



HAM RADIO OPERATOR  
**ON THE AIR**

FIELD DAY 2016

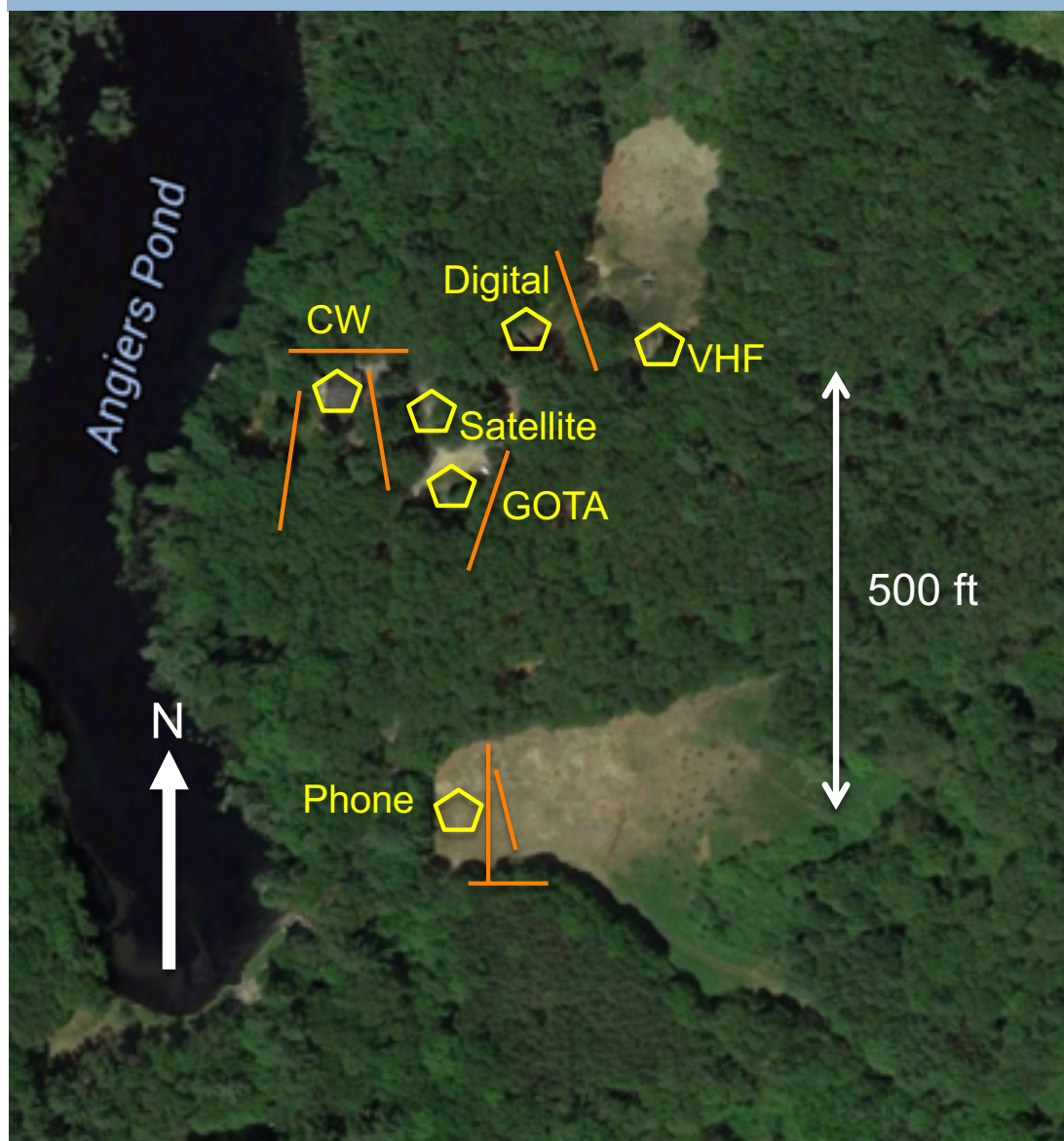


George, K1IG

# Highlights of 2016

- Round the clock (almost) operations for CW, Phone, and Digital stations
- 1,319 QSOs vs 932 in 2015
- 74 signed the visitor log
- Great weather
- Eight GOTA station operators
- Worked 49 states and 79 of 83 ARRL sections

# Station Locations



- Antenna locations and lengths are approximate
- Station and antenna locations were adequate for preventing mutual interference

