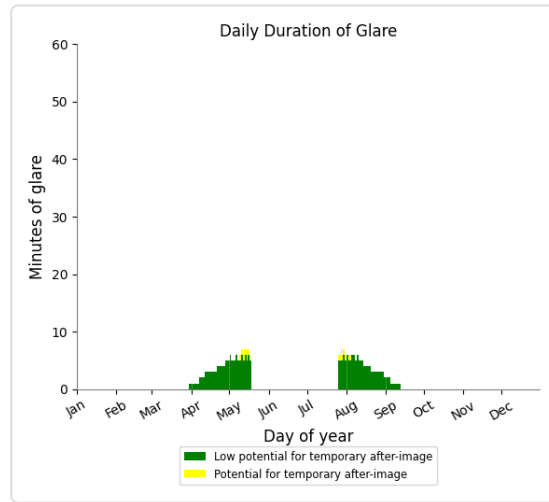
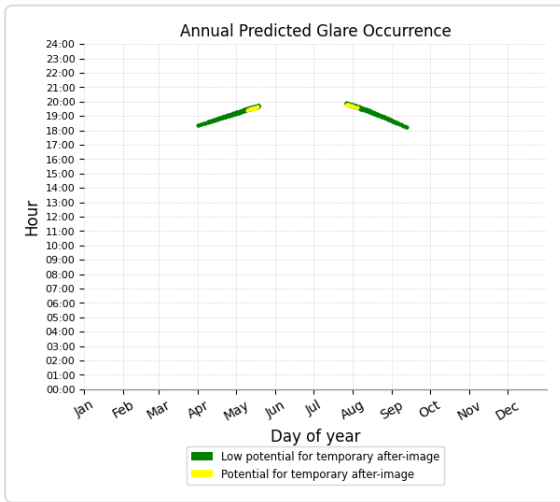
No glare found

