

North America 2015 SOTA Review



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January 26, 2016

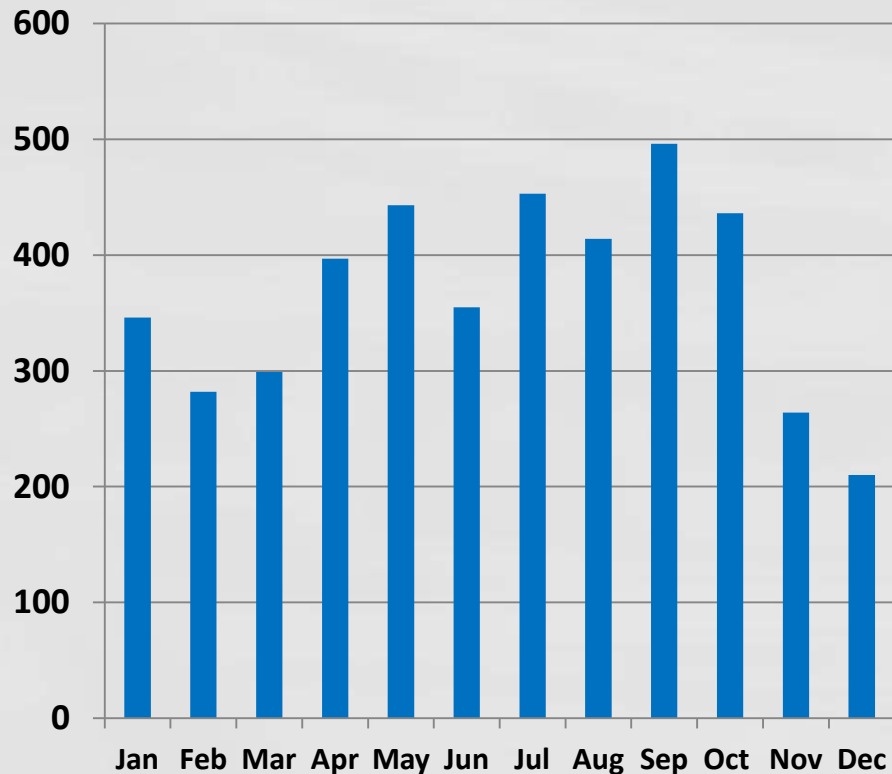
The Big Picture – in 2015....

This is a Chaser view of the Year – see Appendix for background on data sources and methods.

- There were 4,395 North America summit activations available for chasers from 2,484 different summits.
- These activations represented 25,554 chaser points.



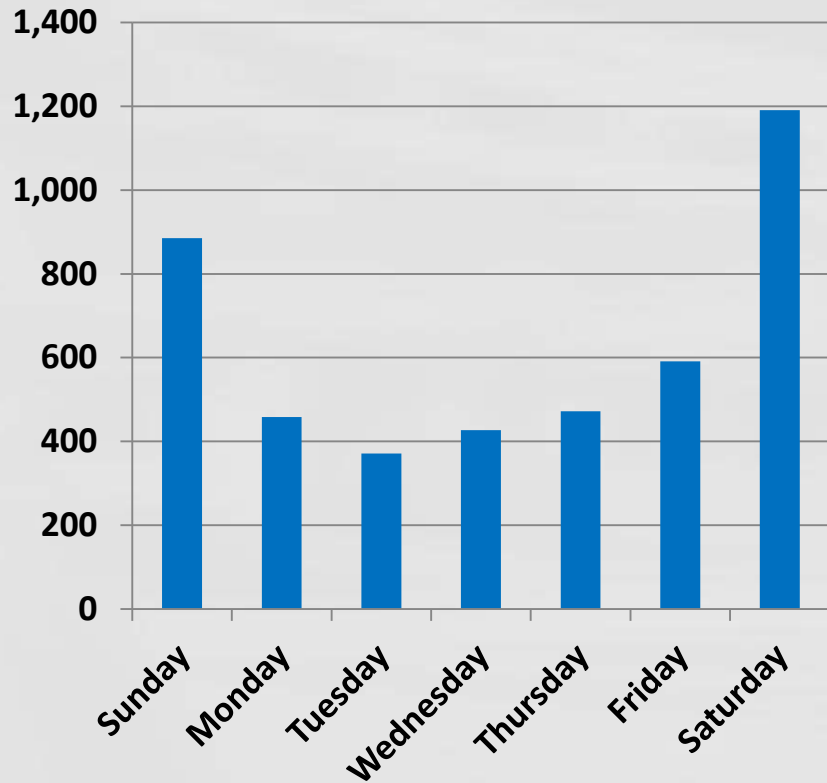
Activations by Month



- September was the most active month
- December the least active month.
- Summer months most active but there is still a lot of activity in the colder seasons



