

# NM SECTION



Serving Ham Radio Operators throughout New Mexico

Volume I - Issue 3

## Section Manager's Note

Ed James, KA8JMW - ARRL NM Section Manager

Last month's Rocky Mountain Division Convention held in Keystone Colorado was a resounding success. The weekend was filled with: an excellent slate of speakers that include ARRL president Rick Roderick K5UR, ARRL General consul Chris Imlay W3KD, Riley Hollingsworth K4ZDH, and Gordon West WB6NOA; a program full of forums; and topped off with suburb meals. I hope to see you next year as the division convention is hosted by the Wyoming Section during Memorial Day weekend in Cody Wyoming.

There is a lot going on this month, most of it is related to Field Day. June 25-26<sup>th</sup> is ARRL Field Day. Hams throughout the US and Canada will be operating from the field, parks, mobile, their homes, and from emergency operations centers. I will be operating from the state EOC under the callsign NM5EM. I encourage everyone to get out and operate! If you're looking for a group to join, checkout the ARRLs Field Day station locator at: <http://www.arrl.org/field-day-locator>

Here is an easy 100 bonus points to be had during Field Day, earn 100 bonus points for the origination of a formal (NTS format) message, to the NM Section Manager or Section Emergency Coordinator. I will be available for any Field Day Section Manager messages at the following times and frequencies:



on Saturday June 27, Immediately following the Roadrunner Net which starts at 7:00 PM MDT on 3,939 KHz LSB and again on Sunday June 28, prior to the NM Breakfast Club at 7:30 AM MDT on 3,939 KHz LSB.

You can also send your traffic to NM5EM anytime during Field Day, where ever you might find us.

If you're looking for ideas on how to promote your Field Day operation, checkout the Field Day Public Relations kit, which can be found at:

<http://www.arrl.org/files/file/Field-Day/2016/2016%20Field%20Day%20PR%20Kit.pdf>

## Upcoming Events

### June 25, 2016

Field Day

[www.arrl.org/field-day](http://www.arrl.org/field-day)

### August 12-14, 2016

New Mexico ARRL State Convention / Duke City Hamfest (Albuquerque, NM).  
[dukecityhamfest.org](http://dukecityhamfest.org)

### September 3, 2016

Alamogordo Amateur Radio Club's 32nd Annual Hamfest  
[qsl.net/k5lrw/hamfest.htm](http://qsl.net/k5lrw/hamfest.htm)

### October 15, 2016

ARRL Hamfest hosted by Socorro ARA, NM Tech ARA & City of Socorro [socorroara.org/hamfest.html](http://socorroara.org/hamfest.html)

### October 16-18, 2016

Jamboree on the Air  
Contact Bob Longoria N5JH for more information.

# 2016 National Parks ON THE AIR

www.arrl.org/NPOTA

Throughout 2016 Amateur Radio is helping the National Park Service celebrate their 100th anniversary. Hams from across the country are activating NPS units, promoting the National Park Service and showcasing Amateur Radio to the public. This month's top 15 leaders in NM are:

Activator Leader Board

Rank	Call Sign	Score
45	W5IL	28
59	AI5P	21
65	KE5AKL	19
87	KC5RUO	13
87	NM5RC	13
112	NM5AE	10
124	AE5VM	9
181	N5FO	6
248	NM5DX/M	4
368	AL7L/5	2
368	K5GLT	2
368	KE7DX	2
368	KM5XK	2
368	NM5HD	2
368	WA6BJH	2

Chaser Leader Board

Rank	Call Sign	Score
53	K5TA	346
146	WB2RIS	263
218	W5IL	222
274	AI5P	198
651	K8TE	83
690	W5PDO	78
705	NM5WB	75
728	N9KW	72
755	NI5W	68
793	KC7QY	63
814	W5RDL	61
875	N5WMQ	53
1081	K5TEE	38
1130	KM5XK	35
1404	N9WL	25

You can find out more about this fun operating activity at [www.arrl.org/NPOTA](http://www.arrl.org/NPOTA) and the NM NPOTA Challenge at [www.arrl-nm.org/wp/section-awards/new-mexico-npota-challenge](http://www.arrl-nm.org/wp/section-awards/new-mexico-npota-challenge)

## ARRL Field Day - 2016

Jay Miller W5WHN 1A NM

It is now less than one month until the ARRL Field Day 2016 event. On June 25, 2016 at 1800 UTC, ARRL Field Day starts.



