

Summits on the Air

USA (W5T-Texas)

Association Reference Manual



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Summits-on-the-Air	an original concept by G3WGV and developed with G3CWI

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Change Control

Date	Version	Details
01-Jul-10	1.0	First formal issue of this document
01-May-12	2.0	Separated W5 states into separate associations. Texas document remains S32.1, Arkansas is now S67.1, New Mexico is now S68.1, Oklahoma is now S69.1. Mississippi is now S71.1
01-Apr-14	3.0	Added two P-100m Prominence regions in East Texas, providing 82 summits in the DFW, Austin and San Antonio areas. W5T/NT for North Texas and W5T/ST for South Texas. Removed W5T/EF which was replaced by W5T/NT and W5T/ST.

1 Association Reference Data

Association	USA (W5T-Texas)
Regions – Texas	Bofecillos Mountains BO Bullis Gap Mountains BG Chinati Mountains CH Chisos Mountains CI Christmas Mountains CR Cienega Mountains CE Davis Mountains East DE Davis Mountains West DW Dead Horse Mountains DH Del Norte Mountains DN Eagle Mountains EA Eastern Texas Flatlands EF Franklin Mountains FR Glass Mountains GL Guadalupe Mountains GU Haymond Mountains HA North Texas NT Pena Blanca Mountains PB Puertecita Mountains PU Quitman Mountains QU Santiago Mountains SN Sierra Diablo Mountains SD Sierra Vieja Mountains SV South Texas ST Study Butte Mountains SB Van Horn Mountains VH
Association parameters	
Summit operation criteria	Operation must be within 150 ft. vertically of the summit where possible.
Band 1, score 1 point	0500 ft ASL - 3499 ft ASL (0328 ft ASL – 3499 ft ASL in NT and ST)
Band 2, score 2 points	3500 ft ASL - 4299 ft ASL
Band 3, score 4 points	4300 ft ASL - 5099 ft ASL
Band 4, score 6 points	5100 ft ASL - 5899 ft ASL
Band 5, score 8 points	5900 ft ASL - 6699 ft ASL
Band 6, score 10 points	6700 ft ASL or greater.
Seasonal bonus	Yes
Bonus rationale	Summer bonus – Extreme heat, thunderstorms, heat injury. Winter bonus – Extreme cold, snow, cold injury, difficult travel.
Minimum height for bonus	Bonus - 3 Points for activations at >4000 ft. ASL
Bonus period dates	Summer Bonus – 1 June to 30 September inclusive. Winter Bonus -1 January to 30 April inclusive.
Texas Region Manager Association Manager W5-SOTA Info:	Sean Gardner – KD6CUB. kd6cub@arri.net Michael P. Olbrisch – KD5KC. w5-sota@elp.rr.com http://www.qsl.net/w5-sota/
Acknowledgements http://www.listsofjohn.com	Special thanks to John Kirk, who's web site and summit data was instrumental in the compilation of the 529 summits in W5T-Texas SOTA.

1.1 Program derivation

The W5T Call Area SOTA awards program is based upon, and conducted in accordance with, the generalized SOTA program and its associated local variants.

Qualification for inclusion in the W5T SOTA program is the standard for all SOTA associations. Summits are qualified on the basis of prominence, their height above surrounding terrain, which must be a minimum of 500 ft, except the W5T/NT and W5T/ST regions which are allowed a prominence of 328 ft. Summit scoring is based upon the summit's height above sea level. Participants in the program must meet the qualifications as stated in the SOTA General Rules.

1.2 General information

The W5T-Texas SOTA association covers summits within the state of Texas in the US call area 5.

TEXAS – General. **Texas** (ⁱ /ˈtɛksəs/) is the second-largest [U.S. state](#) by both area and population, and the largest state in the [contiguous United States](#). The name, meaning "friends" or "allies" in [Caddo](#), was applied by the Spanish to the [Caddo](#) themselves and to the region of their settlement in [East Texas](#). Located in the [South Central United States](#), Texas is bordered by [Mexico](#) to the south, [New Mexico](#) to the west, [Oklahoma](#) to the north, [Arkansas](#) to the northeast, and [Louisiana](#) to the east. Texas has an area of 268,820 square miles (696,200 km²), and a growing population of 24.7 million residents.

[Houston](#) is the largest city in Texas and the [fourth-largest](#) in the United States, while San Antonio is the seventh largest in the United States. [Dallas–Fort Worth](#) and Houston are the fourth and sixth largest [United States metropolitan areas](#), respectively. Other major cities include [San Antonio](#), [El Paso](#), and [Austin](#)—the [state capital](#). Texas is nicknamed the *Lone Star State* to signify Texas as an independent republic and as a reminder of the state's struggle for independence from Mexico. The "Lone Star" can be found on the Texas State Flag and on the Texas State Seal today.

Due to its size and geologic features such as the [Balcones Fault](#), Texas contains diverse [landscapes](#) that resemble both the American [South](#) and the [Southwest](#). Although Texas is popularly associated with the [Southwestern deserts](#), less than 10% of the land area is [desert](#). Most of the population centers are located in areas of former [prairies](#), [grasslands](#), [forests](#), and the [coastline](#). Traveling from east to west, one can observe terrain that ranges from coastal [swamps](#) and [piney woods](#), to rolling plains and rugged hills, and finally the [desert](#) and mountains of the [Big Bend](#).

The term "[six flags over Texas](#)" came from the several nations that had ruled over the territory. [Spain](#) was the first European country to claim the area of Texas. [France](#) held a [short-lived colony](#) in Texas. [Mexico](#) controlled the territory until 1836 when Texas won its independence, becoming an independent [Republic](#). In 1845 it joined the United States as the 28th state. The state's [annexation](#) set off a [chain of events](#) that caused the [Mexican–American War](#) in 1846. A [slave state](#), Texas declared its secession from the United States in early 1861, joining the [Confederate States of America](#) during the [American Civil War](#). After the war and its restoration to the Union, Texas entered a long period of economic stagnation.

One Texas industry that thrived after the Civil War was [cattle](#). Due to its long history as a center of the industry, Texas is associated with the image of the [cowboy](#). The state's economic fortunes changed in the early 1900s, when [oil discoveries](#) initiated an [economic boom](#) in the state. With strong investments in universities, Texas in the mid twentieth century developed a [diversified economy](#), including many [high tech](#) industries. Today it has more [Fortune 500](#) companies than any other U.S. state. With a growing base of industry, the state leads in many industries, including [agriculture](#), [petrochemicals](#), [energy](#), [computers](#) and [electronics](#), [aerospace](#), and

[biomedical sciences](#). It leads the nation in export revenue since 2002 and has the second-highest [gross state product](#). Texas' GDP per capita (nominally) is ranked 23rd in the nation, which is below the national average.

GEOGRAPHY - Texas is the [second largest](#) U.S. state, behind Alaska, with an area of 268,820 square miles (696,200 km²). It is 10% [larger than](#) France and almost twice as large as Germany or Japan, though it ranks only 27th worldwide amongst [country subdivisions by size](#). If it were a country, Texas would be the [40th largest](#) behind Chile and Zambia.

Texas is in the [south-central](#) part of the United States of America. Three of its [borders](#) are defined by rivers. The [Rio Grande](#) River forms a natural border with the Mexican states of [Chihuahua](#), [Coahuila](#), [Nuevo León](#), and [Tamaulipas](#) to the south. The [Red River](#) forms a natural border with Oklahoma and Arkansas to the north. The [Sabine River](#) forms a natural border with Louisiana to the east. The [Texas Panhandle](#) has an eastern border with Oklahoma at [100° W](#), a northern border with Oklahoma at [36°30' N](#) and a western border with New Mexico at [103° W](#). [El Paso](#) lies on the state's western tip at [32° N](#) and the Rio Grande.

With 10 [climatic regions](#), 14 [soil regions](#), and 11 distinct [ecological regions](#), regional classification becomes problematic with differences in soils, topography, geology, rainfall, and plant and animal communities. One classification system divides Texas, in order southeast to west, into the following: [Gulf Coastal Plains](#), Interior Lowlands, [Great Plains](#), and Basin and Range Province. The Gulf Coastal Plains region wraps around the Gulf of Mexico on the southeast section of the state. Vegetation in this region consists of thick piney woods. The Interior Lowlands region consists of gently rolling to hilly forested land is part of a larger pine-hardwood forest. The Great Plains region in central Texas is located in spans through the state's [panhandle](#) and [Llano Estacado](#) to the state's [hill country](#) near Austin. This region is dominated by [prairie](#) and [steppe](#). "Far West Texas" or the "[Trans-Pecos](#)" region is the state's Basin and Range Province. The most varied of the regions, this area includes Sand Hills, the Stockton Plateau, desert valleys, wooded mountain slopes and desert grasslands.

Texas has 3,700 named streams and 15 major rivers. The largest of these rivers is the [Rio Grande](#). Other major rivers include the [Pecos](#), the [Brazos](#), [Colorado](#), and [Red River](#), which forms the border with Oklahoma. While Texas does not have any large natural lakes, Texans have built over 100 [artificial reservoirs](#).

Texas's size and unique history makes its regional affiliation debatable. Depending on the source, it can be fairly considered either or both a Southern or Southwestern state. The vast geographic, economic, and cultural diversity within the state itself prohibits easy categorization of the whole state into a [recognized region of the United States](#). The East, Central, and North Texas regions have a stronger association with the [American South](#) than with the [Southwest](#). Others, such as far West Texas and South Texas share more similarities with the latter.

Texas is the southernmost part of the Great Plains, which ends in the south against the folded [Sierra Madre Occidental](#) of Mexico. The [continental crust](#) forms a stable [Mesoproterozoic craton](#) which changes across a broad continental margin and transitional crust into true [oceanic crust](#) of the Gulf of Mexico. The oldest rocks in Texas date from the Mesoproterozoic and are about 1,600 million years old. These [Precambrian igneous](#) and [metamorphic rocks](#) underlie most of the state, and are exposed in three places: [Llano](#) uplift, [Van Horn](#), and the [Franklin Mountains](#), near El Paso. [Sedimentary rocks](#) overlay most of these ancient rocks. The oldest sediments were deposited on the flanks of a rifted continental margin, or [passive margin](#) that developed during [Cambrian](#) time. This margin existed until [Laurasia](#) and [Gondwana](#) collided in the [Pennsylvanian](#) era to form [Pangea](#). This is the buried crest of the [Appalachian Mountains–Ouachita Mountains](#) zone of Pennsylvanian [continental collision](#). This [orogenic](#) crest is today buried beneath the Dallas–[Waco](#)–Austin–San Antonio trend.

The late [Paleozoic](#) mountains collapsed as [rifting](#) in the [Jurassic](#) era began to open the Gulf of Mexico. Pangea began to break up in the [Triassic](#), but [seafloor spreading](#) to form the Gulf of Mexico occurred only in the mid and [late Jurassic](#). The shoreline shifted again to the eastern margin of the state and the Gulf of Mexico passive margin began to form.

Today 9 miles (14 km) to 12 miles (19 km) of sediments are buried beneath the Texas continental shelf and a large proportion of remaining US [oil reserves](#) are located here. At the start of its formation, the incipient Gulf of Mexico basin was restricted and seawater often evaporated completely to form thick [evaporite](#) deposits of Jurassic age. These salt deposits formed [salt dome diapirs](#), and are found in East Texas along the Gulf coast.

East Texas outcrops consist of [Cretaceous](#) and [Paleogene](#) sediments which contain important deposits of [Eocene lignite](#). The Mississippian and Pennsylvanian sediments in the north; Permian sediments in the west; and Cretaceous sediments in the east, along the Gulf coast and out on the Texas [continental shelf](#) contain oil. [Oligocene volcanic](#) rocks are found in far west Texas in the [Big Bend](#) area. A blanket of [Miocene](#) sediments known as the [Ogallala formation](#) in the western high plains region is an important [aquifer](#). Located far from an active [plate tectonic](#) boundary, Texas has no [volcanoes](#) and few [earthquakes](#).

CLIMATE - The large size of Texas and its location at the intersection of multiple [climate zones](#) gives the state highly variable weather. The Panhandle of the state has colder winters than North Texas, while the Gulf Coast has mild winters. Texas has wide variations in precipitation patterns. El Paso, on the western end of the state, averages as little as 8 inches (200 mm) of annual rainfall while Houston, on the southeast Texas averages as much as 54 inches (1,400 mm) per year. Dallas in the North Central region averages a more moderate 37 inches (940 mm) per year. Snow falls multiple times each winter in the Panhandle and mountainous areas of West Texas, once or twice a year in North Texas, and once every few years in Central and East Texas. Snow rarely falls south of San Antonio or on the coast except in rare circumstances. Of note is the [2004 Christmas Eve Snowstorm](#) was the first recorded [White Christmas](#) in Houston where 6 inches of snow fell as far south as [Kingsville](#), where the average high temperature in December is 65° F.

Maximum temperatures in the summer months average from the 80s °F (26 °C) in the mountains of West Texas and on [Galveston Island](#) to around 100 °F (38 °C) in the [Rio Grande Valley](#), but most areas of Texas see consistent summer high temperatures in the 90 °F (32 °C) range. Night time summer temperatures range from the upper 50s °F (14 °C) in the West Texas mountains to 80 °F (27 °C) in Galveston. The record high temperature was recorded at 114° in El Paso, in July of 1994.

[Thunderstorms](#) strike Texas often, especially the eastern and northern portions of the state. [Tornado Alley](#) covers the northern section of Texas. The state experiences the most [tornadoes](#) in the United States, an average of 139 a year. These strike most frequently in North Texas and the Panhandle. Tornadoes in Texas generally occur in the months of April, May, and June.

Some of the most destructive hurricanes in U.S. history have impacted Texas. A hurricane in 1875 killed approximately 400 people in [Indianola](#), followed by [another hurricane](#) in 1886 that destroyed the town. These events allowed [Galveston](#) to take over as the chief port city. The [Galveston hurricane of 1900](#) subsequently devastated that city killing approximately 8,000 people (possibly as many as 12,000), making it the deadliest [natural disaster](#) in U.S. history. Other devastating Texas hurricanes include the [1915 Galveston Hurricane](#), [Hurricane Audrey](#) in 1957 which killed over 600 people, [Hurricane Carla](#) in 1961, [Hurricane Beulah](#) in 1967, [Hurricane Alicia](#) in 1983, [Hurricane Rita](#) in 2005, and [Hurricane Ike](#) in 2008. [Tropical storms](#) have also caused their share of damage: [Allison](#) in 1989 and again [during 2001](#), and [Claudette](#) in 1979 among them.

1.3 Rights of way and access issues

Many W5- SOTA summits are located on public land. The public lands of the W5 states are managed by a variety of government agencies, each with their own policies concerning public access. It is the responsibility of the activator to learn and abide by the rules of the agency controlling the land and its use.

In addition, large portions of the W5- SOTA summits are located on land that is privately owned and actively used for cattle and horse ranching. It is the responsibility of the summit activator to learn which summits are on

private land, and to seek proper authorization for the summit BEFORE SOTA activation. The summits on private land are listed for information, and for the possibility that someone who knows the ranch owner may gain permission to activate a summit. When activating a summit on private lands, special attention should be paid to represent SOTA and Amateur Radio in the best manner possible. Abide by the land-owner's rules, and leave the summit cleaner than when you arrived.

In addition, the U.S Government also controls many acres of land in the W5 area. These are primarily the Military bases. Although it is possible some may be activated, many of the summits on the military bases are on gunnery ranges and in ordnance impact areas. These will likely not be activated.

The land ownership of Texas by percent is listed below.

STATE NAME	Federal	State	Private
Texas	1.9%	2.4%	95.7%

The US Bureau of Land Management (BLM) controls thousands of acres of land in the W5 states. For information, maps, and questions contact the BLM at this web site: <http://www.blm.gov/wo/st/en.html>.

The National Park Service (NPS) controls thousands of acres of land in the W5 states. For information, maps, and questions contact the NPS at the following web site: <http://www.nps.gov/index.htm>

The United States Forest Service (USFS) controls thousands of acres of land in the W5 states. For information, maps, and questions contact the USFS at the following web site: <http://www.fs.fed.us/>

Other un-named government agencies (Military, national laboratories, etc) own about ten thousand acres of land in the W5 states. Indian tribes own almost ten thousand acres of land in the W5 states. Activators wishing to activate summits on these lands will need to research the owning agency and seek permission on their own. There are a few National Wildlife Refuge areas and/or game preserve areas in the W5-SOTA area. Often these areas are entry restricted. Activators wishing to activate summits on these lands will need to research the owning agency and seek permission on their own.

If you plan to use agency maintained roads to access a trailhead, contact the proper administrative office to be sure you will not face any locked gates. State Parks, National Parks, and nature preserves are usually quite restrictive concerning use. Use only designated parking to access designated trails for travel to designated locations. Obtain all necessary entrance, hiking and camping permits.

1.4 Maps and navigation

US Geological Survey (USGS) maps are considered the standard for backcountry travel. USGS topographic maps accurately represent the natural and manmade features of the land to stringent National Map Accuracy Standards.

USGS maps of the 7½ Minute Series (covering 7½ x 7½ minutes of geographic arc) show most maintained trails and contour intervals of 40 ft. at a scale of 1:24,000. Carrying these maps as a primary or backup source of navigation information is strongly recommended, even if you are familiar with the terrain.

USGS maps of the 30 x 60 Minute Series, with a scale of 1:100,000 are commonly referred to as "land use maps" and are useful in determining what lands are publicly and privately owned, and which government

agency is responsible for managing a particular publicly owned area.

USGS maps are available at map retailers and outdoor outfitters throughout the state. A catalogue, an order form, a Pennsylvania and Maryland Index to Map Coverage, and a legend of map symbols are available upon written request from:

USGS Information Services
Box 25286, Federal Center
Denver, Colorado 80225
<http://www.usgs.gov/>

Also useful are US Forest Service, National Park, and State Park maps which show parking, camping, toilet, trash, and other visitor facilities. National Forest and National Park maps are usually available at the forest or park entrance or visitor's center.

1.5 Safety considerations

Mountaineering is an inherently risky endeavor. The consequences of thoughtless actions can be tragic. While the risks you assume by participating in SOTA activities can never be dismissed, they can be greatly diminished through knowledge, preparation and experience. Mountain roads are often unstable and subject to temporary closure. The condition of access roads through forest and park lands should be confirmed by contacting the managing agency. Trail conditions can change from season to season, and especially after a violent storm. Contacting the nearest ranger station or managing agency office for last-minute trail information should be considered a must before activating any summit in W5-SOTA.

Mountain weather in the W5-SOTA area can vary from blazing heat to blowing snow during the summer and winter seasons. Be prepared to travel and to stay for 1 unplanned day in any type of weather you may encounter. NOAA forecasts should be checked at <http://weather.noaa.gov/> before any travel commences.