PV array 9 and FP: FP 2

No glare found

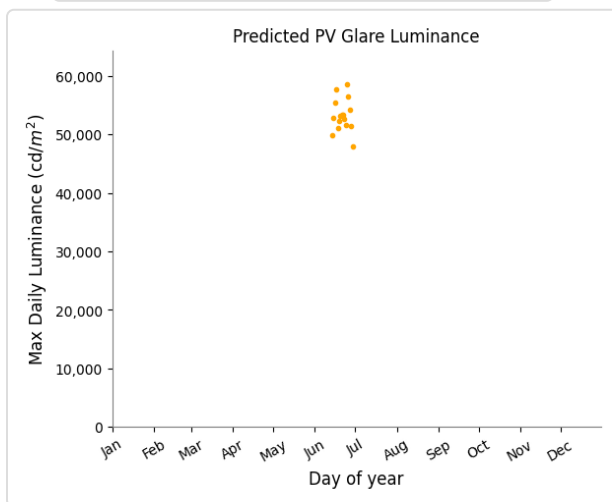
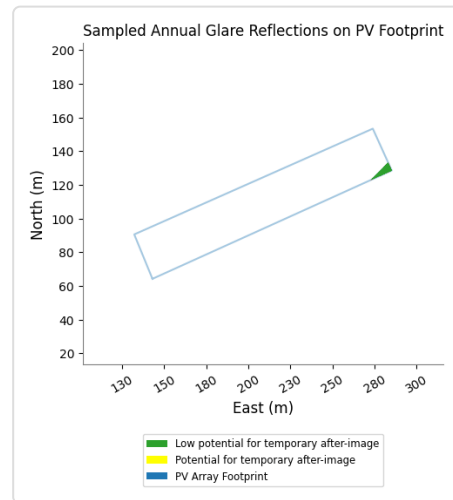
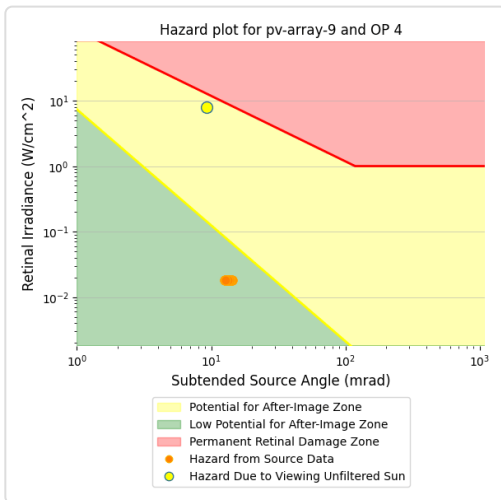
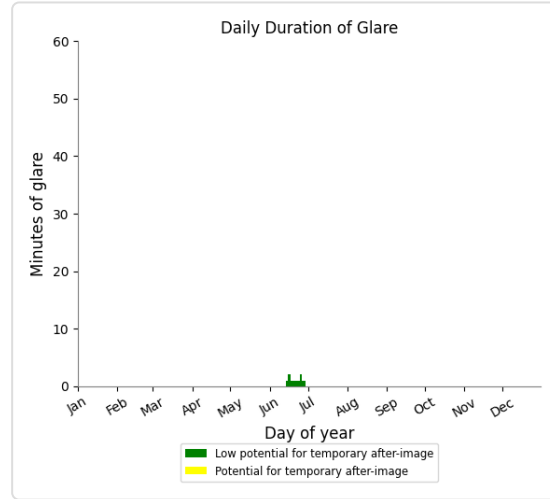
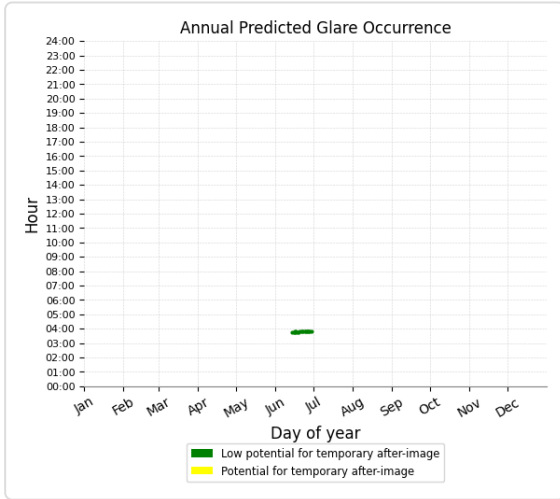
PV array 9 and OP 1

Yellow glare: 21 min.
Green glare: 359 min.