Prior to Field Day download the ARRL Field Day Packet [http://www.arrl.org/files/file/Field-Day/2016/2016FD\\_packet.pdf](http://www.arrl.org/files/file/Field-Day/2016/2016FD_packet.pdf) and read Rules 7.3.15.1 and 7.3.15.2. These two rules apply to Class A and Class B Stations. Invite several operators to your Field Day site, who are 18 years old or younger, and allow them to make at least one contact. This is an easy 20 points per contact, limit 40 bonus points for Class B Stations and limit of 100 bonus points for Class A Stations.

Ask the same 18 years old or younger operator(s) to handle the Social Media (Facebook, Twitter, etc.) for your Field Day Station. This is Field Day Rule 7.3.16 Use #ARRLFD for Twitter to tweet out your Field Day operation information. This is an easy additional 100 bonus points.

Add another 100 bonus points to your score for having an onsite Safety Officer for only Class A Stations. This is 2016 Field Day Rule 7.3.17.

This is my favorite yearly radio event involving radios, friends, food, family, and two Border Collies.

## New Ham Report

The following have recently become licensed amateur radio operators, please reach out to them and invite them to your next club meeting.

Call	Name	City
AG5FE	Gregory Hebner	Albuquerque
KG5NSW	Jon Wittwer	Albuquerque
KG5NSZ	Guylaine Pollock	Albuquerque
KG5NTA	Glen Hart	Albuquerque
KG5NPQ	Will Harris	Albuquerque
KG5NPO	Joel Harris	Albuquerque
KG5NPP	Rebecca Harris	Albuquerque
KG5NJW	Luke Cherian	Albuquerque
KG5NKB	Alexander Prossnitz	Albuquerque
KG5NTB	Charles Braden	Albuquerque
KG5NSY	Kristen Sanders	Albuquerque
KG5NPF	Michael King	Albuquerque
KG5NSX	Michael Wiles	Albuquerque
KG5NGM	Kevin Reed	Farmington
KG5NGP	Tyler Werne	Socorro
KG5NGN	William Heller	Socorro
KG5NGO	Madeleine Bodine	Socorro
KG5NUH	Kevin Mccuiston	Hobbs
KG5NQL	Stephanie Garrison	Ruidoso

## Silent Key Report

We regret to report the following keys are now silent:

Jim Craig, W5HWG  
Albuquerque, NM.  
Passed 5/19/16, Age 89  
Obituary ABQ Journal, 5/22/16

Jim Mangham, AC5MO  
Albuquerque, NM.  
Passed 5/27/16, Age 89  
Obituary ABQ Journal, 6/5/16

## Ham Population Report

	Novice	Tech	General	Advanced	Extra	Total
NM	49	3,537	1,361	378	1,238	6,563
USA	10,461	367,397	172,327	46,626	144,122	738,933

## May Net Report

To ensure inclusion in this monthly report, please forward all net reports to Don Grab  
K5BIS@ARRL.net and Alden Oyer  
AG5S@ARRL.net - thank you!

Net	Check-ins	QSTs
NM Roadrunner Traffic Net	1073	44
NM Breakfast Club	835	74
Caravan Club Net	93/	7
Yucca Net	365	84
Four Corners Net	688	39
SCAT Net	1006	209
Rusty's Raider's Net	425	46
Valencia County ARA Net	48	19
Tri-County ARES Net	66	6
Tri-County ARES Simplex Net	5	1
KC5JBO Memorial Simplex Net	62	0
144 Mhz. SSB Net	24	0
432 Mhz. SSB Net	22	0
D-Star Voice Net	56	11
NM Department of Health Net	170	4
NM ARES/RACES Statewide Net	15	1

## Field Day Photo Contest

Again this year we'll have the 2016 NM Section Field Day photo contest. The rules are simple: the best composed photo that emphasizes Field Day radio action (not just people standing around or eating) wins. There are two categories, Best individual submission and best club/team submission. The winners will be announced and top pictures from both categories will be posted in the July newsletter. Pictures are due by email to Ed James by end of weekend following Field Day (July 3rd).



