

# Appendix E-3

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FAA Documentation

# Two Rivers Phase I, II, III Long Range Radar

Wednesday, March 13, 2019 9:33 AM



Federal Aviation Administration

<< OE/AAA

DoD Preliminary Screening Tool

DoD Preliminary Screening Tool - Desk Reference Guide V\_2018.2.0

**Disclaimer:**

The DoD Preliminary Screening Tool enables developers to obtain a preliminary review of potential impacts to Long-Range and Weather Radar(s), Military Training Route(s) and Special Airspace(s) prior to official OE/AAA filing. This tool will produce a map relating the structure to any of the DoD/DHS and NOAA resources listed above. The use of this tool is **100 % optional** and will provide a first level of feedback and single points of contact within the DoD/DHS and NOAA to discuss impacts/mitigation efforts on the military training mission and NEXRAD Weather Radars. **The use of this tool does not in any way replace the official FAA processes/procedures.**

**Instructions:**

- Select a screening type for your initial evaluation. Currently the system supports pre-screening on:
  - Air Defense and Homeland Security radars(Long Range Radar)
  - Weather Surveillance Radar-1988 Doppler radars(NEXRAD)
  - Military Operations
- Enter either a single point or a polygon and click submit to generate a long range radar analysis map.
- Military Operations is only available for a single point.
- At least three points are required for a polygon, with an optional fourth point.
- The largest polygon allowed has a maximum perimeter of 100 miles.

Screening Type:  Geometry Type:

Point	Latitude			Dir	Longitude			Dir
	Deg	Min	Sec		Deg	Min	Sec	
1	41	57	19.93	N	106	11	0.487	W

Horizontal Datum:

**Map Legend:**

- Green:** No anticipated impact to Air Defense and Homeland Security radars. Aeronautical study required.
- Yellow:** Impact likely to Air Defense and Homeland Security radars. Aeronautical study required.
- Red:** Impact highly likely to Air Defense and Homeland Security radars. Aeronautical study required.

**Note:** Map colors will show as depicted in the map legend when using the 'Polygon' Geometry Type; map colors will be subdued when using the 'Single Point' Geometry Type.



# Two Rivers I, II, III Military Ops

Wednesday, March 13, 2019 9:36 AM



DoD Preliminary Screening Tool

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Screening Type:  Geometry Type:

Point	Latitude				Longitude			
	Deg	Min	Sec	Dir	Deg	Min	Sec	Dir
1	41	57	19.93	N	108	11	0.467	W

Horizontal Datum:

The preliminary review of your proposal does not return any likely impacts to military airspace. Please contact LTC Thomas C. Petty at the USA Regional Environmental Coordinator at (425) 227-2955 for confirmation and documentation.

The preliminary review of your proposal does not return any likely impacts to military airspace. Please contact Gary Munsterman at the USAF Regional Environmental Coordinator at (415)977-8884 for confirmation and documentation.

The preliminary review of your proposal does not return any likely impacts to military airspace. Please contact the US Navy Representative, FAA Western Service Area at the USN Regional Environmental Coordinator at (425) 227-2740 for confirmation and documentation.

The preliminary review of your proposal does not return any likely impacts to military airspace. Please contact the US Marine Corps Representative, FAA Western Service Area at the USMC Regional Environmental Coordinator at (425) 227-2665 for confirmation and documentation.

**This is a preliminary review of your proposal and does not preclude official FAA processes.**  
Your search data is not retained and the privacy of all your searches is assured.



Any questions interpreting the map, please email Steve Sample with your question's and phone number at [steven.sample@pentagon.af.mil](mailto:steven.sample@pentagon.af.mil)

# Two Rivers I, II, III NEXRAD

Wednesday, March 13, 2019 9:34 AM



DoD Preliminary Screening Tool

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Screening Type:  Geometry Type:

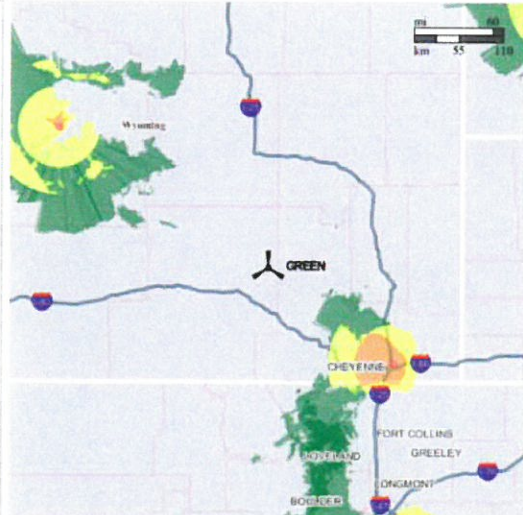
Point	Latitude				Longitude			
	Deg	Min	Sec	Dir	Deg	Min	Sec	Dir
1	41	57	19.93	N	106	11	0.467	W

Horizontal Datum:

**Map Legend:**

- **Green: No Impact Zone.** Impacts not likely. NOAA will not perform a detailed analysis, but would still like to know about the project.
- **Dk Green: Notification Zone.** Some impacts possible. Consultation with NOAA is optional, but NOAA would still like to know about the project.
- **Yellow: Consultation Zone.** Significant impacts possible. NOAA requests consultation to discuss project details and to perform a detailed impact analysis. NOAA may request mitigation of significant impacts.
- **Orange: Mitigation Zone.** Significant impacts likely. NOAA will likely request mitigation if a detailed analysis indicates that the project will cause significant impacts.
- **Red: No-Build Zone.** Severe impacts likely. NOAA requests developers not build wind turbines within 3 km of the NEXRAD. Detailed impact analysis required.