Current conditions and any local hazardous weather warnings should be monitored on NOAA Weather Radio, with frequencies available at: [TEXAS National Weather Service](#)

Dangers may include dehydration, hunger, wild animals, natural obstacles, heat, cold, storms and lightning. Survival training is beyond the scope of this document. Summit activators are cautioned to be aware and be prepared for the situations most likely to be encountered during summit activation.

Lightening can be a particular hazard for summit activators. The obvious idea behind SOTA is to activate the highest summit in each area. The activator will be placing a metal conductor even higher than the highest point on that summit. Summit activators should remain aware of the weather conditions in all directions and make preparations to depart the summit long before storm clouds are overhead. Lightening has been known to strike as "A Bolt from the Blue" even when the storms are miles away. Summit activators should learn the signs and actions to take when a strike is imminent on the activated summit.

1.6 Environmental considerations

FOLLOW ALL POSTED FIRE RESTRICTIONS OR YOU MAY END UP IN PRISON. This is not an exaggeration.

Burn area restoration, use impact recovery, threatened species habitat preservation, and wildfire risk are common reasons the public lands of the W5 states are subject to temporary use restrictions and area closures. Such changes to access are always advertised and well posted. Check with the administering agencies and NEVER violate these restrictions.

In addition, a “Controlled Burn” may be implemented in an area being activated. It is important to consider that the controlled burn can quickly become an uncontrolled wildfire with just a little wind at the wrong time. Summit activators need to be aware of the trails and roads needed to exit the area, and an alternate route should be planned on should the primary trail or road become impassible due to fire, flooding, or other problems.

1.7 Awards

1.8 Process to maintain summit lists

The W5 Association Manager in conjunction with the region managers shall make available to all interested parties a process to petition for the addition, correction, or removal of summit listings.

A summit is to be added to the list if the petitioner demonstrates that it meets the qualification of prominence and that public access may be available. A summit listing is to be corrected if the petitioner demonstrates that the factual information presented is incorrect. A summit is to be deleted if the petitioner demonstrates a permanent disqualification of the summit.

Petitions will be reviewed and action taken at least once per calendar year. The supporting documents should be E-Mailed to the region manager or association manager if no region manager exists. A swift response should be the norm, but this is a hobby and other life events may preclude a response as quickly as one would like.

1.9 Summit Definition

All summits for the W5 Association use the SOTA definition of a summit, which can be found in the General Rules document. For those Associations where maps use feet rather than meters for elevation (such as the United States of America), a value of 500 feet is used as the near-equivalent of 150 meters (492.2 feet), and 328 feet is used for the P-100m area the near-equivalent of 100 meters (328.08 feet).

1.9.1 Disclaimer

Hiking, hill-walking and rock-climbing are potentially dangerous activities. The SOTA Management Team and their associates assume no responsibility for accidents. Each participant does so at his or her own risk, and must decide, on the basis of their own ability, whether an objective is achievable. The listing of a summit in the reference does not mean that it is easy to reach, and it is always worth seeking local advice for all but the simplest of expeditions.

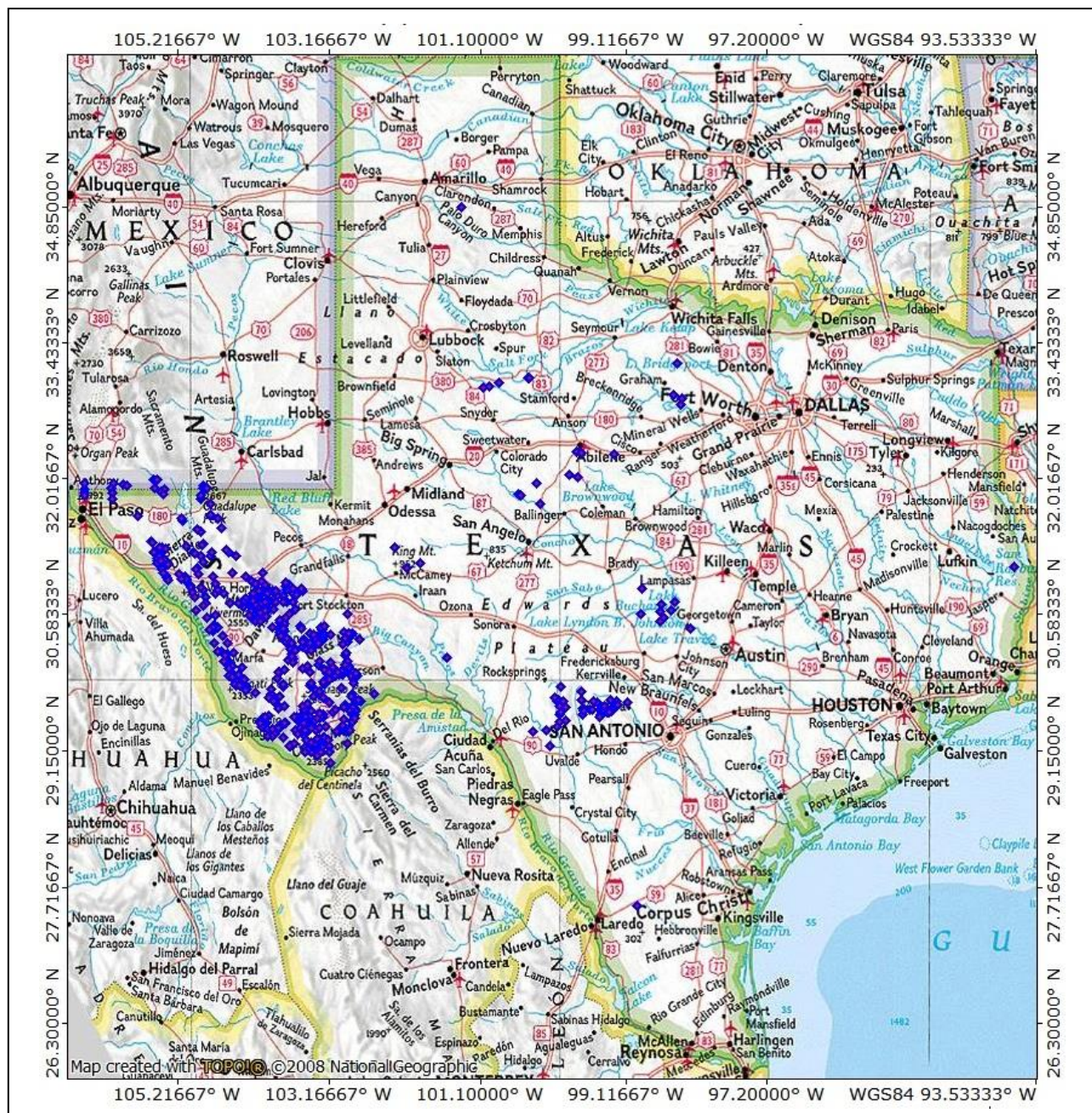
1.9.2 Geologic areas referenced in Regional Notes

Manager note: The height and prominence values listed for W5T summits were taken from the database maintained on the [Lists of John](#) web site. W5-SOTA owes a great debt of thanks to John Kirk, owner of Lists of John. Not only did he allow the use of his listing for New Mexico and Texas, but he also accelerated his work on Arkansas and Oklahoma in order to facilitate the timely completion of the W5-SOTA project.

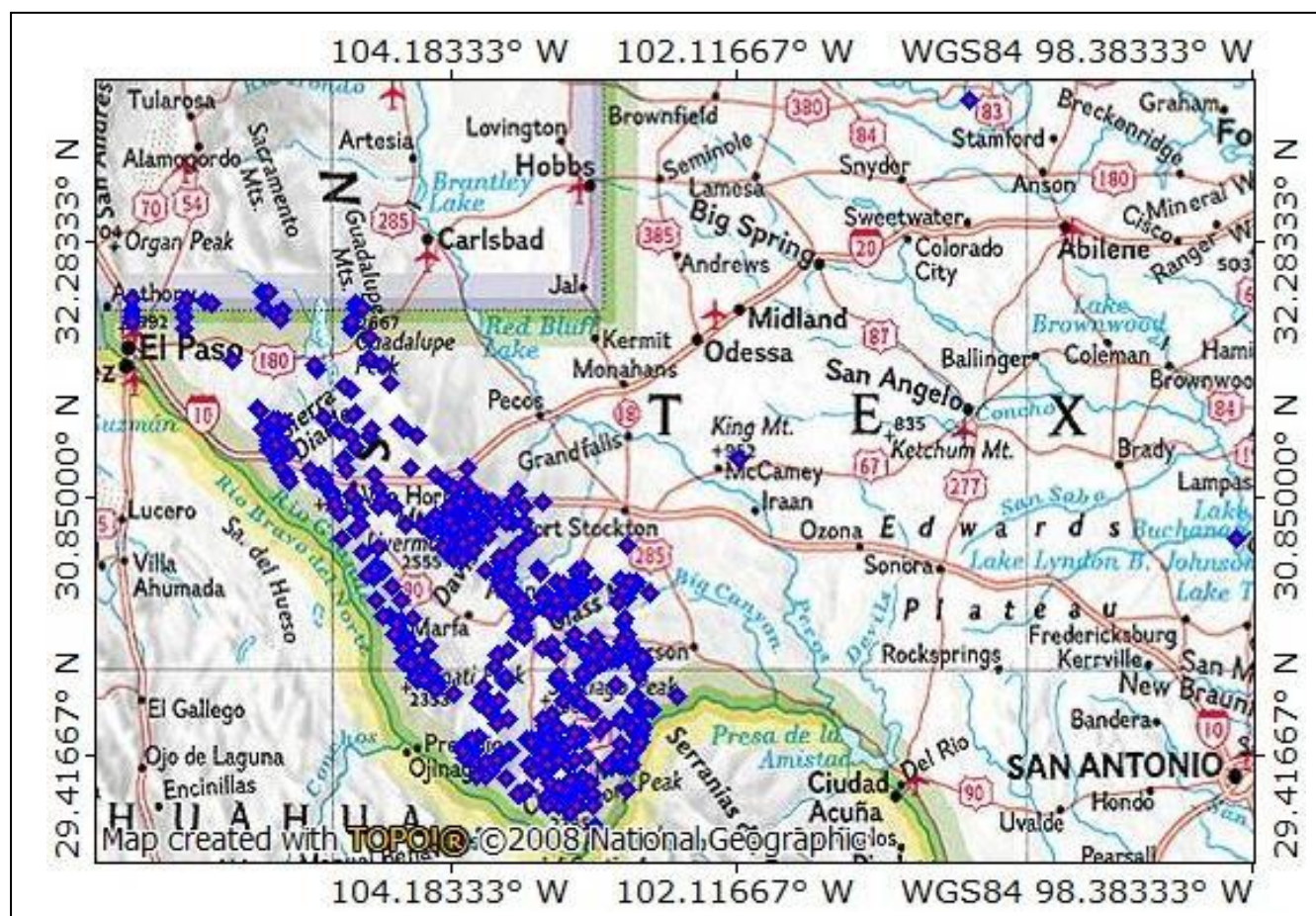
1.9.3 Geologic areas referenced in Regional Notes – Regional Maps

Texas SOTA Summits

The summits of Texas are predominantly located within the western portion of the state. With the exception of eighty two summits east of the main summit area, all Texas summits are south-west of the Pecos River and north-east of the Rio Grande. Most of these summits are bare or covered with low shrubs and desert plants. Lack of shade, lack of water and intense heat and sunlight will make summer activations challenging. Activators should be aware of the difficulties and be prepared for any problems encountered.



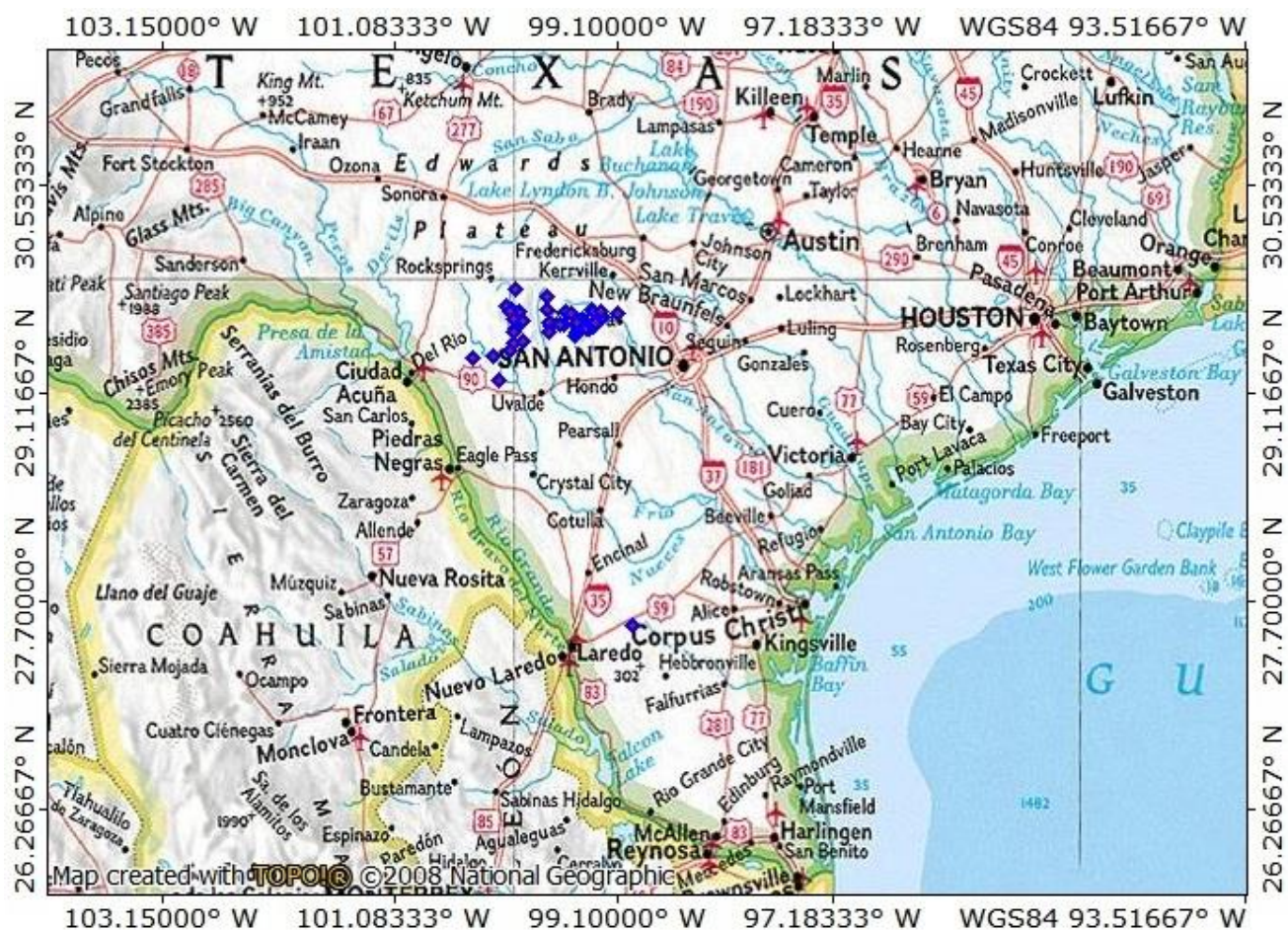
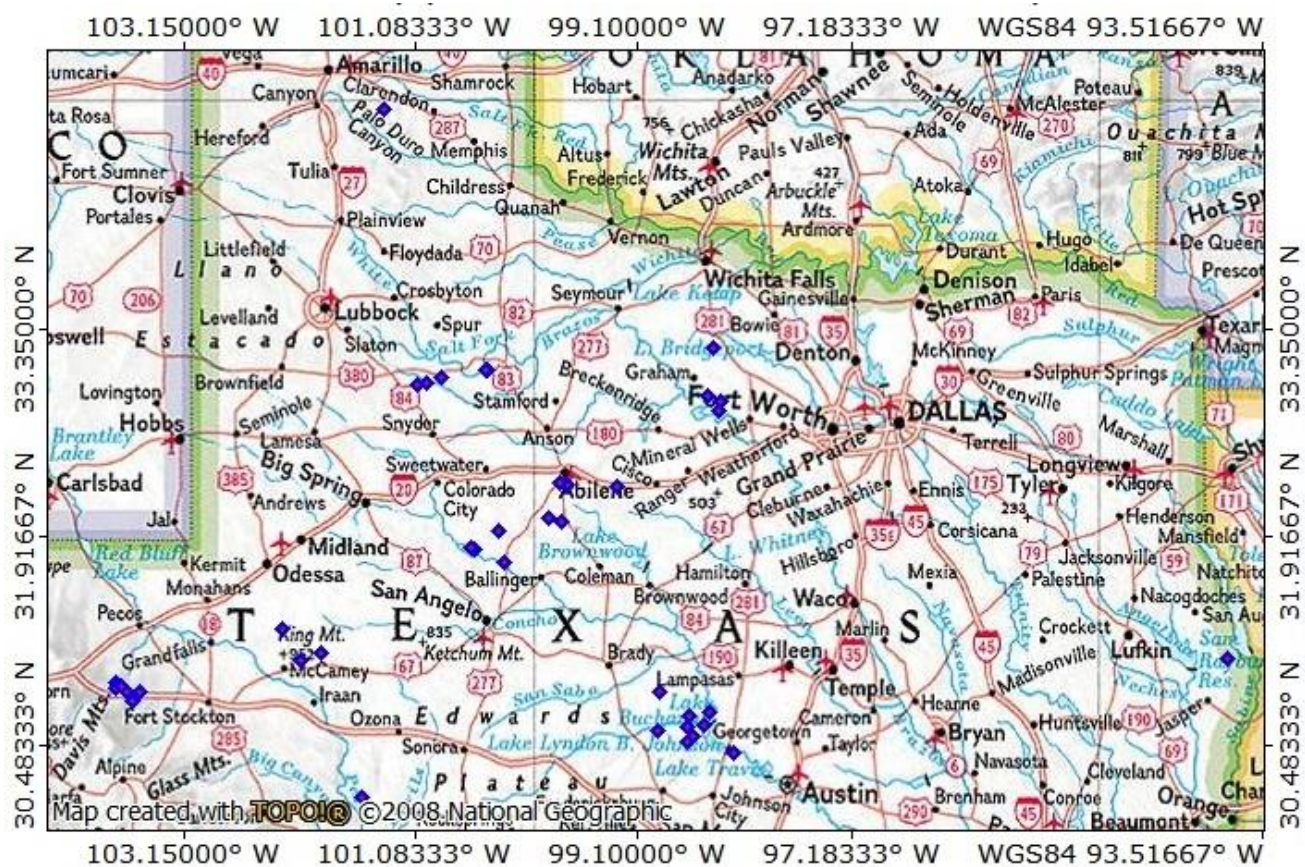
Because Texas is such a large state, additional maps of the areas where the summits are, scaled in more detail are below. This will allow the activator to better see the distribution of summits in Texas. The first map is West Texas, where 444 of the 526 Texas summits are located.