Winner: "Arm Chair Copy at 2015 Field Day". (Photo by Romy Webb KD0PQU)

## Hero's Helping Hams (HHH)

Mark Goodrum W5MHG@arrrl.net

Several years ago Don Wood W5FHA started the Hero's Club. He received donations from Silent Keys and other Amateur Radio Operators. They wanted their radio equipment to be used by student in schools around New Mexico. After the schools used the equipment they would return the radios back to the Club.

Don has passed the torch on to me. The program will continue to allow Amateur Radio programs in schools to use equipment as long as needed. If the School radio program is discontinued the equipment will be returned.

We have also expanded the program and renamed it the Hero's Helping Hams Program or HHH. HHH will be available to new and old Amateur radios operators. New operators that may need a radio or a ham that may have a radio broken or in for repair may borrow equipment. In the spirit of the Amateur Radio, equipment can be borrowed and then returned.

Anyone can donate equipment to HHH by contacting Mark Goodrum, W5MHG.

I would like to thank Don for his dedication to this wonderful hobby and having the foresight to start the Hero's Club. The spirit of the Amateur Radio will continue through Hero's Helping Hams.

## Call for nominations: Ham of the Year & Club of the Year

One of the great qualities of our ARRL New Mexico Section is that it is full of active League members who do great things that positively impact our amateur radio community. We're also fortunate to have many ARRL-affiliated ham clubs across the Land of Enchantment that are teeming with activity and similarly benefit our community. All deserve our gratitude.

Nominations are being accepted right now, and are due no later than Friday July 1st. Recipients will be announced before the Section and awarded a plaque at the upcoming ARRL New Mexico State Convention (Albuquerque Duke City Hamfest, August 12-14).

Complete rules and online nomination forms for each award are available by visiting the ARRL New Mexico Section website at <http://www.arrrl-nm.org/wp> and clicking on the "Awards" link located in the menu.

We all know who the moving and shaking hams and clubs are within the New Mexico Section. Please take a moment to nominate them for recognition today.

**Ed James  
KA8JMW**

New Mexico  
Section Manager  
ka8jmw@arrl.net

**Assistant Section  
Managers**

Southern NM -  
Robert Truitt  
KE5OFK

Northern NM - Bill  
Boedeker NM5BB

Don Grab N5BIS

**Section Youth  
Coordinators**

Bob Longoria N5JH

Phil Darling KF5LEF

Sue Darling KF5LEG

**Affiliated Club  
Coordinator**

Art Priebe N5ART

**Official Observer  
Coordinator**

Jerry Boyd WB8WFK

**Section  
Emergency  
Coordinator**

Bill Mader K8TE

If you are interested in  
an open leadership  
position, please  
contact Ed James.

**The First Field Day Ever**

Alden Oyer, AG5S@arrl.net

In 1933, The June 1933 QST announced that the second Saturday in June, for a period of 27 hours, starting at 4 pm local time, that hams would go into the "field" and set up portable stations.

The scoring of that first contest was each QSO with fixed stations will count 1 point, contacts with other portables count 2 points, and DX contacts count 3 points. Multiply QSO points by the total number of ARRL sections, plus countries worked

September 1933 QST announced the winner of the 1st Annual Field Day was W4PAW. They made 62 QSOs and had 28 sections for a total of 1876 points.

You can read the original QST article by seeing the last two pages of this month's newsletter (pages 8-9).