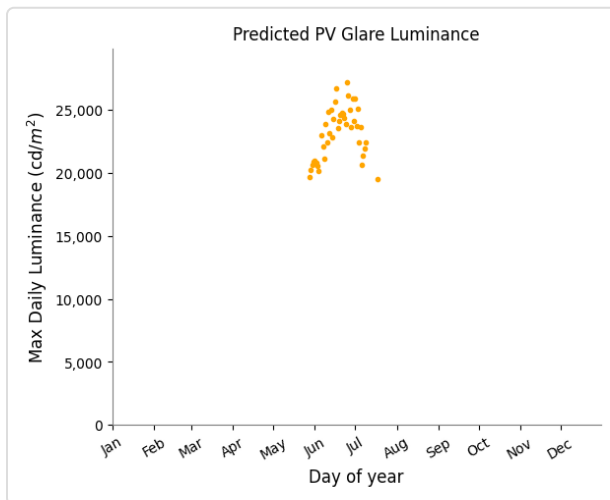
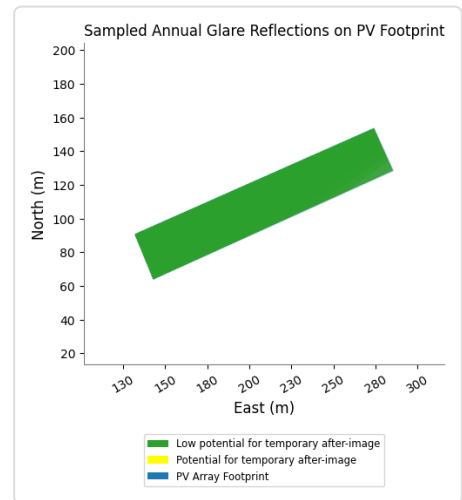
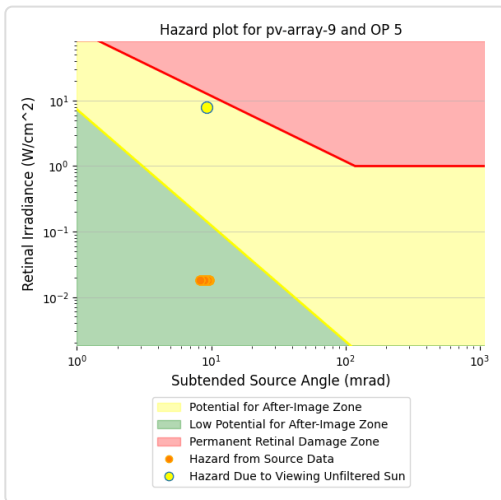
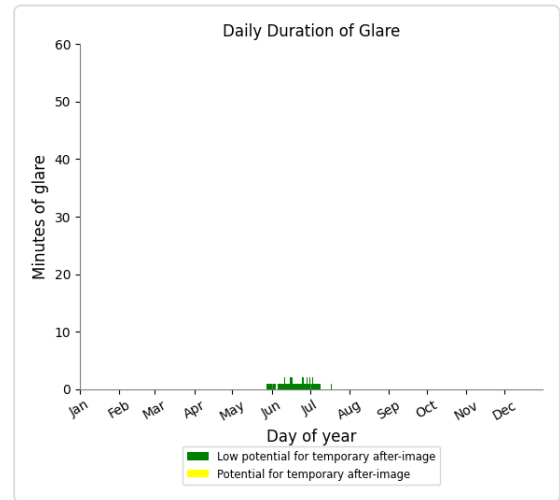
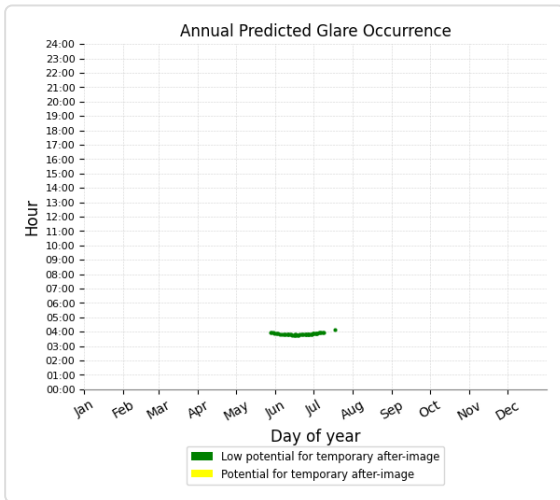
PV array 9 and OP 4

Yellow glare: none
 Green glare: 20 min.



