

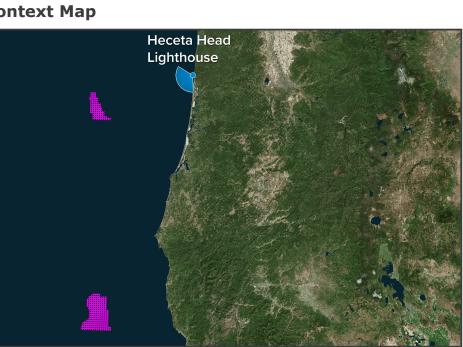
KOP: Heceta Head Lighthouse | Season: Spring | Time of Day: Morning

| Base Photographic Documentation | Turbine Information | | Image Previe | |
|--|---------------------|--------------------------------------|--------------|--|
| | | | 10.04 | |
| Date (MM/DD/YYYY): | 3/29/2023 | Distance to Nearest Turbine (Miles): | 46.34 | |
| Time (24hr): | 8:21 | Number of Turbines: | 262 | |
| GPS Longitude: | -124.1282401 | Hub Height (ft): | 725 | |
| GPS Latitude: | 44.13724208 | Support Structure Height (ft): | 106 | |
| Viewpoint Elevation (ft): | 160.9416 | Rotor Diameter (ft): | 935 | |
| Camera Height (ft): | 5.41 | Total Height to Tip of Blade (ft): | 1,171 | |
| Camera Heading: | SSW | | | |
| | | | | |

Camera Information

Sun, Sky, and Weather Information

| Camera Make & Model: Camera Sensor Size: Lens Make & Model: | Canon EOS 5DS R 36mm x 24mm Sigma F1.4 DG HSM A027 | Sun Azimuth: Sun Elevation: Lighting Angle (On Turbines): | 111.11 24.08 Top-Left Lit | |
|---|--|---|---------------------------------|-----------|
| Lens Focal Length: Field of View: | 20mm 65.47ø (H) / 46.397ø (V) | Weather Conditions: Predicted Visibility (Miles): | Partly-Cloudy 11.92 | Context N |
| | | Temperature (°F): | 43 | |
| | | Temperature (°C): | 6 | |
| | | Humidity (%): SQM Reading: | 86 N/A | |
| | | e a mine a a mg. | | |



Viewing Instructions

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

Viewing distance is 19.7 inches (500 mm) Viewing distance is 19.7 inches (500 mm)

Truescape

view



• Key Observation Point (KOP)

Turbines



Heceta Head Lighthouse, Morning, Heading SSW - Existing View

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



Heceta Head Lighthouse, Morning, Heading SSW - Proposed View - Predicted Visibility

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

PROPOSED VIEW - PREDICTED VISIBILITY - 50MM CROP - (SPRING / MORNING)

KEY OBSERVATION POINT - HECETA HEAD LIGHTHOUSE



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Heceta Head Lighthouse, Morning, Heading SSW - Proposed View - Maximum Visibility

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





KOP: Heceta Head Lighthouse | Season: Spring | Time of Day: Noon

| Base Photographic Documentation | | Turbine Information | | Image Previo |
|---|-----------------------------|---|--------------|--------------|
| Date (MM/DD/YYYY): Time (24hr): | 3/29/2023 12:39 | Distance to Nearest Turbine (Miles): Number of Turbines: | 46.34 262 | |
| GPS Longitude: GPS Latitude: | -124.1282401 44.13724208 | Hub Height (ft): Support Structure Height (ft): | 725 106 | |
| Viewpoint Elevation (ft): Camera Height (ft): Camera Heading: | 160.9416 5.41 SSW | Rotor Diameter (ft): Total Height to Tip of Blade (ft): | 935 1,171 | |
| | | | | |