**Spring 2016 issue of Radio Waves now available**

Debra Johnson, K1DMJ@arrl.org, ARRL Education Services Manager

The spring 2016 issue of Radio Waves has been posted. You'll find this issue and past issues on our website at: [www.arrl.org/radio-waves](http://www.arrl.org/radio-waves)

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## Community Contributions

Please submit your club or event's flyer to [ka8jmw@arrl.net](mailto:ka8jmw@arrl.net) to be included in the Section Newsletter.

### Tech Trek 2016

Jim KC7QY

Tech Trek is an exciting and engaging one-week summer camp for girls featuring hands-on science and technology classes. Tech Trek will be held on the NM Tech campus this month. The event is for girls entering 8th grade next fall. The Socorro Amateur Radio Club and the organizers are very excited about the ham radio demonstration as part of the after hours program. They are currently planning on having the after hours program Tuesday and Thursday evenings (June 21 and 23) for about 35 girls plus the adults. We could certainly use some help from anyone else interested in helping out. Previous events have been held at other NM campuses.

The classroom sessions during the day features a predominantly female staff and role models presenting. We are looking for help with the after hours program, particularly involvement from XYLs and YLs.

See the news clipping (right) and visit the website for more information.

<http://techtrek-nm.aauw.net/>

### Honoring a Legacy



Milt Jensen N5IA passed away June 9 due to a tower climbing accident. He was a huge fixture within the amateur radio community as well as an accomplished top band op, contester, DXer, DXpeditioner, mentor to many, architect of the multi-state Zia Link repeater system which predated the Mega Link, and so much more. New Mexico was proud to be home to such an energetic ham.

More about Milt can be learned at <http://www.arrl.org/news/well-known-dxer-dxpeditonier-milt-jensen-n5ia-dies-in-tower-fall> and from his QRZ page at <http://www.qrz.com/db/N5IA> Rest in peace, OM.

### Tech Trek summer camp comes to state for the third year

#### El Defensor Chieftain report

Tech Trek, an exciting week-long summer camp focused on Science, Technology, Engineering and Math (STEM) for 7th grade girls, is coming to the campus of New Mexico Tech in Socorro from June 19-25. Cherie Burch is the Camp Director.

Seventh-grade science and math teachers in New Mexico are encouraged to nominate up to five students for the program. The deadline for nominations is Jan. 31, 2016. After being nominated, students complete an application and interview process before final selections are made in early April. Cost for the camp is only \$50 per student as the program is funded by American Association of University Women, a national organization dedicated to empowering women and girls, as well as by New Mexico businesses and individuals.

The Tech Trek summer camp is sponsored by the AAUW, both nationally and in New Mexico.

It builds on AAUW's research report "Why So Few? Women in Science, Technology, Engineering and Math" which demonstrates that camps like

Tech Trek improve girls' interests in STEM. Girls benefit greatly from exposure to STEM role models, knowing that they, too, can excel in these fields.

Forty-eight to 60 girls will be chosen from across the state of New Mexico to attend the camp, where they will gain first-hand knowledge of real world applications of STEM, in a fun-filled, hands-on college environment. More information is located here: <http://TechTrek-NM.aauw.net>.

"The feedback we received from girls and their parents in the past two years has been overwhelmingly positive. AAUW-NM is proud to again offer Tech Trek NM, this year at New Mexico Tech.

This camp has the potential to lead girls into exciting and successful STEM careers," said Karyl Lyne, President of AAUW-NM.

Local community, corporate, personal and in-kind contributions are needed to make the camp a success.

Anyone wishing to support this exciting opportunity for local girls by contributing or volunteering, should contact the Tech Trek planning team at [techtrekNM@gmail.com](mailto:techtrekNM@gmail.com)



## *Duke City Hamfest* Albuquerque, New Mexico **ARRL New Mexico State Convention**



Operating on the HF bands—mysterious, challenging, expensive? There are lots of reasons many new, even some not so new, hams choose to avoid HF operations. Are you HF-adverse? If so, HF Academy will give you valuable insight into the why and how of HF radio. The HF Academy will open one of the most interesting, challenging, and fun aspects of the great hobby of ham radio.