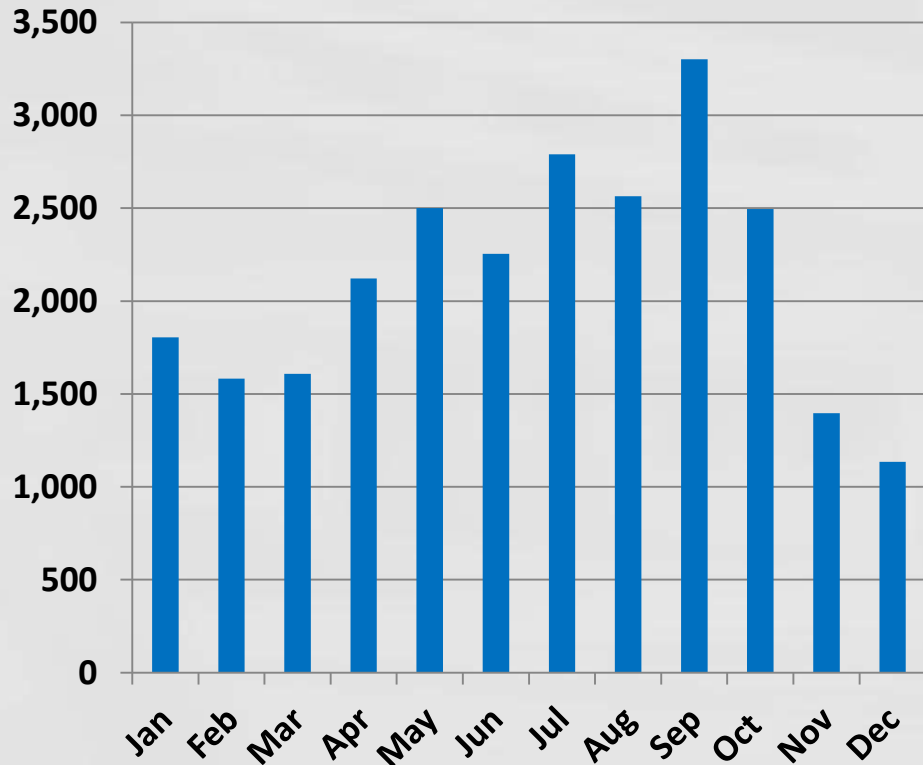
Activation by Day of the Week



- Almost half of activations are on weekends.
- Peak day (pun intended) is on Saturday
- Tuesday is slowest day