# States Worked



**50 States**  
**83 Sections**

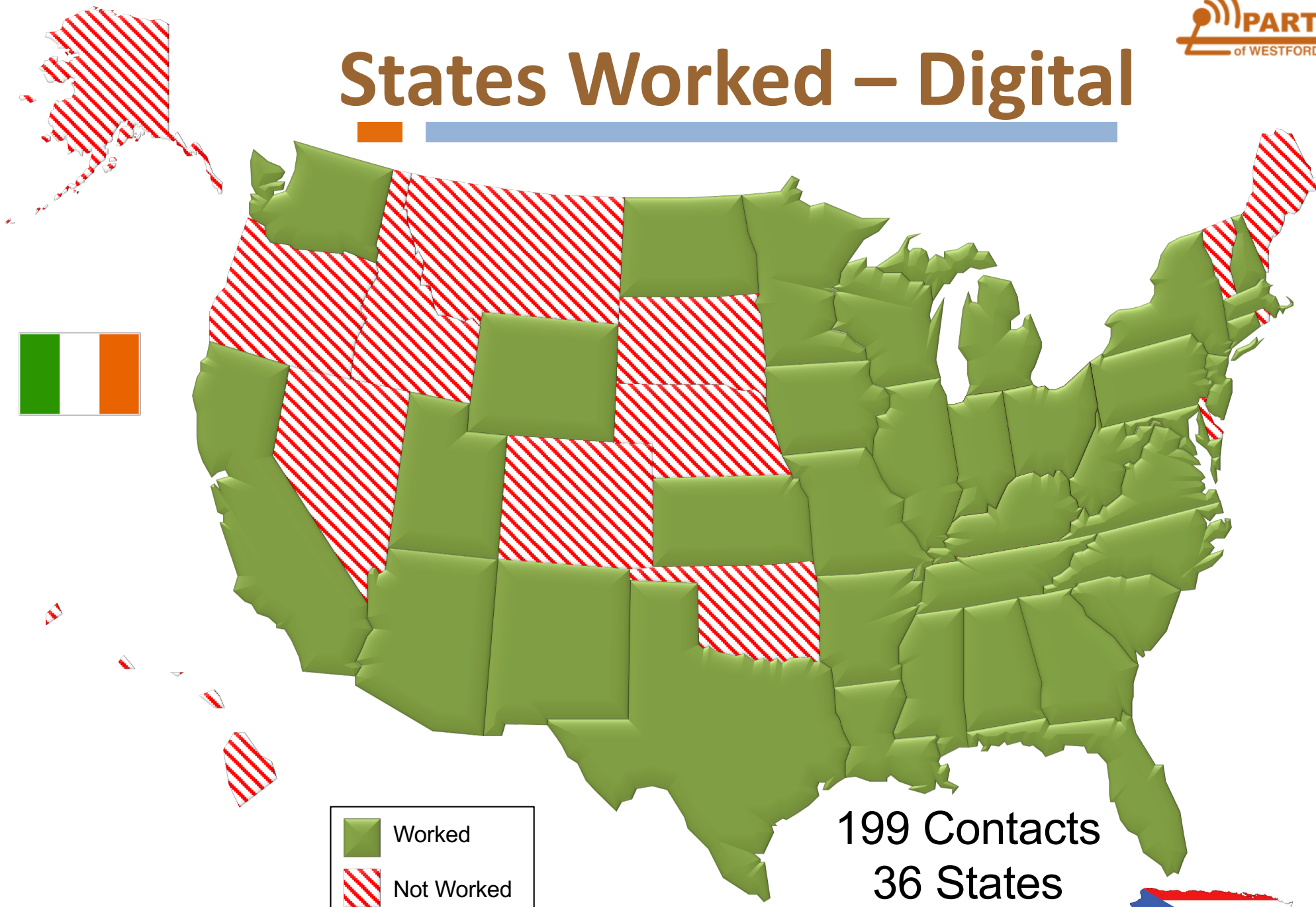


# States Worked – VHF



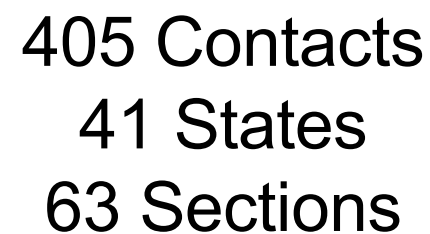
24 Contacts  
8 States  
9 Sections

# States Worked – Digital



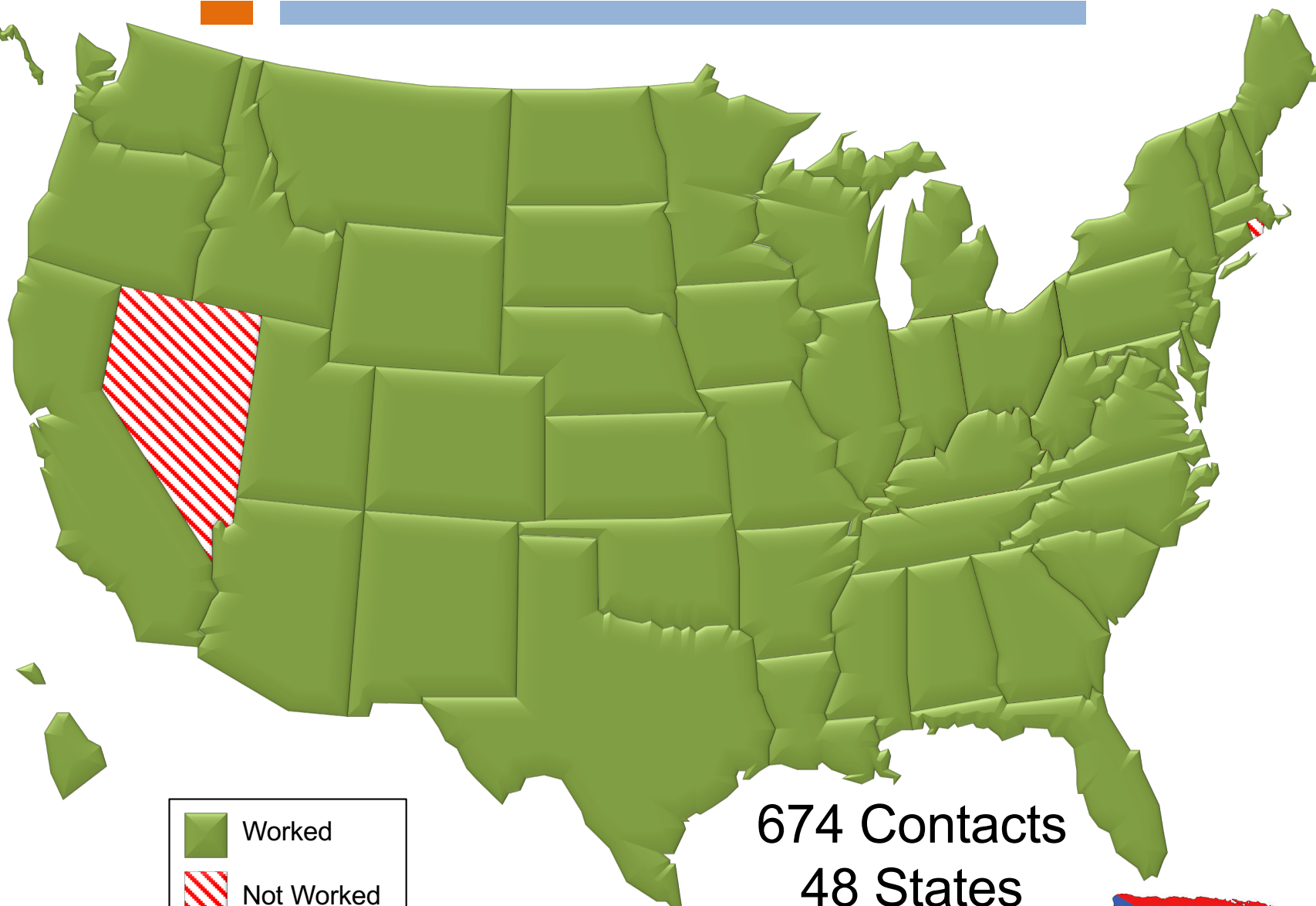
199 Contacts  
36 States  
47 Sections







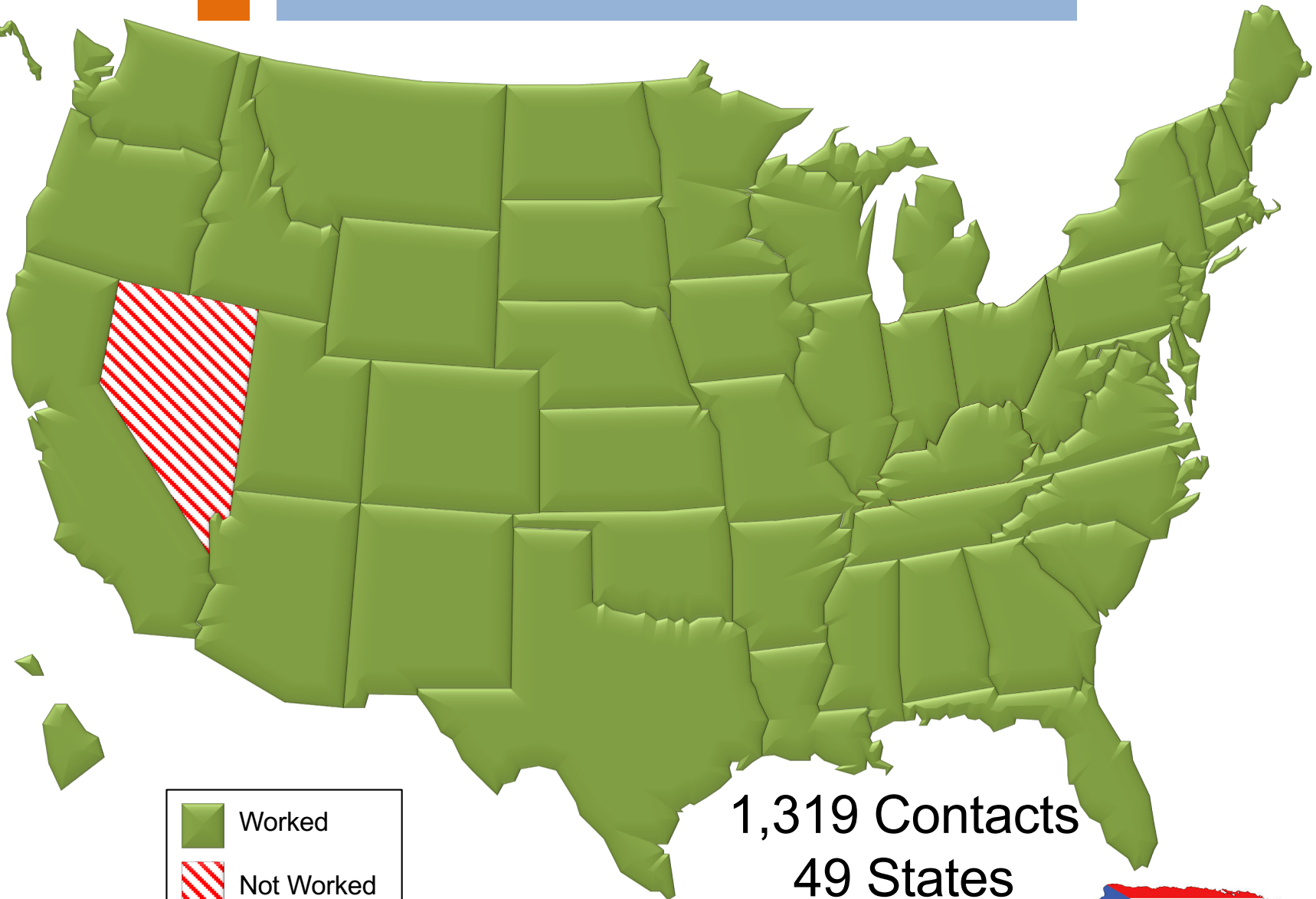
# States Worked – CW



674 Contacts  
48 States  
75 Sections



