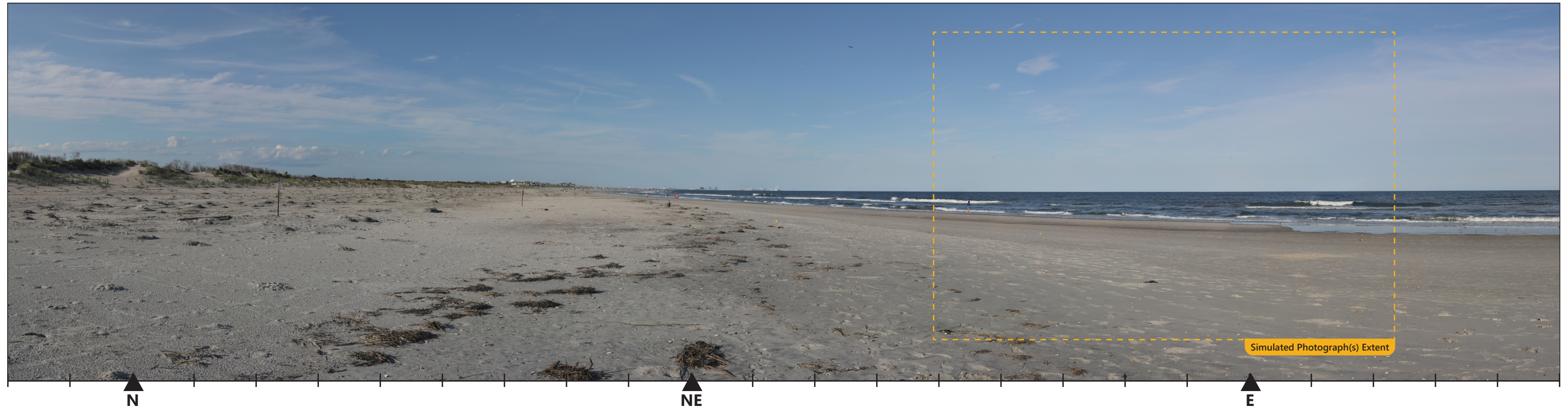
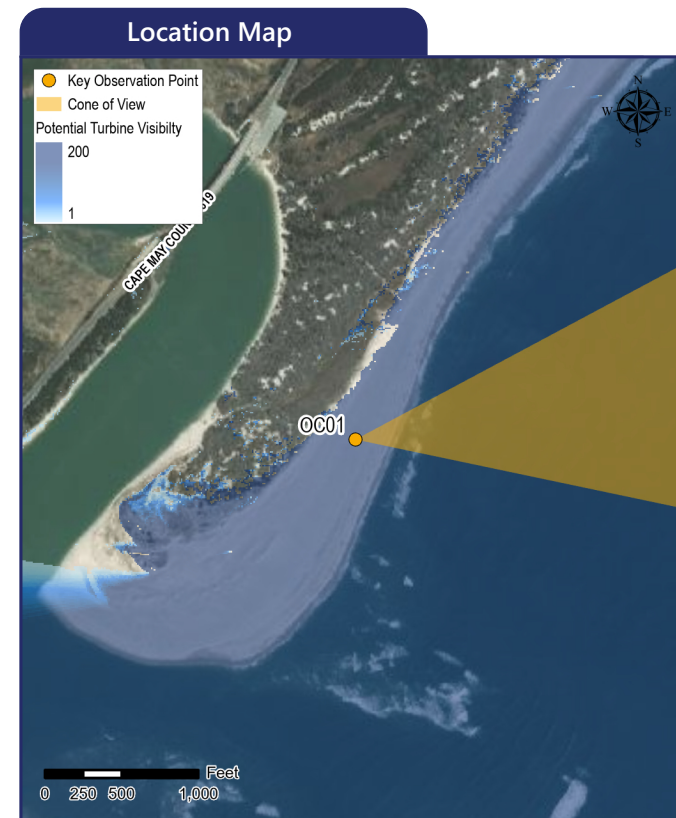


OC01 Corson's Inlet State Park

Ocean City, Cape May County, New Jersey



The image above is a +/- 124° panorama photograph from Corson's Inlet State Park, panning clockwise from north (left) to southeast (right). The yellow rectangle represents the extent of the simulated photograph(s).