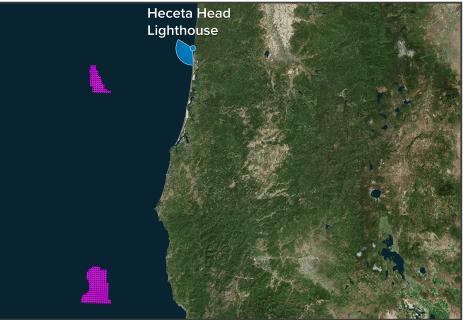
Camera Information

Sun, Sky, and Weather Information

| Canon EOS 5DS R 36mm x 24mm | Sun Azimuth: Sun Elevation: Lighting Angle (On Turbines): | 188.8 47.7 Top-Pight Lit | |
|--------------------------------|---|--|---|
| 20mm | Weather Conditions: | Partly Cloudy 21.9 | Context |
| 05.470 (1)7 40.5570 (0) | Temperature (°F): | 53 | |
| | Humidity (%): | 66 | |
| | 36mm x 24mm Sigma F1.4 DG HSM A028 | 36mm x 24mmSun Elevation:36mm x 24mmLighting Angle (On Turbines):Sigma F1.4 DG HSM A028Lighting Angle (On Turbines):20mmWeather Conditions:65.47ø (H) / 46.397ø (V)Predicted Visibility (Miles):Temperature (°F):Temperature (°C): | 36mm x 24mmSun Elevation:47.7Sigma F1.4 DG HSM A028Lighting Angle (On Turbines):Top-Right Lit20mmWeather Conditions:Partly Cloudy65.47ø (H) / 46.397ø (V)Predicted Visibility (Miles):21.9Temperature (°F):53Temperature (°C):12Humidity (%):66 |



ext Map



Viewing Instructions

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

Viewing distance is 19.7 inches (500 mm) Viewing distance is 19.7 inches (500 mm)

Truescape

view

• Key Observation Point (KOP)

Turbines



Heceta Head Lighthouse, Noon, Heading SSW - Existing View

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

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5.41 ft

124°

55°



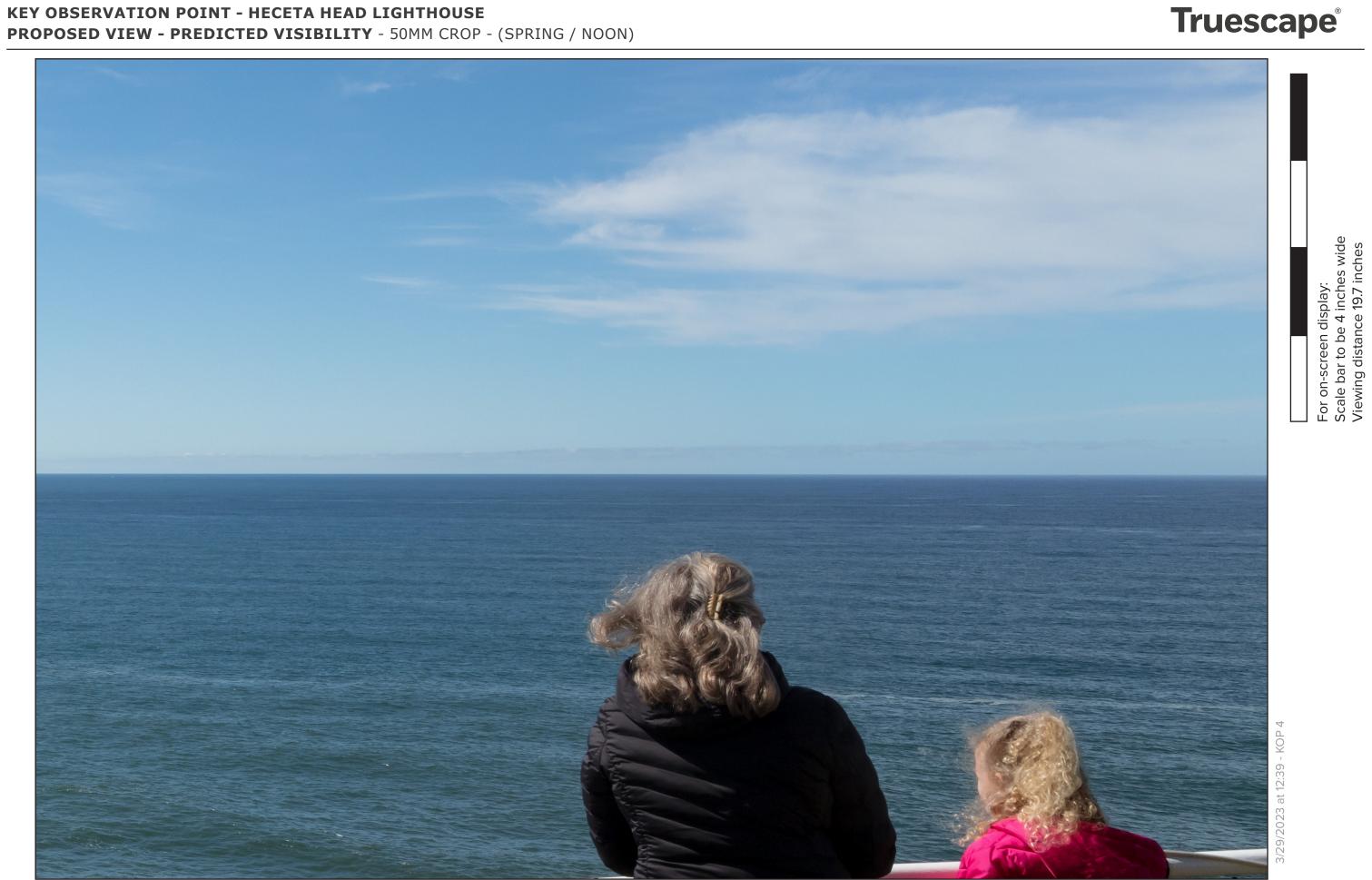
Heceta Head Lighthouse, Noon, Heading SSW - Proposed View - Predicted Visibility