Have you ever roused your spouse or friend from a sound sleep to tell him or her about the exciting contact you just made on a repeater? With few exceptions, probably not. Imagine what you might do and say after working an expedition to a rare island in the South Pacific, or one off the coast of Antarctica! On an expedition you might want to push your chair away from the operating position for a break after working 100 stations in an hour; yes, in just an hour! But you don't have to go any place more exotic than your own shack.

How about making contacts from coast-to-coast with just one Watt on JT65, an extraordinary digital mode, with a piece of wire strung between two trees? Some local hams do this almost every night and have logs full of similar contacts, all done without even being in front of the radio. HF operations open up an unlimited number of possibilities from antenna experiments to passing messages for a sailor broken down in his boat on a distant ocean. Come see what you are missing. Come to the HF Academy at the Duke City Hamfest.

HF Academy will run all day Friday, August 12. Instructors are long-licensed hams who know the great fun operating HF can bring to every ham, regardless of the mode. These veteran hams will help you discover the secrets that often prevent new hams from getting off the repeater and into the HF spectrum. Experienced fellow hams will be there to present concepts, show you practical means, and give live demonstrations of HF radio to open your eyes to a new and exciting world of fun.

If you have an HF rig with an appropriate interface, we'll show you how to connect it to a computer so you can digitally log your contacts. If you don't have an HF rig, come and we will tell you the information you need to get yourself a good one within your budget. We'll even point out good deals on HF rigs you could buy at the Hamfest.

Questions? Contact Bill Mader, K8TE, Chief Instructor, at [K8TE@ARRL.net](mailto:K8TE@ARRL.net) for answers or more information. **Pre-registration on the web site is necessary if you want to attend the HF Academy.** Go to the [Duke City Hamfest web site](#), register, and sign-up for the HF Academy. Don't wait! Sign up now and get ready to jump into HF with both feet.

### **HF Academy Planned Areas of Instruction**

- History of and Introduction to HF Operations
- HF Rigs: Models, Types, Costs
- Antennas and Propagation: Minimal to Maximum
- Operating Modes: SSB, CW, Digital
- Operating Activities
- Using a computer for HF communications
- Hands-On Demonstrations



sarily full voltage — on the amplifier and use a bias value which should give a reasonable amount of plate current. If the plate current seems higher than it should be, or if it changes when different parts of the circuit are touched with a finger, oscillations of some sort are being generated. A neon lamp will be useful. If no indications of oscillation are present, look somewhere else for the cause of the inefficiency, but if oscillations *do* exist the next step is to measure the frequency. An absorption wavemeter which will cover the range between 5 and 500 meters is exceedingly valuable and not at all difficult to make from a few odd coils and an old variable condenser. The exact frequency is unimportant; what we want to find out is whether it is ultra-high, high, or low. Once that is determined the circuit should be gone over with an eye to digging out possible combinations that could result in an oscillation of that frequency. Of course other varieties of parasitic circuits than the ones just discussed can exist, and probably do; the possibilities are not by any means exhausted. But half the battle is in locating the bug; afterwards some sort of corrective scheme always can be worked out.

Having encountered all the things outlined above in building neutralized amplifiers, we've prepared a list of don'ts which we are going to follow the next time we put one together. Here they are:

Don't use r.f. chokes in places where they are not needed. If it's a series-feed circuit there should be no r.f. at the "ground" end of the tank and a good-sized non-inductive by-pass condenser will tie it down to the filament very solidly. So why have a choke?

Don't use the same size of by-pass condenser in conjunction with chokes of identical characteristics associated with the plate and grid circuits of a single stage. Possibly other apparatus will detune one circuit sufficiently to prevent oscillation, but there is no need to borrow trouble. This applies particularly to those circuits which have series feed on both grid and plate sides.

Don't tap down on the exciter tank coil to feed the amplifier grid. Use a small coupling condenser and put it right on the plate end of the coil.

Don't have long leads from the amplifier tube to the tank condenser.