Simulation Information

Coordinates: 39.21132°N, 74.64435°W
 Character Area: Undeveloped Beach, Seascapes (SCA)
 User Group: Residents/Tourists, Fishermen
 Direction of View: East-northeast
 Distance to Nearest Visible Turbine: 21.72 miles
 Visually Sensitive Resource: Corson's Inlet State Park

Environmental Information

Date Taken: 08/20/2020
 Time: 6:01 PM
 Temperature: 76°F
 Humidity: 62%
 Visibility: 10 miles
 Wind Direction: South
 Wind Speed: 7 mph
 Conditions Observed: Partly Cloudy

Photograph Information

Camera: Canon EOS 5D Mark IV
 Resolution: 30.4 Megapixels
 Focal Length: 50mm
 Camera Height: 7.91 feet AMSL

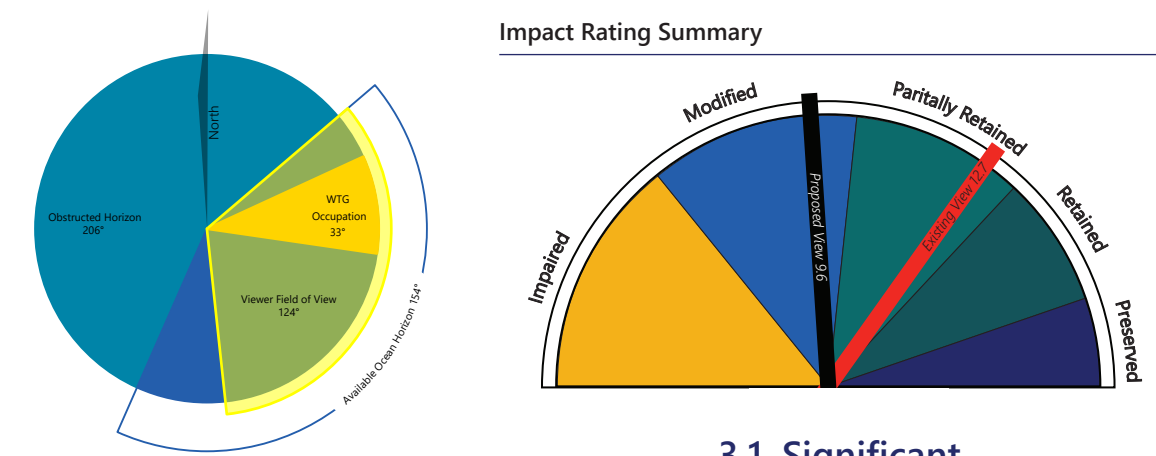
Notes

Printed at 100%, the photosimulations are 15 inches wide by 10 inches high. At this size, the photosimulation(s) should be viewed from a distance of 21 inches.

Simulated Photograph(s)



Field of View Visual Impact Rating



Visual Threshold Level (VTL)

4 An object/phenomenon that is obvious and with sufficient size or contrast to compete with other landscape/seascape elements, but with insufficient visual contrast to strongly attract visual attention and insufficient size to occupy most of an observer's visual field.

Principles of Composition and Factors Affecting Visual Impact Summary

Design Elements	Description
Focal Point	Lump of dark sea grass is a focal point, but the contrast between sand, ocean and sky also draws attention.
Order	The natural order of the sand, sea, sky and variety in neutral tones and blue hues, re-centers the viewer after being distracted by the lump of dark sea grass.
Visual Clutter	The centrally located lump of dark sea grass is a point of distraction from the view.
Movement	Human activity on the beach, boats on the water, and the movement of waves and wildlife.
Duration & Frequency of View	Short Term/Fleeting & Long-term Occasional
Atmospheric Conditions	Clouds are visible, but do not contribute to much decrease in visibility, overcast/hazy conditions would likely cause decrease.
Lighting Direction	Frontlit
Scenic or Recreational Value	This State Park provides location for variety of beach enjoyment, bird watching, and fishing.; Corson's Inlet State Park.

