



KOP 13: Mantoloking | Season: Winter | Time of Day: Noon

Base Photographic Documentation

Date (MM/DD/YYYY):	1/26/2023
Time (24hr):	11:36
GPS Longitude:	-74.04981478
GPS Latitude:	40.03669028
Viewpoint Elevation (ft):	13.58
Camera Height (ft):	5.41
Camera Heading (°):	114
Camera Direction:	ESE

Camera Information

Canon EOS 5DS R
36mm x 24mm
Sigma F1.4 DG HSM A017
20mm
65.47° (H) / 46.397° (V)

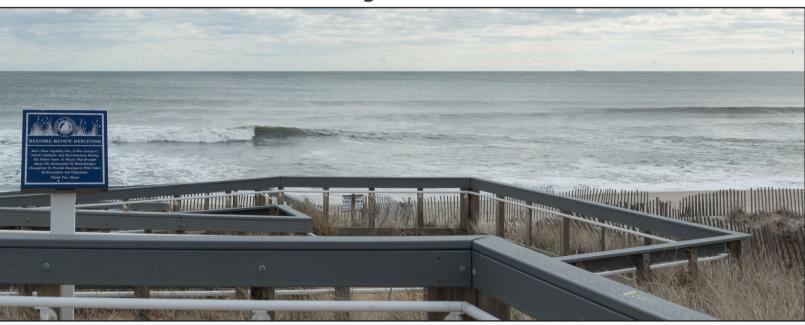
Sun And Weather Information

Sun Azimuth:	168.24
Sun Elevation:	30.49
Lighting Angle (On Turbines):	Top-Right Lit
Weather Conditions:	Cloudy
Maximum Visibility (NM):	23.21
Temperature (°F):	43
Temperature (°C):	6.11
Humidity (%):	53

Viewing Instructions

11 x 17 inch Printed Display: On-Screen Display:

Distance is 19.7 inches (500mm) Distance is 19.7 inches (500mm)



Context Map

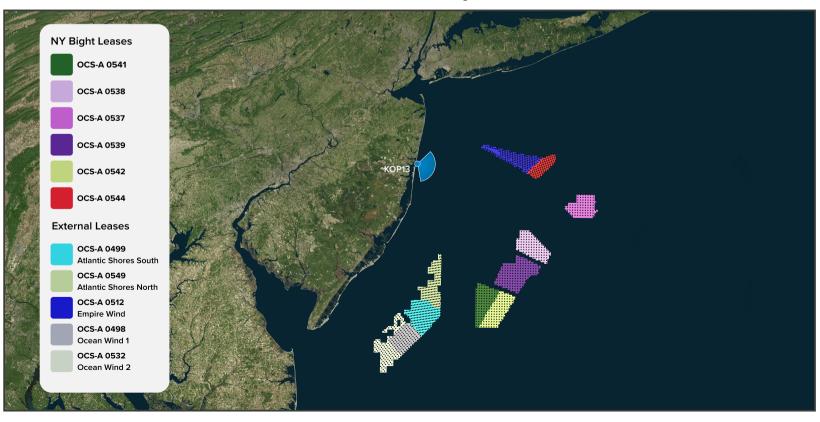


Image Preview

• Key Observation Point (KOP)

• Turbines







NY Bight Turbine Information - 1312ft (399.9m)

Lease Area	Distance to	Turbines Visible		
	Nearest Turbine in Miles (km)	Blade Tip	Hub	Mid Tower
Total	-	275	0	0
OCS-A 0544	46.79 (75.31)	21	0	0
OCS-A 0537	61.63 (99.18)	0	0	0
OCS-A 0538	44.08 (70.93)	103	0	0
OCS-A 0539	44.99 (72.41)	102	0	0
OCS-A 0541	44.65 (71.86)	49	0	0
OCS-A 0542	53.31 (85.79)	0	0	0

Blade tip counts are a summation of only blade tips visible, only hubs visible, and mid-towers visible. Hub counts are a summation of only hubs visible and mid towers visible.