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

truescape.com

5.41 ft

124°



KEY OBSERVATION POINT - HECETA HEAD LIGHTHOUSE

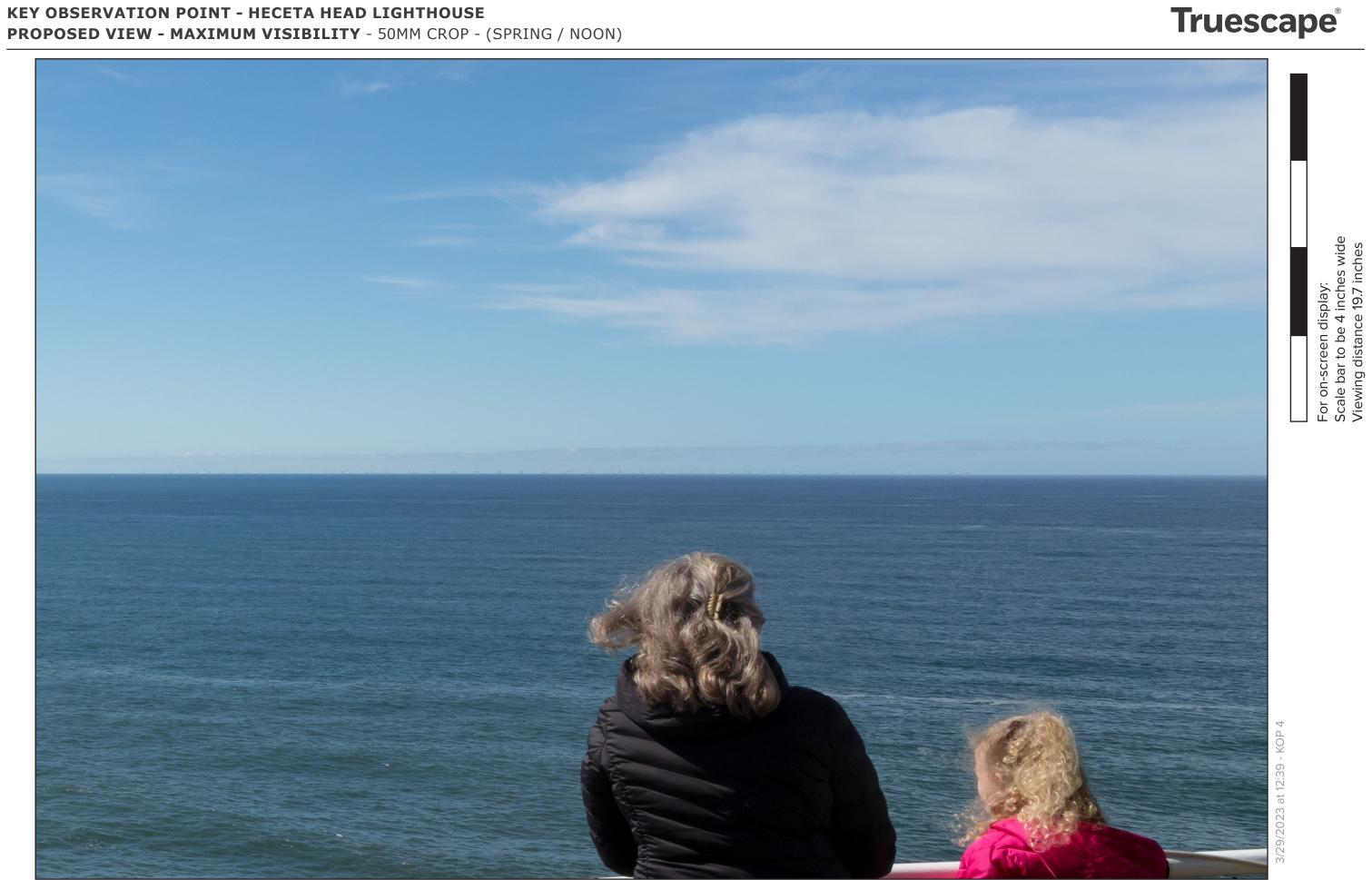


Heceta Head Lighthouse, Noon, Heading SSW - Proposed View - Maximum Visibility

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

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124°



KEY OBSERVATION POINT - HECETA HEAD LIGHTHOUSE



KOP: Heceta Head Lighthouse | Season: Spring | Time of Day: Afternoon

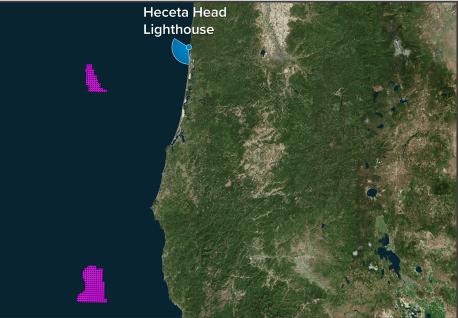
| Base Photographic Documentation | | Turbine Information | | Image Previe |
|--|--------------|--------------------------------------|-------|--------------|
| Date (MM/DD/YYYY): | 3/29/2023 | Distance to Nearest Turbine (Miles): | 46.34 | |
| Time (24hr): | 14:06 | Number of Turbines: | 262 | |
| GPS Longitude: | -124.1282401 | Hub Height (ft): | 725 | |
| GPS Latitude: | 44.13724208 | Support Structure Height (ft): | 106 | |
| Viewpoint Elevation (ft): | 160.9416 | Rotor Diameter (ft): | 935 | |
| Camera Height (ft): | 5.41 | Total Height to Tip of Blade (ft): | 1,171 | |
| Camera Heading: | SSW | | | |
| | | | | |

Camera Information

Sun, Sky, and Weather Information

| Camera Make & Model: | Canon EOS 5DS R | Sun Azimuth: | 218.29 | |
|----------------------|--------------------------|---|----------------|-----------|
| Camera Sensor Size: | 36mm x 24mm | Sun Elevation: | 41.58 | |
| Lens Make & Model: | Sigma F1.4 DG HSM A029 | Lighting Angle (On Turbines): | Right Lit | |
| Lens Focal Length: | 20mm | Weather Conditions: | Partly Cloudy | Context M |
| Field of View: | 65.47ø (H) / 46.397ø (V) | Predicted Visibility (Miles): | 18.29 | |
| | | Temperature (°F): Temperature (°C): Humidity (%): | 51 11 74 | |
| | | SQM Reading: | N/A | |