The second map below is of the North Texas region. There are 39 summits spread from the Davis Mountains in the west all the way to the Louisiana border, north of latitude 30.000° (map – lower right). There is also a lone summit south of Amarillo (map – upper left).

The third map below is of the South Texas region. There are 43 summits spread from the Del Rio in the west all the way to San Antonio in the east, south of latitude 30.000°. There is also a lone summit east of Laredo (map – lower middle).

Summits on the Air – ARM for USA (W5T-Texas)



Summits on the Air – ARM for USA (W5T-Texas)

2 Summit Reference Data

2.1 Region Reference – Bofecillos Mountains Region – W5T/BO-xxx

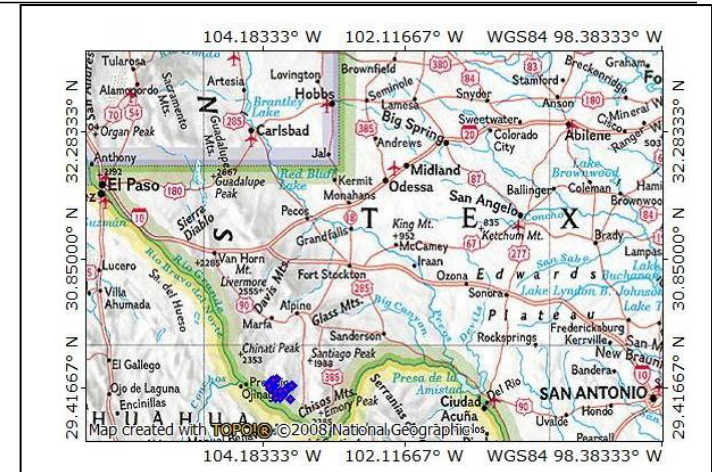
Association	USA W5T-TEXAS
Region	Bofecillos Mountains – W5T/BO-xxx
Region manager	Sean Gardner-KD6CUB mailto:kd6cub@arrl.net

2.1.1 Regional notes

16 summits of the Bofecillos Mountains Region (**BO**) include a 3-point summer bonus because they attain the >4000 ft minimum. (pg-10).

2.1.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/BO-001	Fresno Peak	5140	760	29.4272	-103.8374	1-Jul-2010		Presidio	The Solitario.	6
W5T/BO-002	Oso Mountain	5135	845	29.4495	-104.0170	1-Jul-2010		Presidio	Agua Adentro Mountain.	6
W5T/BO-003	Blue Range HP	5060	640	29.4444	-103.7531	1-Jul-2010		Brewster	The Solitario.	4
W5T/BO-004	La Mota Mountain	5044	944	29.5277	-103.9824	1-Jul-2010		Presidio	La Mota Mountain.	4
W5T/BO-005	5017	5017	557	29.4487	-103.7740	1-Jul-2010		Brewster	The Solitario.	4
W5T/BO-006	Bofecillos Peak	5002	902	29.4711	-104.0922	1-Jul-2010		Presidio	Agua Adentro Mountain.	4
W5T/BO-007	4982	4982	802	29.4985	-104.0712	1-Jul-2010		Presidio	Agua Adentro Mountain.	4
W5T/BO-008	Panther Benchmark	4980	600	29.3877	-104.0086	1-Jul-2010		Presidio	Agua Adentro Mountain.	4
W5T/BO-009	4962	4962	542	29.4475	-104.0505	1-Jul-2010		Presidio	Agua Adentro Mountain.	4
W5T/BO-010	4900	4900	560	29.3806	-103.9389	1-Jul-2010		Presidio	Sauceda Ranch.	4
W5T/BO-011	4824	4824	644	29.5152	-104.0394	1-Jul-2010		Presidio	Manzanillo Canyon.	4
W5T/BO-012	4705	4705	565	29.4554	-104.0966	1-Jul-2010		Presidio	Agua Adentro Mountain.	4
W5T/BO-013	4660	4660	560	29.4145	-104.0896	1-Jul-2010		Presidio	Agua Adentro Mountain.	4



Summits on the Air – ARM for USA (W5T-Texas)

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/BO-014	4530	4530	550	29.4467	-104.1008	1-Jul-2010		Presidio	Agua Adentro Mountain.	4
W5T/BO-015	Madril Benchmark	4500	600	29.3385	-103.9007	1-Jul-2010		Presidio	Santana Mesa.	4
W5T/BO-016	4012	4012	552	29.3953	-103.8378	1-Jul-2010		Presidio	The Solitario.	2
W5T/BO-017	3989	3989	529	29.4016	-103.8547	1-Jul-2010		Presidio	The Solitario.	2
W5T/BO-018	Santana Mesa	3925	705	29.3018	-103.9360	1-Jul-2010		Presidio	Santana Mesa.	2
W5T/BO-019	Lajitas Mesa	3672	932	29.2933	-103.7888	1-Jul-2010		Brewster	Lajitas.	2
W5T/BO-020	3465	3465	725	29.3096	-103.9958	1-Jul-2010		Presidio	Santana Mesa.	1

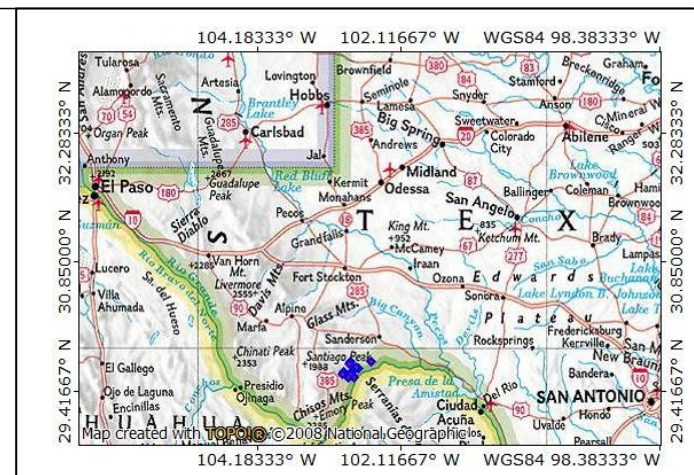
Summits on the Air – ARM for USA (W5T-Texas)

2.2 Region Reference – Bullis Gap Mountains Region – W5T/BG-xxx

Association	USA W5T-TEXAS
Region	Bullis Gap Mountains – W5T/BG-xxx
Region manager	Sean Gardner-KD6CUB mailto:kd6cub@arri.net

2.2.1 Regional notes

The 13 summits of the Bullis Gap Mountains Region (**BG**) include NO Bonus because they do not attain the >4000 ft minimum. (pg-10).



2.2.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/BG-001	River Benchmark	3938	1113	29.6336	-102.8357	1-Jul-2010		Brewster	Cupola Mountain.	2
W5T/BG-002	Dove Mountain	3792	972	29.7542	-102.8469	1-Jul-2010		Brewster	Dove Mountain.	2
W5T/BG-003	Stillwell Mountain	3654	1074	29.6323	-102.9494	1-Jul-2010		Brewster	Stillwell Mountain.	2
W5T/BG-004	Black Mountain	3642	782	29.7286	-102.8553	1-Jul-2010		Brewster	Cupola Mountain.	2
W5T/BG-005	3489	3489	709	29.6118	-102.9648	1-Jul-2010		Brewster	Black Gap.	1
W5T/BG-006	3340	3340	680	29.6798	-102.7300	1-Jul-2010		Brewster	Las Vegas De Los Ladrones.	1
W5T/BG-007	3260	3260	640	29.6876	-102.7633	1-Jul-2010		Brewster	Cupola Mountain.	1
W5T/BG-008	3260	3260	600	29.5883	-102.8121	1-Jul-2010		Brewster	Bourland Canyon.	1
W5T/BG-009	3245	3245	505	29.5942	-102.8192	1-Jul-2010		Brewster	Bourland Canyon.	1
W5T/BG-010	3030	3030	530	29.5731	-102.8031	1-Jul-2010		Brewster	Bourland Canyon.	1
W5T/BG-011	3002	3002	502	29.6156	-102.8497	1-Jul-2010		Brewster	Bourland Canyon.	1
W5T/BG-012	Loma de las Palmas	2940	521	29.7530	-102.5469	1-Jul-2010		Brewster	Bullis Gap.	1
W5T/BG-013	2699	2699	559	29.5789	-102.8868	1-Jul-2010		Brewster	Black Gap.	1

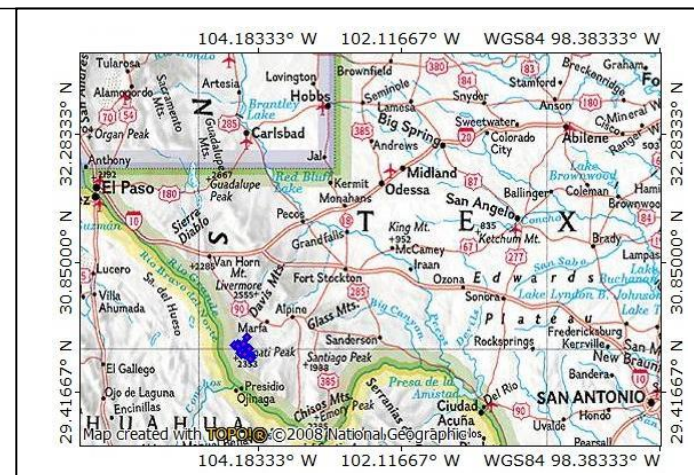
Summits on the Air – ARM for USA (W5T-Texas)

2.3 Region Reference – Chinati Mountains Region – W5T/CH-xxx

Association	USA W5T-TEXAS
Region	Chinati Mountains – W5T/CH-xxx
Region manager	Sean Gardner-KD6CUB mailto:kd6cub@arri.net

2.3.1 Regional notes

The 16 summits of the Chinati Mountains Region (**CH**) include a 3-point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.3.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/CH-001	Chinati Peak	7728	2953	29.9534	-104.4778	1-Jul-2010		Presidio	Chinati Peak.	10
W5T/CH-002	Sierra Parda	7270	1130	29.9473	-104.5313	1-Jul-2010		Presidio	Sierra Parda.	10
W5T/CH-003	6620	6620	1160	29.8549	-104.4078	1-Jul-2010		Presidio	Cerro Orona.	8
W5T/CH-004	6420	6420	800	29.9050	-104.4641	1-Jul-2010		Presidio	Chinati Peak.	8
W5T/CH-005	6405	6405	665	29.8935	-104.4353	1-Jul-2010		Presidio	Chinati Peak.	8
W5T/CH-006	Cerro Orona	6305	645	29.8440	-104.4360	1-Jul-2010		Presidio	Cerro Orona.	8
W5T/CH-007	6260	6260	640	29.9382	-104.4465	1-Jul-2010		Presidio	Chinati Peak.	8
W5T/CH-008	6075	6075	505	29.8498	-104.4532	1-Jul-2010		Presidio	Cerro Orona.	8
W5T/CH-009	6030	6030	570	29.8376	-104.3825	1-Jul-2010		Presidio	Cerro Orona.	8
W5T/CH-010	Aguja	6020	1040	29.9559	-104.4046	1-Jul-2010		Presidio	Chinati Peak.	8
W5T/CH-011	5845	5845	545	29.9229	-104.4799	1-Jul-2010		Presidio	Chinati Peak.	6
W5T/CH-012	5752	5752	652	30.0247	-104.3547	1-Jul-2010		Presidio	Cuesta Del Burro East.	6
W5T/CH-013	5060	5060	680	29.8251	-104.2761	1-Jul-2010		Presidio	Shafter.	4
W5T/CH-014	Tres Hermanas	5027	567	29.7984	-104.2871	1-Jul-2010		Presidio	Shafter.	4
W5T/CH-015	Cerro Alto	4885	505	29.9012	-104.3066	1-Jul-2010		Presidio	Cieneguita.	4
W5T/CH-016	Cerro Gato	4673	573	29.7914	-104.2954	1-Jul-2010		Presidio	Shafter.	4

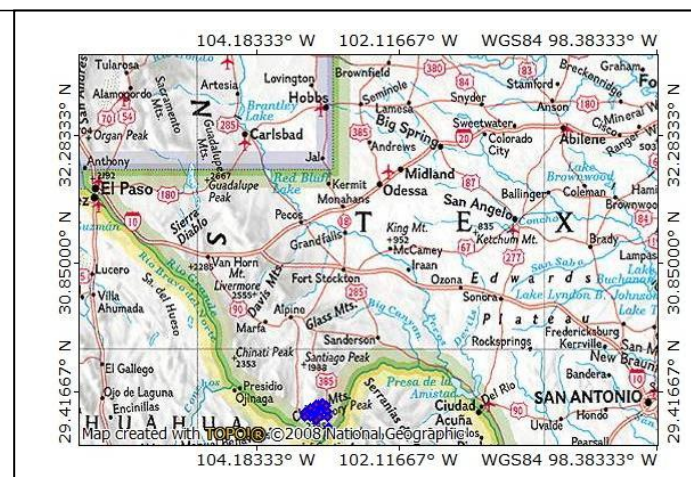
Summits on the Air – ARM for USA (W5T-Texas)

2.4 Region Reference – Chisos Mountains Region – W5T/CI-xxx

Association	USA W5T-TEXAS
Region	Chisos Mountains – W5T/CI-xxx
Region manager	Sean Gardner-KD6CUB mailto:kd6cub@arri.net

2.4.1 Regional notes

28 summits of the Chisos Mountains Region (**CI**) include a 3-point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.4.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/CI-001	Emory Peak	7825	4495	29.2460	-103.3051	1-Jul-2010		Brewster	Emory Peak.	10
W5T/CI-002	Lost Mine Peak	7535	1435	29.2755	-103.2584	1-Jul-2010		Brewster	The Basin.	10
W5T/CI-003	Casa Grande Peak	7325	585	29.2677	-103.2873	1-Jul-2010		Brewster	The Basin.	10
W5T/CI-004	Crown Mountain East	7140	600	29.2573	-103.2487	1-Jul-2010		Brewster	Panther Junction.	10
W5T/CI-005	Crown Mountain West	7010	590	29.2605	-103.2599	1-Jul-2010		Brewster	The Basin.	10
W5T/CI-006	6905	6905	1125	29.2875	-103.2930	1-Jul-2010		Brewster	The Basin.	10
W5T/CI-007	6728	6728	508	29.2238	-103.3240	1-Jul-2010		Brewster	Emory Peak.	10
W5T/CI-008	Vernon Bailey Peak	6670	610	29.2837	-103.3210	1-Jul-2010		Brewster	The Basin.	8
W5T/CI-009	Pummel Peak	6620	1120	29.2872	-103.2179	1-Jul-2010		Brewster	Panther Junction.	8
W5T/CI-010	Panther Peak	6409	709	29.2983	-103.2391	1-Jul-2010		Brewster	Panther Junction.	8
W5T/CI-011	6282	6282	542	29.2890	-103.2333	1-Jul-2010		Brewster	Panther Junction.	8
W5T/CI-012	Sierra Quemada	6060	800	29.1892	-103.3097	1-Jul-2010		Brewster	Emory Peak.	8
W5T/CI-013	5917	5917	577	29.2003	-103.3274	1-Jul-2010		Brewster	Emory Peak.	8
W5T/CI-014	5500	5500	1200	29.1575	-103.3329	1-Jul-2010		Brewster	Emory Peak.	6
W5T/CI-015	5285	5285	545	29.2297	-103.3605	1-Jul-2010		Brewster	Emory Peak.	6
W5T/CI-016	Elephant Tusk	5249	1389	29.1573	-103.2677	1-Jul-2010		Brewster	Emory Peak.	6

Summits on the Air – ARM for USA (W5T-Texas)

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/CI-017	5168	5168	748	29.1261	-103.3222	1-Jul-2010		Brewster	Emory Peak.	6
W5T/CI-018	Dominguez Mountain	5156	976	29.1420	-103.2971	1-Jul-2010		Brewster	Emory Peak.	6
W5T/CI-019	5140	5140	720	29.1981	-103.2525	1-Jul-2010		Brewster	Emory Peak.	6
W5T/CI-020	Punta de la Sierra	4885	625	29.1060	-103.3177	1-Jul-2010		Brewster	Reed Camp.	4
W5T/CI-021	Nugent Mountain	4783	843	29.2627	-103.1718	1-Jul-2010		Brewster	Panther Junction.	4
W5T/CI-022	Backbone Ridge	4758	898	29.1431	-103.2731	1-Jul-2010		Brewster	Emory Peak.	4
W5T/CI-023	4685	4685	705	29.1701	-103.3674	1-Jul-2010		Brewster	Emory Peak.	4
W5T/CI-024	Goat Mountain	4625	725	29.1878	-103.4063	1-Jul-2010		Brewster	Cerro Castellan.	4
W5T/CI-025	Burro Mesa	4431	531	29.2472	-103.4126	1-Jul-2010		Brewster	Cerro Castellan.	4
W5T/CI-026	4358	4358	538	29.1834	-103.3871	1-Jul-2010		Brewster	Cerro Castellan.	4
W5T/CI-027	Trap Mountain	4125	1105	29.1719	-103.4278	1-Jul-2010		Brewster	Cerro Castellan.	2
W5T/CI-028	Chilicotal Mountain	4108	928	29.2045	-103.1540	1-Jul-2010		Brewster	Glenn Spring.	2
W5T/CI-029	Mariscal Mountain	3953	1583	29.0254	-103.1495	1-Jul-2010		Brewster	Mariscal Mountain.	2
W5T/CI-030	Mule Ear Peaks South	3900	760	29.1435	-103.4023	1-Jul-2010		Brewster	Cerro Castellan.	2
W5T/CI-031	Kit Mountain	3825	725	29.2038	-103.4508	1-Jul-2010		Brewster	Cerro Castellan.	2
W5T/CI-032	Talley Mountain	3765	1105	29.1359	-103.1668	1-Jul-2010		Brewster	Glenn Spring.	2
W5T/CI-033	3625	3625	605	29.1388	-103.4124	1-Jul-2010		Brewster	Cerro Castellan.	2
W5T/CI-034	Bee Mountain	3420	800	29.1878	-103.4862	1-Jul-2010		Brewster	Cerro Castellan.	1
W5T/CI-035	3402	3402	662	29.1703	-103.4508	1-Jul-2010		Brewster	Cerro Castellan.	1
W5T/CI-036	Cerro Castellan	3293	953	29.1445	-103.4974	1-Jul-2010		Brewster	Cerro Castellan.	1

