



# 1. Summits On The Air

by Luc - KF0CR (aka ON7DQ)



# Wat is SOTA ?

- Is een AWARD PROGRAMMA > punten !  
Maar ... ook een *hele leuke COMMUNITY*
- ACTIVATOR zit op een berg (1 v/d 73788)
- CHASER zit thuis, /P, /M, ... (ook SWL)
- Speciaal contact : S2S (summit to summit),  
summits complete (A&C), challenges (vb 6/10m)
- INTERNET support : database, alerts & spots,  
online logs en scores, mapping, tracks, reflector:
  - <http://www.sota.org.uk/>
  - <http://www.sotawatch.org/index.php>
  - <http://www.mathieudavid.org/webapps/sotawatchfilter/#/spotfilter>

# Punten ?



- Berg = 1 tot 10 punten ~ hoogte + *winterbonus*
- **Activator** : certificaat vanaf 100 punten, maar bij 1000 punten: **MOUNTAIN GOAT**
- **Chaser** : certificaat vanaf 100 punten, maar bij 1000 punten: **SHACK SLOTH** (*shack luiaard*)



# Enkele SOTA Associaties (v.d. 108)



- G - England
- GW - Wales
- GD - Isle of Man
- GM - Scotland
- GI - Northern Ireland
- HA - Hungary
- **F – France**
- EI - Ireland
- **DM - Germany**
- OE - Austria
- SV - Greece
- ZS - South Africa
- HB - Switzerland
- W2 – USA
- **ON – Belgium**
- OK – Czech Republic
- OH – Finland
- SP – Poland
- LA – Norway
- HB0 – Liechtenstein
- ON – Belgium
- OK – Czech Republic
- OH – Finland
- SP – Poland
- LA – Norway
- HB0 – Liechtenstein
- SM – Sweden
- S5 – Slovenia
- **PA – Netherlands**
- OD – Lebanon
- TK – Corsica
- Z3 – Macedonia
- W1 – USA
- W6 – USA
- VE2 – Canada
- W3 - USA(W3)
- VP8 - Falkland Islands
- LX - Luxembourg
- 9H - Malta
- OZ - Denmark
- YO – Romania
- E7- Bosnia-Herzegovina
- VE1- Canada (Nova Scotia)
- **W0M – USA (Missouri)**
- UT – Ukraine
- W4G – USA (Georgia)
- W4T – USA (Tennessee)
- W4V – USA (Virginia)
- **W5A – USA (Arkansas)**
- W5M – USA (Mississippi)
- W5N – USA (New Mexico)
- W5O – USA (Oklahoma)
- W5T – USA (Texas)
- W7A – USA (Arizona)
- W7I – USA (Idaho)
- W7M – USA (Montana)
- W7N – USA (Nevada)
- W7O – USA (Oregon)
- W7U – USA (Utah)
- W7W – USA (Washington)
- W7Y – USA (Wyoming)
- W8V – USA (West Virginia)
- HL - South Korea
- W7 - USA(W7)
- EA1 - Spain - North West

\* In vetjes deze waar ik reeds “activeerde”



# Welke bergen ? Waar zitten ?

- **PROMINENTIE :**

Top moet 150m (uitz. ON: 100m) uitsteken boven landschap, hoogte ASL op zich telt niet