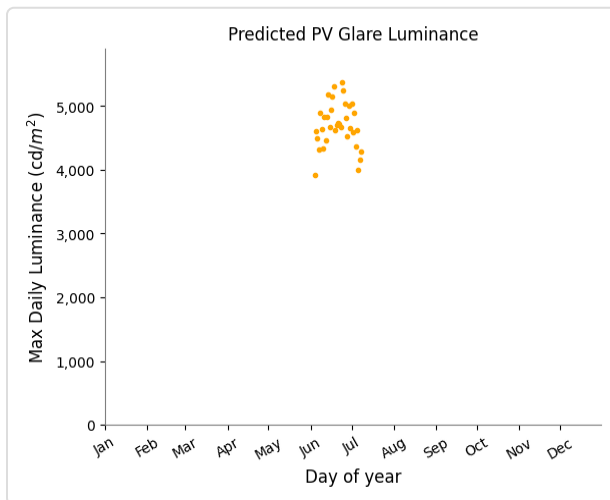
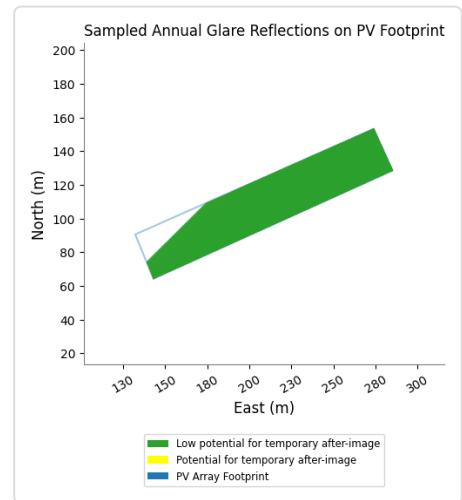
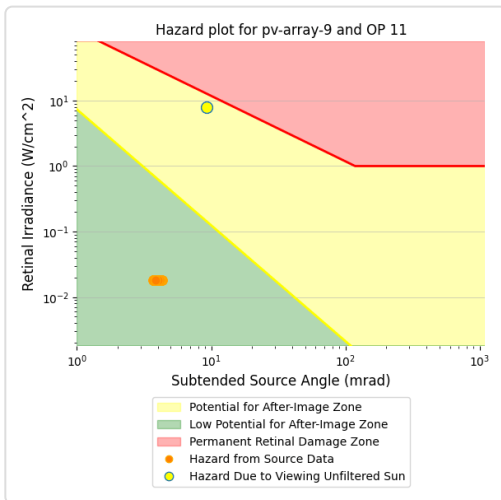
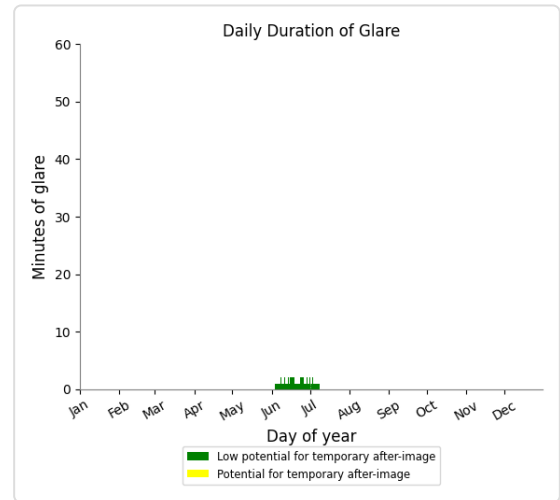
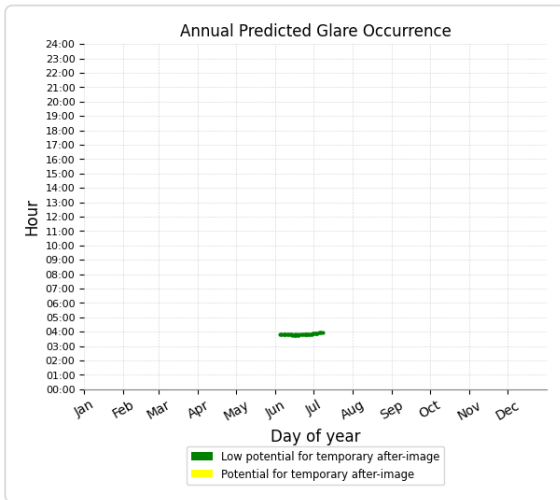
PV array 9 and OP 5

Yellow glare: none
 Green glare: 51 min.