Compatibility and Contrast Rating Average

Corson's Inlet State Park			
Resource	Compatibility	Scale	Spatial Dominance
Water Resources	2.1	1.9	1.9
Landform	1.8	1.5	1.5
Vegetation	0.3	0.3	0.3
Land Use	2.0	1.8	1.8
User Activity	2.3	1.8	2.0

1 – Compatible
 2 – Somewhat Compatible
 3 – Not Compatible
 1 – Minimal
 2 – Moderate
 3 – Severe
 1 – Subordinate
 2 – Co-Dominant
 3 – Dominant

Existing Conditions

Scenic Quality: Partially Retained
 Rating Panel Score Average: 12.7
 Rating Panel Score Range: 11.2 - 14.2

This view is from the Corson's Inlet State Park, in Ocean City. According to the New Jersey State Park Service, Corson's Inlet State Park was established in 1969 to help protect and preserve one of the last undeveloped tracts of land in Ocean City and the State of New Jersey. The park offers rich marine estuaries, diverse ecosystems, and is used by the public for bird watching, walking, jogging, sunbathing, and surf fishing. The view to the east-northeast from this location includes an undeveloped sandy beach at low tide. An expanse of relatively level exposed sand extends from the wrack line in the immediate foreground to a line of surf in the middle ground. Beyond the surf line, the slate blue ocean extends without interruption to the horizon line where it meets the light blue sky. However, on the left side of the view, small beachfront homes can be seen extending along the vast shoreline as far as the eye can see. Beyond the homes, the tall building and dense urban development of Atlantic City can be detected in the background. Although the immediate foreground appears pristine and undeveloped, the heavily modified and developed shoreline is readily apparent to viewers. Rating panel members indicated that, "the undeveloped expanse also indicates a preservation land use. However, just beyond the framed view the context image indicates heavy development on the distant horizon indicating this preserved landscape is distinct". Rating panel scores for the existing conditions photographs ranged from 11.2 to 14.2 (average score = 12.7). The score for this KOP indicates that this KOP is partially retained.

Proposed Conditions

Scenic Quality: Modified
 Rating Panel Score Average: 9.6
 Rating Panel Score Range: 5.8 - 11.7
 Impact Magnitude: 3.1 (Significant)

Viewshed analysis suggests that Project visibility from this general area will be available along the beach, but partially blocked in the dunes behind it. Views again become available as one heads into the open salt marsh to the west (inland) of the dunes.

With the proposed Project in place, the WTGs appear very faint against the blue sky in their front-lit condition. Of the 154 degrees of relatively unobstructed ocean horizon, the Project occupies approximately 32.7 degrees or 21 percent of the available ocean horizon (see Field of View Image, left). Project visibility is subdued by the relative distance of the WTGs (21.7 miles) and lighting conditions that make the WTGs appear relatively faint against the light blue sky. Rating panel members had a somewhat variable range of reactions to the impact resulting from the Project WTGs, with the VIA scores ranging from 5.8 to 11.7 (average score = 9.6). These scores indicate an average reduction of 3.1 points and significant visual impacts. Individual rating panel members scores ranged from 0.7 to 8.3. Panel members indicated that the WTG's do not immediately attract viewer attention. One panel member commented that, "front-lit turbines within this location sit lightly on the deep blue horizon. The white color of the turbines provides a low contrast with the pale blue sky and assists in softening the visual effects. Despite this softened affect, the open and expansive ocean view is still diminished by the presence of the expanse of turbines." The movement of the rotor blades will also attract viewer attention and make the WTGs the focus of this view. Although the visibility and visual dominance of the WTGs is likely to be reduced under more hazy sky conditions. With the Project in place, the view becomes modified, and the visual impacts were considered to be significant.

Considering the scale, compatibility, and spatial dominance factors that influenced the visual impact rating at this KOP, panel ratings indicated that the WTGs present moderate scale contrast with the ocean (water resources), land use, landform, and user activity. The panel scores also indicate that the WTGs are not compatible with water resources, landform, land use, and user activity. The WTGs would become the co-dominant feature in the seascape when compared to the existing water resources, landform, land use, and user activity. Consistent with the anticipated compatibility, scale contrast, and spatial dominance impacts associated with the Project, panel members assigned the Project visibility an average VTL of 4 from this KOP.