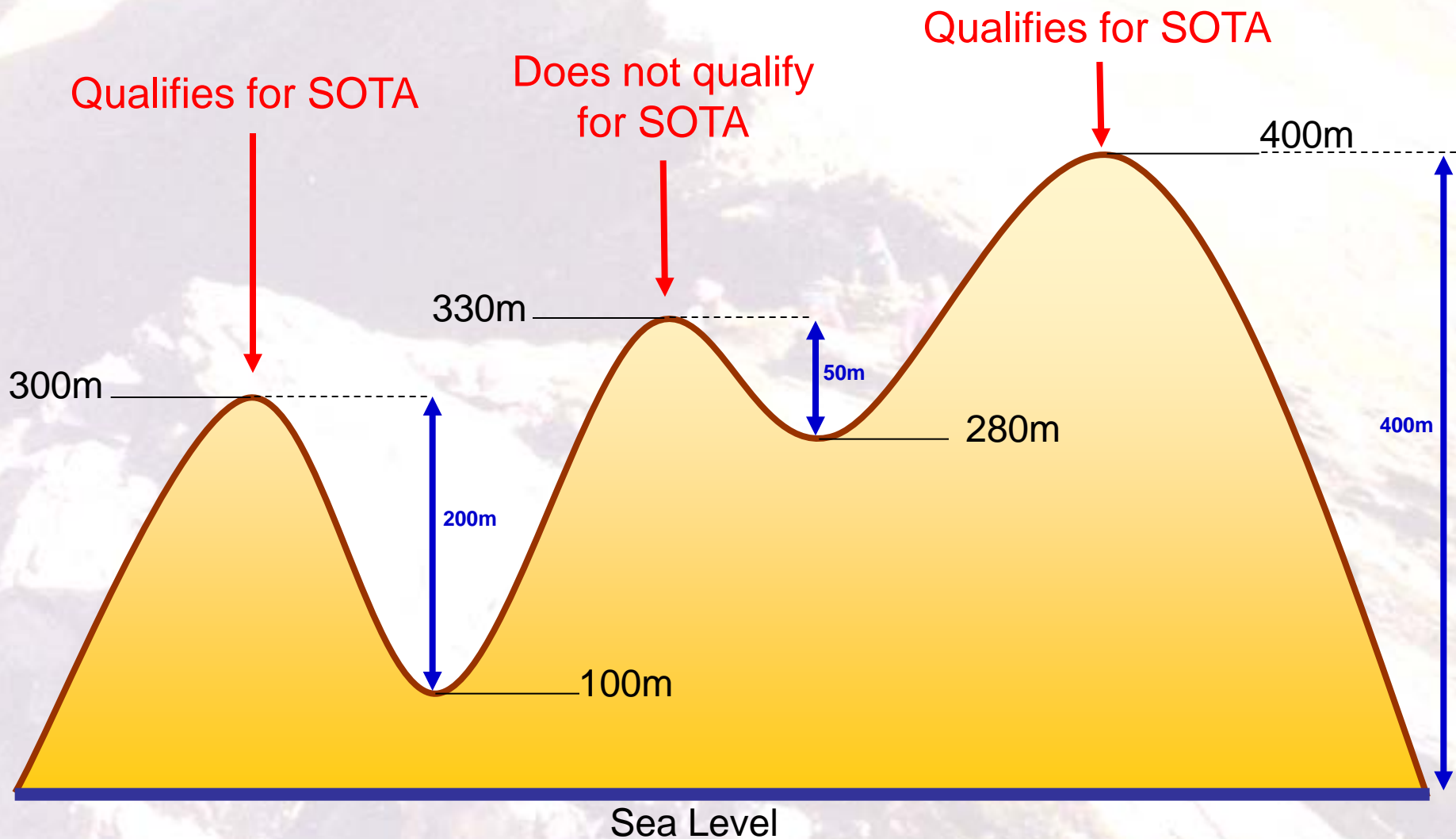
- **ACTIVATION ZONE (AZ) :**

Je moet binnen de 25m van de top zitten

Materiaal moet te voet “meegesleurd” worden (niet noodzakelijk door de operator .. Vb. XYL of geit ... zie >> WG0AT Youtube channel)

<https://www.youtube.com/user/goathiker>

# Prominence Definition



# SOTAwatch WEBSITE



## SOTAwatch2

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This page refreshes every 1 minute. Last updated **13:58:56 UTC**.

### Latest Spots

>> [more spots](#) | [new spot](#)

- Thu 13:57** **HB9CGA/P** on [HB/ZH-018](#) **10.119 cw**  
\*CQ CQ at 25 wpm. S/N=9 dB at HA6PX {Via RBNGate} (Posted by KU6J)
- Thu 13:55** **EI/GI4ONL/P** on [EI/IS-003](#) **10.119 cw**  
(Posted by M0IML)
- Thu 13:55** **OK1FII/P** on [OK/VY-058](#) **7.0325 cw**  
\*CQ CQ at 20 wpm. S/N=11 dB at IK3STG {Via RBNGate} (Posted by KU6J)
- Thu 13:54** **HB9CGA/P** on [HB/ZH-018](#) **14.062 cw**  
\*CQ CQ at 25 wpm. S/N=21 dB at OH6BG {Via RBNGate} (Posted by KU6J)
- Thu 13:52** **F6HBI/P** on [F/AM-544](#) **14.0641 cw**  
\*CQ CQ at 31 wpm. S/N=13 dB at ON5KQ {Via RBNGate} (Posted by KU6J)
- Thu 13:51** **F6HBI/P** on [F/AM-544](#) **14.0621 cw**  
\*CQ CQ at 30 wpm. S/N=12 dB at ON5KQ {Via RBNGate} (Posted by KU6J)

### Upcoming Activations

>> [more alerts](#) | [new alert](#)