Viewing Instructions

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

Viewing distance is 19.7 inches (500 mm) Viewing distance is 19.7 inches (500 mm)

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• Key Observation Point (KOP)

Turbines



Heceta Head Lighthouse, Afternoon, Heading SSW - Existing View

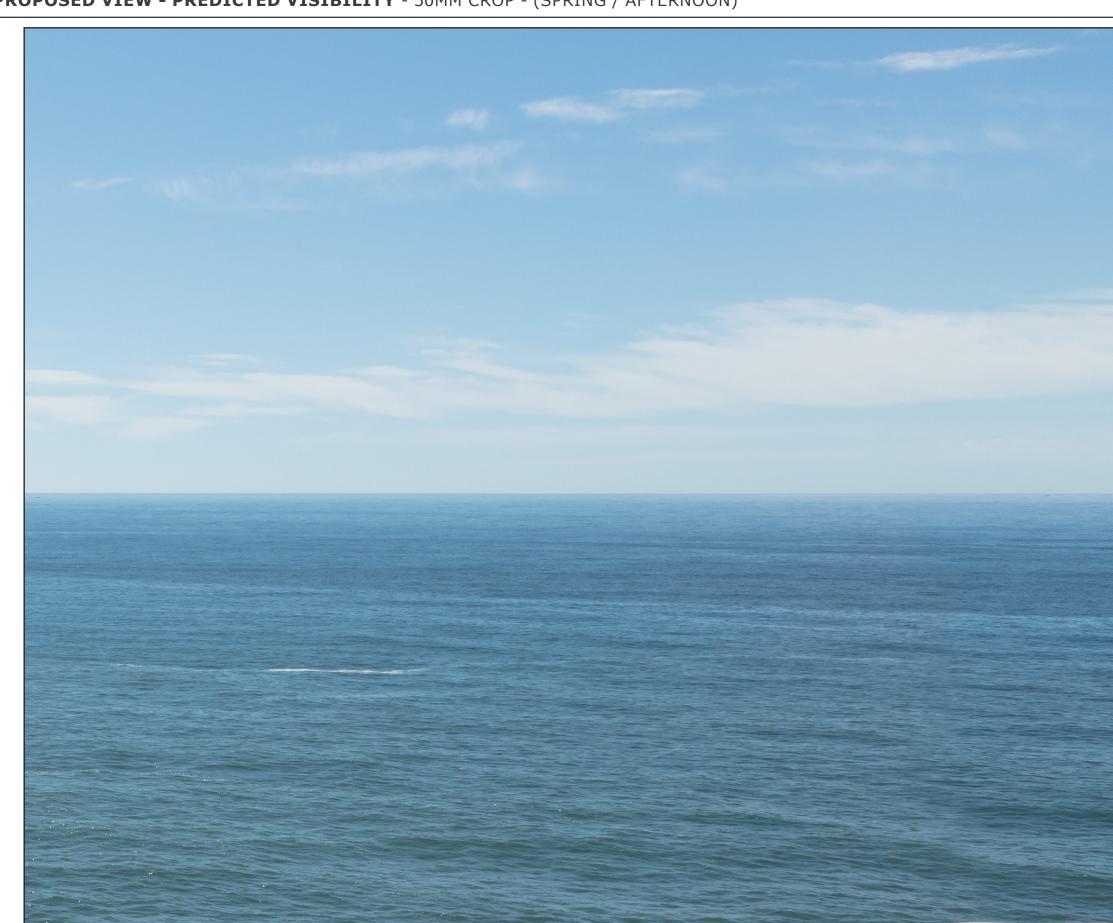
For on-screen display: Scale bar to be 4 inches wide Viewing distance 19.7 inches