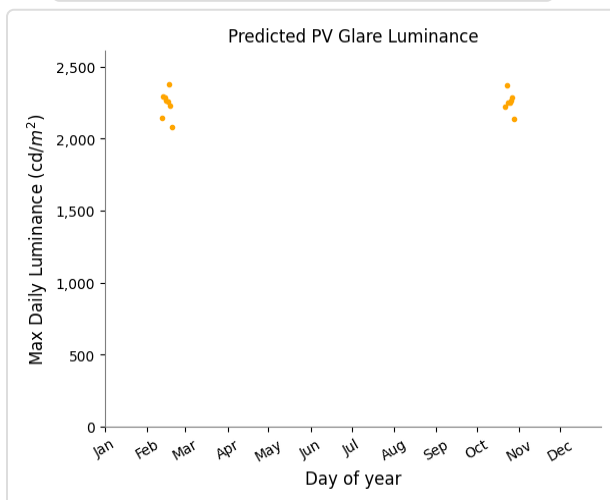
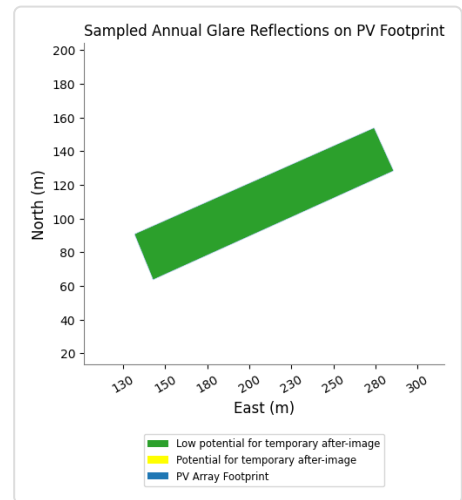
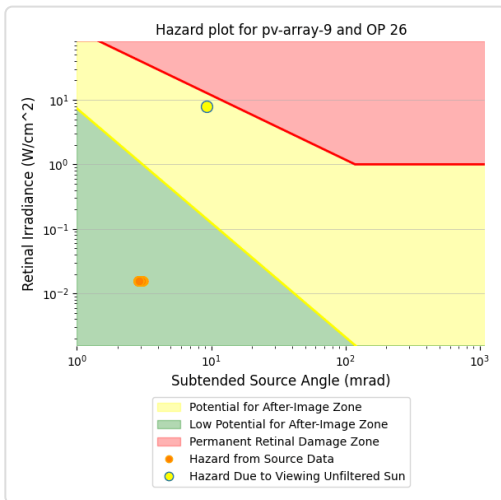
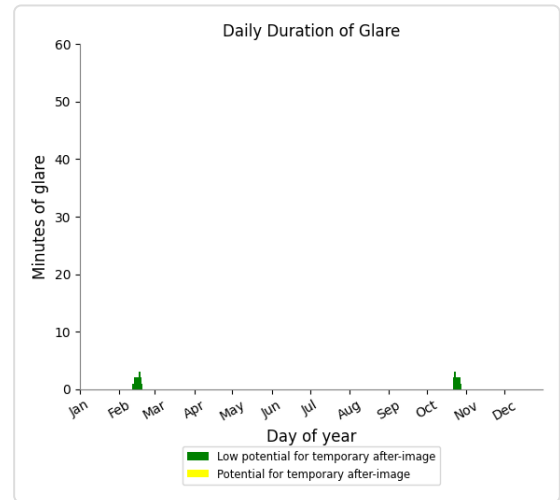
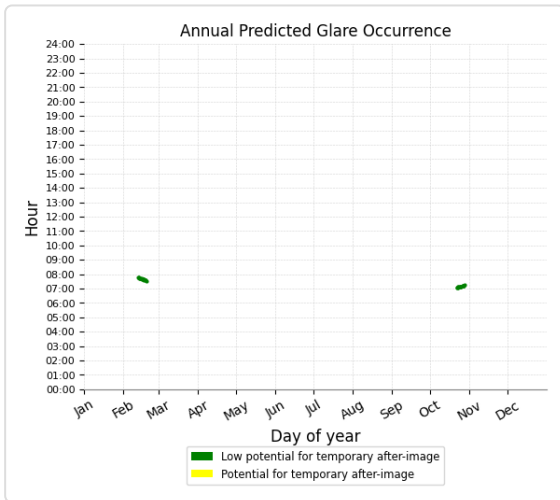
PV array 9 and OP 11

Yellow glare: none
 Green glare: 47 min.



