



### Optimum Tilt Angle Sheet

STATE / CITY	OPT TILT	STATE / CITY	OPT TILT	STATE / CITY	OPT TILT	STATE / CITY	OPT TILT
<b>Alabama</b>		<b>Colorado</b>		Traverse City	65	STATE / CITY	OPT TILT
Birmingham	55	Akron	55	<b>Minnesota</b>		Eugene	65
Mobile	55	Alamosa	50	Duluth	65	Hermiston	65
Montgomery	55	Boulder	60	Intern'l Falls	70	La Grande	70
<b>Alaska</b>		Colorado Springs	55	Minn-St. Paul	65	Medford	65
Adak	70	Denver	60	<b>Mississippi</b>		North Bend	65
Annette	75	Eagle	65	Jackson	55	Pendleton	65
Barrow	55	Fort Collins	55	Meridian	55	Portland	65
Bethel	80	Grand Junction	65	<b>Missouri</b>		Redmond	65
Betiles	80	Pueblo	55	Columbia	60	Salem	65
Big Delta	80	<b>Connecticut</b>		Kansas City	65	Whitehorse Ranch	65
Fairbanks	80	Hartford	60	Springfield	60	<b>Pennsylvania</b>	
Gulkana	80	<b>Delaware</b>		St. Louis	60	Allentown	65
Homer	80	Wilmington	65	<b>Montana</b>		Erie	60
Juneau	75	<b>District of Col.</b>		Billings	70	Harrisburg	65
King Salmon	80	Washington, D.C.	60	Cut Bank	70	Philadelphia	65
Kodiak	75	<b>Florida</b>		Dillion	70	Pittsburgh	60
Kotzebue	75	Apalachicola	55	Glasgow	70	Wilkes-Barre	65
Matanuska	80	Daytona Beach	45	Great Falls	70	<b>Rhode Island</b>	
McGrain	80	Jacksonville	50	Helena	70	Providence	65
Nome	80	Miami	35	Lewiston	70	<b>South Carolina</b>	
Summit	80	Orlando	40	Miles City	70	Charleston	55
Yakutat	75	Tallahassee	50	Missoula	65	Columbia	55
<b>Arizona</b>		Tampa	40	<b>Nebraska</b>		Greenville	60
Phoenix	55	West Palm Beach	35	Grand Island	65	<b>South Dakota</b>	
Prescott	50	<b>Georgia</b>		North Omaha	65	Huron	65
Tucson	50	Atlanta	55	North Platte	65	Pierre	70
Winslow	50	Augusta	55	Scottsbluff	65	Rapid City	65
Yuma	50	Macon	55	<b>Nevada</b>		Sioux Falls	65
<b>Arkansas</b>		Savannah	55	Elko	65	<b>Tennessee</b>	
Fort Smith	60	<b>Hawaii</b>		Ely	65	Chattanooga	55
Little Rock	60	Barbers Point	35	Las Vegas	55	Knoxville	60
<b>California</b>		Hilo	35	Lovelock	65	Memphis	60
Alpine	55	Honolulu	40	Reno	65	Nashville	60
Arcatta	65	Lihue	40	Tonopah	60	<b>Texas</b>	
Arrowhead	55	<b>Idaho</b>		Winnehucca	65	Abilene	55
Bakersfield	60	Boise	65	Yucca Flats	60	Amarillo	50
Blythe	50	Kimberly	65	<b>New Hampshire</b>		Austin	50
Butler Valley Ranch	65	Lewiston	65	Concorde	65	Brownsville	50
Carlsbad	55	Pacatello	65	<b>New Jersey</b>		Corpus Christi	50
Carris Plain	60	<b>Illinois</b>		Lakehurst	65	Dallas	55
Chula Vista	55	Chicago	65	Newark	65	Del Rio	45
Daggett	60	Moline	65	<b>New Mexico</b>		El Paso	50
Davis	60	Springfield	65	Albuquerque	55	Fort Worth	55
El Cajon	55	<b>Indiana</b>		Clayton	50	Houston	55
El Centro	45	Evansville	60	Farmington	60	Kingsville	50
El Segundo	55	Fort Wayne	65	Roswell	50	Laredo	50
El Toro	55	Indianapolis	60	Truth or Conseq.	45	Lubbock	50
Escondido	55	Sounth Bend	60	Tucumcari	50	Lufkin	55
Fresno	60	<b>Iowa</b>		Zuni	50	Midland	50
Huntington Beach	55	Burlington	65	<b>New York</b>		Port Arthur	55
Inyokem	60	Des Moines	65	Albany	65	San Angelo	50
Jolon	60	Mason City	65	Binghamton	65	San Antonio	55
Lancaster	60	Sioux City	65	Buffalo	65	Sherman	55
Long Beach	55	<b>Kansas</b>		Massena	65	Waco	55
Los Angeles	55	Dodge City	60	New York City	65	Wichita Falls	55
Mandalay	50	Goodland	65	Roschester	60	<b>Utah</b>	
Moorpark	55	Topeka	65	Syracuse	60	Bryce Canyon	60
Mount Shasta	65	Wichita	60	<b>North Carolina</b>		Cedar City	65
Needles	55	<b>Kentucky</b>		Asheville	60	Salt Lake City	65
Oakland	60	Lexington	60	Cape Hatteras	60	<b>Vermont</b>	
Palm Springs	55	Louisville	60	Charlotte	60	Burlington	65
Pardee	55	<b>Louisiana</b>		Cherry Point	55	<b>Virginia</b>	
Point Mugu	50	Baton Rouge	55	Greensboro	60	Norfolk	60
Ramona	55	Lake Charles	50	Raleigh	60	Richmond	60
Red Bluff	65	New Orleans	55	<b>North Dakota</b>		Roanoke	60
Redwood City	60	Shreveport	55	Bismark	70	<b>Washington</b>	
Rialto	55	<b>Maine</b>		Fargo	70	Olympia	65
Richmond	60	Bangor	65	Minot	70	Seattle	65
Riverside	55	Caribou	65	<b>Ohio</b>		Spokane	70
Sacramento	60	Portland	65	Akron	60	Whidbey Island	70
San Diego	50	<b>Maryland</b>		Cincinnati	60	Yakima	65
San Francisco	60	Baltimore	60	Cleveland	60	<b>Wisconsin</b>	
San Luis Dam	60	Patuxent River	60	Columbus	60	Eau Claire	65
San Rafael	60	<b>Massachusetts</b>		Dayton	60	Green Bay	65
Santa Maria	60	Blue Hill	60	Toledo	65	La Crosse	65
Sun Valley	55	Boston	65	Youngstown	60	Madison	65
Sunnyvale	60	<b>Michigan</b>		<b>Oklahoma</b>		Milwaukee	65
Victorville	60	Alpena	65	Oklahoma City	60	<b>Wyoming</b>	
Villa Park	55	Detroit	65	Tulsa	60	Casper	70
Visalla	60	Flint	60	<b>Oregon</b>		Cheyenne	60
Walnut	60	Grand Rapids	60	Astoria	65	Lander	65
Warm Sprgs Dam	60	Houghton	65	Bend	70	Rock Springs	65
						Sheridan	70