

Summits On The Air



What is SOTA?

- SOTA stands for Summits On The Air.
- SOTA is an amateur radio awards scheme.
- SOTA is mountain topping communications.
- There are no dues or membership requirements.
- There are awards for Activators and Chasers.
- The website is: SOTA.ORG.UK

Summits On The Air (SOTA) program originated in the United Kingdom on 02-March-2002 but has propagated to most countries around the world. The program came to Colorado on May 1st, 2010 with Steve/WGØAT sending a CQ from Mount Herman.

SOTA.ORG.UK

[Summits on the Air](#)

[Joining In](#)

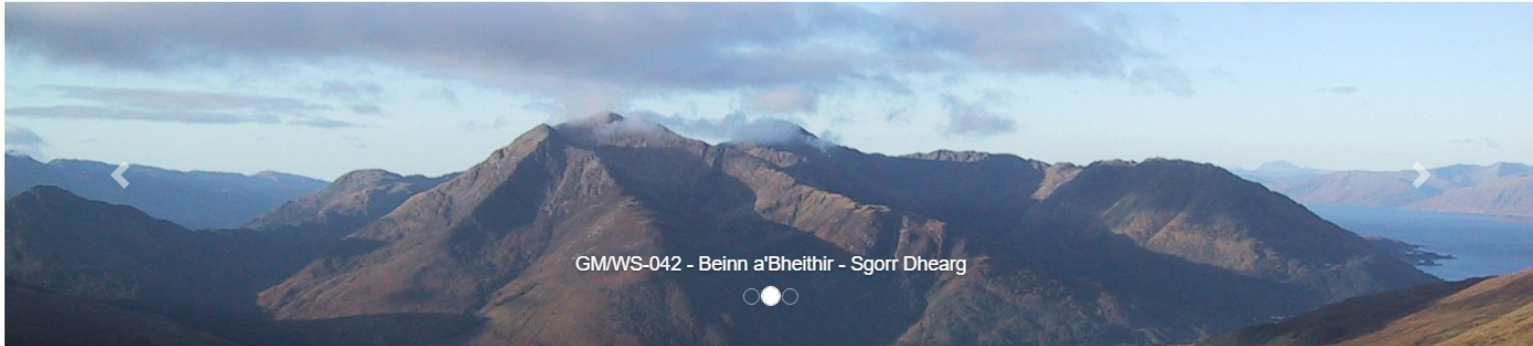
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Welcome to **Summits on the Air!**

SOTA is an award scheme for radio amateurs that encourages portable operation in mountainous areas.

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Website functions

- To “post an alert”, “spot”, “upload”, or browse for summits, you will need to register an account at no charge.
- “Post an alert” for your next activation whether it’s for tomorrow or next week.
- When you arrive at your summit, “Spot” yourself.
- When your done, “Upload” your contacts.
- SOTA is global and therefore runs 24 hours/day.

(On an iPhone, install SOTA Goat for spotting or JT8Call, Winlink)

SOTA Watch - Alerts

[SPOTS](#) [ALERTS](#)

Showing 177 alerts. [Settings](#)

Thursday 24 February 2022

08:30	IK6LEY/P on I/O-230 Time +/- [SOTA Spotter] (Posted by IK6LEY) Operator: Marcel Summit: Ahaberg, 1175m, 10 pts	7-cw, 7-ssb, 10-cw, 14-cw, 14-ssb
08:30	DM3FAM/P on DM/BW-851 time +/- [SOTA Spotter] (Posted by DM3FAM)	14-cw, 7-ssb
10:00	F6GLZ/P on FL/VO-041 +/- time (Posted by F6GLZ)	7.035-cw, 10,118-cw, 14.065-cw
10:00	OE5FSM/P on OE/TI-209 time +/- 60 min., mind updates, together with OE7RDI (Posted by OE5FSM)	7-cw+ssb, 10-cw, 14-cw+ssb, 145.500-fm, qsy +/-0.025-fm
10:00	IK6BAK/P on I/MC-120 https://www.qrz.com/db/IK6BAK/P (Posted by IK6BAK)	7.031, 10.131, 14.061, cw
10:00	OE5YYN/P on OE/OO-293 (Posted by OE5YYN)	145-fm, 7-ssb, 14-ssb

