

K6MMM Field Day 2018

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photo: Gary K6PDL



SAT Station



Definition of “Long-Boom Yagi”...

“When it sags in the Middle” Photo: Gary K6PDL

SAT Station



John KJ6ZL digging for SAT QSOs.

Photo: Gary K6PDL

SAT Station



Like a Boss: Stay in the shade and kibbitz.

Photo: Gary K6PDL

SAT Station

John KJ6ZL comments:

I want to thank JV for coming up with a third yagi for 2 meters, as I started my assembly on Friday by stepping backward on my cross-yagi and breaking it's feedpoint badly. It was not 'fixable' at Field Day, but will take some effort at home. But JV had a third antenna, and we installed that and things worked great.

Also thanks to Kerry for the use of his trailer at the last minute. I was not able to get the horse trailer this year, but am hopeful for next year.

The Sat station worked great! And one of the students came by and took the mic and made a SERIES of contacts (not just one or two). He got on the air and called back to someone, got a response, and then found people calling back to him. We worked the whole pass together and it was a success.

Overall the Sat Station performance was very low in points... only 34 contacts... We were not in the right place a lot of the time it seemed, as there were multiple Sat passes taking place simultaneously, and perhaps we chose the wrong one. We did a number of passes where we heard ourselves clearly and no one else. That happened **THREE DIFFERENT TIMES** when I had people come by and want to listen to the activity. It was kinda embarrassing...

I setup an external speaker outside the trailer, so people hear the full conversation (full-duplex, so they could hear me talking as well as the other station answering). That appeared to work quite well this year. As I finished a pass people all said they heard the whole thing clearly, so I will plan to do that again next year.

SAT Station

John KJ6ZL:

QRM + QSB,

Changing Doppler Shift,

What frequency within the
passband?

SAT pass only 10 minutes

photo: Ron K6EXT



GOTA Station

Old GOTA trailer crunched...

Rebuild not finished on time...

Tent was too hot and too bright.

40m Inverted-V worked OK.



Don K6GHA coaching photo: Ray W6LPW

GOTA Station

Grandson of Frank N6FW makes 6 QSOs.