Turbine Visibility	Turbine Visibility & Percentage		
Amount of Nearest Turbine Hidden in ft (m)	1000.9 (305.1)		
Percent of Nearest Turbine Hidden (%)	76.3%		
Amount of Nearest Turbine Visible in ft (m)	311.2 (94.8)		
Percent of Nearest Turbine Visible (%)	23.7%		

NY Bight Turbine Specifications

Turbine Components	Measurements ft (m)			
Rotor Diameter in ft (m)	1212 (369.4)			
Total Height to Tip of Blade in ft (m)	1312 (399.9)			
Hub Height in ft (m)	706 (215.2)			
Support Structure Height in ft (m)	25 (7.6)			
Service Platform in ft (m)	100 (30.5) × 200 (61.0) Steel Platform above MWS			
Total Number of Turbines	1481			

NY Bight Turbine Information - 853ft (260m) No Simulation

Lease Area	Distance to	Turbines Visible		
	Nearest Turbine in Miles (km)	Blade Tip	Hub	Mid Tower
Total	-	0	0	0
OCS-A 0544	46.79 (75.31)	0	0	0
OCS-A 0537	61.63 (99.18)	0	0	0
OCS-A 0538	44.08 (70.93)	0	0	0
OCS-A 0539	44.99 (72.41)	0	0	0
OCS-A 0541	44.65 (71.86)	0	0	0
OCS-A 0542	53.31 (85.79)	0	0	0

Blade tip counts are a summation of only blade tips visible, only hubs visible, and mid-towers visible. Hub counts are a summation of only hubs visible and mid towers visible

Visible.	
Turbine Visibility	Turbine Visibility & Percentage
Amount of Nearest Turbine Hidden in ft (m)	853 (260)
Percent of Nearest Turbine Hidden (%)	100%
Amount of Nearest Turbine Visible in ft (m)	0.0 (0.0)
Percent of Nearest Turbine Visible (%)	0.0%

NY Bight Turbine Specifications

	•
Turbine Components	Measurements ft (m)
Rotor Diameter in ft (m)	722 (220.1)
Total Height to Tip of Blade in ft (m)	853 (260)
Hub Height in ft (m)	361 (110)
Support Structure Height in ft (m)	25 (7.6)
Service Platform in ft (m)	100 (30.5) × 200 (61.0) Steel Platform above MWS
Total Number of Turbines	1481

ble
Mid
Tower
N/A

1312ft (399.9m)			853ft (2	60m) - No Sii	mulation
		,			
Blade Tip	Hub	Mid Tower	Blade Tip	Hub	Mid Tower
477	43	0	202	43	0

The cumulative mid tower counts for both turbine heights are conservative values due to having no mid tower data for the external leases.

Lease Area	Rotor Diameter in ft (m)	Total Height to Tip of Blade in ft (m)	Hub Height in ft (m)	Support Structure Height in ft (m)
OCS-A 0499	918.6 (279.9)	1049 (319.7)	577 (176)	25 (7.6)
OCS-A 0549	918.6 (279.9)	1049 (319.7)	577 (176)	25 (7.6)
OCS-A 0512	853 (259.9)	951 (290)	525 (160)	25 (7.6)
OCS-A 0498	788 (240.1)	906 (276)	512 (156)	25 (7.6)
OCS-A 0532	788 (240.1)	906 (276)	512 (156)	25 (7.6)

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External Turbine Information No Simulation

Cumulative Turbine Visibility (Total WTG Count for NY Bight + External Leases)

External Turbine Specifications



KOP 13, Mantoloking, Noon, Heading 114° **- Existing View**

For on-screen display: Scale bar to be 4 inches wide Viewing distance 19.7 inches

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KOP 13, Mantoloking, Noon, Heading 114° - Proposed View - NY Bight Leases (1312ft) - Predicted Visibility

For on-screen display: Scale bar to be 4 inches wide Viewing distance 19.7 inches

