FIELD DAY 2020
JUNE 26-27-28
BOB’S PLACE
WWW.ARRL.ORG
WHAT THE HECK IS FIELD DAY?

• A world-wide contest
• A world-wide emergency response exercise
• A fun time to socialize and meet other hams
• A family-friendly activity
• A 24-hour event (if you want it to be)
• Every year thousands of hams participate (individuals, groups, or clubs)
2020 PLAN OVERVIEW

- Three stations - 2 RVs 1 Tent
- Planning for a 3A station
- No dedicated VHF/UHF station
- No GOTA (coronavirus)
- Inviting no specific visitors (scouts, etc)
COVID SAFETY

- Minimize public interaction
- No shared meals
- Consider outside station placement, if feasible
- Masks, Sanitizer, Social Distancing
- Maintain social distance with public
- Station individuals have authority of their space
OUR CLASS / SECTION - LAST YEAR'S FIELD DAY

• Worldwide 68th place compared to all other 4A stations. Room to advance yet! (141 other clubs were 4A - so really basically middle of the pack)

• Only two 4A-MN runners last year.

• We were the 8th highest score of all MN stations (up from 15th in 2019).
### 2019 MN RESULTS - RANKED #8 (^15)

<table>
<thead>
<tr>
<th>#</th>
<th>CALL</th>
<th>SCORE</th>
<th>CATEGORY</th>
<th>QSOS</th>
<th>POWER MUL</th>
<th>GOTA CALL</th>
<th>SECTION</th>
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LAST YEAR’S POINTS BREAKDOWN

2019 POINTS BREAKDOWN

59% 41%

QSO Points
Bonus Points
2019 CONTACTS

- 48 States/provinces
- QSO on 5 Bands - (from 6)
- Most on 20, and 15 meters instead of 20 & 40
- Did not get ND & NV
2018/9 QSO MODE BREAK-DOWN

2018
- Phone: 60%
- Digital: 28%
- CW: 12%

2019
- Phone: 49%
- Digital: 42%
- CW: 9%
ROBERT CORDEL MANOR

• 8380 Lake Drive Lino Lakes, MN
• Lat: 45.210229 Lon: -93.093532
ANOKA COUNTY RADIO CLUB FIELD DAY EVENT

• June 26, 27, 28

• 3A-MN - Station so far.

• Location - 8380 Lake Drive, Lino Lakes, MN

• One RV, one pop-up camper station and one tent

• Covid precautions
FIELD DAY RULES - CLASS D CONTACT

CHANGES FOR 2020

• Bonus points for:
  • 100% Emergency Power
  • Media Publicity - N/A
  • Public Information Table - Tim
  • Message to section manager
  • Message Handling (NTS)
  • Satellite QSO
  • Alternate Power
  • W1AW Bulletin - Tim
  • Educational Activity -

• Site Visit by Elected Official
• Site visit by representative of an agency
• GOTA - 20 QSO Bonus Points up to 500
• GOTA Coach
• Public Location - N/A
• Safety Officer -
• Social Media

Preliminary assignments are negotiable. If you want to do something, say something!
STATION

HF1

• Sunseeker RV
• Yaesu FT-991A
• 20/40 dipole, End-fed
• Logging laptop and overhead map
• Outdoor map display
• RV Generator / 200 amp hour battery
• CW “Mostly?” / Digital
• HF4 station possible for digital if ops can commit…
• Outdoor operation if weather permits
STATION
HF2

• Popup Tent Trailer
• Icom 718
• Heck, whatever Tom brings
• Wire antenna + tower trailer
• Logging laptop
• Generator / Battery
INTERFERENCE MITIGATION

- Make use of bands or modes that others are not using
- Align antennas to minimize interference
- Lower power when you can, especially CW + Digital
- Be willing to tolerate and operate with some interference
- Coordinate activities on local 145.520 simplex
VHF/UHF

- Entitled to run as a 2A or higher station
- HF1 station can try 6M, 2M, 440 at 12 feet
- No dedicated station planned - though we can use our VHF/UHF capable HF stations to fill in the close gaps
- Great use of time to switch to VHF/UHF if a person with an extra radio shows up and wants to operate HF. We can only use 4 HF stations at a time because we’re a 4-A, but the VHF/UHF is an entitlement and doesn’t count for one of the four. Just make sure your logs get entered, either paper or a logging station!
FRIDAY, JUNE 26 - SETUP

• Setup - Logging server, antenna mast, antennas.

• Setup begins 5:00 PM at Bobs

• Test, test, test.
SATURDAY JUNE 27

- Field Day starts at 1800 UTC
- That’s 1:00PM local
- No shared meals (covid)
- No Corona either - Keep people safe.
- Bring your own folding chair and keep them spaced 6” apart
- Visit & chit chat OUTSIDE stations, when possible.

photo By N-Lange.de - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=5428694
SUNDAY JUNE 28

- Field Day ends for us at 1800 UTC (24 hours from start because we use Friday for setup - 1:00 PM local)
- Site cleanup / tear down after the contest
- Please help clean up! We want to make a good impression whether or not we plan to re-use this site.
SEVERE WEATHER

• Severe weather plan - evacuate safely to nearest shelter - no shelter available on-site.

• This is not theoretical - it’s more of a tradition with us.

• Antennas must disconnect when lightning is detected within 10 miles. (HF1 will monitor & alert other stations)
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