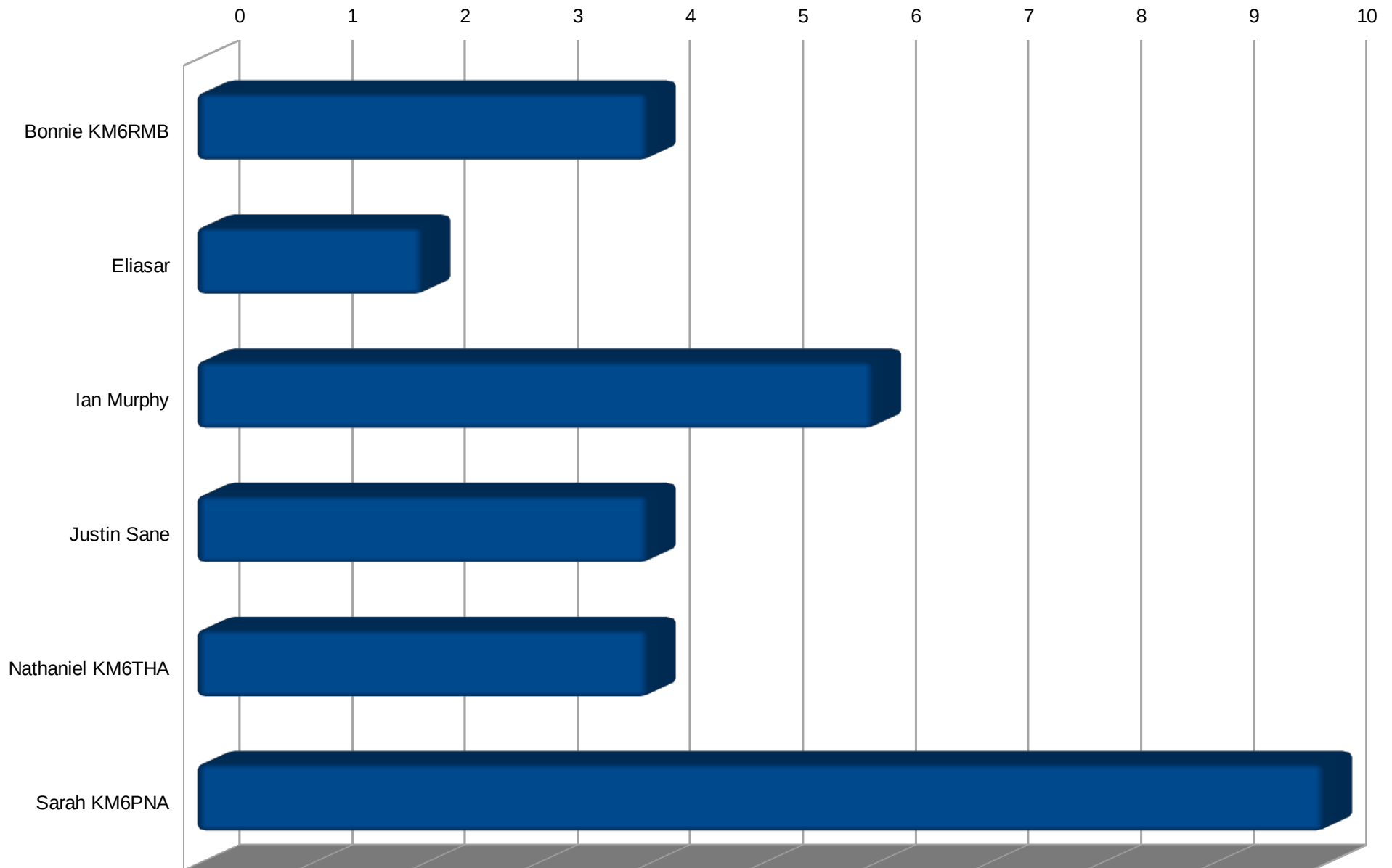


Ray W6LPW coaching Ian
photo: Lisa Wyatt

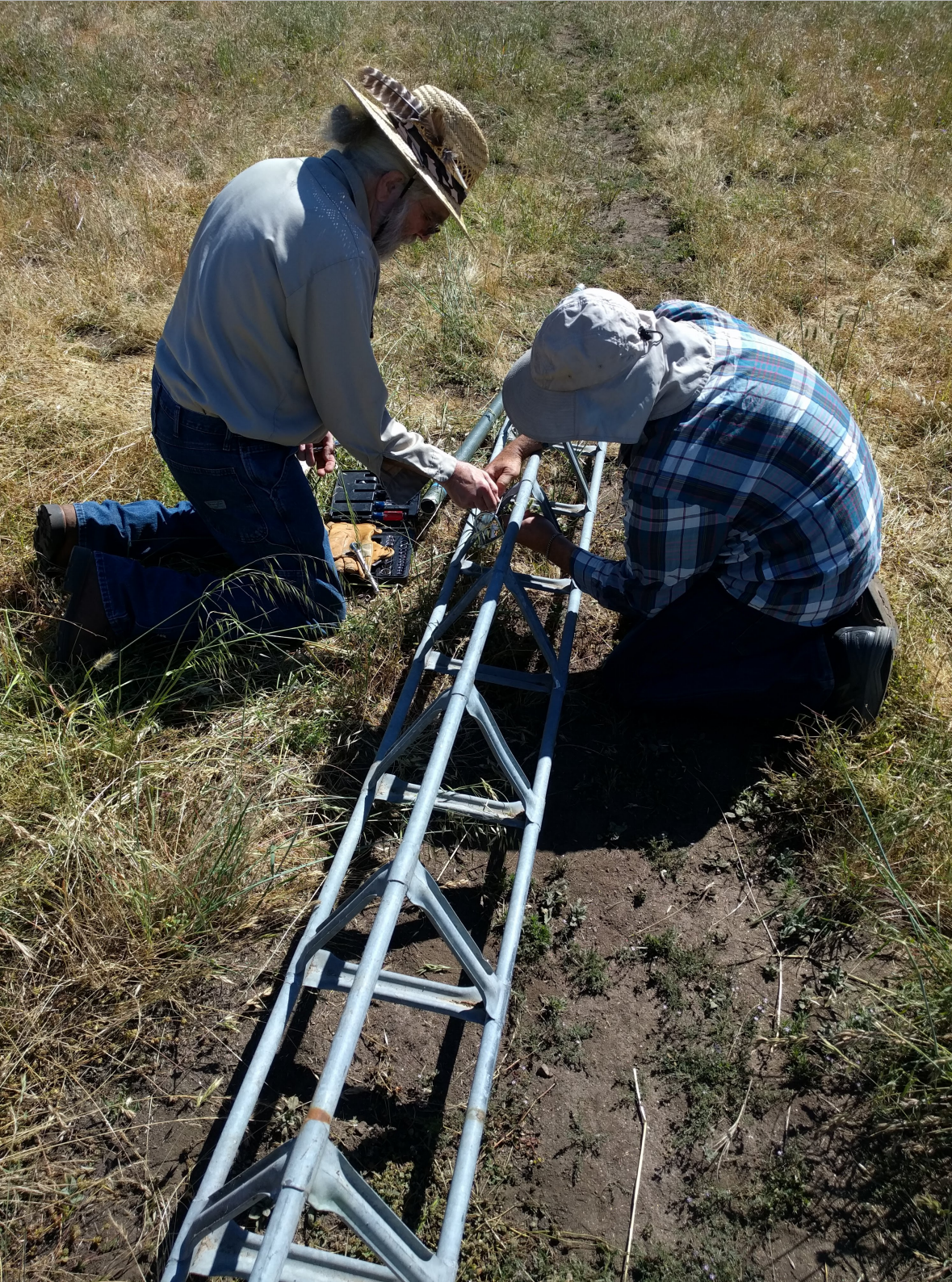


Ian and Julie KC6DLE
photo: Lisa Wyatt

30 GOTA QSO



SSB Station



Tom W6TJK and John N5HPB,
working with small parts,
in the hot Sun.

Photo: Gary K6PDL

SSB Station



Richard K8SQB preparing the Falling-Derrick.

