



### DirectTV\* Angle Table (U.S.A)

Location	Compass (AZ)	E1
Albany-NY	231.4	33.6
Albuquerque-NM	159.6	48.8
Amarillo-TX	170	49.1
Anchorage-AK	103.5	9.9
Atlanta-GA	211.3	46.9
Atlantic City-NJ	230.2	36.8
Bakersfield-CA	136.4	44.7
Baltimore-MD	226	38
Bangor-ME	240.4	29.3
Baton Rouge-LA	196.5	52.9
Billings-MT	155.5	36.8
Birmingham-AL	205.7	48.1
Bismarck-ND	171.3	36.2
Boise-ID	142.2	37.4
Boston-MA	236.4	32.5
Buffalo-NY	221.5	35.7
Burlington-VT	232.5	31.8
Charleston-SC	221.6	45.6
Charleston-WV	215.9	41.2
Charlotte-NC	218.7	43.8
Chattanooga-TN	208.6	46
Cheyenne-WY	163.5	42.3
Chicago-IL	201.7	39.8
Cincinnati-OH	209.2	41.6
Cleveland-OH	215.4	38.1
Dallas-TX	182	51.6
Davenport-IA	194.9	40.9
Denver-CO	163.2	43.8
Des Moines-IA	188.1	41.3
Detroit-MI	212.3	37.8
Duluth-MN	191.5	35.5
El Paso-TX	159.6	52.5
Eugene-OR	131.7	34.6
Fairbanks-AK	103.6	8.3
Fargo-ND	180.5	36
Flagstaff-AZ	149.5	47.6
Fresno-CA	135.6	43

Grand Junction-CO	155.9	44.1
Grand Rapids-MI	206.3	38
Great Falls-MT	150	34.5
Hartford-CT	233.4	33.8
Honolulu-HI	92.7	22.6
Houston-TX	186.3	54.7
Indianapolis-IN	205.3	41.5
Int'l Falls-MN	188.5	33.7
Jackson-MS	198	50.6
Jacksonville-FL	219.1	48.8
Juneau-AK	115.8	17.7
Kansas City-MO	186.1	44.2
Knoxville-TN	211.5	44.5
Las Vegas-NV	143.4	45.4
Little Rock-AR	192.3	48.6
Los Angeles CA	137.3	46.3
Louisville-KY	206.6	42.9
Madison-WI	197.6	38.9
Marquette-MI	202.5	34.8
Medford-OR	131.9	36.3
Memphis-TN	197.4	47.5
Miami-FL	225.4	52
Milwaukee-WI	201.1	38.6
Minneapolis-MN	188.9	37.7
Mobile-AL	204	51.5
Montgomery-AL	207.4	49.1
Nashville-TN	204.8	45.4
New Orleans-LA	199.3	53.1
New York-NY	230.8	35.4
Norfolk-VA	226.9	38.3
North Platte-NE	171.9	42.5
Okiahoma City-OK	179.8	48.6
Omaha-NE	182.8	42
Orlando-FL	220.8	50.3
Philadelphia-PA	228.7	36.6
Phoenix-AZ	148.3	49.3
Pittsburgh-PA	219.1	38.5
Portland-ME	238	31
Portland-OR	132.3	33.4
Providence-RI	235.7	33.1

Raleigh-NC	223.1	42.2
Rapid City-SD	166.5	39.1
Reno-NV	136.1	40.3
Richmond-VA	224.8	40
Roanoke-VA	219.9	41.5
Sacramento-CA	133.4	40.5
Saint Louis-Mo	196.1	43.8
Salt Lake City-UT	149.7	41.5
San Antonio -TX	178.3	55.5
San Diego-CA	138.8	48.1
San Francisco-CA	131.9	40.8
Savannah-GA	219.4	46.9
Seattle-WA	132.5	31.5
Shreveport-LA	189.5	51.3
Sioux Falls-SD	180.8	39.6
Spokane-WA	139.9	33
Springfield-MO	189.4	46.1
Syracuse-NY	226.8	34.4
Tampa-FL	218.8	51.6
Tucson-AZ	150.1	51
Tulisa-OK	183.4	47.7
Washington-DC	225.3	38.5
Wichita-KS	180	46.1