Heceta Head Lighthouse, Afternoon, Heading SSW - Proposed View - Predicted Visibility

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





KEY OBSERVATION POINT - HECETA HEAD LIGHTHOUSE PROPOSED VIEW - PREDICTED VISIBILITY - 50MM CROP - (SPRING / AFTERNOON)

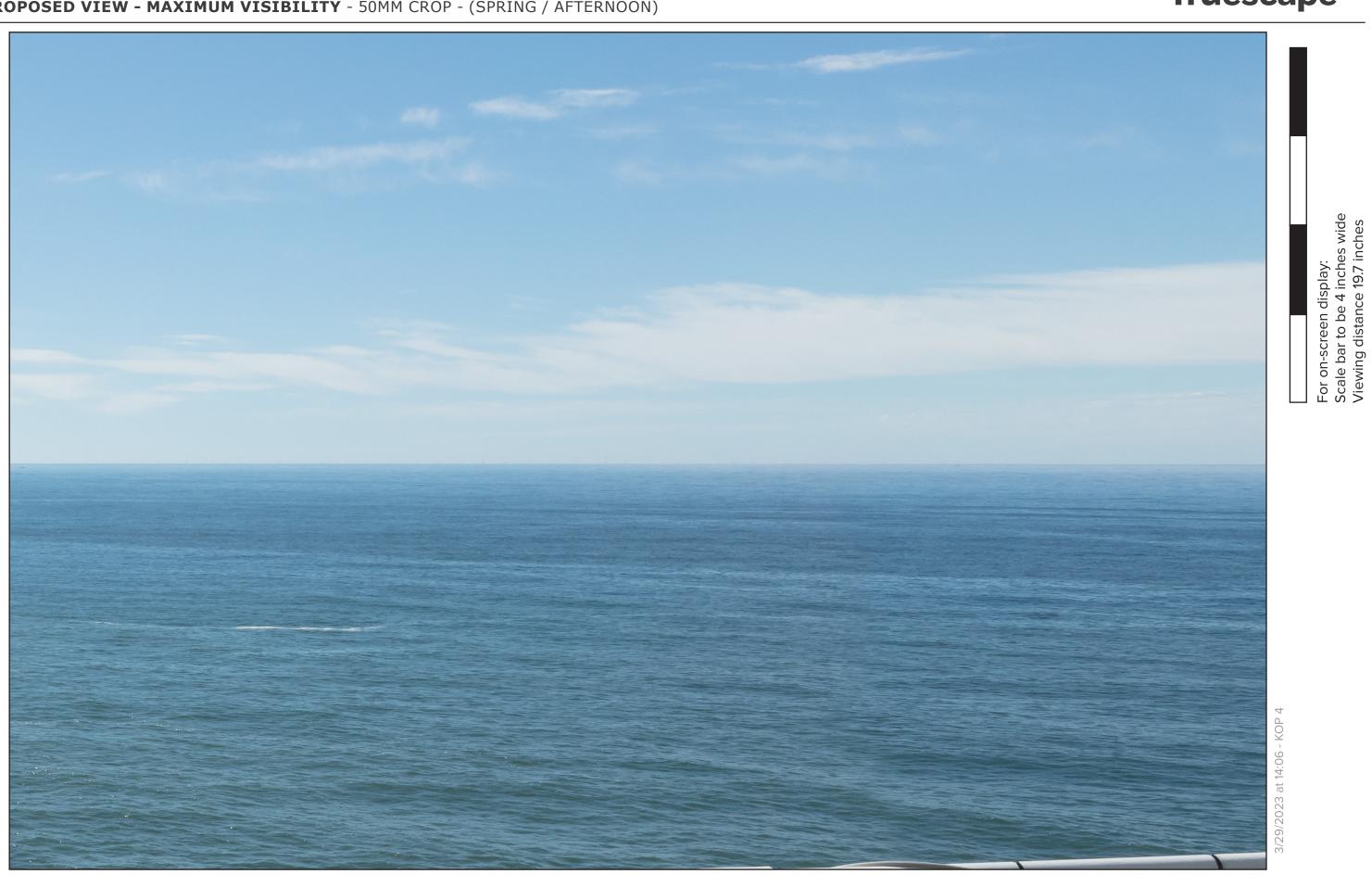


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Heceta Head Lighthouse, Afternoon, Heading SSW - Proposed View - Maximum Visibility