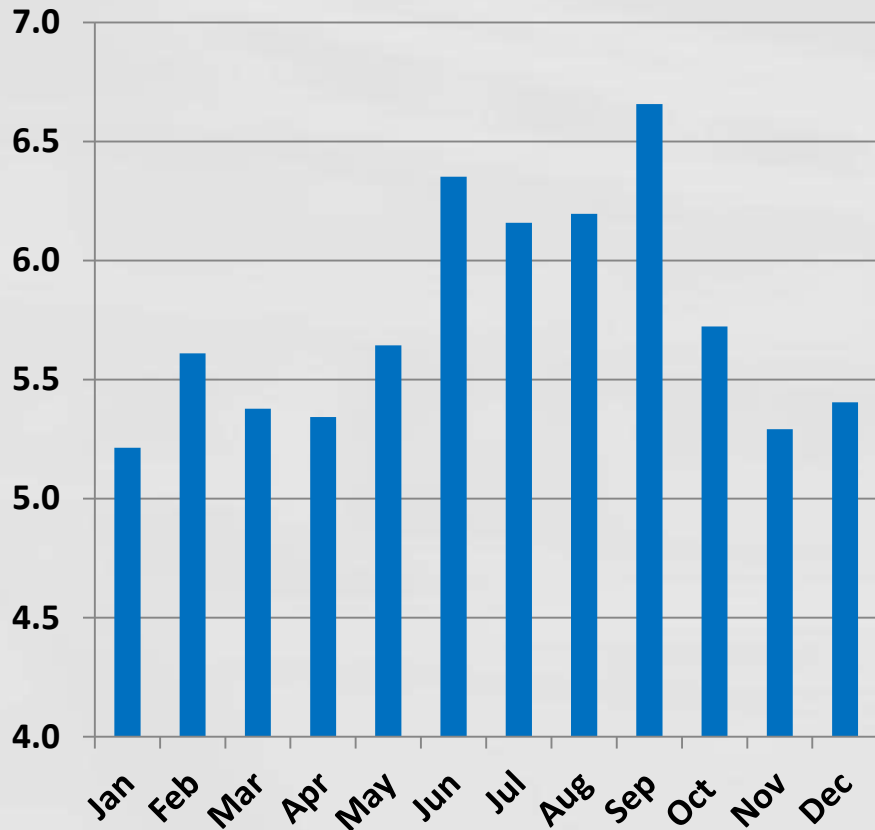
Chaser Points Available by Month



- September is also the best month for points.
- Points climb from March thru September as more and higher summits open up.