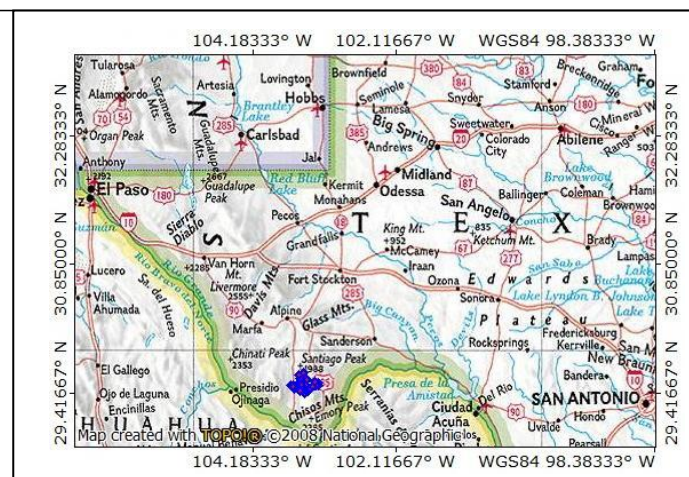
Summits on the Air – ARM for USA (W5T-Texas)

2.5 Region Reference – Christmas Mountains Region – W5T/CR-xxx

Association	USA W5T-TEXAS
Region	Christmas Mountains – W5T/CR-xxx
Region manager	Sean Gardner-KD6CUB mailto:kd6cub@arrl.net

2.5.1 Regional notes

31 summits of the Christmas Mountains Region (**CR**) include a 3-point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.5.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/CR-001	Christmas Mountains HP	5728	2398	29.4253	-103.4424	1-Jul-2010		Brewster	Christmas Mountains.	6
W5T/CR-002	Nine Point Mesa	5540	1755	29.6554	-103.4621	1-Jul-2010		Brewster	Graytop.	6
W5T/CR-003	Paisano Peak	5451	911	29.4542	-103.4596	1-Jul-2010		Brewster	Christmas Mountains.	6
W5T/CR-004	Rosillo Peak	5445	2115	29.5308	-103.2442	1-Jul-2010		Brewster	Bone Spring.	6
W5T/CR-005	West Corazon Peak	5319	1419	29.4919	-103.4288	1-Jul-2010		Brewster	Christmas Mountains.	6
W5T/CR-006	5217	5217	567	29.5130	-103.2390	1-Jul-2010		Brewster	Bone Spring.	6
W5T/CR-007	East Corazon Peak	5045	1225	29.4973	-103.4034	1-Jul-2010		Brewster	Christmas Mountains.	4
W5T/CR-008	Hen Egg Mountain	5005	1555	29.4738	-103.5913	1-Jul-2010		Brewster	Hen Egg Mountain.	4
W5T/CR-009	Williams Mount	4937	797	29.4765	-103.4629	1-Jul-2010		Brewster	Christmas Mountains.	4
W5T/CR-010	4859	4859	559	29.4578	-103.4217	1-Jul-2010		Brewster	Christmas Mountains.	4
W5T/CR-011	Aqua Fria Mountain	4820	1240	29.5155	-103.6441	1-Jul-2010		Brewster	Aqua Fria Mountain.	4
W5T/CR-012	4765	4765	825	29.4990	-103.4549	1-Jul-2010		Brewster	Christmas Mountains.	4
W5T/CR-013	4661	4661	601	29.5112	-103.4156	1-Jul-2010		Brewster	White Hills.	4
W5T/CR-014	Packsaddle Mountain	4656	1166	29.5147	-103.5614	1-Jul-2010		Brewster	Packsaddle Mountain.	4
W5T/CR-015	4625	4625	925	29.4891	-103.5978	1-Jul-2010		Brewster	Hen Egg Mountain.	4
W5T/CR-016	4522	4522	902	29.5122	-103.2955	1-Jul-2010		Brewster	Twin Peaks.	4

Summits on the Air – ARM for USA (W5T-Texas)

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/CR-017	Adobe Walls Mountain	4510	570	29.4883	-103.5032	1-Jul-2010		Brewster	Hen Egg Mountain.	4
W5T/CR-018	4506	4506	701	29.4915	-103.5742	1-Jul-2010		Brewster	Hen Egg Mountain.	4
W5T/CR-019	4488	4488	548	29.4969	-103.4744	1-Jul-2010		Brewster	Christmas Mountains.	4
W5T/CR-020	4462	4462	522	29.5086	-103.2824	1-Jul-2010		Brewster	Twin Peaks.	4
W5T/CR-021	Eastwood Mesa	4453	673	29.5121	-103.4846	1-Jul-2010		Brewster	White Hills.	4
W5T/CR-022	Whitehouse Mountain	4420	640	29.4502	-103.3883	1-Jul-2010		Brewster	Christmas Mountains.	4
W5T/CR-023	4416	4416	596	29.4577	-103.3863	1-Jul-2010		Brewster	Christmas Mountains.	4
W5T/CR-024	4390	4390	900	29.4724	-103.3551	1-Jul-2010		Brewster	Sombrero Peak.	4
W5T/CR-025	4375	4375	755	29.4611	-103.5077	1-Jul-2010		Brewster	Hen Egg Mountain.	4
W5T/CR-026	Panther Mountain	4331	781	29.5118	-103.6045	1-Jul-2010		Brewster	Packsaddle Mountain.	4
W5T/CR-027	4295	4295	595	29.5018	-103.6028	1-Jul-2010		Brewster	Packsaddle Mountain.	2
W5T/CR-028	4234	4234	654	29.4408	-103.5022	1-Jul-2010		Brewster	Hen Egg Mountain.	2
W5T/CR-029	Sombrero Peak	4025	595	29.4921	-103.3241	1-Jul-2010		Brewster	Sombrero Peak.	2
W5T/CR-030	Red Bluff	4018	668	29.5854	-103.5068	1-Jul-2010		Brewster	Packsaddle Mountain.	2
W5T/CR-031	Black Hill	4004	554	29.6277	-103.5174	1-Jul-2010		Brewster	Dog Canyon.	2
W5T/CR-032	3922	3922	502	29.5740	-103.4125	1-Jul-2010		Brewster	White Hills.	2
W5T/CR-033	3853	3853	513	29.5533	-103.2976	1-Jul-2010		Brewster	Twin Peaks.	2

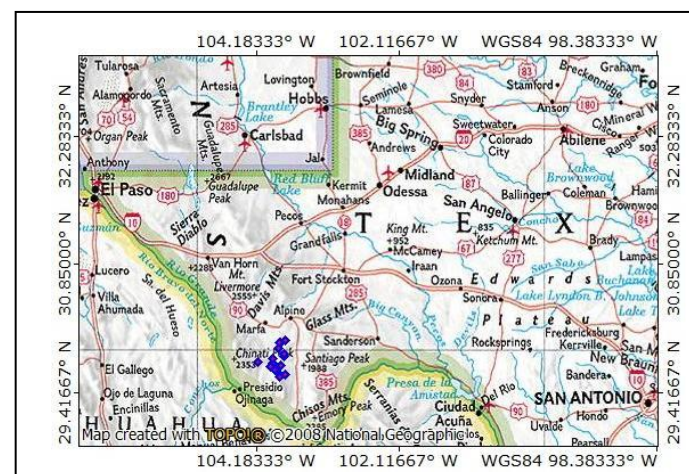
Summits on the Air – ARM for USA (W5T-Texas)

2.6 Region Reference – Cienega Mountains Region – W5T/CE-xxx

Association	USA W5T-TEXAS
Region	Cienega Mountains – W5T/CE-xxx
Region manager	Sean Gardner-KD6CUB mailto:kd6cub@arri.net

2.6.1 Regional notes

The 16 summits of the Cienega Mountains Region (**CE**) include a 3-point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.6.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/CE-001	Whirlwind Mesa	5590	680	30.0017	-103.7725	1-Jul-2010		Brewster	Cactus Flat.	6
W5T/CE-002	Housetop Mountain	5333	793	29.9852	-103.8431	1-Jul-2010		Presidio	Paradise Draw.	6
W5T/CE-003	Hat Mountain	5286	626	29.9755	-103.8478	1-Jul-2010		Presidio	Paradise Draw.	6
W5T/CE-004	Cienega Mountains HP	5223	1083	29.7680	-104.1614	1-Jul-2010		Presidio	Cienaga Mountains.	6
W5T/CE-005	Tascotal Mesa	5188	1088	29.6048	-103.8605	1-Jul-2010		Presidio	Bandero Mesa South.	6
W5T/CE-006	Cartwright Mesa	5180	760	29.9123	-103.8634	1-Jul-2010		Presidio	Paradise Draw.	6
W5T/CE-007	5140	5140	520	29.6463	-103.8874	1-Jul-2010		Presidio	Horseshoe Mountain.	6
W5T/CE-008	Horseshoe Mountains East	5135	661	29.6771	-103.8954	1-Jul-2010		Presidio	Horseshoe Mountain.	6
W5T/CE-009	San Jacinto Mountain	5082	1022	29.7540	-103.9550	1-Jul-2010		Presidio	Puerto Potrillo.	4
W5T/CE-010	McKinney Mountain	5020	1030	29.8335	-103.7899	1-Jul-2010		Brewster	McKinney Mountain.	4
W5T/CE-011	Turney Peak	4900	680	29.8556	-103.7809	1-Jul-2010		Brewster	McKinney Mountain.	4
W5T/CE-012	Horseshoe Mountains West	4846	706	29.6722	-103.9164	1-Jul-2010		Presidio	Horseshoe Mountain.	4
W5T/CE-013	Bandera Mesa	4836	616	29.6249	-103.7732	1-Jul-2010		Brewster	Bandero Mesa South.	4
W5T/CE-014	Cerro Boludo	4749	729	29.7971	-103.9527	1-Jul-2010		Presidio	Puerto Potrillo.	4
W5T/CE-015	Needle Peak	4265	565	29.7199	-103.8363	1-Jul-2010		Presidio	Bandera Mesa North.	2
W5T/CE-016	La Viuda	4101	511	29.7184	-103.9832	1-Jul-2010		Presidio	Horseshoe Mountain.	2

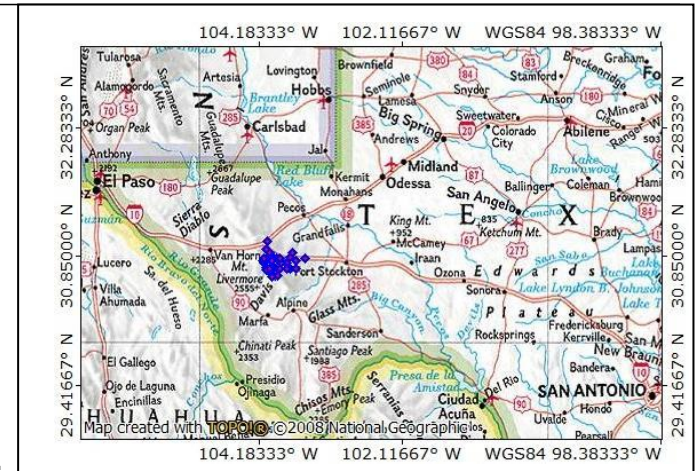
Summits on the Air – ARM for USA (W5T-Texas)

2.7 Region Reference – Davis Mountains East Region – W5T/DE-xxx

Association	USA W5T-TEXAS
Region	Davis Mountains East – W5T/DE-xxx
Region manager	Sean Gardner-KD6CUB mailto:kd6cub@arri.net

2.7.1 Regional notes

The 28 summits of the Davis Mountains East Region (**DE**) include a 3 point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.7.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/DE-001	Black Mountain	7544	1404	30.7227	-103.9818	1-Jul-2010		Jeff Davis	Casket Mountain.	10
W5T/DE-002	Guide Peak	6842	542	30.6993	-104.0067	1-Jul-2010		Jeff Davis	Mount Locke.	10
W5T/DE-003	Locke Mount	6780	560	30.6715	-104.0228	1-Jul-2010		Jeff Davis	Mount Locke.	10
W5T/DE-004	6700	6700	560	30.7312	-104.0911	1-Jul-2010		Jeff Davis	Mount Locke.	10
W5T/DE-005	6693	6693	553	30.7052	-104.0828	1-Jul-2010		Jeff Davis	Mount Locke.	8
W5T/DE-006	Gavina Ridge	6660	520	30.7171	-104.0412	1-Jul-2010		Jeff Davis	Mount Locke.	8
W5T/DE-007	Robbers Roost Mountain	6652	752	30.7782	-104.1224	1-Jul-2010		Jeff Davis	Friend Mountain.	8
W5T/DE-008	6580	6580	920	30.9298	-104.0816	1-Jul-2010		Jeff Davis	Buckhorn Mountain.	8
W5T/DE-009	Bear Mountain	6522	622	30.8015	-104.0016	1-Jul-2010		Jeff Davis	Friend Mountain.	8
W5T/DE-010	Timber Mountain	6447	707	30.8358	-103.9394	1-Jul-2010		Jeff Davis	Little Aguja Mountain.	8
W5T/DE-011	Star Mountain	6344	1364	30.7774	-103.7944	1-Jul-2010		Jeff Davis	Big Aguja Mountain.	8
W5T/DE-012	Gomez Peak	6320	610	31.0260	-104.0722	1-Jul-2010		Jeff Davis	Gomez Peak.	8
W5T/DE-013	6306	6306	686	30.8663	-104.0143	1-Jul-2010		Jeff Davis	Friend Mountain.	8
W5T/DE-014	6300	6300	520	30.8025	-104.1260	1-Jul-2010		Jeff Davis	Robbers Roost Canyon.	8
W5T/DE-015	Friend Mountain	6218	598	30.8270	-104.1086	1-Jul-2010		Jeff Davis	Friend Mountain.	8
W5T/DE-016	Casket Mountain	6183	883	30.6438	-103.9232	1-Jul-2010		Jeff Davis	Casket Mountain.	8

Summits on the Air – ARM for USA (W5T-Texas)

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/DE-017	6177	6177	557	30.7209	-103.8799	1-Jul-2010		Jeff Davis	Casket Mountain.	8
W5T/DE-018	Barbaras Point	5992	1042	30.7119	-103.7449	1-Jul-2010		Jeff Davis	Major Peak.	8
W5T/DE-019	Buckhorn Mountain	5980	600	30.8986	-104.0346	1-Jul-2010		Jeff Davis	Buckhorn Mountain.	8
W5T/DE-020	Arabella Mountain	5952	572	30.6224	-103.9955	1-Jul-2010		Jeff Davis	Fort Davis.	8
W5T/DE-021	Big Aguja Mountain	5722	942	30.7820	-103.8619	1-Jul-2010		Jeff Davis	Big Aguja Mountain.	6
W5T/DE-022	Barrilla Mountains HP	5568	1428	30.8397	-103.7401	1-Jul-2010		Jeff Davis	Barrilla Mountains West.	6
W5T/DE-023	5212	5212	666	30.7107	-103.7802	1-Jul-2010		Jeff Davis	Swayback Mountain.	6
W5T/DE-024	Little Aguja Mountain	5192	772	30.8288	-103.8934	1-Jul-2010		Jeff Davis	Little Aguja Mountain.	6
W5T/DE-025	5178	5178	518	30.8001	-103.6577	1-Jul-2010		Jeff Davis	Barrilla Mountains West.	6
W5T/DE-026	Beard Mountain	5043	943	30.8281	-103.5202	1-Jul-2010		Pecos	Barrilla Mountains East.	4
W5T/DE-027	4674	4674	574	30.7190	-103.6536	1-Jul-2010		Jeff Davis	Major Peak.	4
W5T/DE-028	Saddle Back Mountain	4286	536	30.8889	-103.7106	1-Jul-2010		Reeves	Balmorhea.	2

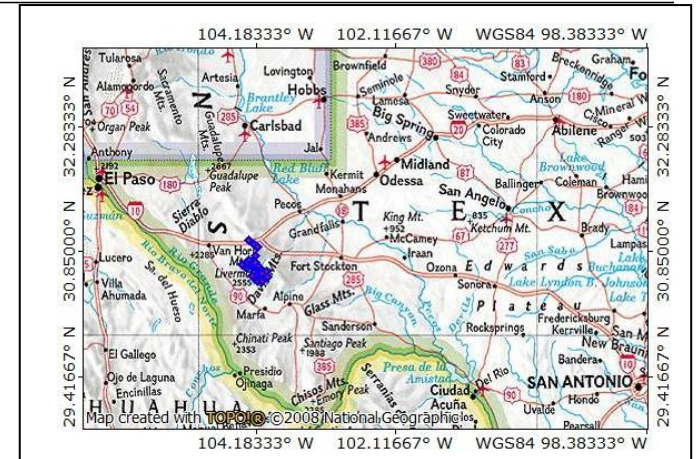
Summits on the Air – ARM for USA (W5T-Texas)

2.8 Region Reference – Davis Mountains West Region – W5T/DW-xxx

Association	USA W5T-TEXAS
Region	Davis Mountains West – W5T/DW-xxx
Region manager	Sean Gardner-KD6CUB mailto:kd6cub@arri.net

2.8.1 Regional notes

The 29 summits of the Davis Mountains West Region (**DW**) include a 3 point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.8.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/DW-001	Livermore Mount	8378	3923	30.6356	-104.1737	1-Jul-2010		Jeff Davis	Mount Livermore.	10
W5T/DW-002	Brooks Mountain	7780	640	30.6332	-104.2074	1-Jul-2010		Jeff Davis	Mount Livermore.	10
W5T/DW-003	Pine Peak	7710	725	30.6553	-104.1141	1-Jul-2010		Jeff Davis	Mount Locke.	10
W5T/DW-004	Sawtooth Mountain	7686	1426	30.6852	-104.2283	1-Jul-2010		Jeff Davis	Mount Livermore.	10
W5T/DW-005	Whitetail Mountain	7485	505	30.6654	-104.1833	1-Jul-2010		Jeff Davis	Mount Livermore.	10
W5T/DW-006	Blue Mountain	7286	1546	30.5651	-104.0228	1-Jul-2010		Jeff Davis	Blue Mountain.	10
W5T/DW-007	Bear Mountain	7256	1036	30.6750	-104.2514	1-Jul-2010		Jeff Davis	El Muerto Peak.	10
W5T/DW-008	McDaniel Mountain	7235	655	30.6965	-104.1677	1-Jul-2010		Jeff Davis	Mount Livermore.	10
W5T/DW-009	7020	7020	800	30.7121	-104.2539	1-Jul-2010		Jeff Davis	El Muerto Peak.	10
W5T/DW-010	Geronimo Mountain	6963	703	30.7292	-104.2424	1-Jul-2010		Jeff Davis	Mount Livermore.	10
W5T/DW-011	6950	6950	970	30.7349	-104.1913	1-Jul-2010		Jeff Davis	Mount Livermore.	10
W5T/DW-012	Spring Mountain	6752	1012	30.7029	-104.3312	1-Jul-2010		Jeff Davis	El Muerto Peak.	10
W5T/DW-013	Limpia Mountain	6539	759	30.6224	-104.0407	1-Jul-2010		Jeff Davis	Blue Mountain.	8
W5T/DW-014	6500	6500	560	30.5818	-104.0982	1-Jul-2010		Jeff Davis	Blue Mountain.	8
W5T/DW-015	Sheep Camp Mountain	6471	771	30.7485	-104.2991	1-Jul-2010		Jeff Davis	El Muerto Peak.	8
W5T/DW-016	6428	6428	568	30.5355	-104.1282	1-Jul-2010		Jeff Davis	Paradise Mountain.	8