OC01 Corson's Inlet State Park

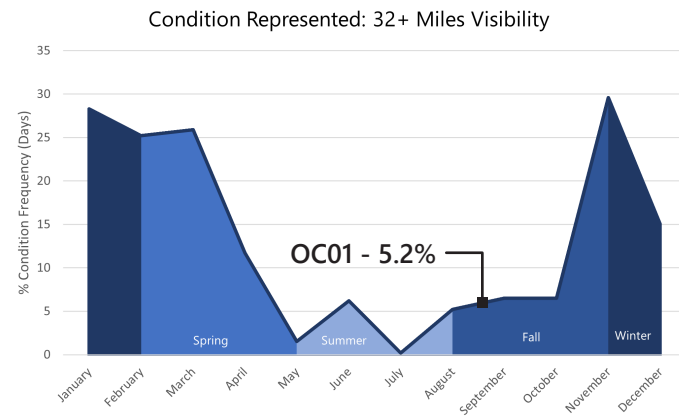
Ocean City, Cape May County, New Jersey

KOP Information

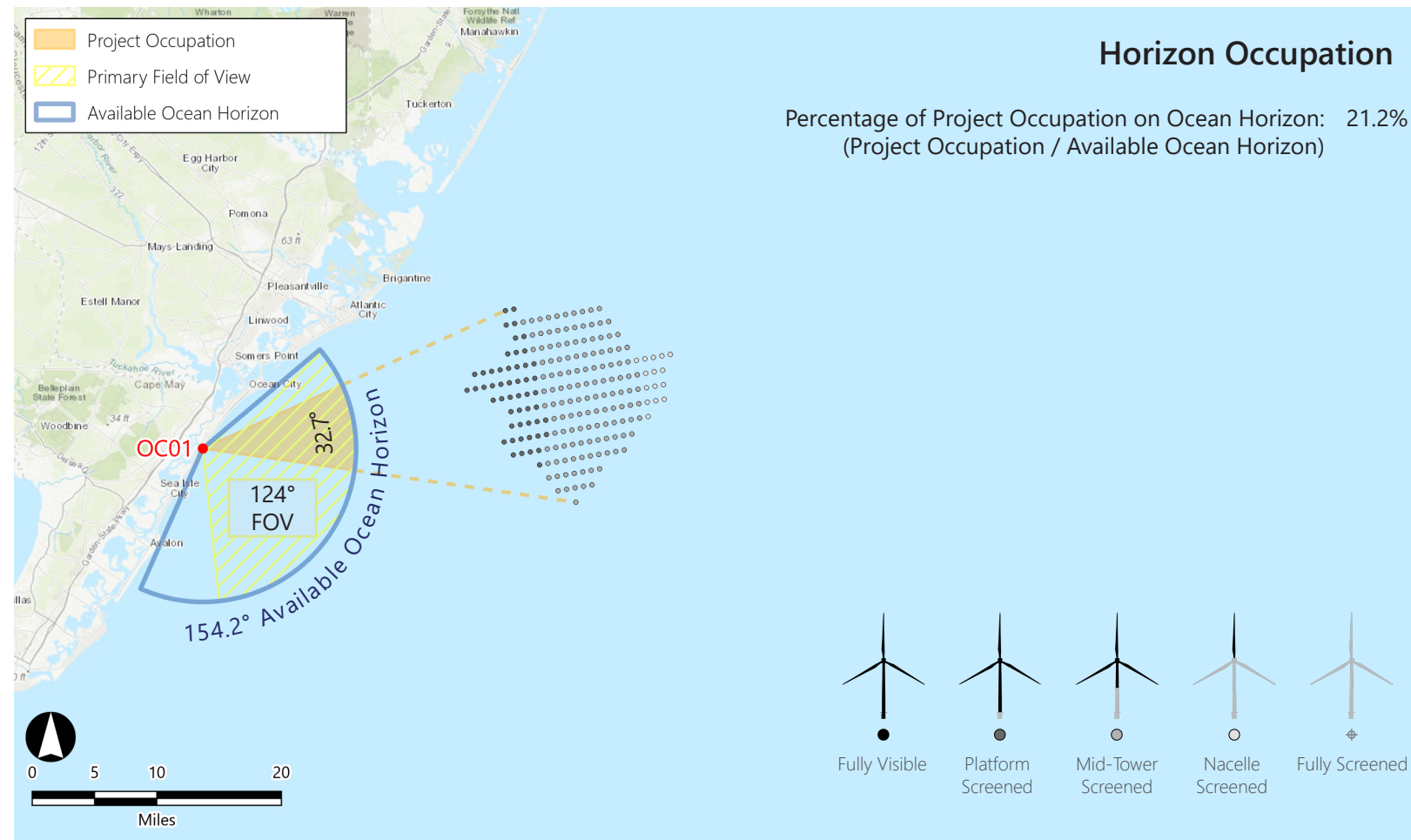
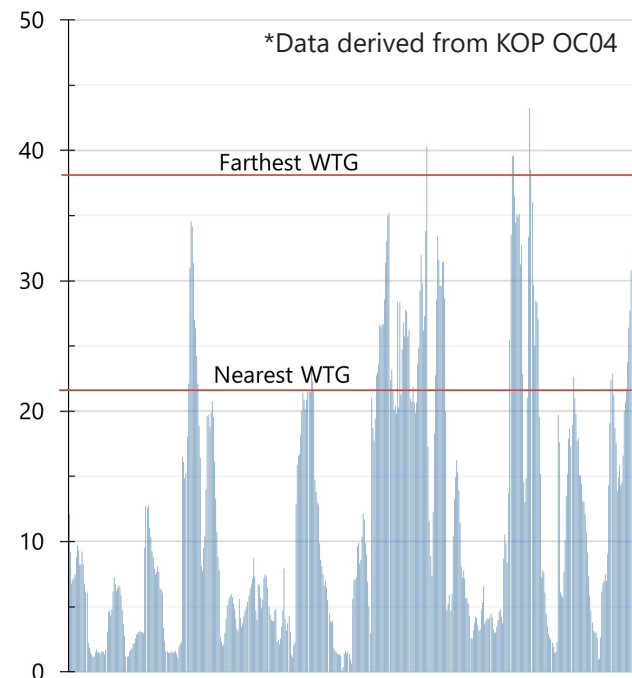
Primary Field of View: East
 Distance to Closest WTG: 21.72 miles
 Camera Height: 7.91 ft
 User Groups: Residents, Tourists, Fishermen