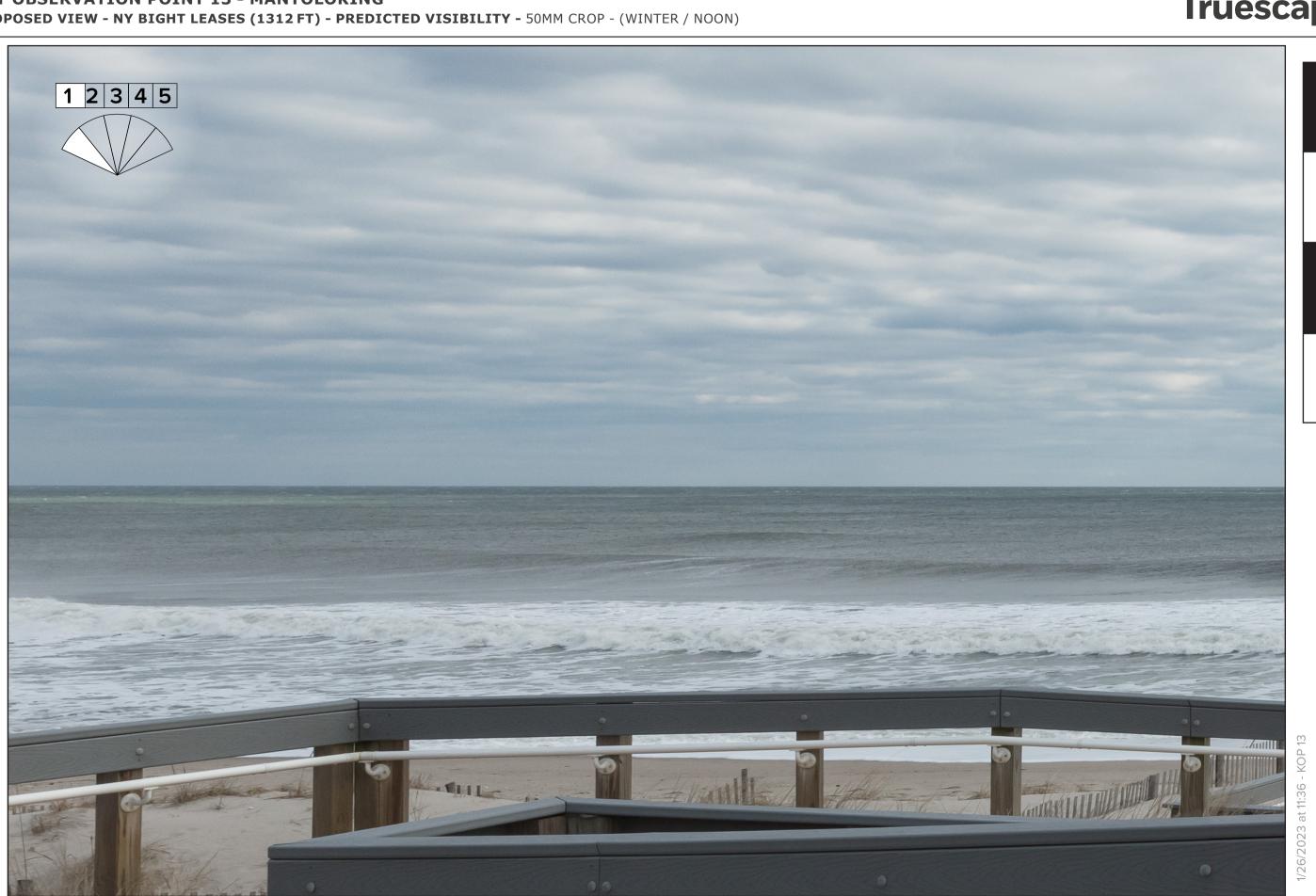
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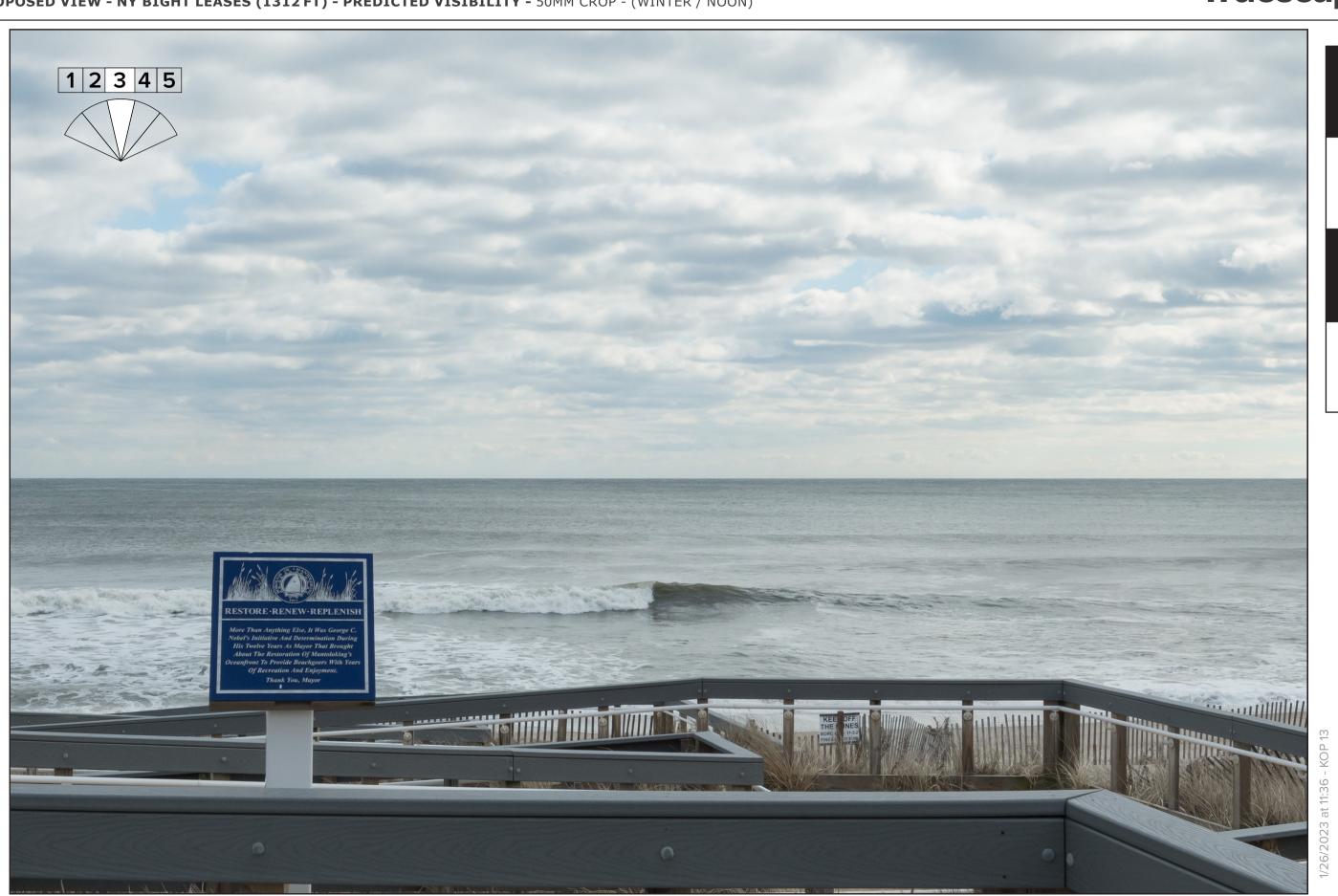
