



# NEXRAD

## Radar Operations Center

### **Status of Low Elevation Angles in the WSR-88D Fleet**

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# Process

- At this time, only NWS interested
  - DoD will allow as long as no negative impact to radar, but NWS funds cost of assessment
- Sites determined by NWS Region requirements and/or Congressional interest
- Environmental assessment (FONSI) required prior to implementation (~\$65K per site)
- Only angles -0.2 to +0.4 degrees
  - Supplemental to +0.5, not a replacement at this time

# Current Sites

- KLGX – Langley Hill, WA (+0.2)
- KICX – Cedar City, UT (+0.2)
- KBUF – Buffalo, NY (+0.3)
  
- Field Test:  
KMUX – San Francisco and KMAX – Medford, OR  
-0.2, 0.0, +0.2

# Build 18.2 Sites (Summer 2019)

- KMUX – San Francisco, CA (0.0)
- KGSP – Greer, SC (+0.2)
- KDGX – Jackson, MS (+0.3)
- KMBX – Minot AFB, ND (+0.3)
- KSHV – Shreveport, LA (+0.3)
- KRAX – Raleigh, NC (+0.3)

# Build 19 Sites (Summer 2020)

- KMAX – Medford, OR (TBD)
- KCLE – Cleveland, OH (+0.4)
- KMSX – Missoula, MT (-0.2)
- KRGX – Reno, NV (0.0)
- KMTX – Salt Lake City, UT (0.0)
- KCLX – Charleston, SC (+0.3)
- KDLH – Duluth, MN (+0.2)
- KGJX – Grand Junction, CO (TBD)
- KFSX – Flagstaff, AZ (TBD)

# NEXRAD Coverage Below 10,000 Feet AGL