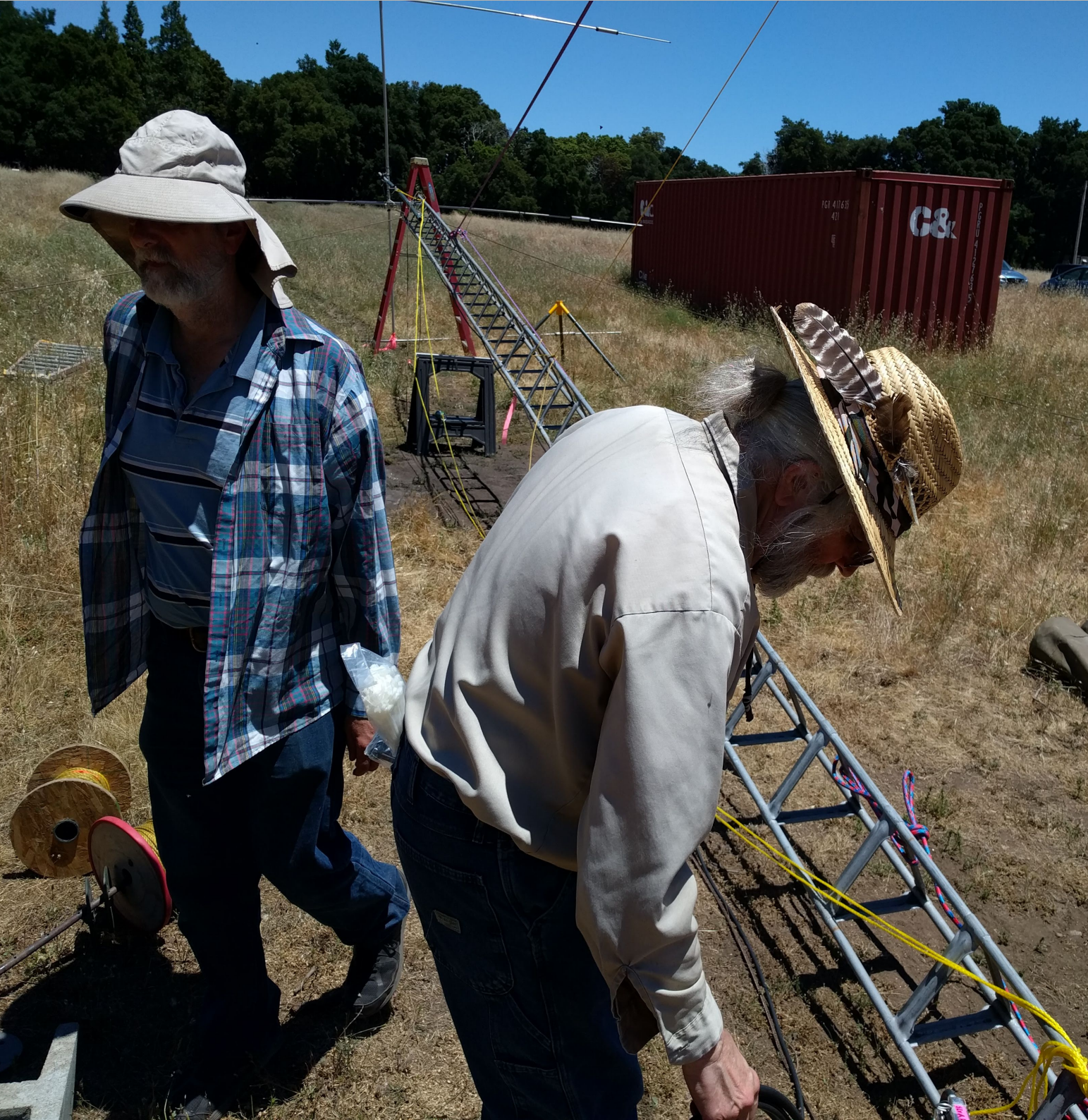
Photo: Gary K6PDL

SSB Station

Close to first
raising.

John N5HPB and
Tom W6TJK, are
par-boiled.

Photo: Gary
K6PDL



SSB Station



Finally! Too bad it had to go up and down twice.

Photo: John KJ6WKT

SSB Station



Ian Wyatt listens to SSB action.

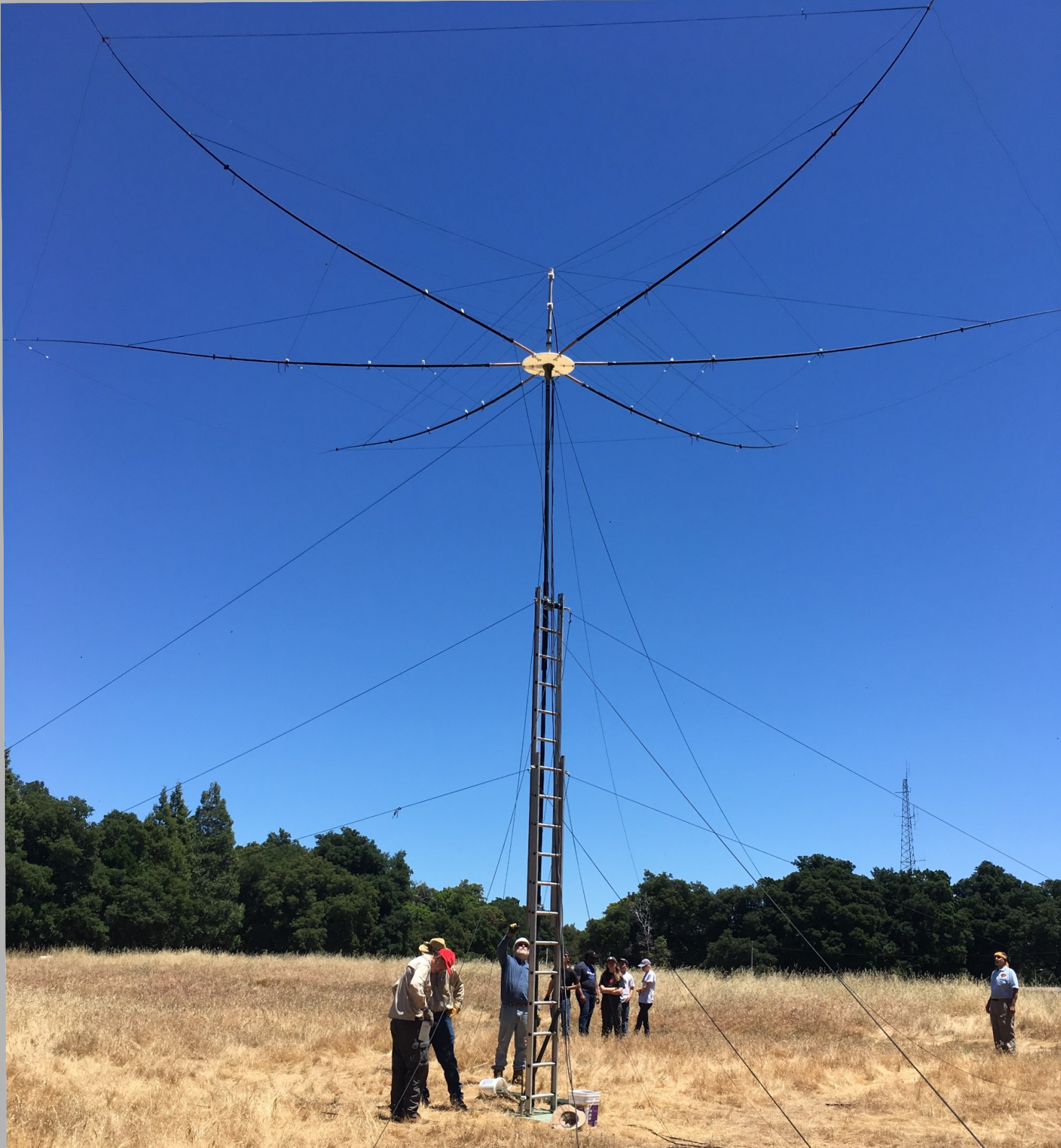
Look of intense interest, or deep boredom?