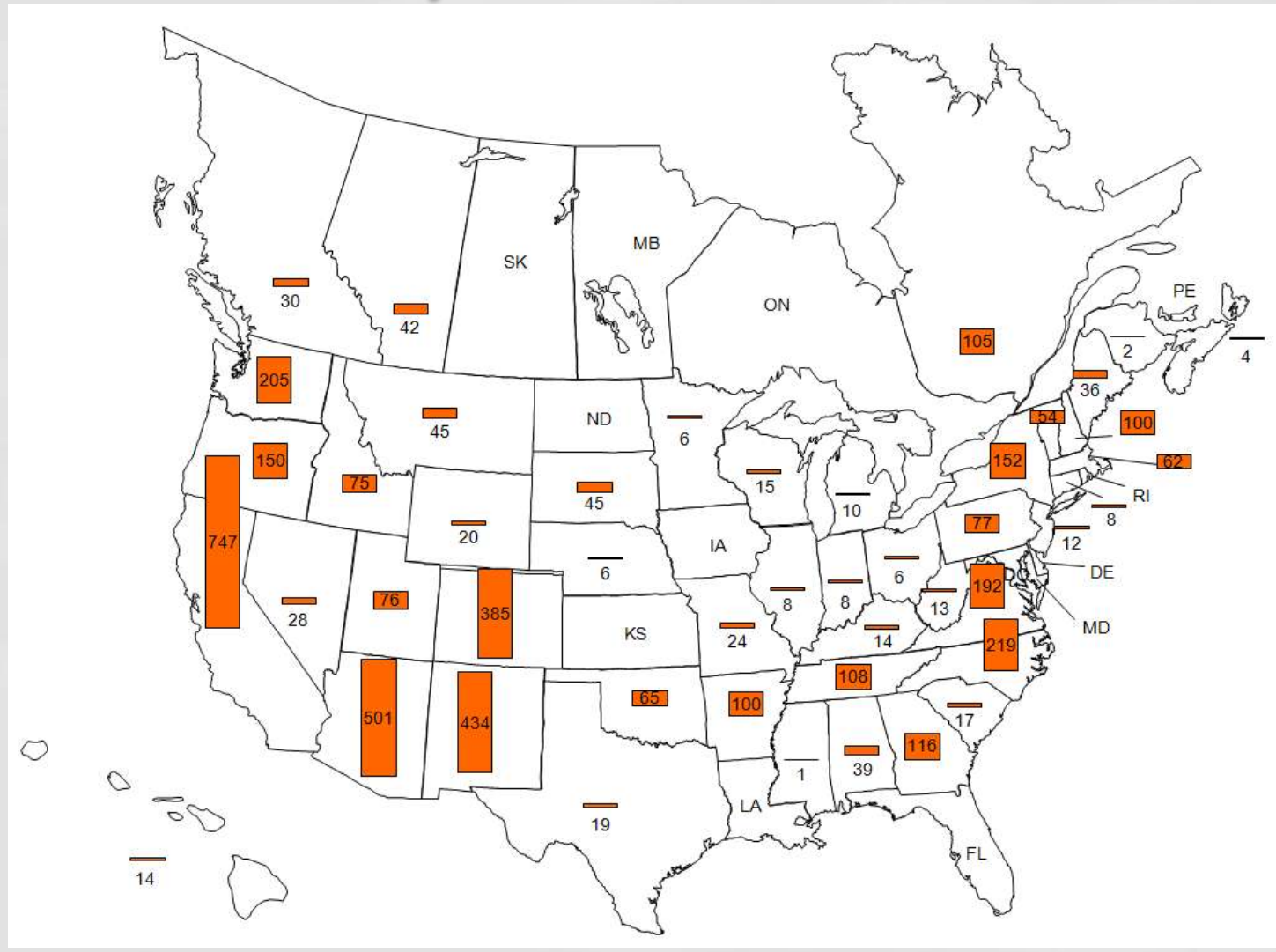
Avg. Chaser Points Per Summit



- Appears to be three activation seasons
- The “High Summit” season during June thru September. September being the month with highest average
- The “Shoulder” season in May and October when higher summits just becoming available or unavailable.
- The “Lower Summit” season the rest of the year. Average points/summit remarkably similar.



Activations by State & Province



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Top 10 States for Activations

	Total Activations	Summit Points Available
CA	747	3,754
AZ	501	3,726
NM	434	3,462
CO	385	1,939
NC	219	1,651
WA	205	910
VA	192	1,494
NY	152	759
OR	150	604

- 68% of the activations and 72% of the available points came from these Top 10 states.
- 7 of the 10 are “Out West”
- 3 of the 10 are “In the East”
- The top State/Month was April in NM when 764 chaser points were available



Top Summit Activation Rates

All States & Provinces

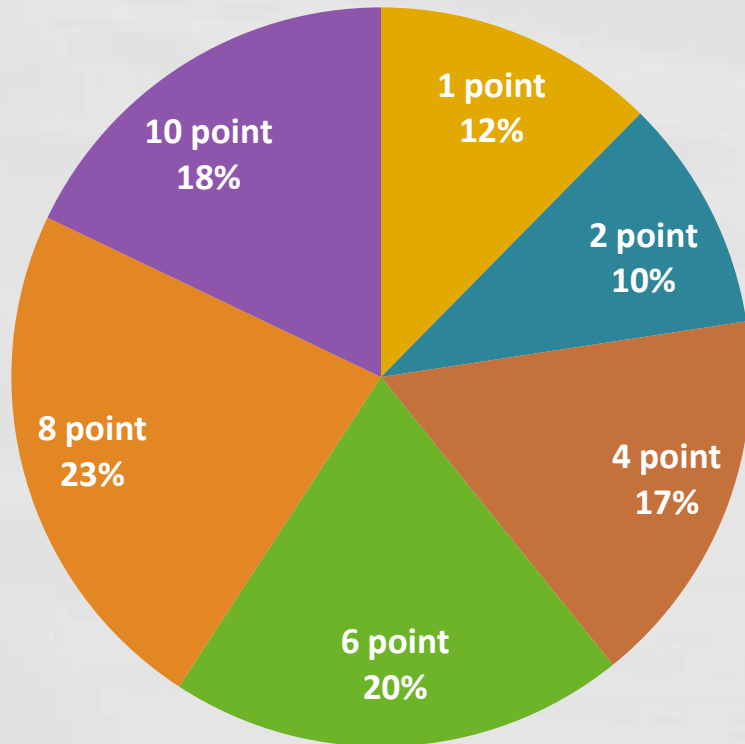
	% of Summits Activated
IN	100.0%
MS	100.0%
NJ	66.7%
MA	59.0%
IL	55.6%
GA	48.5%
AR	34.7%
MD	33.3%
NH	27.1%
CT	26.3%

States & Provinces with >300 Summits

	% of Summits Activated
NC	18.9%
VA	17.5%
NM	16.7%
NY	15.1%
CO	12.6%
AZ	11.6%
CA	9.8%
BC	6.2%
WA	6.0%
OR	5.8%