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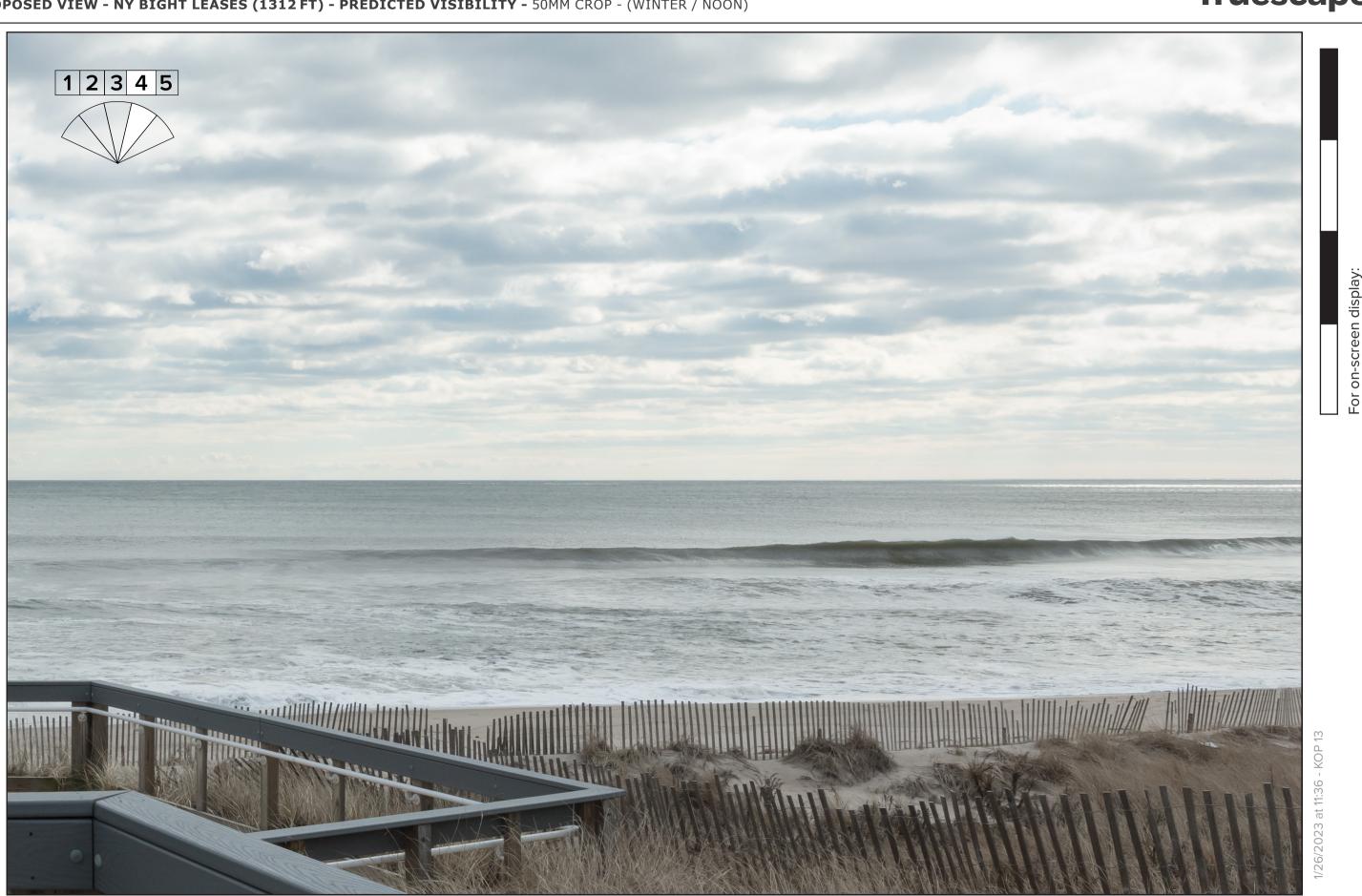
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