Summits on the Air – ARM for USA (W5T-Texas)

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/DW-017	6412	6412	592	30.7198	-104.3234	1-Jul-2010		Jeff Davis	El Muerto Peak.	8
W5T/DW-018	6411	6411	511	30.6064	-104.0918	1-Jul-2010		Jeff Davis	Blue Mountain.	8
W5T/DW-019	Mine Mountain	6343	603	30.5142	-104.1655	1-Jul-2010		Jeff Davis	Paradise Mountain.	8
W5T/DW-020	High Point	6300	600	30.5663	-104.2322	1-Jul-2010		Jeff Davis	Paradise Mountain.	8
W5T/DW-021	Blue Seep Mountain	6094	514	30.5771	-104.2430	1-Jul-2010		Jeff Davis	Paradise Mountain.	8
W5T/DW-022	6084	6084	544	30.5181	-104.0979	1-Jul-2010		Jeff Davis	Blue Mountain.	8
W5T/DW-023	6026	6026	726	30.9297	-104.2210	1-Jul-2010		Jeff Davis	Echo Canyon.	8
W5T/DW-024	Flattop Mountain	6023	593	30.8101	-104.1910	1-Jul-2010		Jeff Davis	Robbers Roost Canyon.	8
W5T/DW-025	5996	5996	606	30.9042	-104.1667	1-Jul-2010		Jeff Davis	Echo Canyon.	8
W5T/DW-026	5974	5974	714	30.9767	-104.2995	1-Jul-2010		Jeff Davis	Herds Pass.	8
W5T/DW-027	El Muerto Peak	5900	640	30.6715	-104.3385	1-Jul-2010		Jeff Davis	El Muerto Peak.	8
W5T/DW-028	Baldy Mountain	5777	677	30.6923	-104.3558	1-Jul-2010		Jeff Davis	El Muerto Peak.	6
W5T/DW-029	5752	5752	892	30.7085	-104.3911	1-Jul-2010		Jeff Davis	Horseshoe Butte.	6

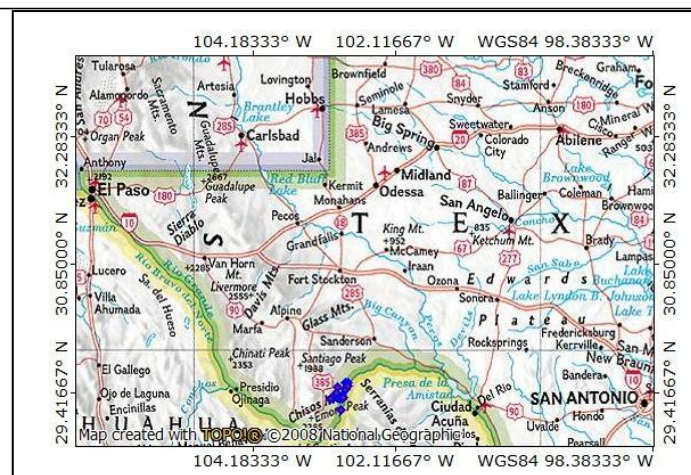
Summits on the Air – ARM for USA (W5T-Texas)

2.9 Region Reference – Dead Horse Mountains Region – W5T/DH-xxx

Association	USA W5T-TEXAS
Region	Dead Horse Mountains– W5T/DH-xxx
Region manager	Sean Gardner–KD6CUB mailto:kd6cub@arri.net

2.9.1 Regional notes

5 summits of the Dead Horse Mountains Region (**DH**) include a 3-point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.9.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/DH-001	Sue Peaks	5854	2924	29.4207	-102.9801	1-Jul-2010		Brewster	Sue Peaks.	6
W5T/DH-002	Sierra del Carmen	4828	608	29.4848	-102.9569	1-Jul-2010		Brewster	Sue Peaks.	4
W5T/DH-003	4483	4483	623	29.3589	-102.9272	1-Jul-2010		Brewster	Ernst Valley.	4
W5T/DH-004	4038	4038	658	29.3880	-102.8964	1-Jul-2010		Brewster	Sue Peaks.	2
W5T/DH-005	4020	4020	520	29.3579	-103.0286	1-Jul-2010		Brewster	Roys Peak.	2
W5T/DH-006	Roys Peak	3945	805	29.3588	-103.0560	1-Jul-2010		Brewster	Roys Peak.	2
W5T/DH-007	Hubert Ridge	3939	959	29.3566	-102.8961	1-Jul-2010		Brewster	Ernst Valley.	2
W5T/DH-008	3634	3634	534	29.3711	-102.8868	1-Jul-2010		Brewster	Ernst Valley.	2
W5T/DH-009	3540	3540	800	29.2283	-102.9080	1-Jul-2010		Brewster	Rio Grande Village.	2
W5T/DH-010	3102	3102	642	29.5324	-102.8462	1-Jul-2010		Brewster	Bourland Canyon.	1
W5T/DH-011	3005	3005	785	29.5346	-102.8082	1-Jul-2010		Brewster	Bourland Canyon.	1
W5T/DH-012	2952	2952	652	29.4643	-102.8500	1-Jul-2010		Brewster	Stillwell Crossing.	1
W5T/DH-013	2595	2595	615	29.4958	-102.8122	1-Jul-2010		Brewster	Stillwell Crossing.	1

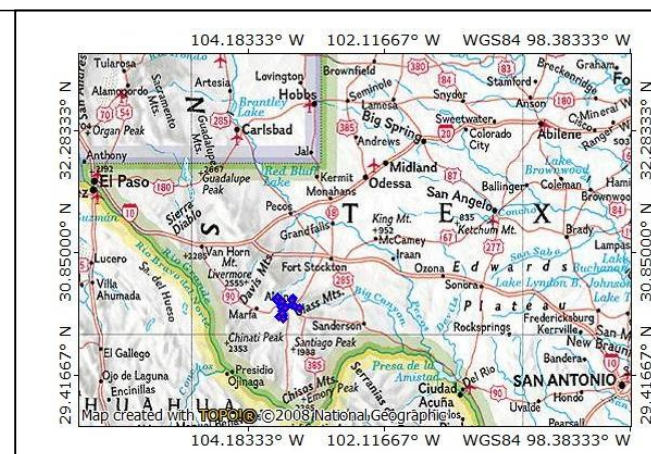
Summits on the Air – ARM for USA (W5T-Texas)

2.10 Region Reference – Del Norte Mountains Region – W5T/DN-xxx

Association	USA W5T-TEXAS
Region	Del Norte Mountains– W5T/DN-xxx
Region manager	Sean Gardner-KD6CUB mailto:kd6cub@arrl.net

2.10.1 Regional notes

The 19 summits of the Del Norte Mountains Region (**DN**) include a 3 point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.10.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/DN-001	Cathedral Mountain	6868	1768	30.1754	-103.6631	1-Jul-2010		Brewster	Cathedral Mountain.	10
W5T/DN-002	Ord Mount	6803	1543	30.2405	-103.5153	1-Jul-2010		Brewster	Mount Ord.	10
W5T/DN-003	Goat Mountain	6620	1400	30.1060	-103.7210	1-Jul-2010		Brewster	Goat Mountain.	8
W5T/DN-004	Cienega Mountain	6562	1262	30.1174	-103.6590	1-Jul-2010		Brewster	Goat Mountain.	8
W5T/DN-005	McIntyre Peak	6378	1118	30.2420	-103.6553	1-Jul-2010		Brewster	Cathedral Mountain.	8
W5T/DN-006	Ranger Peak	6246	906	30.2880	-103.7187	1-Jul-2010		Brewster	Alpine South.	8
W5T/DN-007	Bird Mountain	6140	960	30.3285	-103.5138	1-Jul-2010		Brewster	Bird Mountain.	8
W5T/DN-008	6135	6135	635	30.2166	-103.4747	1-Jul-2010		Brewster	Dugout Mountain.	8
W5T/DN-009	Twin Sisters	6133	753	30.3238	-103.7220	1-Jul-2010		Brewster	Alpine South.	8
W5T/DN-010	Paisano Peak	6085	785	30.3069	-103.7758	1-Jul-2010		Brewster	Paisano.	8
W5T/DN-011	6020	6020	520	30.2915	-103.7604	1-Jul-2010		Brewster	Paisano.	8
W5T/DN-012	6018	6018	598	30.2864	-103.6671	1-Jul-2010		Brewster	Alpine South.	8
W5T/DN-013	5940	5940	520	30.1415	-103.6756	1-Jul-2010		Brewster	Cathedral Mountain.	8
W5T/DN-014	Terry Mesa	5890	550	30.2237	-103.6932	1-Jul-2010		Brewster	Cathedral Mountain.	6
W5T/DN-015	Smith Peak	5764	584	30.2968	-103.5143	1-Jul-2010		Brewster	Bird Mountain.	6
W5T/DN-016	Haley Mountain	5685	545	30.2118	-103.6236	1-Jul-2010		Brewster	Mount Ord.	6
W5T/DN-017	5500	5500	520	30.3357	-103.7422	1-Jul-2010		Brewster	Alpine South.	6
W5T/DN-018	Little Cienega Mountain	5460	520	30.0817	-103.6612	1-Jul-2010		Brewster	Goat Mountain.	6
W5T/DN-019	Dugout Mountain	5175	688	30.2085	-103.4088	1-Jul-2010		Brewster	Dugout Mountain.	6

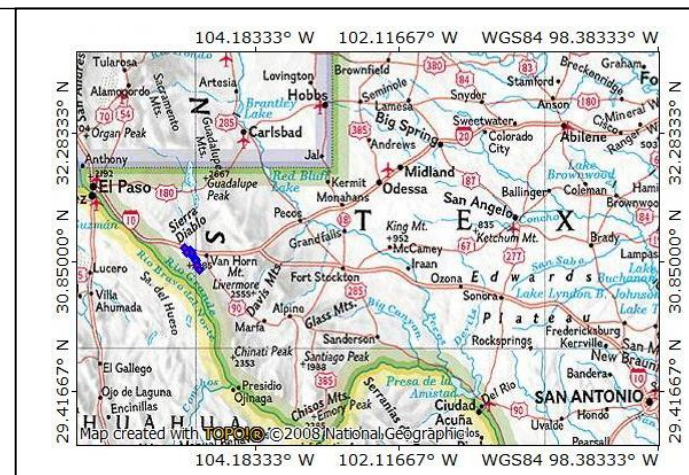
Summits on the Air – ARM for USA (W5T-Texas)

2.11 Region Reference – Eagle Mountains Region – W5T/EA-xxx

Association	USA W5T-TEXAS
Region	Eagle Mountains– W5T/EA-xxx
Region manager	Sean Gardner–KD6CUB mailto:kd6cub@arri.net

2.11.1 Regional notes

The 10 summits of the Eagle Mountains Region (**EA**) include a 3-point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.11.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/EA-001	Eagle Peak	7484	3119	30.9213	-105.0852	1-Jul-2010		Hudspeth	Eagle Mountains NE.	10
W5T/EA-002	6915	6915	1055	30.9596	-105.1384	1-Jul-2010		Hudspeth	Eagle Mountains NW.	10
W5T/EA-003	6881	6881	541	30.8910	-105.0598	1-Jul-2010		Hudspeth	Eagle Mountains NE.	10
W5T/EA-004	6700	6700	520	30.9781	-105.1287	1-Jul-2010		Hudspeth	Eagle Mountains NW.	10
W5T/EA-005	6525	6525	545	30.9512	-105.1103	1-Jul-2010		Hudspeth	Eagle Mountains NE.	8
W5T/EA-006	5985	5985	645	30.8723	-105.0374	1-Jul-2010		Hudspeth	Eagle Mountains SE.	8
W5T/EA-007	5885	5885	625	30.9615	-105.1672	1-Jul-2010		Hudspeth	Eagle Mountains NW.	6
W5T/EA-008	Squaw Peak	5435	895	30.8201	-105.0166	1-Jul-2010		Hudspeth	Eagle Mountains SE.	6
W5T/EA-009	5140	5140	760	30.7645	-104.9857	1-Jul-2010		Hudspeth	Lobo SW.	6
W5T/EA-010	Love Hogback	4929	534	31.0076	-105.2047	1-Jul-2010		Hudspeth	Grayton Lake.	4

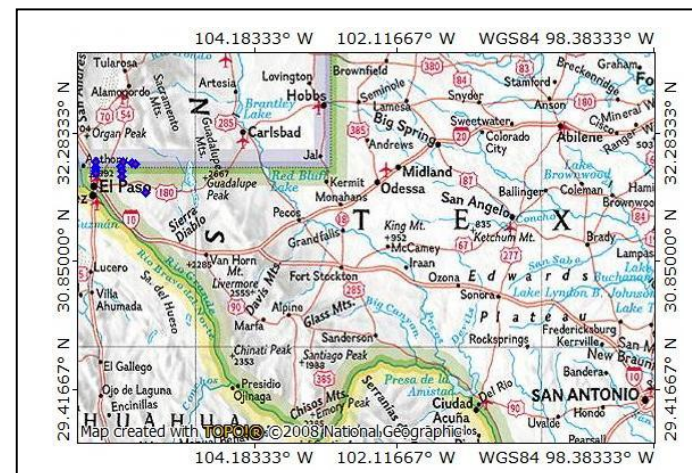
Summits on the Air – ARM for USA (W5T-Texas)

2.12 Region Reference – Franklin Mountains Region – W5T/FR-xxx

Association	USA W5T-TEXAS
Region	Franklin Mountains– W5T/FR-xxx
Region manager	Sean Gardner–KD6CUB mailto:kd6cub@arrl.net

2.12.1 Regional notes

The 11 summits of the Franklin Mountains Region (**FR**) include a 3-point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.12.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/FR-001	North Franklin Mountain	7192	2987	31.9029	-106.4936	1-Jul-2010		El Paso	North Franklin Mountain.	10
W5T/FR-002	Anthony's Nose	6927	1117	31.9594	-106.4986	1-Jul-2010		El Paso	North Franklin Mountain.	10
W5T/FR-003	South Franklin Mountain	6790	1380	31.8645	-106.4913	1-Jul-2010		El Paso	El Paso.	10
W5T/FR-004	Cerro Alto Mountain	6787	1447	31.9454	-105.9708	1-Jul-2010		Hudspeth	Cerro Alto Mountain.	10
W5T/FR-005	Franklin Mount	6186	736	31.8287	-106.4913	1-Jul-2010		El Paso	El Paso.	8
W5T/FR-006	Neville Mountain	6063	716	31.9290	-105.9189	1-Jul-2010		Hudspeth	Cerro Alto Mountain.	8
W5T/FR-007	5290	5290	515	31.6223	-105.7588	1-Jul-2010		Hudspeth	Whiterock Hills.	6
W5T/FR-008	5130	5130	835	31.9596	-106.0886	1-Jul-2010		El Paso	Hueco Tanks.	6
W5T/FR-009	5066	5066	711	31.9064	-106.1252	1-Jul-2010		El Paso	Hueco Tanks.	4
W5T/FR-010	4944	4944	626	31.8557	-106.1077	1-Jul-2010		El Paso	Helms West Well.	4
W5T/FR-011	4635	4635	505	31.7916	-106.1160	1-Jul-2010		El Paso	Helms West Well.	4

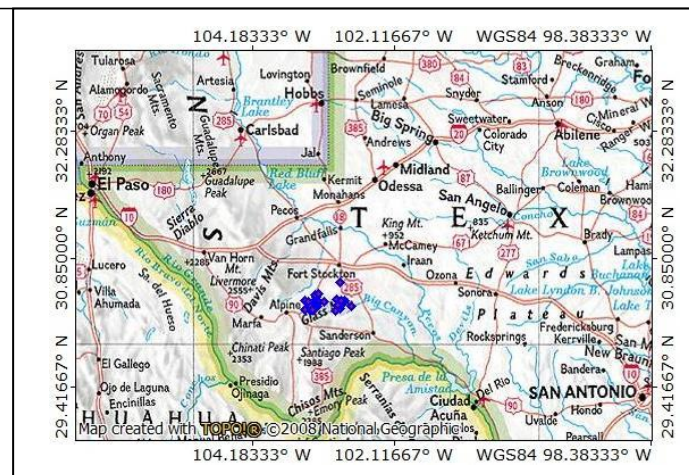
Summits on the Air – ARM for USA (W5T-Texas)

2.13 Region Reference – Glass Mountains Region – W5T/GL-xxx

Association	USA W5T-TEXAS
Region	Glass Mountains– W5T/GL-xxx
Region manager	Sean Gardner–KD6CUB mailto:kd6cub@arri.net

2.13.1 Regional notes

The 25 summits of the Glass Mountains Region (**GL**) include a 3-point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.13.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/GL-001	Gilliland Peak	6540	1880	30.3663	-103.3024	1-Jul-2010		Brewster	Gilliland Peak.	8
W5T/GL-002	6300	6300	618	30.3292	-103.3652	1-Jul-2010		Brewster	Gilliland Peak.	8
W5T/GL-003	Leonard Mountain	5872	942	30.3269	-103.2364	1-Jul-2010		Brewster	Leonard Mountain.	6
W5T/GL-004	5850	5850	877	30.3900	-103.2366	1-Jul-2010		Brewster	Hess Canyon.	6
W5T/GL-005	5820	5820	690	30.3519	-103.2567	1-Jul-2010		Brewster	Gilliland Peak.	6
W5T/GL-006	5810	5810	710	30.3734	-103.1378	1-Jul-2010		Brewster	Leonard Mountain.	6
W5T/GL-007	5791	5791	851	30.4231	-103.2635	1-Jul-2010		Brewster	Old Blue Mountain.	6
W5T/GL-008	5700	5700	680	30.2881	-103.4251	1-Jul-2010		Brewster	Altuda.	6
W5T/GL-009	Bissett Mountain	5483	743	30.3808	-103.4223	1-Jul-2010		Brewster	Bissett Mountain.	6
W5T/GL-010	Iron Mountain	5413	833	30.3066	-103.2654	1-Jul-2010		Brewster	Gilliland Peak.	6
W5T/GL-011	5350	5350	1065	30.2710	-102.9830	1-Jul-2010		Brewster	Dimple Hills.	6
W5T/GL-012	5300	5300	520	30.2706	-103.3355	1-Jul-2010		Brewster	Gilliland Peak.	6
W5T/GL-013	5275	5275	615	30.3020	-103.2807	1-Jul-2010		Brewster	Gilliland Peak.	6
W5T/GL-014	Little Blue Mountain	5229	609	30.4558	-103.2717	1-Jul-2010		Brewster	Old Blue Mountain.	6
W5T/GL-015	5220	5220	560	30.2807	-103.3051	1-Jul-2010		Brewster	Gilliland Peak.	6
W5T/GL-016	Nation Benchmark	5118	548	30.4010	-102.9643	1-Jul-2010		Pecos	Marathon Gap.	6