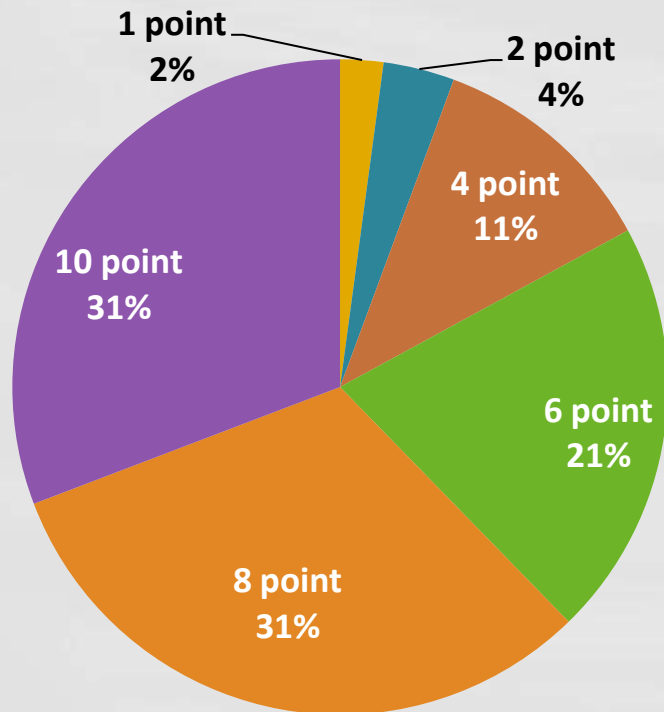
Activations by Summit Point Value



- Activations favored the higher point summits relative to all available summits
- Distribution of available summits:
 - 1 point = 13% and 12% of activations
 - 2 point = 17% and 10% of activations
 - 4 point = 21% and 17% of activations
 - 6 point = 26% and 20% of activations
 - 8 point = 16% and 23% of activations
 - 10 point = 7% and 18% of activations



Available Chaser Points by Summit Value



- Almost 2/3 of the available Chaser points came from 8 and 10 point summits.
- 1 and 2 points summits, while representing 22% of the activations, represented only 6% of the available points.



Most active summits

Summits activated on ≥ 10 days

Summit Reference	Name	Summit Points	# of Days Activated
W0C/FR-063	Mount Herman	4	17
W5N/SI-001	Sandia Crest	10	17
W7A/AW-001	Mount Lemmon	10	16
W7A/AW-003	Bigelow Mount	10	14
W6/CT-014	Kratka Ridge	8	12
W6/CT-019	San Gabriel Peak	6	12
W6/CT-067	Table Mtn	8	11
VE2/LR-061		2	10
VE2/ML-004	Mont Royal	1	10
W4V/GC-001	High Knob	10	10
W5N/SI-010	Palomas Peak	8	10
W6/CT-004	Mt. Baden-Powell	8	10
W6/NC-423	Mt. Davidson	1	10
W6/SC-001	Cerro Noroeste	8	10
W7A/CS-026	Summit Mountain	10	10

Summits with most QSOs by Top 15 Chasers

Summit Reference	Name	Summit Points	# of QSOs in Top 15 Logs
W0C/FR-063	Mount Herman	4	162
W5N/SI-001	Sandia Crest	10	139
W5N/SI-022	6860	6	91
W5N/PW-020	9420	8	88
W7A/AW-001	Mount Lemmon	10	85
W5N/SI-010	Palomas Peak	8	84
W6/CT-014	Kratka Ridge	8	79
W0C/SP-058	Monarch Ridge South	6	78
W4C/CM-005	Black Balsam Knob	10	77
W6/CT-019	San Gabriel Peak	6	76



Appendix – Notes on the Data and Process

- This is a **Chaser** view of the year. A summit activation is counted only once per day regardless of how many people activated it and on how many bands and modes they used – since Chasers can only count a summit once per day.
- Only summits in the US and Canada were examined.
- The data was gathered by analyzing the logs of the Top 15 Chasers in the US during 2015. The idea being that essentially all activations should show up in at least one of their logs.
 - The Chaser logs analyzed were from: W0MNA, W0ERI, AC1Z, W4DOW, NG6R, K0LAF, KG3W, WA2USA, NE4TN, N4EX, NS7P, N4MJ, K6EL, K4MF, and W7RV.
 - All activations that showed up in only one log were analyzed. About 60% of them were found to be data entry errors by the Chaser. (See following page for more data on QSO counts.)
 - Some activations were certainly missed in this analysis. Most missed activations are likely VHF only efforts as their transmit range is very short. However, there are quite a few of these activations in the logs of the Top 15. 50 of the 198 activations represented by a single QSO were on 6 or 2 meters.



QSO Totals in Top 15 Logs

95% of the activations were found in 2 or more logs of these Top 15