Atmospheric Perspective

The effect the atmosphere has on the appearance of an object as viewed from a distance.



September, 2019 - Hourly Visibility Distance



WTG Color Contrast

Color Contrast Rating:

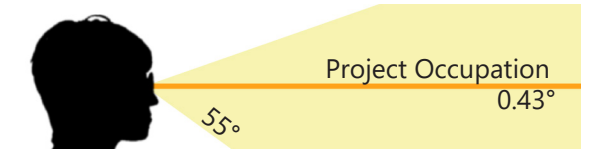


Lighting Condition: Front lit
 Season: Summer
 Sky Condition: Fair
 Atmospheric Condition: > 10 Miles

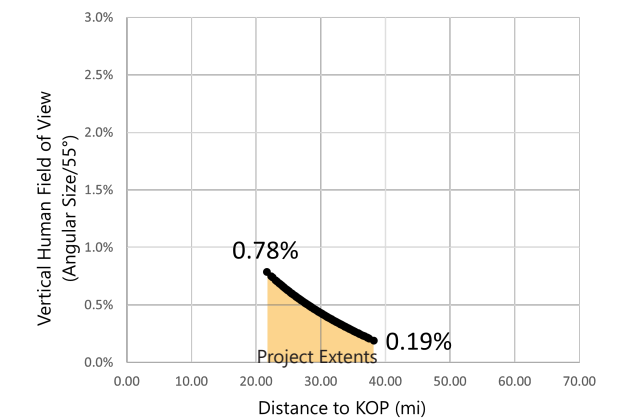
SIMILAR VIEWING PARAMETERS:

KOP BRT01 illustrates the project from 18.47 miles in the back lit condition. This provides an indication of how the turbines may appear from this KOP during midday conditions.

Vertical Occupation



Percentage of Human FOV: 0.78% (0.43° / 55°)
 (Considering the nearest visible turbine)



Existing Conditions



Atlantic Shores Offshore Wind Project

Outer Continental Shelf - New Jersey
Key Observation Point: OC01 - Corson's Inlet State Park
Attachment E: Photosimulations; Page 148 of 159

Printed at 100% the resulting photosimulation size is 15 inches wide by 10 inches high. At this size and focal length, the photosimulation should be viewed from a distance of 21 inches.



This scale is designed to insure the photosimulation images are printed at the intended size.

Photosimulation



Atlantic Shores Offshore Wind Project

Outer Continental Shelf - New Jersey
Key Observation Point: OC01 - Corson's Inlet State Park
Attachment E: Photosimulations: Page 149 of 159

Printed at 100% the resulting photosimulation size is 15 inches wide by 10 inches high. At this size and focal length, the photosimulation should be viewed from a distance of 21 inches.



This scale is designed to insure the photosimulation images are printed at the intended size.