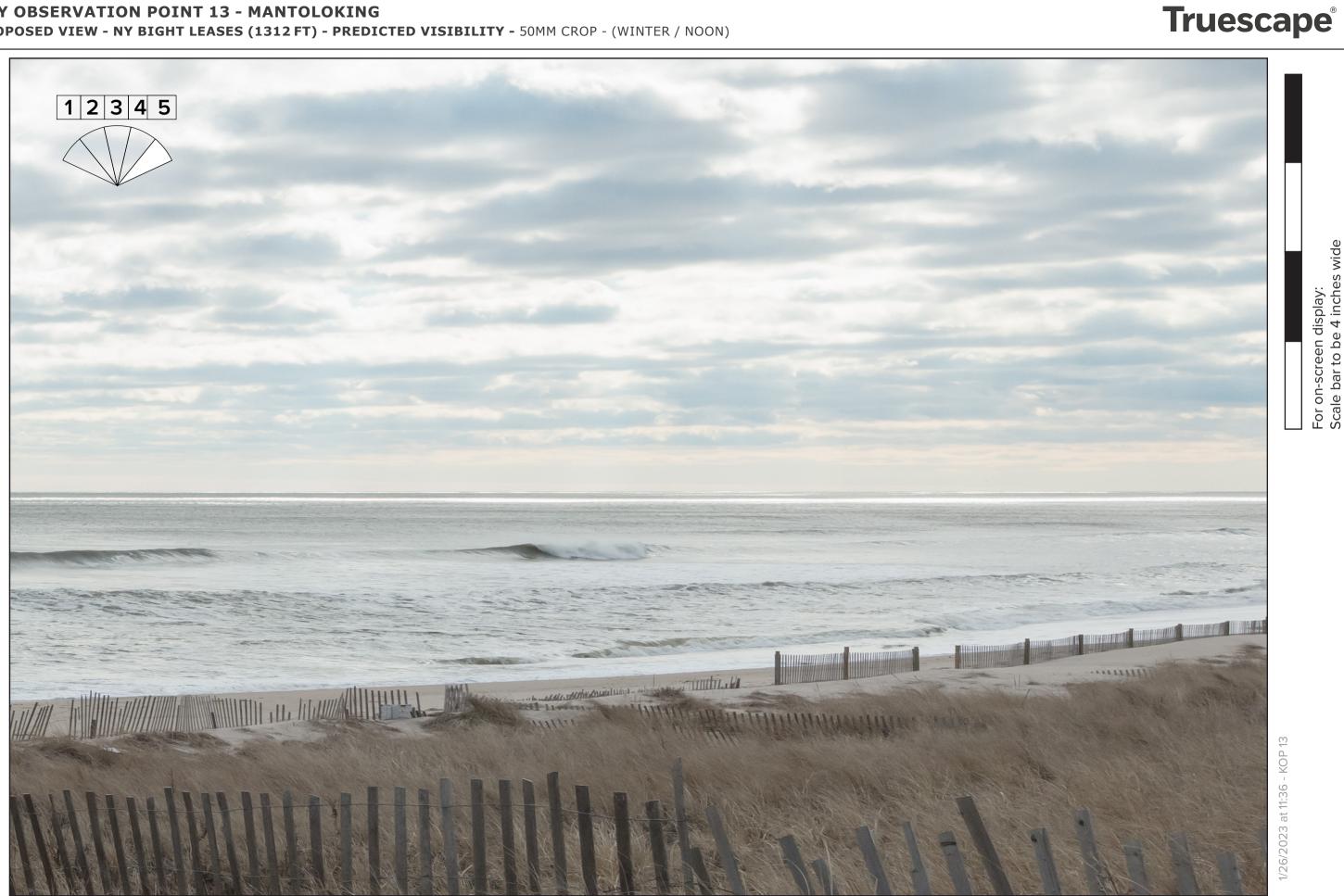
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