When we get this "don'ted" amplifier finished we'll be disappointed if some new variety of bug doesn't show us its teeth. That's what makes neutralized amplifiers interesting.

### Strays

W8BMF finds that antenna insulators make good winding forms for r.f. chokes. A choke suitable for the 3500- and 7000-kc. bands can be made by winding 45 turns of No. 24 in each groove of an insulator having four grooves.

### International Field Day— June 10th–11th

**C**LUBS, 56-mc. operators, *all* hams with licenses for portable stations, attention!! Starting Saturday at 4 p.m. local time (June 10th) and ending Sunday at 7 p.m. local time (June 11th), all U. S. A. and Canadian station owners are invited to schedule "field activities," excursions with concentrated operation of *portable* transmitters and receivers. Only portable stations, actually in the field, away from the "home" address are eligible to submit field day scores.

The object will be for each "portable" station to work as many other amateur stations as possible — each to count one point toward a score. *Any or all amateur frequency bands may be used*, voice or c.w. telegraph likewise. The "total" of such points may be multiplied by the number of A.R.R.L. Sections worked. Contact with another *portable* station at any point except its base, or home address, will "rate" double credit, or two (instead of one) points. Two-way work with a foreign station shall entitle the operator of the "portable" to triple credit, or three (instead of one) points, in addition to which each foreign country (prefix) may be added to the number of Sections to increase the "multiplier." The R.S.G.B., N.V.I.R. and R.B. are sponsors of similar national field days in Europe, and we hope this may assume an international complexion. All amateurs with licensed *portable* stations are invited to take part . . . each such station will please report its *power* and *frequency* band used, and its *log* of operation and *score* for the period given, within the week following the Field Day. Also, gang, don't forget to comply with F.R.C. regulations for portable station operation. Notify your Radio Supervisor of the approximate location and time of intended operation of the "portable" by postal or letter, just in advance of the "field" radio work. We shall be interested to know how many clubs plan outings, and also suggestions for a similar activity for 1934 (if you want one) will be welcomed.

Besides offering an opportunity to get out in the open in this fine spring weather, the real object of this contest is to test "portables" wherever they may be available. If successful we want to make it an annual affair.

— F. E. H.



# First Annual Field Day Report

THE first Field Day was pronounced an unqualified success, according to about 50 accounts of station participation received. The gang who took part are looking forward to more similar occasions for the practical testing of portable (potential emergency) equipment, combined with a good time for all.

Portables were operated from all conceivable locations, and on almost all amateur frequency bands. Maximum activity took place on the 7- and 3.5-mc. bands, with about  $\frac{1}{3}$  as much activity on 14 mc. and 56 mc., and with some scattered use of the 1.7-mc. band. In addition to power limitations (2 to 50 watts), participants reported insect and weather hazards. Suitcase rigs with but a single watt input were popular though some sets were "portable by truck" instead. Plate power was provided from B-bats, motor-car B-power packs, dynamotors, Diesel driven generators and filtered spark-coil step-up devices. The London Ontario club drove a 1200-volt machine (with fil. winding) from a 2-cylinder gas engine.

W4PAW, kept on the air continuously for the 27 hours of the test at Indian Rocks Beach, Fla. by six operators, ran up the most outstanding score and tops the list. W9ZZAL and operators of the Central Illinois Radio Club (40 watts on p.p. '10s) at Bloomington Ill. used 7 and 14 mc. and placed second. W2BPP, Boyd Phelps and YF, and Phil Jensen at Minneapolis won third honors using both 3.5 and 7 mc. and a 150 watt crystal job on roller castors made to fit a car trailer and constitute a radio central for smaller portables in emergency. The Astoria Amateur Radio League took W7BTT to the summit of Saddle Mountain, 6000 feet high. VE3JT and VE3GT "set up" 50 miles from Toronto between two elm trees using '71A and Utah car-pack. In spite of a sudden gale and YL QRM it was a successful location. W8HSG had a pile of fun from a camp on the Sandusky River. The Pike's Peak Amateur Radio Ass'n had W9LIJ on the peak (m.g. run from wheel of car) but the storage bats went dead. W2ZZDI-BNJ and W2EMQ took time out from the Field Day program to help the canoe regatta races by sending results and starting time over a distance of about  $\frac{1}{2}$  mile. A '71-A and 125 v. of B bats took care of the job nicely. DX operation was handicapped by overhanging Palisades cliffs. W1GFM on 56 mc. heard W2DVZ in the Catskills. Radloff, W9AIR, Program Director of the S.M.R.A. arranged a ham-fest at a gun club on Heron Lake with the coöperation of W9BNN-CKU-EYS. In commenting Rad says, "The Field Day activities were a real trial for portables. (And some portables are a trial for those who operate them . . . hi.) Too many stations are designed piecemeal, without