- Thu 13:00** **AC4M/P** on [W4T/SU-071](#) **7.19-ssb,14.285-ssb,21.285-ssb,28.39-ssb**  
also on 2M FM 146.550 , track me AC4M-7 on aprs.fi (Posted by AC4M)
- Thu 13:15** **HB9CGA/P** on [HB/ZH-018](#) **7.032-cw**  
try higher bands too (Posted by HB9CGA)
- Thu 14:00** **WA7JTM** on [W7A/10-PTS](#) **18.090-10.111-21.062-24.914-cw**  
3-5 peaks today, s+12 (Posted by WA7JTM)
- Thu 14:00** **K7JFD** on [W7A/10-PTS](#) **7.032-cw,14.347-ssb,14.062-cw,28-?**  
w/ WA7JTM multiple peaks, pse work both of us s+12 (Posted by K7JFD)
- Thu 14:00** **EI/GI4ONL/P** on [EI/IS-003](#) **7-cw,10-cw,14-cw**  
Time is approximate (Posted by GI4ONL)
- Thu 15:00** **N0PCL** on [W0C/FR-004](#) **7->440-ssbcwfm,146.52-fm**  
APRS. Time +/- . Start on VHF. (Posted by N0PCL)

### Reflector Latest

#### [SOTA NEWS JUNE 2015 Part 2](#)

by G4SSH, #6 by VK1DA, 8days ago

#### [SOTA NEWS JUNE 2015 Part 1](#)

by G4SSH, #3 by GM0AXY, 8days ago

#### [Ham Radio Friedrichshafen SO](#)

by HB9DST, #25 by OE5YYN, 118mins ago

#### [Visiting UK - best 2 metre freq](#)

by N6JZT, #16 by MM0FMF, 3hrs ago

#### [Loop 40m](#)

by M3FEH, #18 by VK5CZ, 4hrs ago

#### [New version SPOTmySOTA v.3.](#)

by EA2CQ, #2 by EA2BD5, 7hrs ago

#### [Colorado/California- Looking to](#)

by KB1WDW, #3 by K6TW, 9hrs ago

#### [2015 EA2 SOTA day certificate](#)

by EA2CW, #18 by EA2CW, 19hrs ago

#### [The 2015/2016 official SOTA C](#)

by MM0FMF, #106 by G6TUH, 19hrs ago

#### [The 1 Kilo HF challenge. A mul](#)

by EA2BD, #23 by KT5X, 24hrs ago

#### [Swyre Head G/SC-012](#)

by M0HGY, #6 by G4CFS, 27hrs ago

#### [NI Visit 6-20 June. Looking for](#)

by M6BWA, #12 by M0JLA, 30hrs ago

#### [APRS audio produced by an ap](#)

by IK6QMS, #12 by N0LSD, 35hrs ago

>> [more topics...](#)

# SUMMIT Info



## SOTAwatch2

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### Summit Information for F/NO-133

## Mont Cassel - 176m, 1 point

**Association:** France **Region:** Nord Ouest

**Latitude:** 50 48 6 N, **Longitude:** 2 29 0 E

**Today's Sunrise:** 03:34 UTC, **Today's Sunset:** 20:04 UTC

**Relative to home QTH:** 54.2 km, 213 degrees

[Google Map](#) | [Google Earth](#) | [OpenStreetMap](#)

[SOTA Map](#)

### Resources

Feel free to add external links [↗](#) and articles relating to this summit that activators and chasers may find useful or interesting. Please read the disclaimer notice at the bottom of the page.

[F/G4OBK EU Tour June 2014](#) [↗](#) (Submitted by G4OBK on 24 Feb 2015)

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## Summit Activity

**Total Activations:** 6

**Latest By:**

F/M0IML/P on 03 Nov 2014

F/ON7DQ/P on 29 Aug 2014

F/G4OBK/P on 01 Jul 2014

F/G4OOE/P on 01 Jul 2014

F5MNO/P on 08 Jun 2014

**First Activated by:**

F/G3VQO/P on 08 Apr 2014

**Activated by You on:**

29 Aug 2014

**193 QSOs on these bands:**

<b>40m</b>	131	68%
<b>30m</b>	32	17%
<b>20m</b>	25	13%
<b>17m</b>	5	3%



# Typical SOTA Equipment



Portabel, vb. Yaesu  
FT1DE of Kenwood  
TH-D7/72 met GPS  
+ APRS !

(kan ook met  
AprsDroid +  
goedkope portabel !)

Nieuw & razend  
populair :  
**Elecraft KX3**  
(geen VHF/UHF)



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QRP Portable Radios  
vb. Yaesu FT817 (HF+VHF/UHF)



QRO (redelijk lichte) Radios  
e.g. Yaesu FT857  
(HF+VHF/UHF)



# Waarom de KX3 ?

Is vrij duur ... maar is iedere Euro waard ... vergelijking met FT-817 :

Prijs zonder en met opties :

**FT817** 570 + SSB óf CW Filter 130 ... + CAT cable 30 + DSP module 130 = **860 €**

maar : dan nog geen ATU, geen speech processor, ... en sommige opties zijn niet eens mogelijk, design is 15 jaar oud ... maar heeft wél VHF/UHF