Photo: Lisa Wyatt

CW Station

10, 15, 20, 40m
Hexbeam flies again!

Photo: John KJ6WKT



CW Station



Next year, please take photo while computer screens are lit up.

Photo: Ron K6EXT

Digital Station



Natalie KO2V and Kerry K3RRY preparing the Falling-Derrick.

Photo: John KJ6WKT

Digital Station



Kerry, are all the elements supposed to be horizontal?

Photo: Ron K6EXT

Digital Station



UCSC hams Alec KM6BII and Alejandra making Digital QSOs.

Photo: Ron K6EXT

Food

Some hams come just for the smorgasbord.

Photo: Ron K6EXT



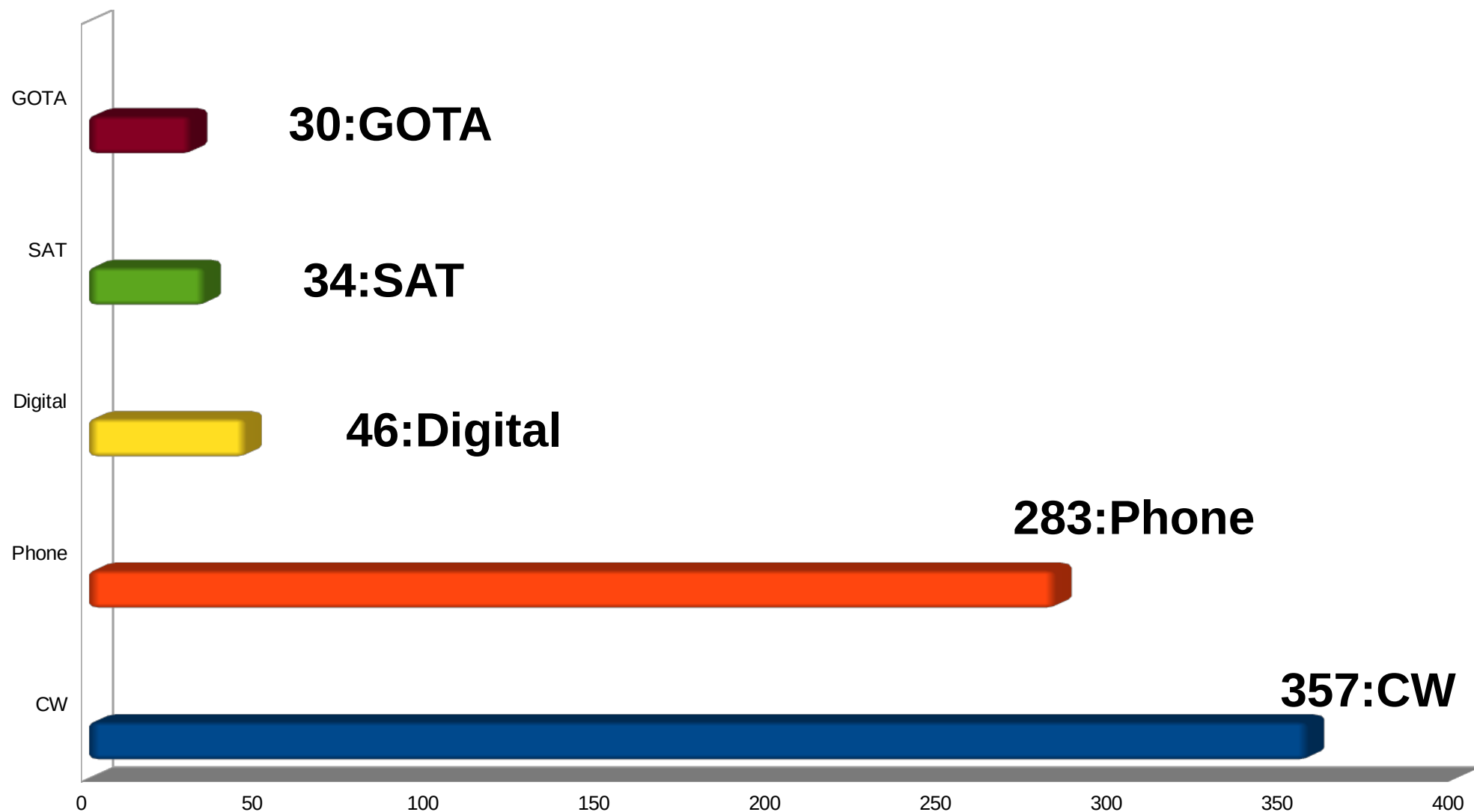
Food



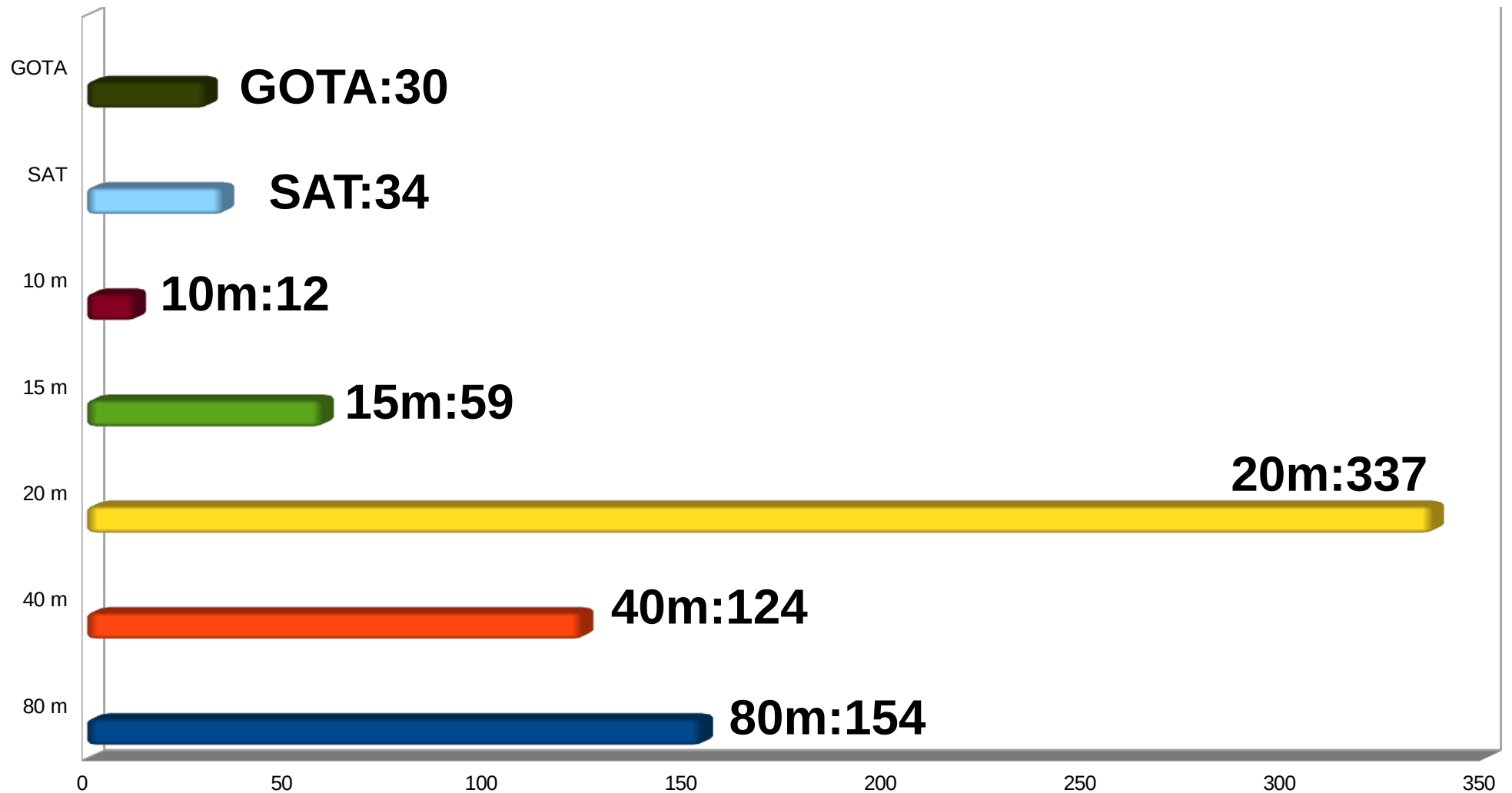
Angela KM6BHX and Becky KI6TKB.