Summits on the Air – ARM for USA (W5T-Texas)

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/GL-017	5086	5086	506	30.3791	-103.3709	1-Jul-2010		Brewster	Old Blue Mountain.	4
W5T/GL-018	5070	5070	680	30.3002	-102.9164	1-Jul-2010		Pecos	Dimple Hills.	4
W5T/GL-019	Goat Pasture Mountain	5017	517	30.4626	-103.2309	1-Jul-2010		Brewster	Hess Canyon.	4
W5T/GL-020	4870	4870	620	30.3924	-102.8516	1-Jul-2010		Pecos	Reininger Draw.	4
W5T/GL-021	4815	4815	625	30.3308	-102.8905	1-Jul-2010		Pecos	Dimple Hills.	4
W5T/GL-022	Dimple Hills HP	4810	520	30.3346	-102.9455	1-Jul-2010		Pecos	Dimple Hills.	4
W5T/GL-023	Clark Butte	4797	527	30.3909	-102.9037	1-Jul-2010		Pecos	Marathon Gap.	4
W5T/GL-024	Sierra Madera	4593	703	30.5928	-102.9134	1-Jul-2010		Pecos	Sierra Madera.	4
W5T/GL-025	4437	4437	547	30.3278	-102.7511	1-Jul-2010		Pecos	Cap Rock Butte.	4

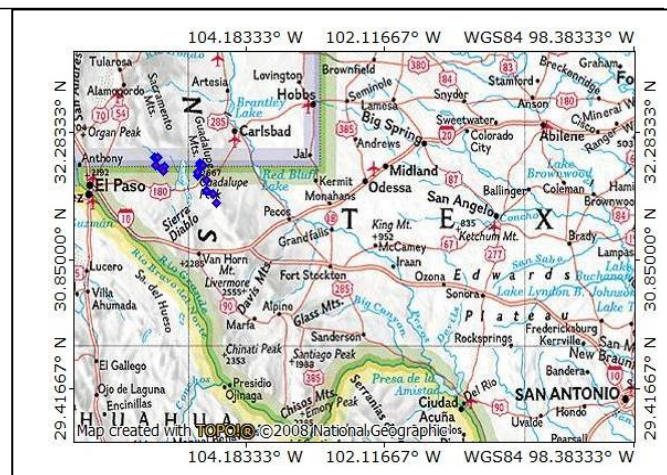
Summits on the Air – ARM for USA (W5T-Texas)

2.14 Region Reference – Guadalupe Mountains Region – W5T/GU-xxx

Association	USA W5T-TEXAS
Region	Guadalupe Mountains– W5T/GU-xxx
Region manager	Sean Gardner–KD6CUB mailto:kd6cub@arri.net

2.14.1 Regional notes

The 17 summits of the Guadalupe Mountains Region (**GU**) include a 3 point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.14.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/GU-001	Guadalupe Peak	8749	3039	31.8914	-104.8608	1-Jul-2010		Culberson	Guadalupe Peak.	10
W5T/GU-002	Bush Mountain	8631	931	31.9296	-104.8801	1-Jul-2010		Culberson	P X Flat.	10
W5T/GU-003	Shumard Peak	8615	675	31.9076	-104.8744	1-Jul-2010		Culberson	Guadalupe Peak.	10
W5T/GU-004	Hunter Peak	8368	548	31.9139	-104.8304	1-Jul-2010		Culberson	Guadalupe Peak.	10
W5T/GU-005	San Antonio Mountain	7023	1813	31.9951	-105.5494	1-Jul-2010		Hudspeth	Sixteen Mountains.	10
W5T/GU-006	Chattfield Mountain	6380	1110	31.9969	-105.5096	1-Jul-2010		Hudspeth	Sixteen Mountains.	8
W5T/GU-007	Delaware Mountains HP	5888	698	31.4863	-104.6244	1-Jul-2010		Culberson	Delaware Ranch.	6
W5T/GU-008	Dog Mountain	5759	779	31.9060	-105.5327	1-Jul-2010		Hudspeth	Sixteen Mountains.	6
W5T/GU-009	5730	5730	500	31.5889	-104.6745	1-Jul-2010		Culberson	Burro Canyon.	6
W5T/GU-010	Delaware Benchmark	5729	509	31.7429	-104.7684	1-Jul-2010		Culberson	Six Bar Ranch.	6
W5T/GU-011	Cerro Diablo	5717	1167	31.8945	-105.4084	1-Jul-2010		Hudspeth	Cerro Diablo.	6
W5T/GU-012	Miller Mountain	5681	971	31.8724	-105.4538	1-Jul-2010		Hudspeth	Cornudas.	6
W5T/GU-013	Bitter Well Mountain	5666	736	31.6122	-104.7831	1-Jul-2010		Culberson	Bitter Well Mountain.	6
W5T/GU-014	Sierra Tinaja Pinta	5644	1014	31.8475	-105.4269	1-Jul-2010		Hudspeth	Cornudas.	6
W5T/GU-015	5565	5565	595	31.6339	-104.7746	1-Jul-2010		Culberson	Six Bar Ranch.	6
W5T/GU-016	Patterson Hills HP	5268	888	31.7984	-104.9094	1-Jul-2010		Culberson	Patterson Hills.	6
W5T/GU-017	5065	5065	645	31.8348	-104.9101	1-Jul-2010		Culberson	Patterson Hills.	4

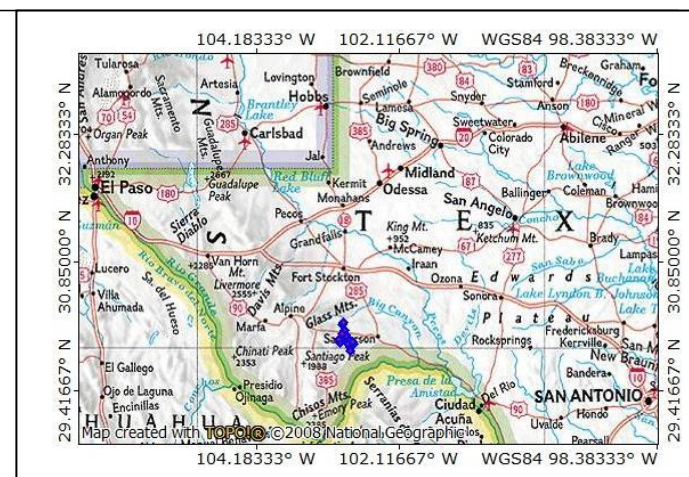
Summits on the Air – ARM for USA (W5T-Texas)

2.15 Region Reference – Haymond Mountains Region – W5T/HA-xxx

Association	USA W5T-TEXAS
Region	Haymond Mountains– W5T/HA-xxx
Region manager	Sean Gardner-KD6CUB mailto:kd6cub@arri.net

2.15.1 Regional notes

16 summits of the Haymond Mountains Region (**HA**) include a 3-point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.15.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/HA-001	Housetop Mountain	5455	1145	30.1547	-102.9528	1-Jul-2010		Brewster	Housetop Mountains.	6
W5T/HA-002	Shely Peaks HP	5210	1430	30.0128	-102.9419	1-Jul-2010		Brewster	Tesnus.	6
W5T/HA-003	Shely Peaks West	5155	525	30.0144	-102.9545	1-Jul-2010		Brewster	Tesnus.	6
W5T/HA-004	5150	5150	560	30.1852	-102.9344	1-Jul-2010		Brewster	Housetop Mountains.	6
W5T/HA-005	4855	4855	725	30.0207	-102.8858	1-Jul-2010		Brewster	Tesnus.	4
W5T/HA-006	4730	4730	540	30.0389	-102.8976	1-Jul-2010		Brewster	Tesnus.	4
W5T/HA-007	4635	4635	525	30.0126	-102.8773	1-Jul-2010		Brewster	Tesnus.	4
W5T/HA-008	Castle Mountain	4563	653	30.0928	-102.9196	1-Jul-2010		Brewster	Tesnus.	4
W5T/HA-009	Panther Peaks East	4535	525	30.0598	-102.9441	1-Jul-2010		Brewster	Tesnus.	4
W5T/HA-010	4370	4370	950	29.9615	-102.8773	1-Jul-2010		Brewster	Pine Mountain West.	4
W5T/HA-011	4330	4330	510	29.9564	-102.9701	1-Jul-2010		Brewster	Pine Mountain West.	4
W5T/HA-012	4325	4325	575	29.9973	-102.9921	1-Jul-2010		Brewster	Pine Mountain West.	4
W5T/HA-013	Pine Mountain	4191	731	29.9082	-102.8254	1-Jul-2010		Brewster	Pine Mountain East.	2
W5T/HA-014	4182	4182	1002	29.9847	-102.8500	1-Jul-2010		Brewster	Pine Mountain East.	2
W5T/HA-015	4132	4132	592	29.9396	-102.8584	1-Jul-2010		Brewster	Pine Mountain East.	2
W5T/HA-016	Horseshoe Mesa	4050	788	29.8694	-102.8221	1-Jul-2010		Brewster	Dove Mountain.	2
W5T/HA-017	3812	3812	712	29.9375	-102.7840	1-Jul-2010		Brewster	Pine Mountain East.	2
W5T/HA-018	3740	3740	560	29.9652	-102.8012	1-Jul-2010		Brewster	Pine Mountain East.	2

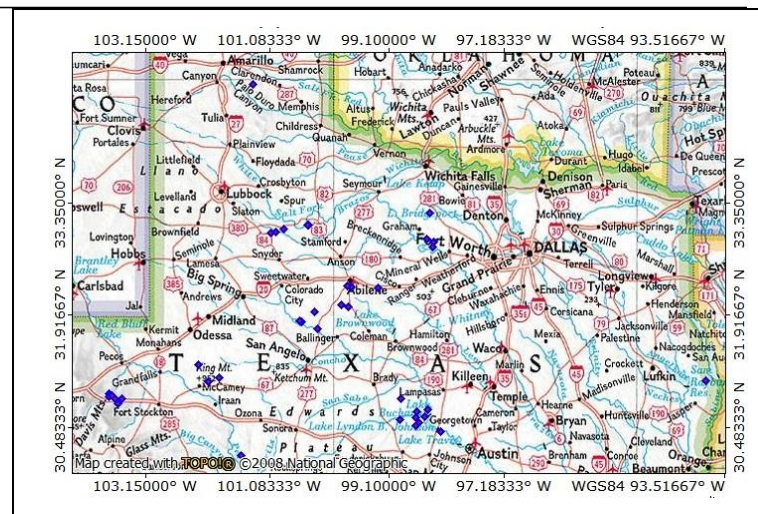
Summits on the Air – ARM for USA (W5T-Texas)

2.16 Region Reference – North Texas Region – W5T/NT-xxx

Association	USA W5T-TEXAS
Region	North Texas– W5T/NT-xxx
Region manager	Sean Gardner–KD6CUB mailto:kd6cub@arri.net

2.16.1 Regional notes

5 summits of the North Texas Region (**NT**) include a 3-point summer Bonus because they attain the >4000 ft minimum. (pg-10).



2.16.2 Table of summits

Ref.	Summit Name	Elev	Prom	Lat	Lon	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/NT-001	4820	4820	480	30.7889	-103.5971	1-Apr-2014		Reeves	Barrilla Mountains East	2
W5T/NT-002	4348	4348	438	30.8847	-103.7542	1-Apr-2014		Reeves	Toyahvale	2
W5T/NT-003	Saddle Back Mountains	4286	536	30.8889	-103.7106	1-Apr-2014		Reeves	Balmorhea	2
W5T/NT-004	4214	4214	354	30.8511	-103.5351	1-Apr-2014		Reeves	Barrilla Mountains East	2
W5T/NT-005	4184	4184	374	30.8579	-103.6471	1-Apr-2014		Reeves	Barrilla Mountains West	2
W5T/NT-006	3910	3910	380	30.9226	-103.7506	1-Apr-2014		Reeves	Toyahvale	2
W5T/NT-007	3264	3264	394	34.8524	-101.3638	1-Apr-2014		Armstrong	Gip Creek	1
W5T/NT-008	King Mountain	3141	351	31.2846	-102.2740	1-Apr-2014		Upton	Castle Gap	1
W5T/NT-009	Southwest Mesa	3070	500	31.0717	-102.0987	1-Apr-2014		Crockett	Table Top Mountain	1
W5T/NT-010	3035	3035	333	31.1272	-101.9297	1-Apr-2014		Upton	Rankin	1
W5T/NT-011	McKenzie Mountains HP	2830	360	32.9787	-100.9737	1-Apr-2014		Kent	McKenzie Mountains	1
W5T/NT-012	Flat Top Mountain	2822	412	32.9660	-101.0657	1-Apr-2014		Scurry	Flat Top Mountain	1
W5T/NT-013	Cooper Mountain	2706	356	33.0113	-100.8428	1-Apr-2014		Kent	Cooper Mountain	1
W5T/NT-014	Double Mountains East	2590	560	33.0649	-100.4381	1-Apr-2014		Stonewall	Double Mountains	1
W5T/NT-015	Double Mountains West	2570	400	33.0628	-100.4588	1-Apr-2014		Stonewall	Double Mountains	1

Summits on the Air – ARM for USA (W5T-Texas)

Ref.	Summit Name	Elev	Prom	Lat	Lon	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/NT-016	Millican Mountains East	2461	331	31.8454	-100.5850	1-Apr-2014		Coke	Millican Mountains	1
W5T/NT-017	Kickapoo Mountain	2444	349	31.9638	-100.3361	1-Apr-2014		Coke	Bronte	1
W5T/NT-018	Lone Mountain	2442	332	31.8304	-100.5506	1-Apr-2014		Coke	Millican Mountains	1
W5T/NT-019	Callahan Divide	2350	380	32.2821	-99.7346	1-Apr-2014		Taylor	Potosi	1
W5T/NT-020	Cedar Benchmark	2343	353	32.2905	-99.7923	1-Apr-2014		Taylor	Buffalo Gap	1
W5T/NT-021	Moro Mountain	2315	370	32.0499	-99.8850	1-Apr-2014		Runnels	Bradshaw	1
W5T/NT-022	Bald Knob	2296	351	32.0214	-99.7832	1-Apr-2014		Runnels	Bald Knob	1
W5T/NT-023	Margaret, Mount	2285	350	31.7456	-100.2954	1-Apr-2014		Coke	Tennyson	1
W5T/NT-024	2182	2182	347	32.2621	-99.2787	1-Apr-2014		Callahan	Admiral	1
W5T/NT-025	2022	2022	332	30.1351	-101.5586	1-Apr-2014		Val Verde	Pandale	1
W5T/NT-026	Cedar Mountain	1856	491	30.5176	-98.6541	1-Apr-2014		Llano	Oxford	1
W5T/NT-027	Smoothingiron Mountain	1850	420	30.8596	-98.9062	1-Apr-2014		Llano	Smoothingiron Mountain	1
W5T/NT-028	House Mountain	1828	398	30.5924	-98.9212	1-Apr-2014		Llano	House Mountain	1
W5T/NT-029	Fowler Benchmark	1812	422	30.6094	-98.6485	1-Apr-2014		Llano	Oxford	1
W5T/NT-030	Packsaddle Mountain	1628	538	30.6270	-98.5095	1-Apr-2014		Llano	Cap Mountain	1
W5T/NT-031	Sharp Mountain	1594	384	30.6888	-98.6456	1-Apr-2014		Llano	Llano South	1
W5T/NT-032	Walker Peak	1552	362	30.5563	-98.5998	1-Apr-2014		Llano	Click	1
W5T/NT-033	Shovel Mountain	1550	340	30.4422	-98.2488	1-Apr-2014		Blanco	Spicewood	1
W5T/NT-034	Young County HP	1522	337	33.2170	-98.4249	1-Apr-2014		Young	Bryson	1
W5T/NT-035	Crawford Mountain	1459	364	32.7808	-98.3711	1-Apr-2014		Palo Pinto	Palo Pinto	1
W5T/NT-036	Long Mountain	1366	336	30.7164	-98.4549	1-Apr-2014		Llano	Kingsland	1
W5T/NT-037	Johnson Peak	1352	337	32.8809	-98.4787	1-Apr-2014		Palo Pinto	Costello Island	1
W5T/NT-038	1344	1344	369	32.8438	-98.3505	1-Apr-2014		Palo Pinto	Palo Pinto	1
W5T/NT-039	Newton County HP	605	340	31.0830	-93.8393	1-Apr-2014		Newton	Weeks Settlement	1

Summits on the Air – ARM for USA (W5T-Texas)

2.17 Region Reference – Pena Blanca Mountains Region – W5T/PB-xxx

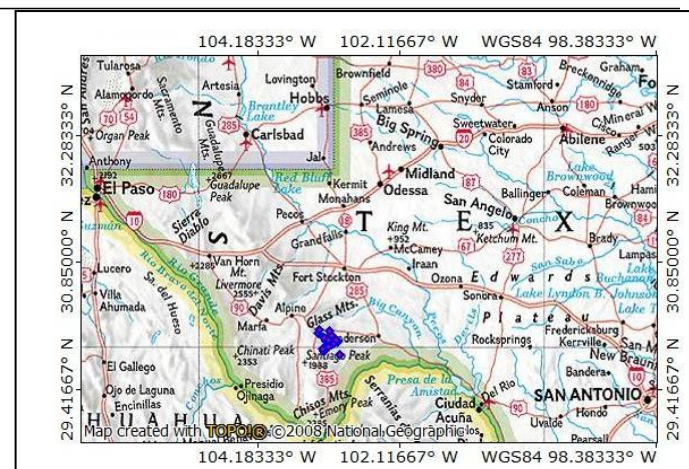
Association	USA W5T-TEXAS
Region	Pena Blanca Mountains– W5T/PB-xxx
Region manager	Sean Gardner–KD6CUB mailto:kd6cub@arrl.net

2.17.1 Regional notes

18 summits of the Pena Blanca Mountains Region (**PB**) include a 3-point summer bonus because they attain the >4000 ft minimum. (pg-10).