# States Worked – Total



1,319 Contacts  
49 States  
79 Sections



# Bonus Points

- ☐ Emergency Power
- ☐ Media Publicity
- ☐ Satellite QSO
- ☐ Alternate Power
- ☐ W1AW Bulletin
- ☐ Educational Activity
- ☐ Youth Participation
- ☐ Web Submission
- ☐ Public Location
- ☐ Public Info Table
- ☐ Site Visit by Elected Off.
- ☐ Site Visit by Agency Rep
- ☐ Message Handling
- ☐ Message to Section Mgr.
- ☐ GOTA Bonus
- ☐ Social Media
- ☐ Safety Officer

**1,450 Bonus Points!**



# Total Points

Mode	QSOs	Multiplier	Total
CW	674	2	1348
Digital	199	2	398
Phone*	446	1	446

\* SSB, VHF, Satellite, GOTA

Subtotal: 2192

Power Multiplier: x 2

Total: 4384

Bonus Points: + 1450

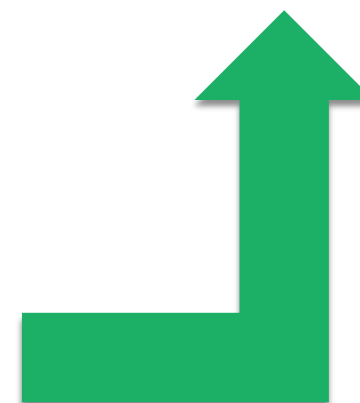
## Total Points = 5,834

# Previous Scores

Year:	2011	2012*	2013*	2014	2015	2016
QSOs:	618	592	723	1,669	932	1,319
Points:	2,674	6,345	7,355	6,212	4,212	5,834