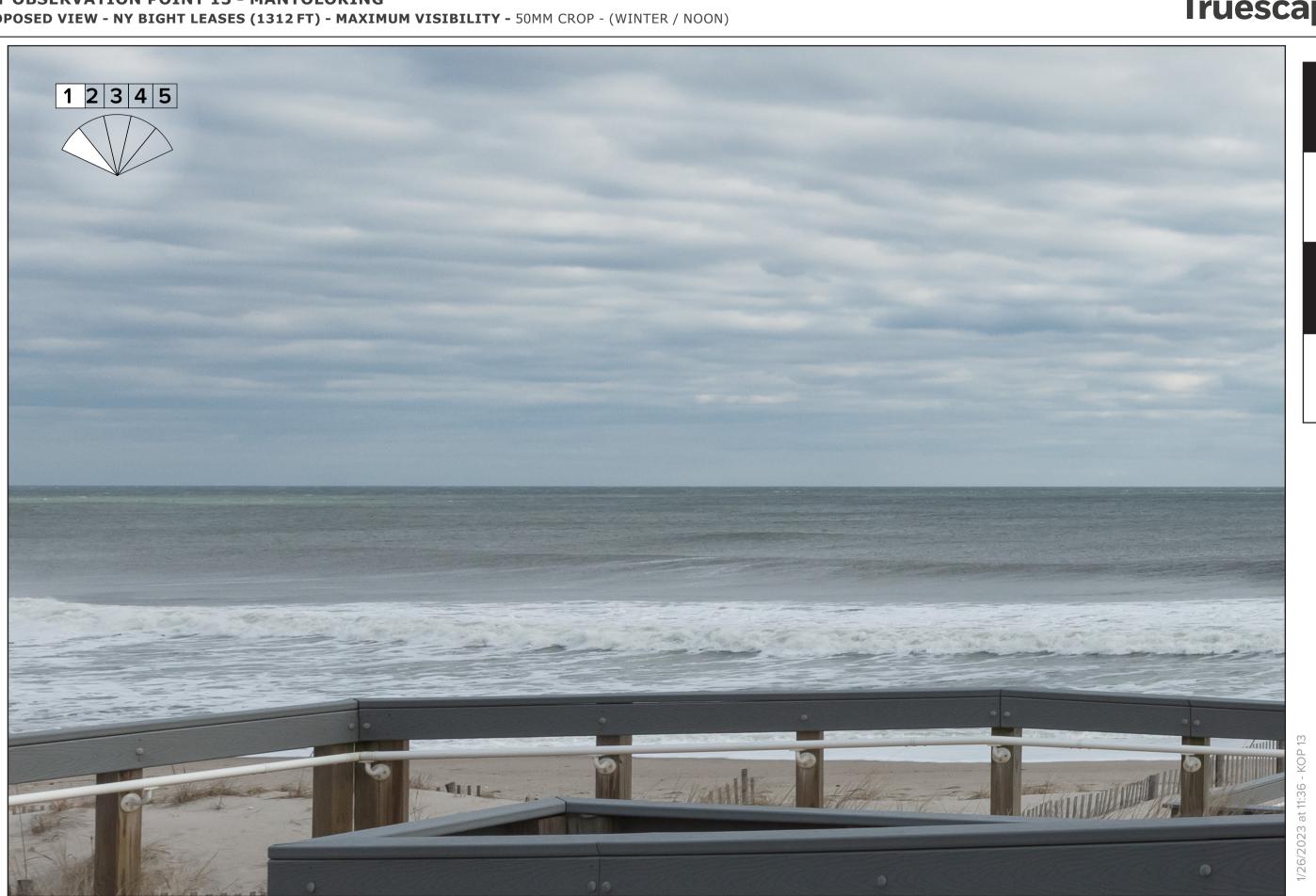
KOP 13, Mantoloking, Noon, Heading 114° - Proposed View - NY Bight Leases (1312ft) - Maximum Visibility