2.17.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/PB-001	Horse Mountain	5013	1168	30.0329	-103.1172	1-Jul-2010		Brewster	Horse Mountain.	4
W5T/PB-002	4868	4868	1136	29.9185	-103.1509	1-Jul-2010		Brewster	Heart Mountain.	4
W5T/PB-003	Kincaid Benchmark	4767	907	29.9587	-103.0789	1-Jul-2010		Brewster	Hood Spring.	4
W5T/PB-004	Heart Mountain	4743	923	29.9010	-103.1939	1-Jul-2010		Brewster	Heart Mountain.	4
W5T/PB-005	4740	4740	680	29.9277	-103.1083	1-Jul-2010		Brewster	Hood Spring.	4
W5T/PB-006	4737	4737	637	29.9540	-103.0322	1-Jul-2010		Brewster	Hood Spring.	4
W5T/PB-007	4658	4658	638	29.9372	-103.1226	1-Jul-2010		Brewster	Hood Spring.	4
W5T/PB-008	Simpson Springs Mtns	4610	740	30.0560	-103.3012	1-Jul-2010		Brewster	Simpson Springs Mtn	4
W5T/PB-009	Peña Blanca Mtns HP	4550	560	30.0790	-103.1419	1-Jul-2010		Brewster	Pena Blanca Mtns.	4
W5T/PB-010	4537	4537	597	29.9438	-103.0694	1-Jul-2010		Brewster	Hood Spring.	4
W5T/PB-011	Tinaja Mountains HP	4472	702	29.9624	-103.1849	1-Jul-2010		Brewster	Heart Mountain.	4
W5T/PB-012	East Bourland Mountain	4470	600	30.0897	-103.2965	1-Jul-2010		Brewster	Simpson Springs Mtn	4
W5T/PB-013	North Point	4381	641	29.9032	-103.1671	1-Jul-2010		Brewster	Heart Mountain.	4
W5T/PB-014	4304	4304	564	29.9811	-103.1625	1-Jul-2010		Brewster	Heart Mountain.	4
W5T/PB-015	4270	4270	960	29.8511	-103.2226	1-Jul-2010		Brewster	Sosa Peak.	2
W5T/PB-016	4180	4180	520	29.9995	-103.2174	1-Jul-2010		Brewster	Heart Mountain.	2
W5T/PB-017	4163	4163	503	29.9861	-103.0365	1-Jul-2010		Brewster	Hood Spring.	2
W5T/PB-018	Sosa Peak	4117	737	29.8737	-103.2403	1-Jul-2010		Brewster	Sosa Peak.	2
W5T/PB-019	Black Hills HP	3385	515	29.8188	-102.9916	1-Jul-2010		Brewster	Yellow House Peak.	1



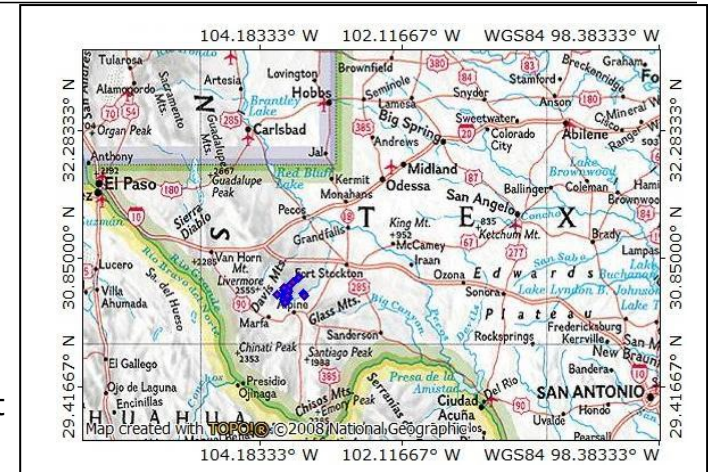
Summits on the Air – ARM for USA (W5T-Texas)

2.18 Region Reference – Puertecita Mountains Region – W5T/PU-xxx

Association	USA W5T-TEXAS
Region	Puertecita Mountains– W5T/PU-xxx
Region manager	Sean Gardner–KD6CUB mailto:kd6cub@arri.net

2.18.1 Regional notes

The 18 summits of the Puertecita Mountains Region (**PU**) include a 3-point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.18.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/PU-001	Twin Mountains North	6895	1693	30.4185	-103.8277	1-Jul-2010		Jeff Davis	Mitre Peak.	10
W5T/PU-002	Twin Mountains South	6670	1050	30.4051	-103.8415	1-Jul-2010		Presidio	Mitre Peak.	8
W5T/PU-003	Puertacitas Mountains HP	6350	1130	30.4527	-103.9328	1-Jul-2010		Jeff Davis	Mano Prieto Mountain.	8
W5T/PU-004	Mitre Peak	6190	1330	30.4632	-103.7874	1-Jul-2010		Jeff Davis	Mitre Peak.	8
W5T/PU-005	Crenshaw Mountain	5980	720	30.3615	-103.8253	1-Jul-2010		Presidio	Paisano.	8
W5T/PU-006	5970	5970	910	30.4960	-103.8280	1-Jul-2010		Jeff Davis	Mitre Peak.	8
W5T/PU-007	Castle Rock	5945	1005	30.4464	-103.8169	1-Jul-2010		Jeff Davis	Mitre Peak.	8
W5T/PU-008	Haystack The	5940	520	30.4119	-103.7704	1-Jul-2010		Brewster	Mitre Peak.	8
W5T/PU-009	Antelope Peak	5848	1068	30.4586	-103.8037	1-Jul-2010		Jeff Davis	Mitre Peak.	6
W5T/PU-010	Musquiz Benchmark	5820	1120	30.5077	-103.7790	1-Jul-2010		Jeff Davis	Fort Davis SE.	6
W5T/PU-011	5642	5642	702	30.4941	-103.7769	1-Jul-2010		Jeff Davis	Mitre Peak.	6
W5T/PU-012	Henderson Mesa	5618	838	30.5892	-103.6995	1-Jul-2010		Jeff Davis	Henderson Mesa.	6
W5T/PU-013	Hend Benchmark	5580	873	30.5476	-103.7528	1-Jul-2010		Jeff Davis	Fort Davis SE.	6
W5T/PU-014	5430	5430	530	30.4406	-103.7925	1-Jul-2010		Jeff Davis	Mitre Peak.	6
W5T/PU-015	5415	5415	515	30.5209	-103.8335	1-Jul-2010		Jeff Davis	Fort Davis SE.	6
W5T/PU-016	5340	5340	560	30.6420	-103.6240	1-Jul-2010		Jeff Davis	Little Star Mountain.	6
W5T/PU-017	Elam Mountain	4940	726	30.4685	-103.5473	1-Jul-2010		Brewster	Elam Mountain.	4
W5T/PU-018	House Mountain	4890	510	30.4429	-103.5348	1-Jul-2010		Brewster	Elam Mountain.	4

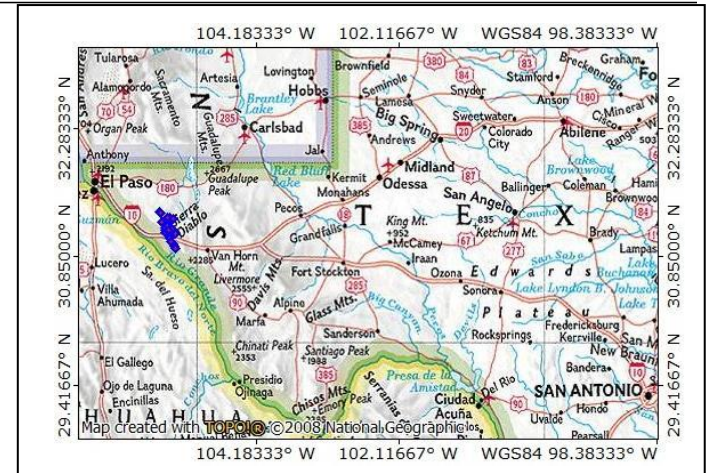
Summits on the Air – ARM for USA (W5T-Texas)

2.19 Region Reference – Quitman Mountains Region – W5T/QU-xxx

Association	USA W5T-TEXAS
Region	Quitman Mountains– W5T/QU-xxx
Region manager	Sean Gardner-KD6CUB mailto:kd6cub@arri.net

2.19.1 Regional notes

The 20 summits of the Quitman Mountains Region (**QU**) include a 3-point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.19.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/QU-001	Sierra Blanca	6891	2256	31.2520	-105.4359	1-Jul-2010		Hudspeth	Gunsight Hills South.	10
W5T/QU-002	Quitman Mountains HP	6689	2039	31.1498	-105.4966	1-Jul-2010		Hudspeth	Lasca.	8
W5T/QU-003	6510	6510	1140	31.1191	-105.5022	1-Jul-2010		Hudspeth	Neely Canyon.	8
W5T/QU-004	6305	6305	855	31.1734	-105.5003	1-Jul-2010		Hudspeth	Lasca.	8
W5T/QU-005	Little Blanca Mountain	6178	1328	31.2845	-105.4385	1-Jul-2010		Hudspeth	Gunsight Hills South.	8
W5T/QU-006	6030	6030	1660	31.0004	-105.3888	1-Jul-2010		Hudspeth	Sierra Blanca SW.	8
W5T/QU-007	5925	5925	665	30.9731	-105.3760	1-Jul-2010		Hudspeth	Schroder Arroyo.	8
W5T/QU-008	5921	5921	1051	31.1975	-105.4729	1-Jul-2010		Hudspeth	Lasca.	8
W5T/QU-009	Round Top	5732	962	31.2774	-105.4747	1-Jul-2010		Hudspeth	Gunsight Hills South.	6
W5T/QU-010	Finlay Mountains HP	5710	840	31.3555	-105.5878	1-Jul-2010		Hudspeth	Small.	6
W5T/QU-011	5693	5693	513	30.9464	-105.3591	1-Jul-2010		Hudspeth	Cedar Arroyo.	6
W5T/QU-012	Soto Benchmark	5683	733	31.0533	-105.4358	1-Jul-2010		Hudspeth	Sierra Blanca SW.	6
W5T/QU-013	5569	5569	559	31.3364	-105.5714	1-Jul-2010		Hudspeth	Small.	6
W5T/QU-014	5544	5544	814	31.1616	-105.4043	1-Jul-2010		Hudspeth	Lasca.	6
W5T/QU-015	5530	5530	660	31.0193	-105.4232	1-Jul-2010		Hudspeth	Sierra Blanca SW.	6
W5T/QU-016	Little Round Top	5462	552	31.2854	-105.4639	1-Jul-2010		Hudspeth	Gunsight Hills South.	6

Summits on the Air – ARM for USA (W5T-Texas)

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/QU-017	Triple Hill	5430	580	31.2718	-105.3922	1-Jul-2010		Hudspeth	Gunsight Hills South.	6
W5T/QU-018	5350	5350	504	31.1519	-105.4540	1-Jul-2010		Hudspeth	Lasca.	6
W5T/QU-019	Yucca Mesa	5350	875	31.1142	-105.3499	1-Jul-2010		Hudspeth	Devil Ridge.	6
W5T/QU-020	Malone Mountains HP	5062	572	31.2351	-105.5482	1-Jul-2010		Hudspeth	Silver King Canyon.	4

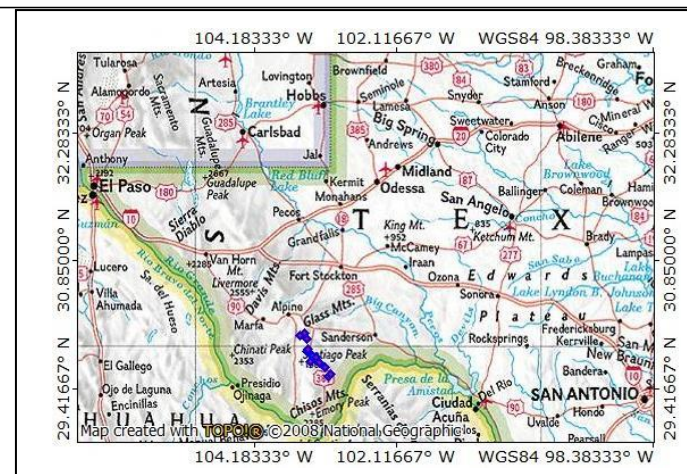
Summits on the Air – ARM for USA (W5T-Texas)

2.20 Region Reference – Santiago Mountains Region – W5T/SN-xxx

Association	USA W5T-TEXAS
Region	Santiago Mountains– W5T/SN-xxx
Region manager	Sean Gardner–KD6CUB mailto:kd6cub@arri.net

2.20.1 Regional notes

11 summits of the Santiago Mountains Region (**SN**) include a 3-point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.20.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/SN-001	Santiago Peak	6524	2464	29.8353	-103.4163	1-Jul-2010		Brewster	Santiago Peak.	8
W5T/SN-002	Elephant Mountain	6225	1765	30.0194	-103.5296	1-Jul-2010		Brewster	Elephant Mountain.	8
W5T/SN-003	Cochran Mountains HP	5587	1167	29.9818	-103.4275	1-Jul-2010		Brewster	Paso Del Norte.	6
W5T/SN-004	Y E Mesa	5385	525	29.7918	-103.3405	1-Jul-2010		Brewster	Y E Mesa.	6
W5T/SN-005	5380	5380	960	30.0375	-103.4515	1-Jul-2010		Brewster	Rock House Gap.	6
W5T/SN-006	White Ends Benchmark	5326	1066	29.7544	-103.3098	1-Jul-2010		Brewster	Y E Mesa.	6
W5T/SN-007	Black Peak	4820	880	29.7221	-103.3766	1-Jul-2010		Brewster	Graytop.	4
W5T/SN-008	4747	4747	567	29.8623	-103.4027	1-Jul-2010		Brewster	Santiago Peak.	4
W5T/SN-009	4605	4605	665	29.7828	-103.2862	1-Jul-2010		Brewster	Y E Mesa.	4
W5T/SN-010	4312	4312	692	29.7116	-103.2434	1-Jul-2010		Brewster	Persimmon Gap.	4
W5T/SN-011	Dagger Mountain	4173	873	29.5638	-103.1074	1-Jul-2010		Brewster	Dagger Flat.	2
W5T/SN-012	3834	3834	664	29.5906	-103.0772	1-Jul-2010		Brewster	Dagger Flat.	2
W5T/SN-013	Persimmon Benchmark	3749	778	29.6584	-103.1630	1-Jul-2010		Brewster	Persimmon Gap.	2

Summits on the Air – ARM for USA (W5T-Texas)

2.21 Region Reference – Sierra Diablo Mountains Region – W5T/SD-xxx

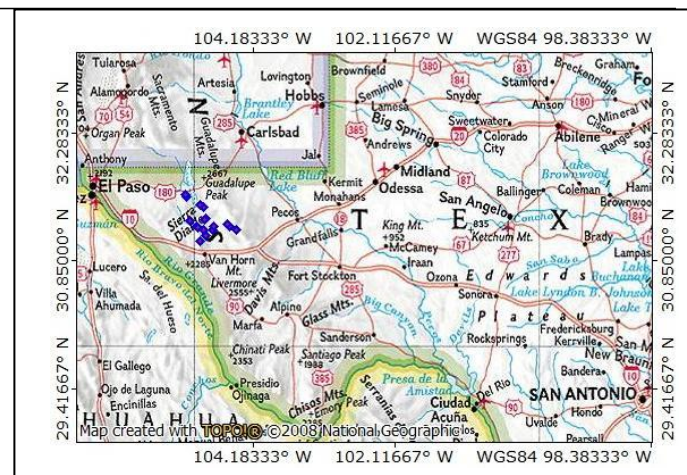
Association	USA W5T-TEXAS
Region	Sierra Diablo Mountains– W5T/SD-xxx
Region manager	Sean Gardner–KD6CUB mailto:kd6cub@arri.net

2.21.1 Regional notes

18 summits of the Sierra Diablo Mountains Region (**SD**) include a 3-point summer bonus because they attain the >4000 ft minimum. (pg-10).

2.21.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/SD-001	Diablo Rim	6660	1970	31.4484	-104.9039	1-Jul-2010		Culberson	Apache Peak.	8
W5T/SD-002	Diablo Benchmark	6519	819	31.1981	-104.9144	1-Jul-2010		Hudspeth	Sheep Peak.	8
W5T/SD-003	6420	6420	840	31.3266	-104.8836	1-Jul-2010		Culberson	Collier Mesa.	8
W5T/SD-004	6361	6361	581	31.3108	-104.8936	1-Jul-2010		Culberson	Collier Mesa.	8
W5T/SD-005	6088	6088	958	31.4758	-104.9651	1-Jul-2010		Hudspeth	Apache Peak.	8
W5T/SD-006	6085	6085	545	31.2421	-105.0048	1-Jul-2010		Hudspeth	Bean Hills.	8
W5T/SD-007	Sheep Peak	6062	552	31.2277	-104.9827	1-Jul-2010		Hudspeth	Sheep Peak.	8
W5T/SD-008	Beach Mountains HP	5933	1023	31.1381	-104.8689	1-Jul-2010		Culberson	Nutt Ranch.	8
W5T/SD-009	Sneed Mountain	5673	563	31.2951	-105.1136	1-Jul-2010		Hudspeth	Sneed Mountain.	6
W5T/SD-010	Apache Mountains HP	5658	1168	31.2017	-104.4280	1-Jul-2010		Culberson	East Hunter Canyon.	6
W5T/SD-011	Baylor Mountains HP	5580	1171	31.1964	-104.7778	1-Jul-2010		Culberson	Nutt Ranch.	6
W5T/SD-012	Baylor Benchmark	5564	974	31.2431	-104.7644	1-Jul-2010		Culberson	Nutt Ranch.	6
W5T/SD-013	Black Mountains HP	5513	943	31.5728	-105.1481	1-Jul-2010		Hudspeth	Black Mountains.	6
W5T/SD-014	5430	5430	760	31.5930	-105.1782	1-Jul-2010		Hudspeth	Black Mountains.	6
W5T/SD-015	5247	5247	657	31.2399	-104.5303	1-Jul-2010		Culberson	Goat Canyon.	6
W5T/SD-016	5209	5209	559	31.0678	-104.9544	1-Jul-2010		Hudspeth	Hackett Peak.	6
W5T/SD-017	5042	5042	640	31.2606	-104.5682	1-Jul-2010		Culberson	Seven Heart Gap.	4
W5T/SD-018	Old Baldy	5017	507	31.2562	-104.5563	1-Jul-2010		Culberson	Seven Heart Gap.	4



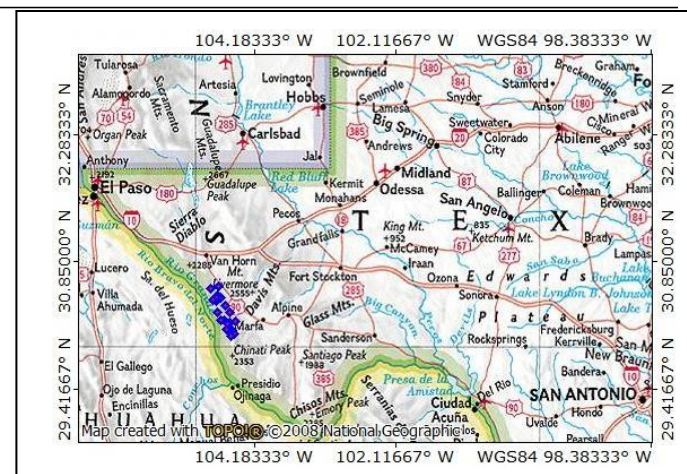
Summits on the Air – ARM for USA (W5T-Texas)