SOTA Watch - Spots

SPOTS		ALERTS
Showing latest 50 spots.		Settings
17:00	I1WKN/P on I/VE-276	14.246 ssb
16:47	K2CZH on W3/PW-059	5.3465 ssb
16:19	EA8/HB9HCS/P on EA8/FU-002	14.285 ssb
16:05	Q5/QK1DU on Q5/SB-373	7.032 cw
16:01	WG4I (Ryan) spotted on W4G/NG-055 (Joe Mountain, 924m, 6 pts)	21.325 ssb
16:00	Comments: Copy 41 on EA/FU-002. Tx for contact (Posted by HB9HCS)	14.062 cw
15:59	EA8/HB9HCS/P on EA8/FU-002	21.330 ssb
15:54	WG4I on W4G/NG-055	21.325 ssb
15:49	S57S/P on S5/BI-033	145.550 fm
15:42	WG4I on W4G/NG-055	21.325 ssb
15:39	EA8/HB9HCS/P on EA8/FU-002	18.160 ssb
15:28	WG4I on W4G/NG-055	14.347 ssb
15:25	EA8/HB9HCS/P on EA8/FU-002	14.330 ssb
15:18	WG4I on W4G/NG-055	7.185 ssb
15:15	MM0TKF/P on GM/SI-153	14.298 ssb

SOTA Database

The screenshot shows the top section of the SOTA website. At the top right, the title "SOTA Results and Summits Database" is displayed in a large, bold, black font. On the left side, there is a navigation menu with a "Menu" icon (three horizontal lines) and the following items: "Home" (with a house icon), "User Account" (with a person icon and a right-pointing arrow), "View Results" (with a document icon and a right-pointing arrow), "Summits" (with a mountain icon and a right-pointing arrow), and "Submit Logs" (with a document icon and a right-pointing arrow). A secondary dropdown menu is open from the "Summits" item, listing: "List of all summits" (with a mountain icon), "Find summits" (with a magnifying glass icon), "Popular summits" (with a mountain icon), and "Recently activated summits" (with a mountain icon). Below the navigation, the main content area begins with the text "Summits On The Air database service." followed by a paragraph: "programme that encourages radio amateurs who enjoy hill walking and the great outdoors to take their radios with them and operate from the mountain tops. and also those that make QSOs with the activators. The programme can be operated anywhere in the world. please see the main website, <https://www.sota.org.uk>".

Menu

- Home
- User Account ▶
- View Results ▶
- Summits ▶
 - List of all summits
 - Find summits
 - Popular summits
 - Recently activated summits
- Submit Logs ▶

SOTA Results and Summits Database

Summits On The Air database service.

programme that encourages radio amateurs who enjoy hill walking and the great outdoors to take their radios with them and operate from the mountain tops. and also those that make QSOs with the activators. The programme can be operated anywhere in the world. please see the main website, <https://www.sota.org.uk>

SOTA Summits Listings

Association: W1 - USA

Association Manager: Thomas, N2YTF

[Back to list of Associations](#)

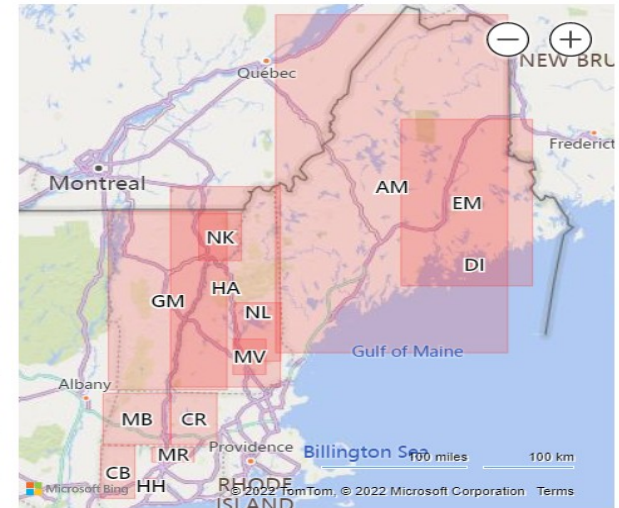
The Association commenced on Jun 1, 2009 and currently has 13 Regions (listed below) and 1099 qualifying summits.

- [Association Reference Manual](#) (version 4, updated 01 May 2017)

Click on a Region to view a list of summits.

Click column headers to sort table.