**KX3** 1290 + ATU 230 + NiMH lader/clock 100 + Micro 72 = **1692 €**

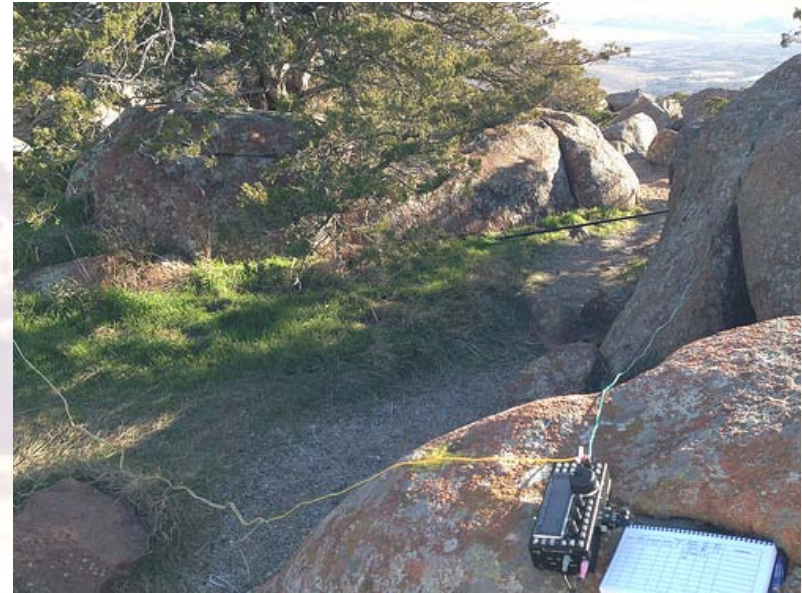
Opties die je kan missen (Roofing filter 170) (Paddle 165) (audio kabelset 26)

Wat heb je dan meer ?

**10W** (op EXT batterij!), ATU kan ingebouwd, veel "bells & whistles" : grote display , alle DSP filterbandbreedtes, speech processor, TX en RX equalizer, auto notch filter, CW audio peak filter, CW auto tune, 6x CW keyer memory, 2x voice keyer memory, audio stereo effects & dual receive (< +/- 15 kHz) , CW/RTTY/PSK decode/encode via paddle of via serial, I/Q out voor SDR toepassingen of panadapter, en nog VEEL meer

**RX** staat **5e** in de lijst van Sherwood Labs ! ( <http://www.sherweng.com/table.html> )

# Typical SOTA Antennas



Draadantennes (EFHW, Link Dipool, OCFD),  
Buddipole, (Alex)Loop  
Montage aan boom ... of op een Fiberglass Pole

POWER :LiPO/LiFePO > light weight and high output  
+ Bugspray, rope, first aid kit, log/pen, jacket, food & drink !

# Gewicht ... voorbeelden



Eerste set : **FT857D** + “Dell-duo” batterij 9 Ah + rugzak :  
**5 kg**

Tweede set : **KX3** + LiPo 5,8 Ah + rugzak : **2,25 kg**

Antennes, vislijn-mast 6m + grondanker, micro, paddle,  
log, pen, etc... : **1,6 kg**

**KX3 set** volledig zoals in USA/DL gebruikt : **4 kg**

Daarbij nog food & drink , jas ... 500 g à 1 kg

# Andere hulpmiddelen



## **Smartphone apps (Android) :**

**Navigatie** : Offline Maps – Maps With Me – OSM Tracker –  
GPS Test : hoogtemeter

**Logging** : er zijn diverse apps voor , maar papier werkt nog best in een pile-up ;-)

**Spotting** : RRT : Rucksack Radio Tool  
SOTA Finder

Swiss Army Knife : Kompas – Zaklamp

Easy Voice Recorder (QSO opnamen)

Morse Code Reader (bij Chasing)

**KX3 Mate** : 1 seriële kabel ==> CW/PSK/RTTY + CAT control

**Voor iOS** zijn er vergelijkbare apps : meest gekend = **SOTA Goat**

# Waar sta ik op vandaag ?



Begonnen in Juli 2014 ....

## **Activation Statistics: ON7DQ**

**Score: 180 points, 0 bonus points, total points = 180**

**Total summits activated = 41**

**Unique summits activated = 37**

**Total different chasers callsigns worked as activator = 488**

## **Chaser Statistics: ON7DQ**

**Chaser Score: total points = 1828**

**Total different activator callsigns worked as chaser = 249**

## 2. USA trip 2015

- **Tourist : Washington D.C. + New York City**
- **OzarkCon = QRP Conference**
- **SOTA in MO + AR**

## 3. DL trip 2015

- **Willingen, Sauerland**

by Luc - KF0CR/ON7DQ