Photo: Ron K6EXT

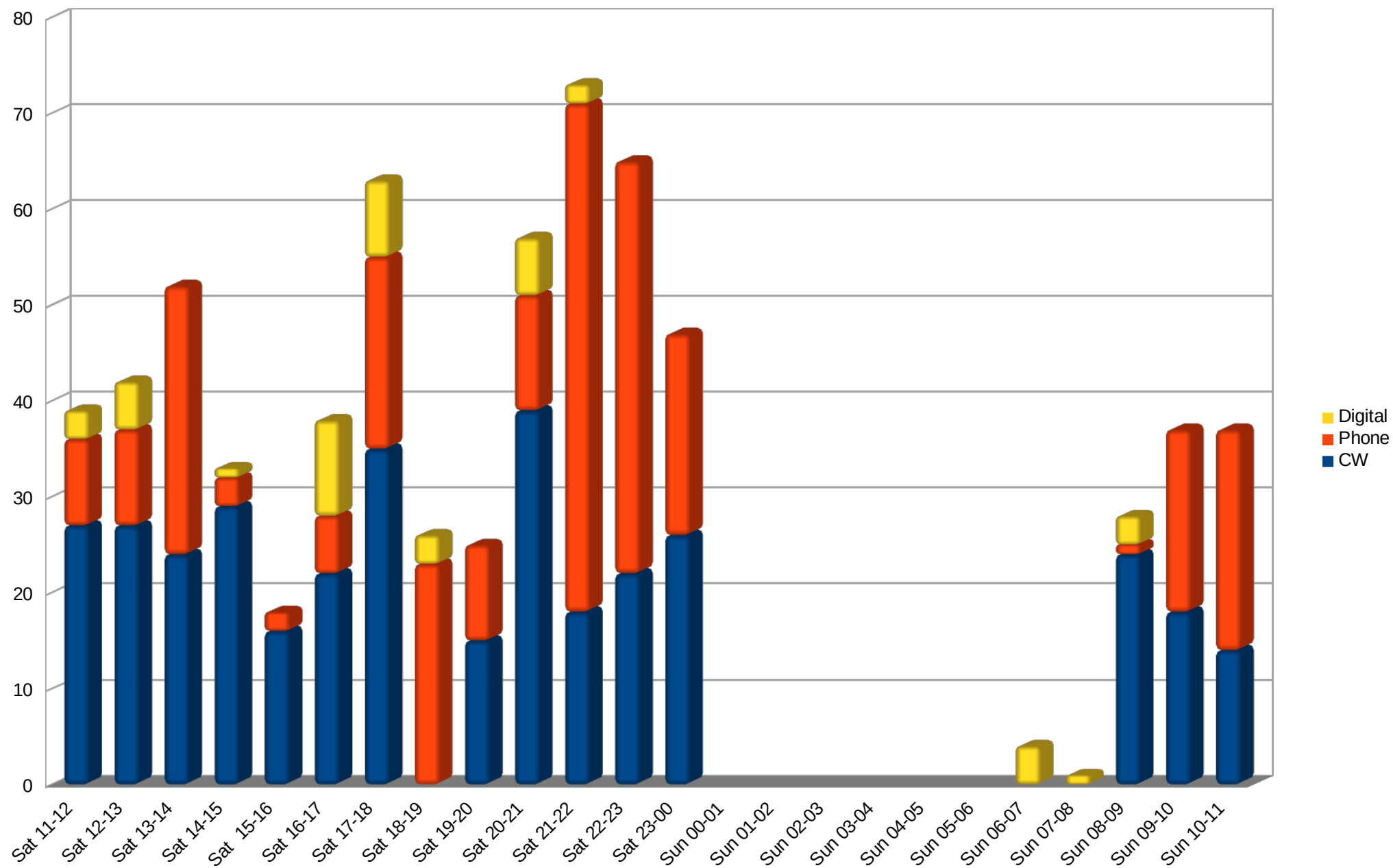
750 QSO by mode



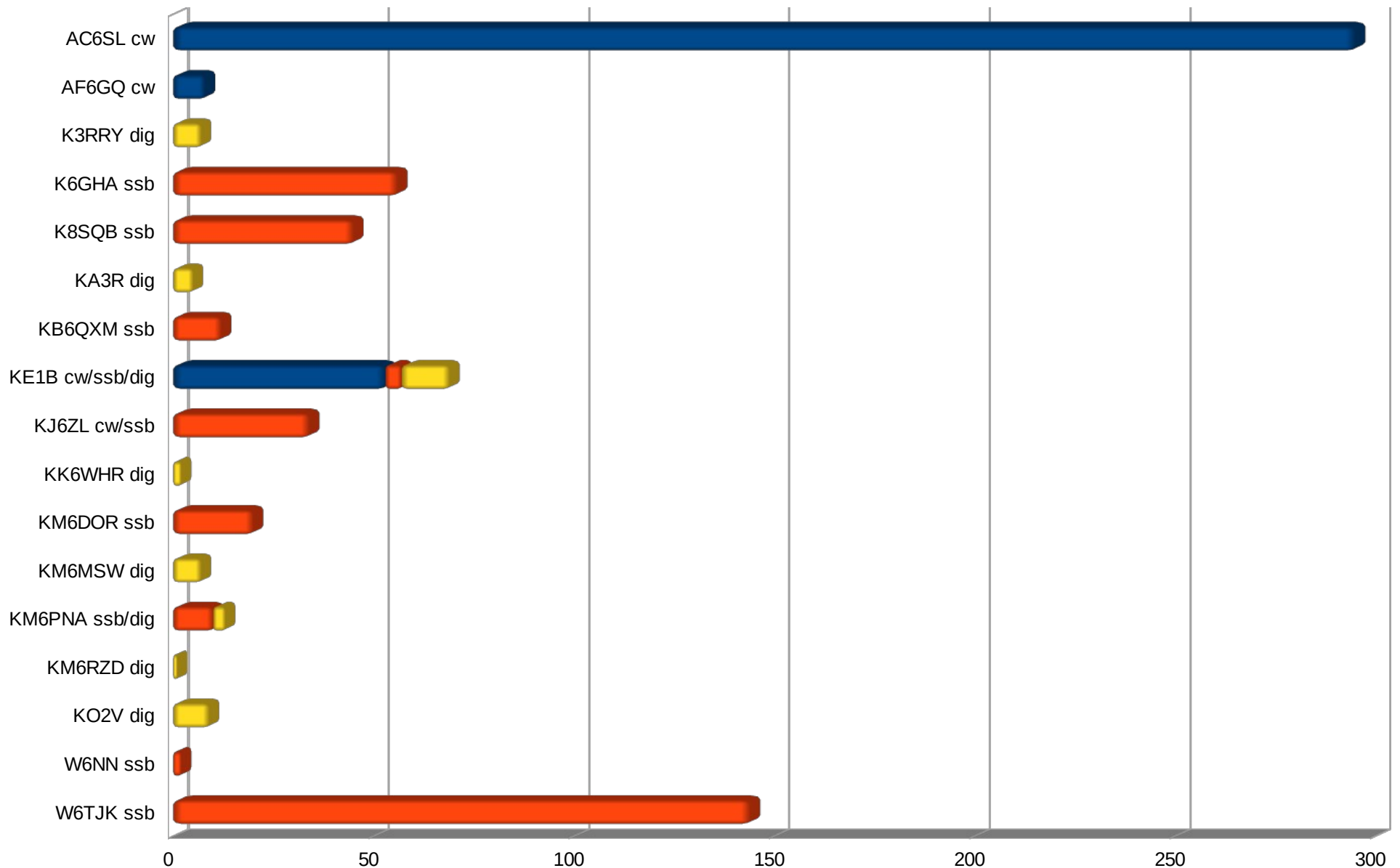
750 QSO by band



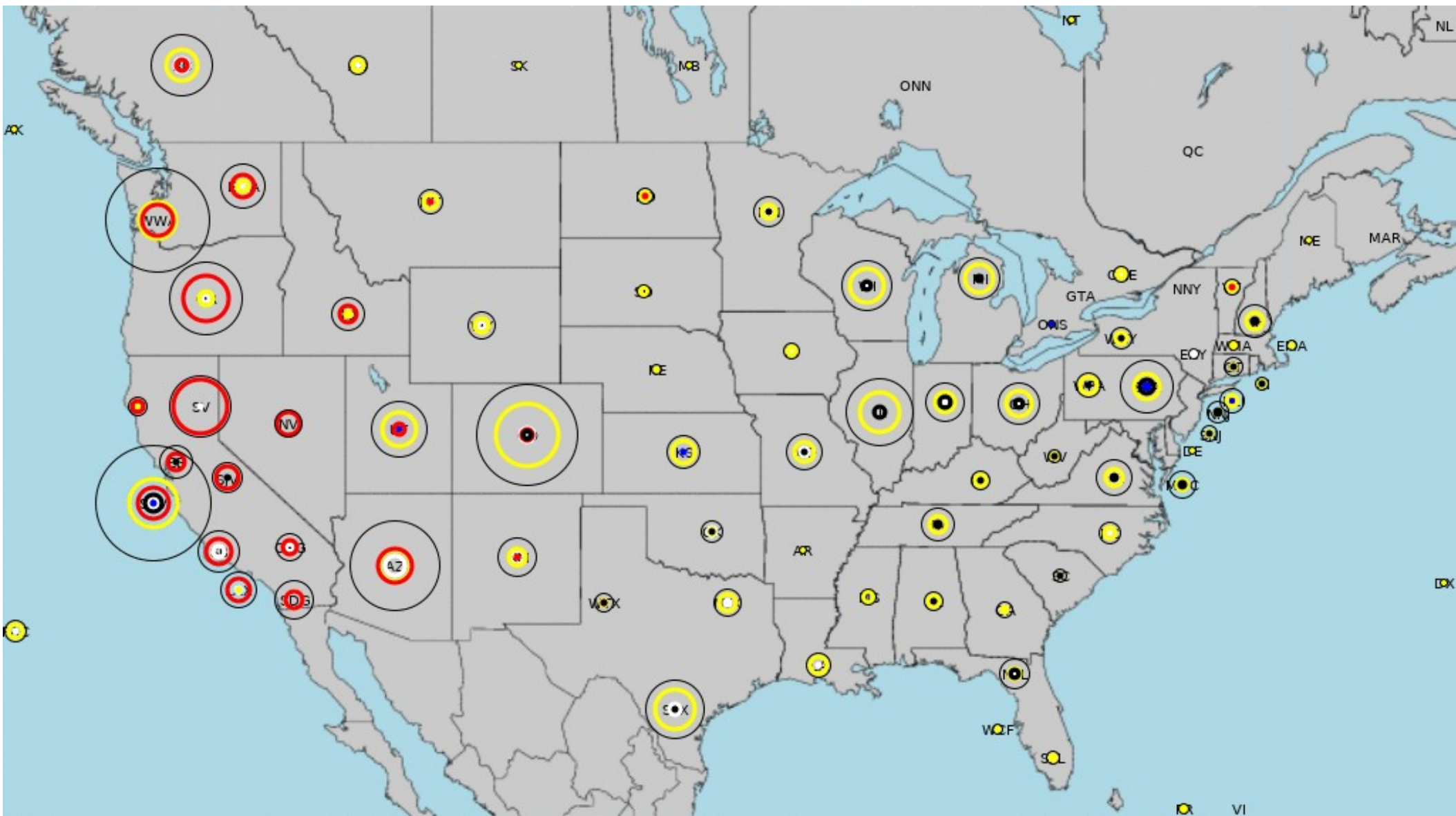
685 QSO by hour



730 QSO by OP/mode



K6MMM Field Day 2018