Code	Region	Manager	Summits
CB	Connecticut Berkshires	Thomas Tumino	12
HH	Hanging Hills	Thomas Tumino	4
MR	Metacomet Ridge	Thomas Tumino	3
AM	Appalachian Mountains	Thomas Tumino	426
CR	Connecticut River	Thomas Tumino	16



SOTA Mapping

Choose Association: Multi
 W1 - USA

Choose Region: Multi All
 W1/CR - Connecticut River

Choose Summit: --- Please choose ---
 Sort Summit Code

Mapping Summit history Region summaries

Chosen Summits Listing

Display: All summits in chosen range

Summit Code	Summit Name	All Act.	My Act.	Pts.
W1/CR-001	Wachusett Mountain	71	0	1
W1/CR-002	Mount Toby ★	22	0	1
W1/CR-003	Dry Hill ★	17	0	1
W1/CR-004	Mount Norwottock ★	35	0	1
W1/CR-005	Mount Grace ★	29	0	1
W1/CR-006	Peaked Mountain ★	56	0	1
W1/CR-007	Notch Mountain ★	8	0	1
W1/CR-008	Crag Mountain	10	0	1
W1/CR-009	Mount Watatic ★	45	0	1
W1/CR-010	Ragged Hill	12	0	1
W1/CR-011	Webb Hill	17	0	1
W1/CR-012	Tully Mountain ★	22	0	1
W1/CR-013	Quabbin Hill	66	0	1
W1/CR-014	Bare Mountain ★	56	0	1
W1/CR-015	Prospect Hill	32	0	1
W1/CR-016	Steerage Rock	8	0	1

Map Satellite Custom Map

SOTA Shop



Summits On The Air

SOTA Awards & Merchandise



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Point Reyes Hill



Summits On The Air

THIS CERTIFICATE IS AWARDED TO

Bidal Ibarra

**AWARD CERTIFICATES
CERTIFICATES IN PDF FORMAT
NOW AVAILABLE**



**BASEBALL CAPS
BASEBALL CAPS AVAILABLE IN
SEVERAL COLOURS**

SOTA Chaser Mode

- Sit at home and search for Activators. Check SOTA Watch (“Spots”) to see who is on. Date, Time, Freq, & Mode.
- Register yourself on “Join In”. (upload your logs)
- Set your transceiver to frequency, mode, and listen.
- The exchange is normally “signal report & your State”
- Log your contacts. Click on “database”, click on the menu option, “submit logs”, then menu option “submit chaser”.

SOTA Activator Mode

- Be careful, know your limitations. This is mountain topping. Some place you can drive to, others your need to hike.
- For hiking, bring only what you need and keep it light...
- Plan your trip, know the difficulties, map it well. Be prepared. Post an "Alert" a day or two in advance. When you arrive, "Spot" yourself.

What do I bring?

- Dress accordingly, the higher you go the colder it gets...
- First aid kit
- Flash light
- Snacks and fluids
- Whistle (ICE)
- Tell someone when and where you will be.
- Radio(s) - HF, VHF, UHF. SSB, CW, Digital, FM...
- Antenna(s) – EFHW, dipole, yagi...
- Power source – Batteries, Solar...
- Be careful how much you bring, you may be hiking a while.

Some Rules

- All expeditions must use legitimate access routes and comply with any local rules regarding use of land.
- Make sure you have any necessary permission to operate from the summit.
- Don't litter, take out what you brought in.
- You may not use or be in close vicinity to a vehicle.
- You must be within 25 meters or 80 feet below the peak height of the summit.
- At least one QSO must be made to Qualify as an activation.
- To qualify for points, attributed to the summit, a minimum of 4 QSO's must be made.
- You can only activate that particular summit once a year.

SOTA operation is typically QRP, around 5 or 10 W of power. However, SOTA does not specifically state a required power level...it's really driven by the need to operate backpack portable. Hence, there are very few 1 KW amplifiers in use on SOTA summits.

SOTA Points

- From the “Summits Listing” section, Code W1 on the website you can find how many points your summit is worth. Ex. Mt Tom is 1 point while Okemo Mt in VT is worth 8 points.
- After making your minimum of 4 QSO’s to earn your points, you can make 100 QSO’s but you only get the summit points...
- When you get home, upload your results.

