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**United States (US) Footnotes**

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US311 Radio astronomy observations may be made in the bands 1350–1400 MHz, 1718.8–1722.2 MHz, and 4950–4990 MHz on an unprotected basis at the following radio astronomy observatories:

Allen Telescope Array, Hat Creek, California .....	Rectangle between latitudes 40° 00' N and 42° 00' N and between longitudes 120° 15' W and 122° 15' W.	
NASA Goldstone Deep Space Communications Complex, Goldstone, California.	80 kilometers (50 mile) radius centered on latitude 35° 18' N, longitude 116° 54' W.	
National Astronomy and Ionosphere Center, Arecibo, Puerto Rico ...	Rectangle between latitudes 17° 30' N and 19° 00' N and between longitudes 65° 10' W and 68° 00' W.	
National Radio Astronomy Observatory, Socorro, New Mexico .....	Rectangle between latitudes 32° 30' N and 35° 30' N and between longitudes 106° 00' W and 109° 00' W.	
National Radio Astronomy Observatory, Green Bank, West Virginia	Rectangle between latitudes 37° 30' N and 39° 15' N and between longitudes 78° 30' W and 80° 30' W.	
National Radio Astronomy Observatory, Very Long Baseline Array Stations.	80 kilometer radius centered on:	
	Latitude (North)	Longitude (West)
Brewster, WA .....	48° 08'	119° 41'
Fort Davis, TX .....	30° 38'	103° 57'
Hancock, NH .....	42° 56'	71° 59'
Kitt Peak, AZ .....	31° 57'	111° 37'
Los Alamos, NM .....	35° 47'	106° 15'
Mauna Kea, HI .....	19° 48'	155° 27'
North Liberty, IA .....	41° 46'	91° 34'
Owens Valley, CA .....	37° 14'	118° 17'
Pie Town, NM .....	34° 18'	108° 07'
Saint Croix, VI .....	17° 46'	64° 35'
Owens Valley Radio Observatory, Big Pine, California .....	Two contiguous rectangles, one between latitudes 36° 00' N and 37° 00' N and between longitudes 117° 40' W and 118° 30' W and the second between latitudes 37° 00' N and 38° 00' N and between longitudes 118° 00' W and 118° 50' W.	

In the bands 1350–1400 MHz and 4950–4990 MHz, every practicable effort will be made to avoid the assignment of frequencies to stations in the fixed and mobile services that could interfere with radio astronomy observations within the geographic areas given above. In addition, every practicable effort will be made to avoid assignment of frequencies in these bands to stations in the aeronautical mobile service which

operate outside of those geographic areas, but which may cause harmful interference to the listed observatories. Should such assignments result in harmful interference to these observatories, the situation will be remedied to the extent practicable.

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US378 In the band 1710–1755 MHz, Federal government stations in the fixed and mobile services shall operate on a

primary basis until reaccommodated in accordance with the Strom Thurmond National Defense Authorization Act for Fiscal Year 1999. Further, Federal government stations may continue to operate in the band 1710–1755 MHz as provided below:

(a) Federal fixed microwave and tactical radio relay stations may operate indefinitely on a primary basis at the sites listed below:

Location	Coordinates	Radius of operation (km)
Cherry Point, NC .....	34° 58' N 076° 56' W	80
Yuma, AZ .....	32° 32' N 113° 58' W	80

(b) Federal fixed microwave and tactical radio relay stations may operate on a secondary basis, and shall not cause harmful inference to, and must accept harmful interference from, primary non-Federal government operations at the sites listed below:

Location	Coordinates	Radius of operation (km)
China Lake, CA .....	35° 41' N 117° 41' W	80
Eglin AFB, FL .....	30° 29' N 086° 31' W	80