CW — — — — —

SSB —————

Digital —————

80m

40m

20m

15m

10m

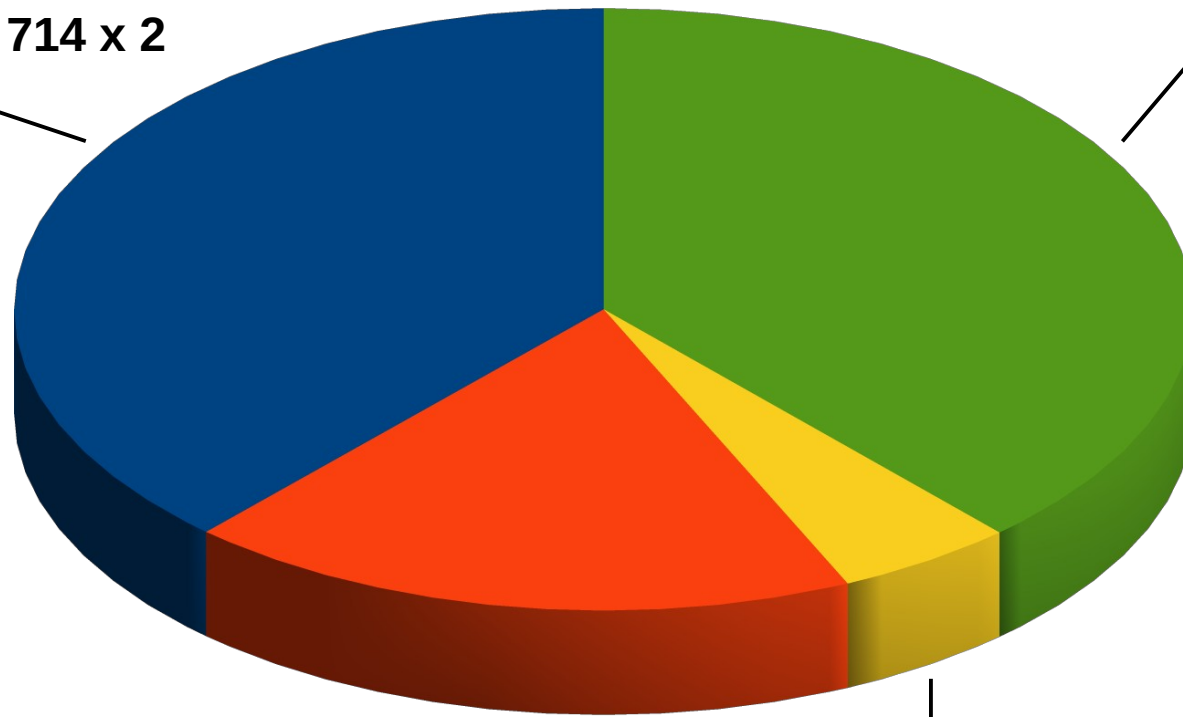
FD Score 2018 = 3736

Call Used: K6MMM GOTA Station Call: N6OTA ARRL/RAC Section: SCV Class: 3A

Participants: 68 Power Source(s): Generator Power Multiplier: 2X

Bonus Points	1430
Emerg Pwr	300
Publicity	100
Info Table	100
NTS Msg	100
W1AW Msg	100
Formal Msg	100
SAT QSO	100
Elected Official	100
Served Agency	100
Youth	80
GOTA	0
Web Submit	50
Social Media	100
Safety	100