**Note:** Map colors will show as depicted in the map legend when using the 'Polygon' Geometry Type; map colors will be subdued when using the 'Single Point' Geometry Type.



Because the NEXRAD can detect wind turbines occasionally at great distance, NOAA would like to know the location of all wind farm projects so that corrupted radar data can be flagged. Send project information directly to NOAA at [wind.energy.matters@noaa.gov](mailto:wind.energy.matters@noaa.gov) or through the National Telecommunications & Information Administration (NTIA) in the Dept. of Commerce. NOAA protects all wind project information as proprietary and sensitive.

# Two Rivers IV Long Range Radar

Wednesday, March 13, 2019 9:40 AM





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DoD Preliminary Screening Tool

DoD Preliminary Screening Tool - Desk Reference Guide V\_2018.2.0

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Screening Type:  Geometry Type:

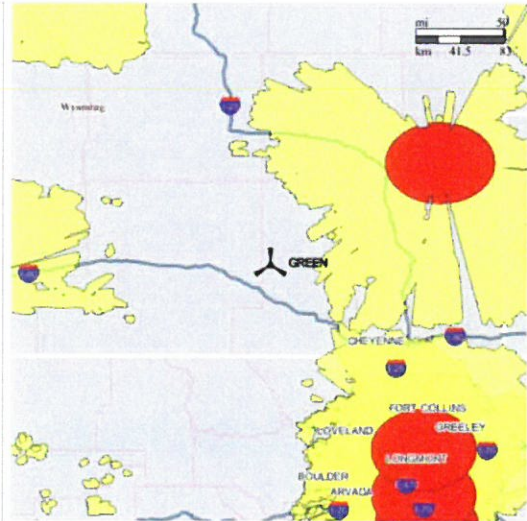
Point	Latitude				Longitude			
	Deg	Min	Sec	Dir	Deg	Min	Sec	Dir
1	41	48	23.69	N	106	0	0.562	W

Horizontal Datum:

**Map Legend:**

- **Green:** No anticipated impact to Air Defense and Homeland Security radars. Aeronautical study required.
- **Yellow:** Impact likely to Air Defense and Homeland Security radars. Aeronautical study required.
- **Red:** Impact highly likely to Air Defense and Homeland Security radars. Aeronautical study required.

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# Two Rivers IV Military Ops

Wednesday, March 13, 2019 9:38 AM



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DoD Preliminary Screening Tool

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Screening Type:  Geometry Type:

Point	Latitude				Longitude			
	Deg	Min	Sec	Dir	Deg	Min	Sec	Dir
1	41	48	23.89	N	108	0	0.982	W

Horizontal Datum:

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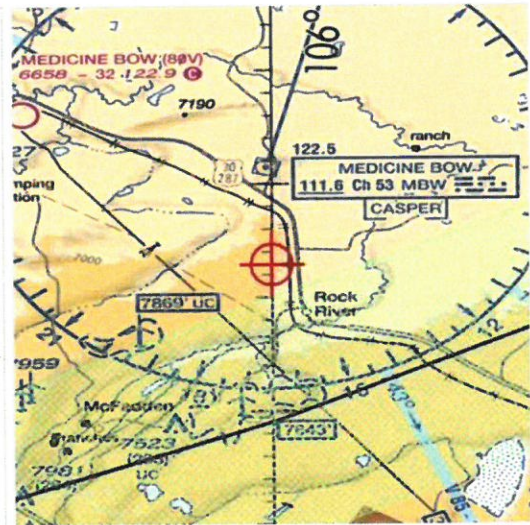
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# Two Rivers IV NEXRAD

Wednesday, March 13, 2019 9:39 AM



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DoD Preliminary Screening Tool

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Screening Type:  Geometry Type:

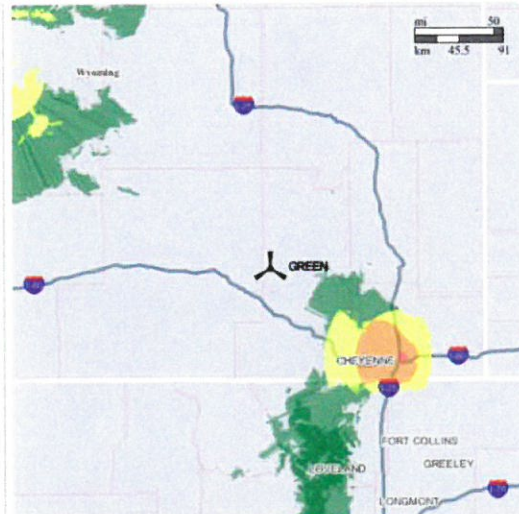
Point	Latitude				Longitude			
	Deg	Min	Sec	Dir	Deg	Min	Sec	Dir
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Horizontal Datum:

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