2.22 Region Reference – Sierra Vieja Mountains Region – W5T/SV-xxx

Association	USA W5T-TEXAS
Region	Sierra Vieja Mountains– W5T/SV-xxx
Region manager	Sean Gardner–KD6CUB mailto:kd6cub@arrl.net

2.22.1 Regional notes

18 summits of the Sierra Vieja Mountains Region (**SV**) include a 3-point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.22.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/SV-001	Cleveland Peak	6549	1129	30.0854	-104.5158	1-Jul-2010		Presidio	Ruidosa Hot Springs.	8
W5T/SV-002	Sierra Vieja HP	6500	1680	30.4528	-104.6785	1-Jul-2010		Presidio	Gettysburg Peak.	8
W5T/SV-003	Brite Benchmark	6397	817	30.1688	-104.5406	1-Jul-2010		Presidio	Capote Falls.	8
W5T/SV-004	Capote Peak	6212	1232	30.2794	-104.5507	1-Jul-2010		Presidio	Capote Peak.	8
W5T/SV-005	6100	6100	570	30.3582	-104.6160	1-Jul-2010		Presidio	Capote Peak.	8
W5T/SV-006	Pote Benchmark	6057	517	30.1786	-104.4577	1-Jul-2010		Presidio	Cuesta Del Burro NW.	8
W5T/SV-007	Star Mesa	5781	921	30.5799	-104.7069	1-Jul-2010		Jeff Davis	Vieja Pass.	6
W5T/SV-008	Needle Peak	5662	682	30.0373	-104.4825	1-Jul-2010		Presidio	Cuesta Del Burro West.	6
W5T/SV-009	5570	5570	870	30.0127	-104.5297	1-Jul-2010		Presidio	Ruidosa Hot Springs.	6
W5T/SV-010	Cerro Pardo	5540	640	30.0821	-104.5582	1-Jul-2010		Presidio	Ruidosa Hot Springs.	6
W5T/SV-011	5082	5082	582	30.1557	-104.5851	1-Jul-2010		Presidio	Capote Falls.	4
W5T/SV-012	Gettysburg Peak	4870	650	30.4763	-104.7324	1-Jul-2010		Presidio	Gettysburg Peak.	4
W5T/SV-013	4583	4583	563	30.4152	-104.7491	1-Jul-2010		Presidio	Gettysburg Peak.	4
W5T/SV-014	Quinn Mesa	4575	513	30.4489	-104.7397	1-Jul-2010		Presidio	Gettysburg Peak.	4
W5T/SV-015	Cerro Chino	4540	520	30.0889	-104.5960	1-Jul-2010		Presidio	Ruidosa Hot Springs.	4
W5T/SV-016	Chalk Mountain	4205	585	30.5567	-104.8179	1-Jul-2010		Presidio	Soldier Spring.	2

Summits on the Air – ARM for USA (W5T-Texas)

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/SV-017	4162	4162	582	30.4274	-104.7966	1-Jul-2010		Presidio	Quinn Creek.	2
W5T/SV-018	Rio Benchmark	4024	524	30.2858	-104.7317	1-Jul-2010		Presidio	McComb Canyon.	2
W5T/SV-019	3885	3885	505	30.1907	-104.6231	1-Jul-2010		Presidio	Capote Falls.	2
W5T/SV-020	3820	3820	520	30.1958	-104.6850	1-Jul-2010		Presidio	Candelaria.	2

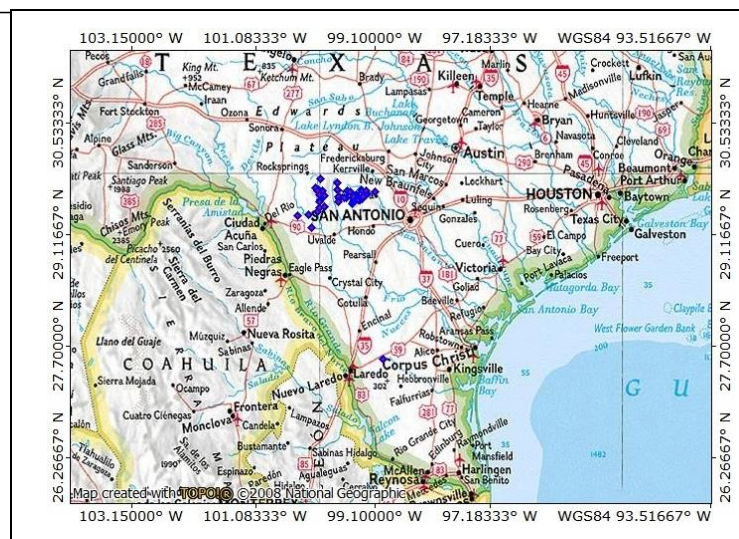
Summits on the Air – ARM for USA (W5T-Texas)

2.23 Region Reference – South Texas Region – W5T/ST-xxx

Association	USA W5T-TEXAS
Region	South Texas– W5T/ST-xxx
Region manager	Sean Gardner–KD6CUB mailto:kd6cub@arrl.net

2.23.1 Regional notes

The 43 summits of the South Texas Region (**ST**) include NO Bonus because they do not attain the >4000 ft minimum. (pg-10).



2.23.2 Table of summits

Reference	Summit Name	Elev	Prom	Latitude	Longitude	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Quad Map	Pts
W5T/ST-001	Rawhide Mountains HP	2210	350	29.6098	99.9447	1-Apr-2014		Uvalde	Lake Creek	1
W5T/ST-002	2155	2155	345	29.5853	99.6128	1-Apr-2014		Uvalde	Utopia	1
W5T/ST-003	2130	2130	360	29.7790	99.7242	1-Apr-2014		Real	Circle Bluff	1
W5T/ST-004	Wernette Mountain	2127	484	29.6619	99.5078	1-Apr-2014		Bandera	Vanderpool	1
W5T/ST-005	2098	2098	408	29.5994	99.4637	1-Apr-2014		Uvalde	Flatrock Crossing	1
W5T/ST-006	2056	2056	356	29.6858	99.7321	1-Apr-2014		Real	Rio Frio	1
W5T/ST-007	Bullhead Mountain	2042	342	29.8228	100.0157	1-Apr-2014		Real	Vance	1
W5T/ST-008	Crown Mountain	2041	381	29.6694	99.9741	1-Apr-2014		Real	Crown Mountain	1
W5T/ST-009	2030	2030	440	29.5853	99.5719	1-Apr-2014		Uvalde	Utopia	1
W5T/ST-010	Military Mountain	2026	356	29.7108	100.0942	1-Apr-2014		Edwards	Camp Wood	1
W5T/ST-011	2007	2007	337	29.6720	99.5678	1-Apr-2014		Bandera	Vanderpool	1
W5T/ST-012	2002	2002	341	29.6349	99.2276	1-Apr-2014		Bandera	Tarpley Pass	1
W5T/ST-013	Flag Mountain	1995	405	29.6225	99.2417	1-Apr-2014		Medina	Twin Hollow	1
W5T/ST-014	1990	1990	420	29.5708	99.4687	1-Apr-2014		Uvalde	Flatrock Crossing	1
W5T/ST-015	Saathoff Mountain	1987	417	29.5734	99.3152	1-Apr-2014		Medina	Texas Mountain	1

Summits on the Air – ARM for USA (W5T-Texas)

Reference	Summit Name	Elev	Prom	Latitude	Longitude	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Quad Map	Pts
W5T/ST-016	Wildcat Mountain	1983	373	29.6759	100.0527	1-Apr-2014		Edwards	Camp Wood	1
W5T/ST-017	1973	1973	338	29.5960	99.7086	1-Apr-2014		Uvalde	Magers Crossing	1
W5T/ST-018	Sycamore Mountain	1957	337	29.4698	99.9417	1-Apr-2014		Uvalde	Sycamore Mountain	1
W5T/ST-019	Texas Mountain	1956	438	29.5972	99.2914	1-Apr-2014		Medina	Texas Mountain	1
W5T/ST-020	Gunsight Mountain	1952	345	29.6805	99.3127	1-Apr-2014		Bandera	Tarpley	1
W5T/ST-021	1942	1942	332	29.6934	99.3301	1-Apr-2014		Bandera	Tarpley	1
W5T/ST-022	1935	1935	405	29.5664	99.3797	1-Apr-2014		Medina	Flatrock Crossing	1
W5T/ST-023	1930	1930	360	29.5734	99.6955	1-Apr-2014		Uvalde	Magers Crossing	1
W5T/ST-024	1930	1930	380	29.5839	99.4115	1-Apr-2014		Medina	Flatrock Crossing	1
W5T/ST-025	1910	1910	418	29.5560	99.4371	1-Apr-2014		Uvalde	Flatrock Crossing	1
W5T/ST-026	1910	1910	380	29.6307	99.4135	1-Apr-2014		Bandera	Seco Pass	1
W5T/ST-027	Sugarloaf Mountain	1910	340	29.6762	99.2563	1-Apr-2014		Bandera	Tarpley	1
W5T/ST-028	1909	1909	339	29.6255	100.0228	1-Apr-2014		Edwards	Camp Wood	1
W5T/ST-029	Pikes Peak	1904	334	29.6860	100.0408	1-Apr-2014		Edwards	Camp Wood	1
W5T/ST-030	Joiner Benchmark	1892	342	29.6584	99.1081	1-Apr-2014		Bandera	Bandera	1
W5T/ST-031	1890	1890	340	29.5308	99.4611	1-Apr-2014		Uvalde	Flatrock Crossing	1
W5T/ST-032	1870	1870	340	29.5589	99.3647	1-Apr-2014		Medina	Texas Mountain	1
W5T/ST-033	1847	1847	337	29.5617	99.3463	1-Apr-2014		Medina	Texas Mountain	1
W5T/ST-034	Turkey Mountain	1805	410	29.3728	100.2003	1-Apr-2014		Kinney	Turkey Mountain	1
W5T/ST-035	1753	1753	333	29.5308	100.0320	1-Apr-2014		Uvalde	Montell	1
W5T/ST-036	Seven Bluff	1745	335	29.5326	99.7163	1-Apr-2014		Uvalde	Magers Crossing	1
W5T/ST-037	1721	1721	341	29.5658	100.0068	1-Apr-2014		Uvalde	Montell	1
W5T/ST-038	Las Moras Mountain	1675	350	29.3566	100.3884	1-Apr-2014		Kinney	Brackettville	1
W5T/ST-039	Fence Mountain	1655	365	29.4116	100.0565	1-Apr-2014		Uvalde	Laguna	1
W5T/ST-040	1650	1650	360	29.5100	99.4881	1-Apr-2014		Uvalde	Flatrock Crossing	1
W5T/ST-041	Round Mountain	1575	370	29.4644	100.0173	1-Apr-2014		Uvalde	Laguna	1
W5T/ST-042	Anacacho Mountains HP	1531	406	29.2119	100.1515	1-Apr-2014		Kinney	Odlaw	1
W5T/ST-043	Webb County HP	945	360	27.5254	98.9638	1-Apr-2014		Webb	Mills Bennett SW	1

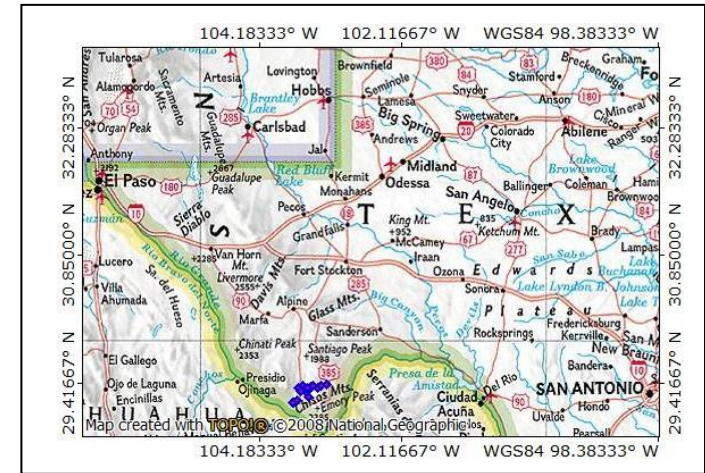
Summits on the Air – ARM for USA (W5T-Texas)

2.24 Region Reference – Study Butte Mountains Region – W5T/SB-xxx

Association	USA W5T-TEXAS
Region	Study Butte Mountains– W5T/SB-xxx
Region manager	Sean Gardner–KD6CUB mailto:kd6cub@arrl.net

2.24.1 Regional notes

4 summits of the Study Butte Mountains Region (**SB**) include a 3-point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.24.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/SB-001	Little Christmas Mountain	4828	1328	29.3809	-103.4341	1-Jul-2010		Brewster	Christmas Mountains.	4
W5T/SB-002	Croton Peak	4601	981	29.3724	-103.3480	1-Jul-2010		Brewster	The Basin.	4
W5T/SB-003	Paint Gap Hills HP	4263	673	29.3919	-103.2885	1-Jul-2010		Brewster	Sombrero Peak.	2
W5T/SB-004	4154	4154	534	29.3919	-103.3994	1-Jul-2010		Brewster	Christmas Mountains.	2
W5T/SB-005	Mesa de Anguila	3883	1303	29.2110	-103.6885	1-Jul-2010		Brewster	Mesa De Anguila.	2
W5T/SB-006	Grapevine Hills HP	3859	529	29.4045	-103.2077	1-Jul-2010		Brewster	Grapevine Hills.	2
W5T/SB-007	Tule Mountain	3838	858	29.2644	-103.4771	1-Jul-2010		Brewster	Tule Mountain.	2
W5T/SB-008	Willow Mountain	3830	820	29.3655	-103.5155	1-Jul-2010		Brewster	Terlingua.	2
W5T/SB-009	Sawmill Mountain	3797	683	29.3674	-103.6218	1-Jul-2010		Brewster	Terlingua.	2
W5T/SB-010	3753	3753	733	29.3956	-103.5534	1-Jul-2010		Brewster	Hen Egg Mountain.	2
W5T/SB-011	3745	3745	525	29.2098	-103.7103	1-Jul-2010		Brewster	Mesa De Anguila.	2
W5T/SB-012	Dogie Mountain	3700	760	29.3464	-103.4669	1-Jul-2010		Brewster	Tule Mountain.	2
W5T/SB-013	Maverick Mountain	3493	743	29.3184	-103.5120	1-Jul-2010		Brewster	Terlingua.	1
W5T/SB-014	Bee Mountain	3452	722	29.3426	-103.5403	1-Jul-2010		Brewster	Terlingua.	1
W5T/SB-015	3409	3409	509	29.3661	-103.4862	1-Jul-2010		Brewster	Tule Mountain.	1
W5T/SB-016	Cigar Mountain	3301	571	29.3334	-103.5824	1-Jul-2010		Brewster	Terlingua.	1
W5T/SB-017	Sierra Aguja	3300	760	29.2272	-103.6393	1-Jul-2010		Brewster	Mesa De Anguila.	1

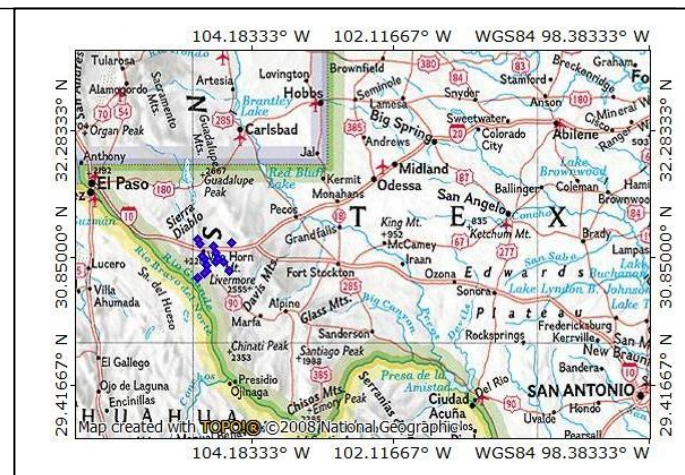
Summits on the Air – ARM for USA (W5T-Texas)

2.25 Region Reference – Van Horn Mountains Region – W5T/VH-xxx

Association	USA W5T-TEXAS
Region	Van Horn Mountains– W5T/VH-xxx
Region manager	Sean Gardner–KD6CUB mailto:kd6cub@arri.net

2.25.1 Regional notes

14 summits of the Van Horn Mountains Region (**VH**) include a 3-point summer bonus because they attain the >4000 ft minimum. (pg-10).



2.25.2 Table of summits

Ref.	Summit Name	Elev	Prom	LAT	LON	Valid From dd/mm/yy	Valid To dd/mm/yy	County	Map	Pts
W5T/VH-001	High Lonesome Peak	5660	1480	30.8405	-104.8731	1-Jul-2010		Culberson	Lobo.	6
W5T/VH-002	Y-Six Hills HP	5484	794	30.7000	-104.5130	1-Jul-2010		Jeff Davis	Dowman Canyon.	6
W5T/VH-003	5460	5460	800	30.7658	-104.8437	1-Jul-2010		Culberson	Lobo.	6
W5T/VH-004	Wylie Mountains HP	5310	1010	30.9780	-104.7495	1-Jul-2010		Culberson	Chispa Mountain NW.	6
W5T/VH-005	Carrizo Peak	5304	694	31.0558	-104.9759	1-Jul-2010		Hudspeth	Hackett Peak.	6
W5T/VH-006	Hackett Peak	5296	686	31.0090	-104.9404	1-Jul-2010		Hudspeth	Hackett Peak.	6
W5T/VH-007	Chispa Mountain	5200	770	30.8028	-104.7098	1-Jul-2010		Culberson	Chispa Mountain.	6
W5T/VH-008	5134	5134	794	30.9067	-104.7048	1-Jul-2010		Culberson	Chispa Mountain NW.	6
W5T/VH-009	5060	5060	560	30.8676	-104.9106	1-Jul-2010		Hudspeth	Lobo SW.	4
W5T/VH-010	5018	5018	598	30.8411	-104.6731	1-Jul-2010		Culberson	Chispa Mountain.	4
W5T/VH-011	Bullet Benchmark	4940	640	30.7031	-104.8403	1-Jul-2010		Jeff Davis	Ninetysix Ranch.	4
W5T/VH-012	4930	4930	500	30.8053	-104.5896	1-Jul-2010		Jeff Davis	Mayfield Hills.	4
W5T/VH-013	Black Peak	4776	526	31.0225	-104.4801	1-Jul-2010		Culberson	Boracho.	4
W5T/VH-014	4684	4684	504	30.6826	-104.8678	1-Jul-2010		Jeff Davis	Ninetysix Ranch.	4
W5T/VH-015	Sixty Six Benchmark	3900	720	30.6259	-104.9745	1-Jul-2010		Presidio	Mesquite Spring.	2