coördinating the receiver, transmitter and power supply. Often parts are weak or unwieldy in operation. Field Day activities served a good purpose by bringing out these weaknesses; better design will surely result. Many operators received benefit by observation and inspection of other portable sets, and constructive discussion."

So we believe that a forward looking step has been taken in inaugurating this annual affair. Of course many took part who did not report; nevertheless the results shown in the reports indicate the effort successful, both from the viewpoint that practical building and testing of emergency communication equipment was furthered, and

## FIELD-DAY PARTICIPATION

CLUB SCORES		Points for QSOs	Sect's and Foreign	Score
W9ZZAL	Central Illinois Radio Club	98	15	1470
VE3KC	London Amateur Radio Club	35	22	770
W8GDM	Buckeye Short Wave Radio Ass'n	37	12	444
(Plus W8ZZBJ 14 mc., W8IMC, and W8BZL 56 mc., 478)				
W5BXY	Abilene Radio Club	24	12	288
(W5BIB 1.7-3.9 mc. and W5AW, 378)				
W1FTS*	Hoosac Valley Radio Club	19	10	190
VF5RZ*	Victoria Short Wave Club	..	..	24
W9JGT	Southern Minnesota Radio Ass'n	5	4	20
(W9MKA, W9NKN and W9HXH, 22)				
W7BTT	Astoria Amateur Radio League	5	3	15
W9KWJ	Pikes Peak Radio Ass'n	..	..	4
OTHER LEADING SCORES				
W4PAW	W4AII-W4AZF-W4BOT-W4AWS- W4AJX-W4BOX	62	28	1876
W2BPP	Mr. Boyd Phelps and YF (7 and 3.5 mc.)	63	22	1386
W9LOV	W9HES-BFL-IHW (Pr. 46's on 7 and 14 mc.)	53	26	1378
W9NFV	W9AIW (50 watts on 7032 and 14064 kc.)	52	26	1352
W8IRR	('10 TNT, 22 watts on 7 mc.)	51	22	1122

W8HUC 819; VE3GT 663; W9MKI 612; W2FDC 462; W5CNX 418; W7AAL 418; W9ZZAP 340; W4PBL 228; W9ZZAO 210; W9BKJ 180; W4PAL 168; W6ZZAC 112; W5GI 102; W9NLC 100; W1EZH 78; W8HSG 68; W1FEH 52; W5CTZ 36; W6ZZCB 36; W1GFM 36; W1FRL 33; W6HTI 32; W6DQD 24; W1GSD 6; W2ZZDI 5; W1CJD 2; W3CVW 2.

\* Club stations. The call signal of the leading individual operator is otherwise listed, where several club member-stations were put on the air at a club outing.

from the standpoint that an enjoyable operating activity was made possible. There is hardly space for more than a résumé of the highlights here, but the enthusiasm greeting our first Field Day augurs well for future similar occasions. What shall we call our next Field Day to give it more of a "preparedness for emergency" significance? Suggestions will be welcomed. Bearing in mind that the new amateur station regulations make every licensee a potential operator of portable equipment, every amateur should now take steps to make himself ready to render constructive service in any time of emergency. Many portables will undoubtedly be ready to test before our next Field Day Emergency Test. Is your portable equipment independent of interruptions of power service? Are you ready for the next tests?

— F. E. H.