\* QRP

**Almost 40% Increase!**



# Logging

- Deleted contacts:
  - ▣ Dupes. CW: 3.8%, Phone: 1.2%, Digital: 7.4%
  - ▣ Unrecognizable callsigns
  - ▣ PART club member QSOs
- Logging anomalies (Don't affect FD score)
  - ▣ Missing, partial, or incorrect exchange
  - ▣ Extra characters appended to callsign
  - ▣ Callsign not in QRZ.com
  - ▣ Many are correctable

# Dupe Checkers Are Stupid

- But they're even more stupid at Field Day
- Not connected to the internet
- Logging Errors:
  - ▣ "WA1XYZ 4A CT" → "WA1XYZ4A CT"
  - ▣ " WA1XYZ"
  - ▣ "WAWA1XYZ"
  - ▣ "//"
  - ▣ 0, O, 1, I

# Honorable Mentions

- Satellite Station: Bob – KB1SWZ [102 points!]
- Toolbox Talks: Bob – W1IS, Alan – W1CCE, John – KB1MGI [100 points!]
- Foxhunt: John – KB1MGI, Andy – KB1OIQ
- Generators: Dale – KB1ZKD [300 points!]
- GOTA Station: Andy – KB1OIQ, Bob – W1BAE (SK) [100 points!]



# Honorable Mentions

- Safety Team: Dale – KB1ZKD, Steve – N1BDA, Alan – KD1D [100 points!]
- PR & Information Table: Lela – KC1ACV [200 points!]
- Messages: Rich – N1HY [200 points!]
- Food Team:
  - Charlie – W1ADL
  - Rick – W1RAG
  - Lela – KC1ACV
  - Lyman – W1LKS[3,000 calories!]





# Honorable Mentions

- Solar Power: Allison – KB1GMX, Andy – KB1OIQ (100 points!)
- Social Media: Tim – KC1AJJ, Mark – K1MGY [100 points!]



Tim  
@miratim

Concord MA: my daughter successfully [#foxhunting](#) for [#ARRLFD](#) with [@WB1GOF](#) club [#hamradio](#) [#ardf](#)



RETWEET 1 LIKES 4

6:52 PM - 25 Jun 2016

West Concord, MA

1 4



Tim  
@miratim

Concord MA: my daughter makes a [#gota](#) contact on 40m for [#ARRLFD](#) with [@WB1GOF](#) club! [#hamradio](#)



RETWEETS 3 LIKES 9

6:49 PM - 25 Jun 2016

Concord Rod & Gun Club

3 9



Mark Richards  
June 26 at 8:14pm · 🌐

PART of Westford Field Day. I helped set up the SSB station and operated on Saturday and then again on Sunday afternoon. Beautiful weather and great friends.



Like Comment Share

# Operating Challenge

## PART FIELD DAY 2016

### Station Operations

Name/Call: \_\_\_\_\_

Email: \_\_\_\_\_

Operator Signature

CW: \_\_\_\_\_

Phone: \_\_\_\_\_

Digital: \_\_\_\_\_

VHF: \_\_\_\_\_

Satellite: \_\_\_\_\_

Fox Hunt: \_\_\_\_\_

GOTA: \_\_\_\_\_

- Non/New Hams: Five contacts on GOTA station and visit all other stations for a walk-through. Hunt the fox.
- Experienced hams: Five contacts each at CW\*/Phone/Digital/VHF. Walk-through at Satellite and GOTA. Hunt the fox.

**The Winners**  
**Niece, KA1ULN**  
**John, WB2OSZ**

# Things That Worked

- ❑ Site survey 2-3 weeks prior is vital. Include station and antenna leads.
- ❑ Safety officers and safety checklist
- ❑ Battery backup – Thanks, Greg (N1DAM)
- ❑ Generator logs
- ❑ Diversity reception is surprisingly effective
- ❑ 24 hour operations

# Lessons Learned

- ✓ Thorough preparation is essential. Create checklists, inventory and test all equipment and software 2-3 months in advance. Allow plenty of time for checkout.
- ✓ FD success depends on Friday's antenna rigging – include antenna plans and training at club meetings and site survey.
- ✓ Use dupe checker and ARRL section list for accurate logging and “clean sweep” checkoff. Get a complete exchange.
- ✓ It's a Win-Win when more people operate the stations.