Rules for Chasers

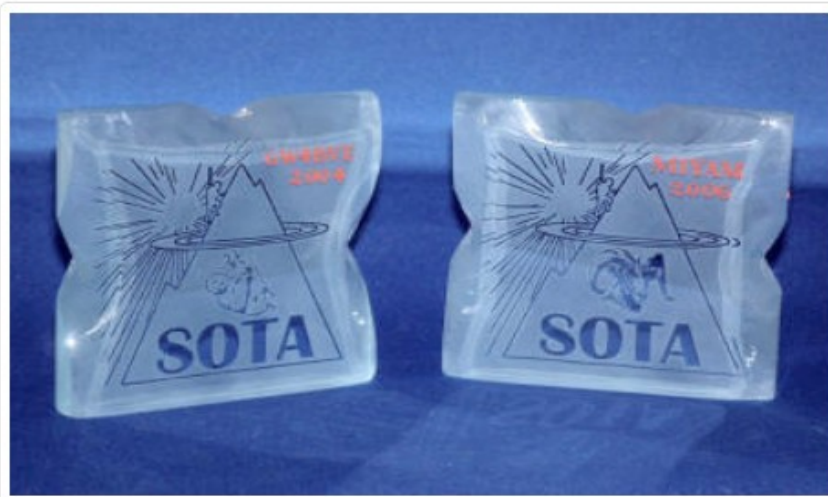
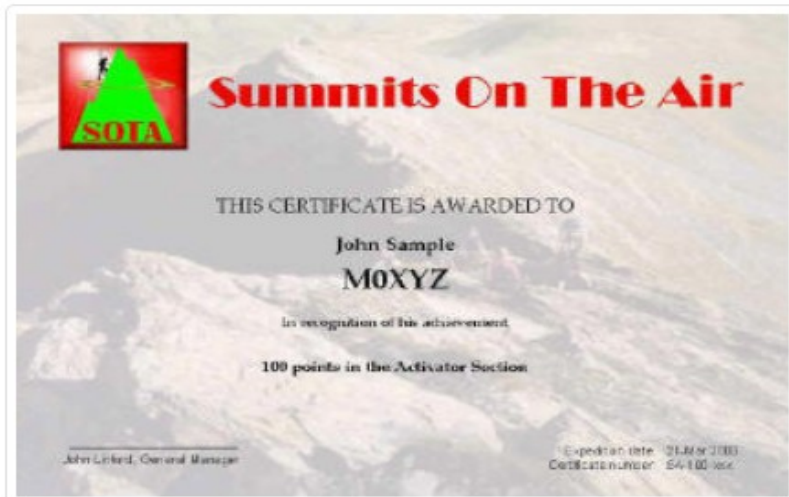
3.8 Rules for Chasers

1. The Chaser must hold an appropriate transmitting licence.
2. The Chaser must make a QSO with the Summit Expedition, in which at least callsigns and two-way reports are exchanged. Wherever possible, the SOTA Reference Number should also be obtained as part of the QSO.
3. With effect from 01-Jan-2004, only one QSO with a given Summit on any one day (defined as 00:00 to 23:59 UTC) counts for points.
4. QSOs via terrestrial repeaters do not count for points. QSOs via satellites, kites and balloons do count for points.
5. Chasers who wish to participate in the award scheme must submit a log showing details of all QSOs with Expeditions for which they wish to claim points.
6. QSL cards are not required, as the SOTA database can be used to verify your QSOs.
7. An Activator may claim Chaser points for QSOs made with Activators on other Summits during his Expedition.
8. The Summit score is claimed for a single QSO with the Expedition. Multiple QSOs with the same Expedition do not attract additional points.

SOTA Awards

Certificates and Trophies

Certificates are available for gaining 100, 250, 500, 1000 points (Activators and Chasers). These handsome certificates are printed in colour and are personally signed by a member of the SOTA Management Team. Each certificate is individually numbered and printed with your own callsign or SWL number. Endorsements such as "All CW" or "VHF" can be added on request at no extra charge. The certificates are posted to you in a board-backed envelope to ensure that they arrive in good condition. For those with boundless energy and enthusiasm there are additional certificates for 2,500, 5,000, and 10,000, and even higher points.



Types of SOTA Awards

- Mountain Explorer
- Mountain Hunter
- Summit to Summit
- Microwave Awards
- All available from the website under “SOTA Shop”

Certificate



Summits On The Air

THIS CERTIFICATE IS AWARDED TO

Harold Woering
N1FTP

In recognition of his achievement
100 points in the Chaser section

All SSB

Barry Horning GM4TOE

Barry Horning Awards Manager

Qualifying date: 9 Dec 2016

Certificate number: SC-100-414

Facebook Page by Jim, KK1W & Frandy, N1FJ started in 2011



SOTAJerks

Public group · 530 members

Join group

About Discussion Topics People Events Media Files



Write something...



Live video



Photo/video



Poll

New activity

About

Having fun on the mountains - one peak at a time! Please avoid politics in your postings, unless it's about the Amateur Radio Parity Act!

Public

Anyone can see who's in the group and what they post.

Some of my Activations

Bare Mt MA, Jay Mt NY, Talcott Mt CT, Okemo Mt VT, Quabbin Hill MA, Peak Mt CT



Tri-fold for on lookers...

The End

Questions?

Harold – N1FTP
2022