PV array 9 and OP 26

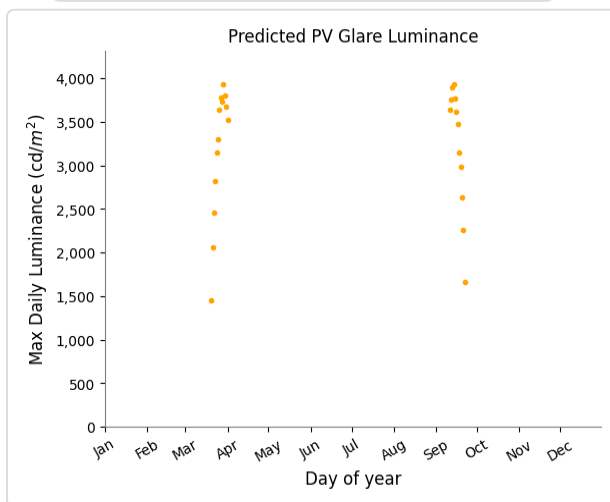
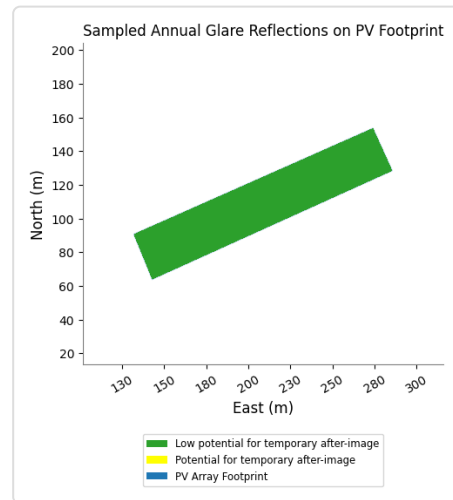
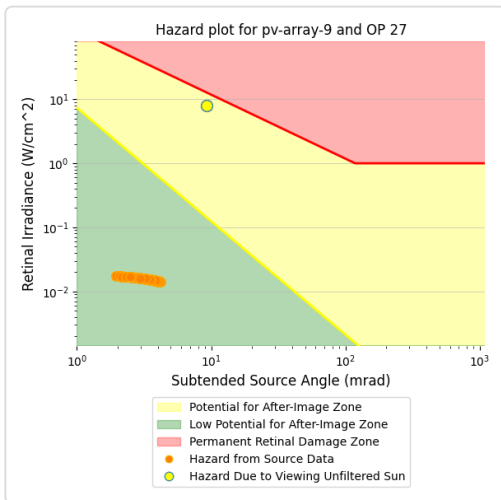
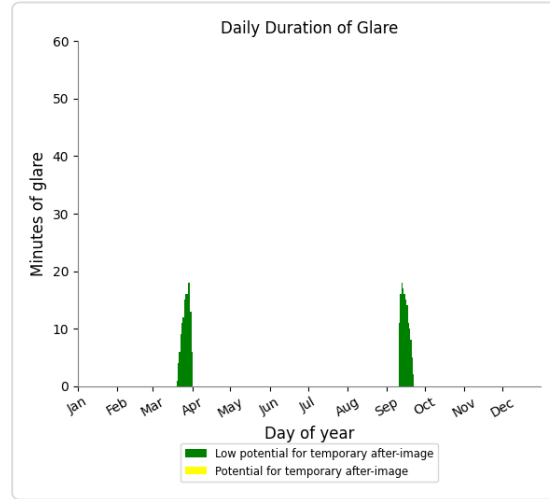
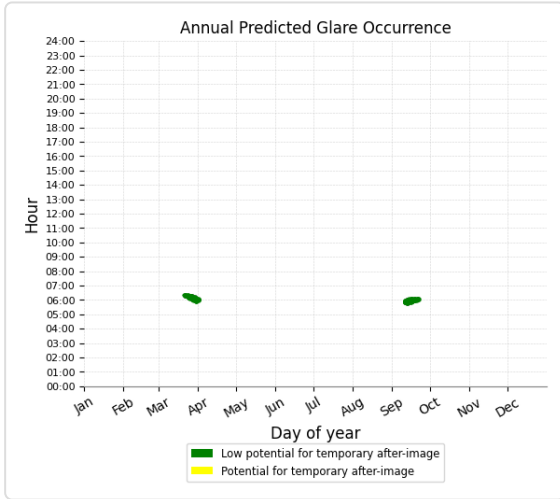
Yellow glare: none
 Green glare: 29 min.