NATIONAL LABORATORY New York Bight Mantoloking Camera Heading 114° Viewpoint Location
 Turbines 40.03669028 -74.04981478 ngitude: Elevation of Viewpoint Position: 13.58 Height of Camera Above Ground: Date of Photography: 1/26/2023 at 11:36 Horizontal Field of View: Vertical Field of View: Nearest Turbine: 44.1mi (71.0km) (OCS-A 0538) Furthest Visible Turbine: 49.7mi (80.0km) (OCS-A 0538) Horizontal Field of View the Projects Occupy: **80.5**° CORRECT VIEWING OF TRUEVIEW™ PHOTO SIMULATIONS ⊲_____59.25 in -3-19.7 in NOTES: Viewpoint locations have been precision surveyed by **New York City Land Surveyors PC** 63 Montgomery Avenue Staten Island NY 10301 Heights are above mean sea level. Structure design and placement are subject to final engineering. No part of this photo simulation shall be altered in any way. Photo Simulation Created Using TrueView™ Technology (Patent No.: US 8,184,906 B2) Provided by Truescape® truescape.com



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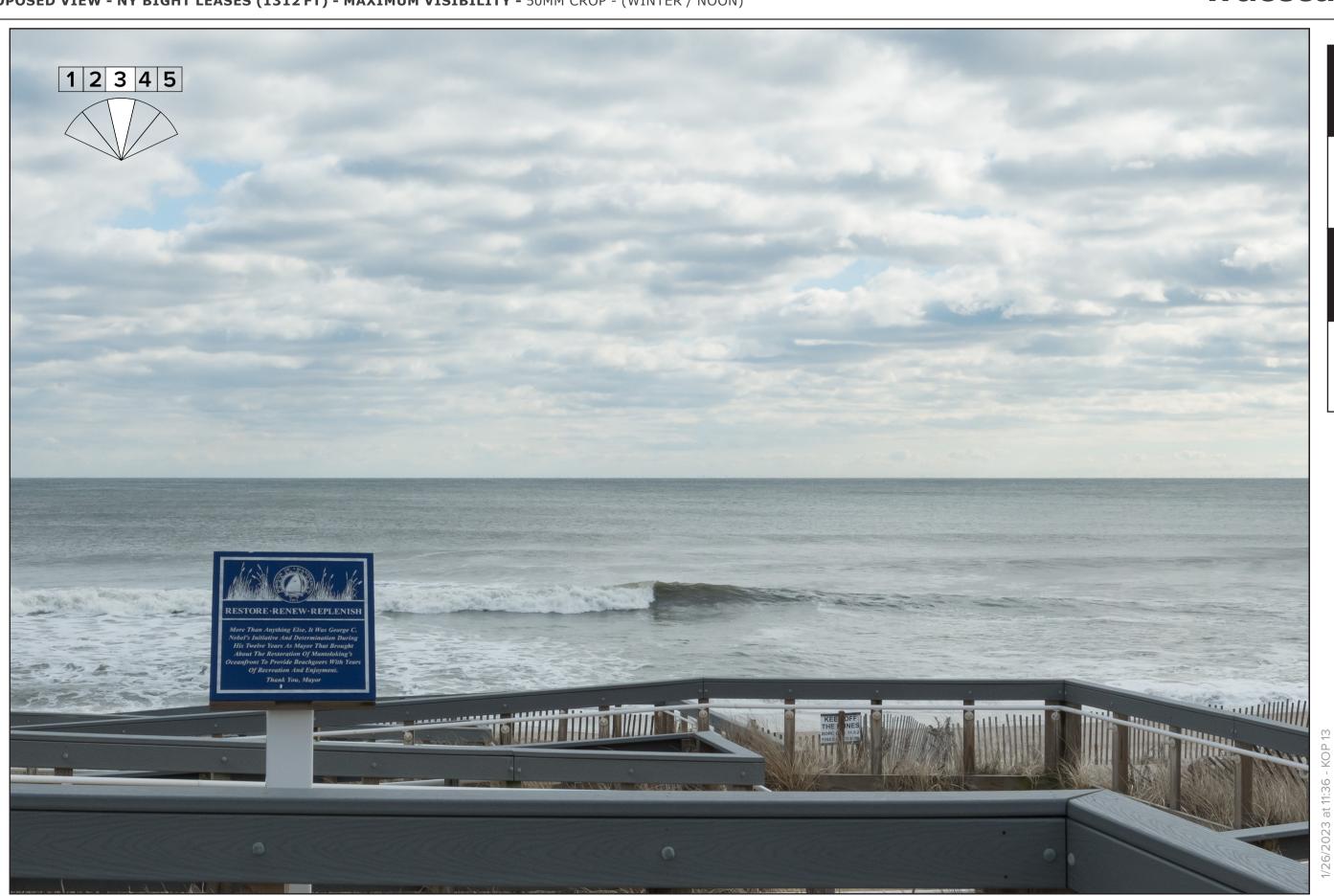
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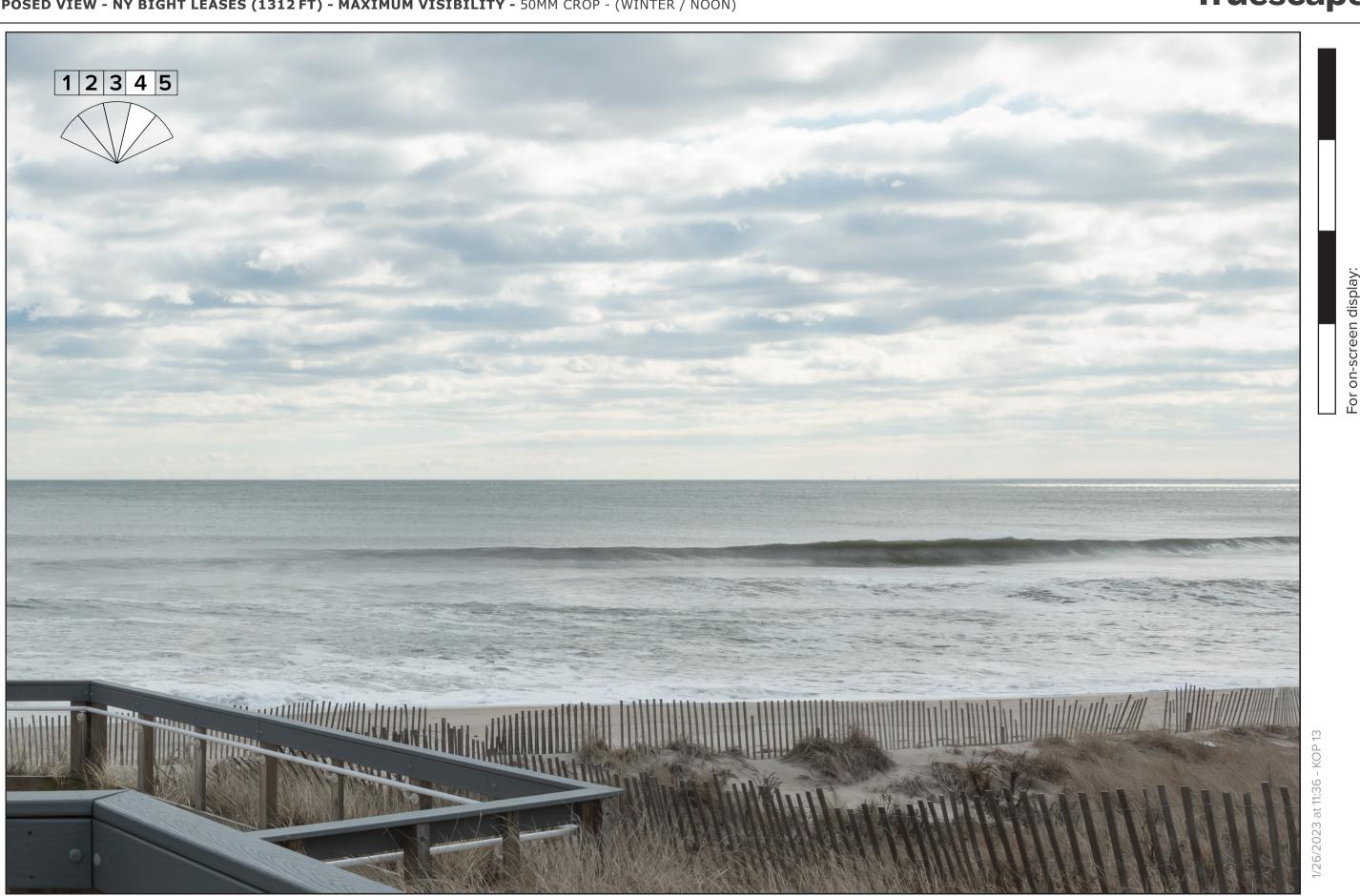
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