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



KEY OBSERVATION POINT - HECETA HEAD LIGHTHOUSE PROPOSED VIEW - MAXIMUM VISIBILITY - 50MM CROP - (SPRING / AFTERNOON)

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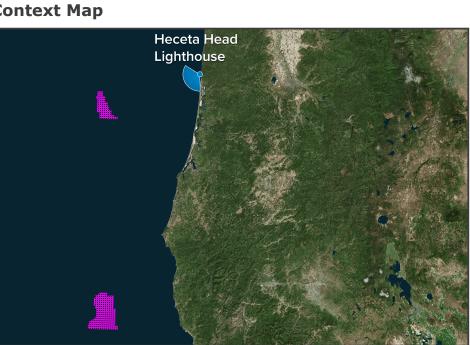
KOP: Heceta Head Lighthouse | Season: Spring | Time of Day: Night

| Base Photographic Documentation | | Turbine Information | Image Previ |
|--|--------------|--------------------------------------|-------------|
| Date (MM/DD/YYYY): | 4/15/2023 | Distance to Nearest Turbine (Miles): | 46.34 |
| Time (24hr): | 21:51 | Number of Turbines: | 262 |
| GPS Longitude: | -124.1282401 | Hub Height (ft): | 725 |
| GPS Latitude: | 44.13724208 | Support Structure Height (ft): | 106 |
| Viewpoint Elevation (ft): | 160.9416 | Rotor Diameter (ft): | 935 |
| Camera Height (ft): | 5.41 | Total Height to Tip of Blade (ft): | 1,171 |
| Camera Heading: | SSW | | |

Camera Information

Sun, Sky, and Weather Information

| Camera Make & Model: Camera Sensor Size: Lens Make & Model: Lens Focal Length: Field of View: | Canon EOS 5DS R 36mm x 24mm Sigma F1.4 DG HSM A030 20mm 65.47ø (H) / 46.397ø (V) | Sun Azimuth: Sun Elevation: Lighting Angle (On Turbines): Weather Conditions: Predicted Visibility (Miles): | N/A | ntext I |
|---|--|---|-----------------------|---------|
| | | Temperature (°F): Temperature (°C): Humidity (%): SQM Reading: | 48 9 100 N/A | |



Viewing Instructions

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

Viewing distance is 19.7 inches (500 mm) Viewing distance is 19.7 inches (500 mm)

Truescape

view



• Key Observation Point (KOP)

Turbines



Heceta Head Lighthouse, Night, Heading SSW - Existing View

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

44.13724208 -124.1282401 160.9416 Height of Camera Above Ground: 5.41 ft 4/15/2023 at 21:51 124° 55° CORRECT VIEWING OF TRUEVIEW[™] PHOTO SIMULATIONS 19.7 in
 59.25 in
Viewpoint locations have been precision surveyed by **Surveyor** Westland Resources Engineering & Environmental Services Inc Portland, OR (971) 256-0046 Structure design and placement are subject to final engineering. No part of this photo simulation shall be altered in any way.



Viewing distance 19.7 inches

44.13724208 -124.1282401 160.9416 5.41 ft 4/15/2023 at 21:51 124° 55° CORRECT VIEWING OF TRUEVIEW[™] PHOTO SIMULATIONS Structure design and placement are subject to final engineering.

KEY OBSERVATION POINT - HECETA HEAD LIGHTHOUSE PROPOSED VIEW - MAXIMUM VISIBILITY - 50MM CROP - (SPRING / NIGHT)

PROPOSED VIEW - MAXIMUM VISIBILITY - 50MM CROP - (SPRING / NIGHT)