PV array 9 and OP 27

Yellow glare: none

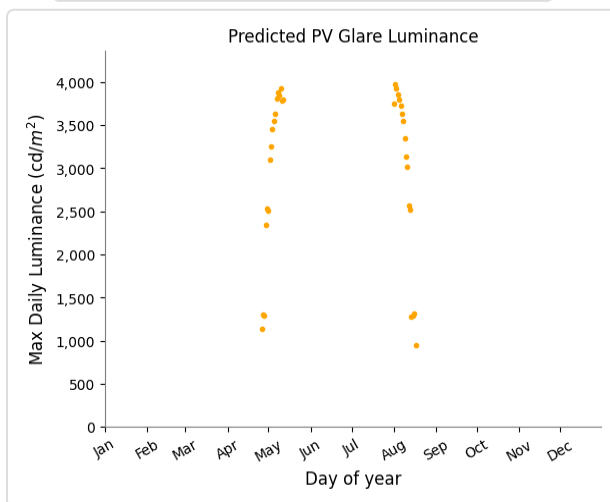
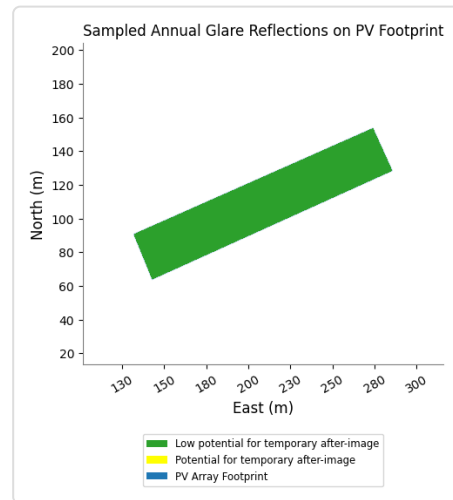
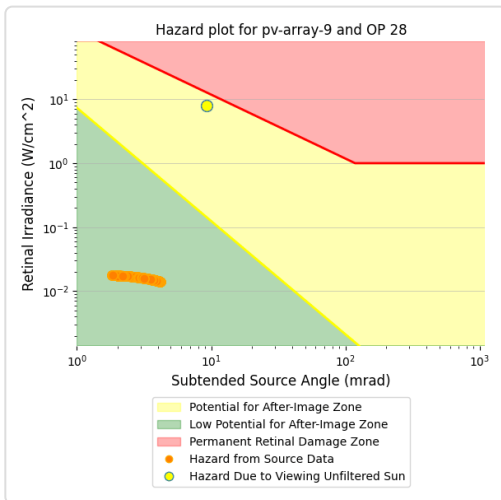
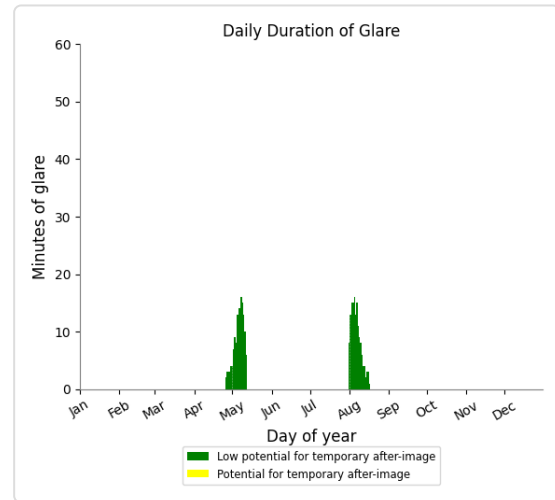
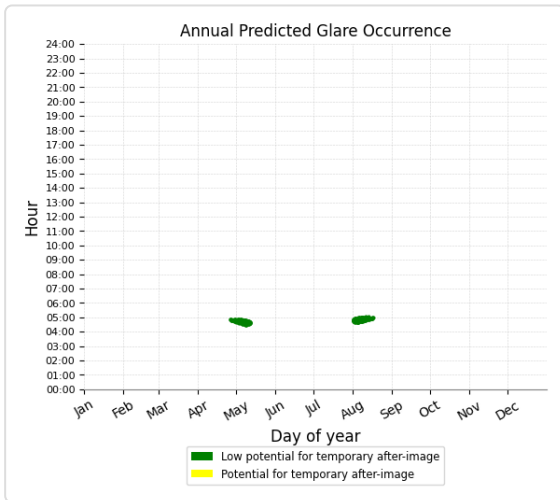
Green glare: 288 min.



PV array 9 and OP 28

Yellow glare: none

Green glare: 290 min.



PV array 9 and OP 2

No glare found

PV array 9 and OP 3

No glare found

PV array 9 and OP 6

No glare found

PV array 9 and OP 7

No glare found

PV array 9 and OP 8

No glare found

PV array 9 and OP 9

No glare found

PV array 9 and OP 10

No glare found

PV array 9 and OP 12

No glare found

PV array 9 and OP 13

No glare found

PV array 9 and OP 14

No glare found

PV array 9 and OP 15

No glare found

PV array 9 and OP 16

No glare found

PV array 9 and OP 17

No glare found

PV array 9 and OP 18

No glare found

PV array 9 and OP 19

No glare found

PV array 9 and OP 20

No glare found

PV array 9 and OP 21

No glare found

PV array 9 and OP 22

No glare found

PV array 9 and OP 23

No glare found

PV array 9 and OP 24

No glare found

PV array 9 and OP 25

No glare found

PV array 9 and OP 29

No glare found

PV array 9 and OP 30

No glare found

Assumptions

"Green" glare is glare with low potential to cause an after-image (flash blindness) when observed prior to a typical blink response time.

"Yellow" glare is glare with potential to cause an after-image (flash blindness) when observed prior to a typical blink response time.

Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.

The algorithm does not rigorously represent the detailed geometry of a system; detailed features such as gaps between modules, variable height of the PV array, and support structures may impact actual glare results. However, we have validated our models against several systems, including a PV array causing glare to the air-traffic control tower at Manchester-Boston Regional Airport and several sites in Albuquerque, and the tool accurately predicted the occurrence and intensity of glare at different times and days of the year.

Several V1 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. This primarily affects V1 analyses of path receptors.

Random number computations are utilized by various steps of the annual hazard analysis algorithm. Predicted minutes of glare can vary between runs as a result. This limitation primarily affects analyses of Observation Point receptors, including ATCTs. Note that the SGHAT/ ForgeSolar methodology has always relied on an analytical, qualitative approach to accurately determine the overall hazard (i.e. green vs. yellow) of expected glare on an annual basis.

The analysis does not automatically consider obstacles (either man-made or natural) between the observation points and the prescribed solar installation that may obstruct observed glare, such as trees, hills, buildings, etc.

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.)

The variable direct normal irradiance (DNI) feature (if selected) scales the user-prescribed peak DNI using a typical clear-day irradiance profile. This profile has a lower DNI in the mornings and evenings and a maximum at solar noon. The scaling uses a clear-day irradiance profile based on a normalized time relative to sunrise, solar noon, and sunset, which are prescribed by a sun-position algorithm and the latitude and longitude obtained from Google maps. The actual DNI on any given day can be affected by cloud cover, atmospheric attenuation, and other environmental factors.

The ocular hazard predicted by the tool depends on a number of environmental, optical, and human factors, which can be uncertain. We provide input fields and typical ranges of values for these factors so that the user can vary these parameters to see if they have an impact on the results. The speed of SGHAT allows expedited sensitivity and parametric analyses.

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.

Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid based on aggregated research data. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.

Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.

Refer to the Help page at www.forgesolar.com/help/ for assumptions and limitations not listed here.

Default glare analysis parameters and observer eye characteristics (for reference only):

- Analysis time interval: 1 minute
- Ocular transmission coefficient: 0.5
- Pupil diameter: 0.002 meters
- Eye focal length: 0.017 meters
- Sun subtended angle: 9.3 milliradians

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