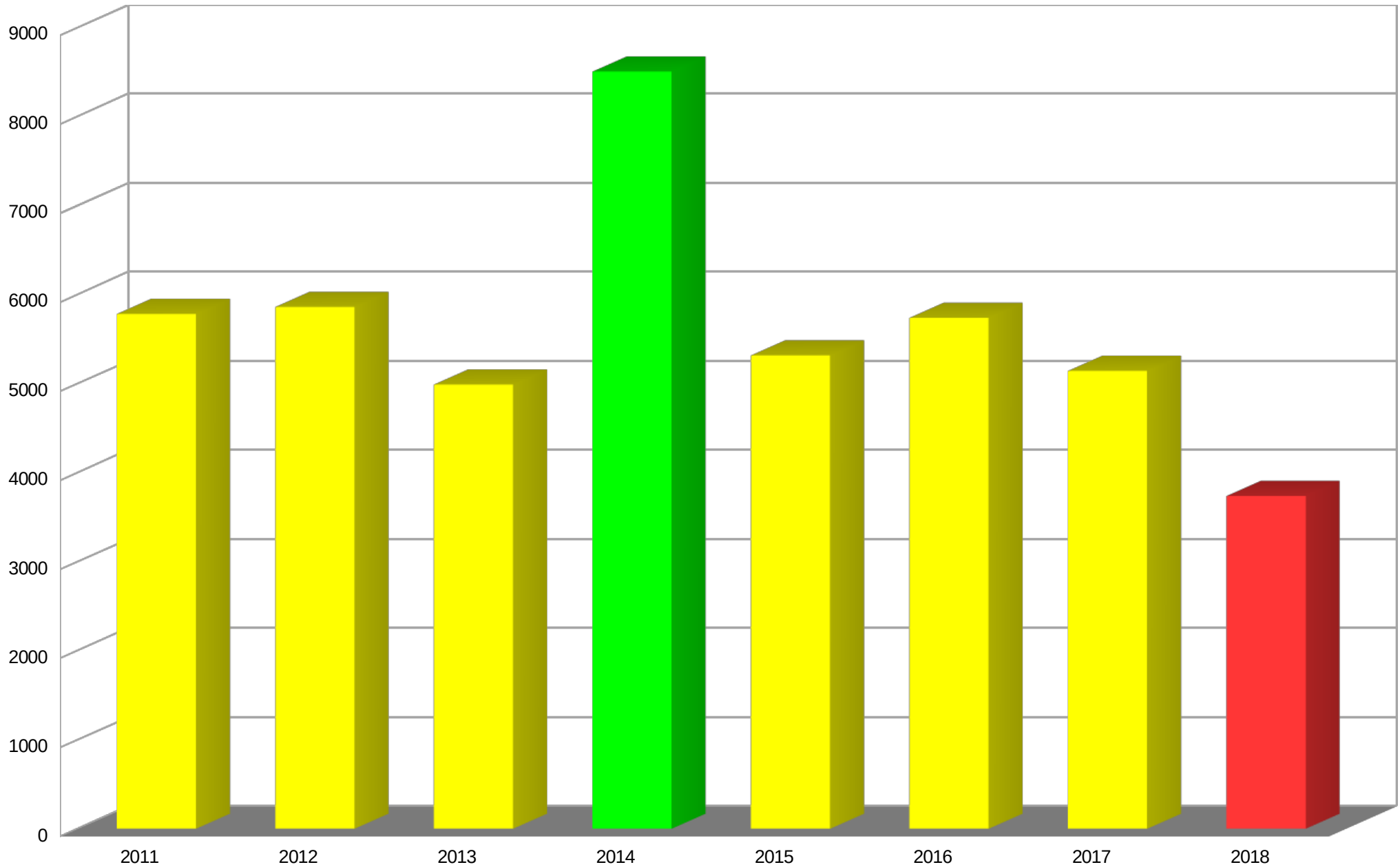
357 CW = 714 x 2



347 SSB = 347 x 2

46 Digital = 92 x 2

FD Score by Year



Field Day 2018

Things that went well:

Becky KI6TKB did a great job with food.
UCSC hams captained the Digital Station.
"Falling Derrick" towers for SSB and Digital.
Survived high temperature on Friday.

Things to improve:

Raise the antennas once, not twice.
Phone station: 40m antenna
CW station: 80m antenna
Digital station: more QSOs
GOTA station: improve shelter
Take more and better pictures.



Becky KI6TKB carving tri-tip
photo: Ray W6LPW

Field Day 2018: "Hams Horsing Around"

Field Day Station at the Santa Cruz County Horseman's Association Show Grounds.

Class 1BB2 Donald AE6RF and Hap KQ6YV

A very casual Field Day operation while supporting Charlie KJ6BNO at a two-day horse gymkhana (barrel racing) event.

Elecraft KX3 with internal batteries (went through about 7 sets during the weekend)

Field Day homebrew dipoles and end-fed dipoles.

Best contacts were Florida, Hawaii and British Columbia.

CW QSOs: 24, 5X QRP	240
100% Emergency power	100
Submitted via the Web	50

Claimed Score	390

Very 73 de Donald AE6RF

Field Day 2018: "Hams Horsing Around"



“Press Banner” July 6, 2018

CERT and ARES Teams Practice Disaster Help



Photo courtesy of Jim Nelson

By Jim Nelson

Fun, training and ham radio mixed at Skypark on Saturday as the Scotts Valley and Branciforte Community Emergency Response Team and the San Lorenzo Valley Amateur Radio Emergency Service demonstrated for the public some of what they would be doing in an actual disaster situation. Ham radio operators quickly set up a temporary station for Field Day weekend, an annual activity where hams around the country set up the kind of stations they would be using in the field in case of disaster to provide emergency communications. In this instance, it was just fun practice, including using solar panels and batteries to power their radios and make contacts with other Field Day stations up and down the west coast.

They built their small antenna from PVC pipe and copper wire, just as they might have to improvise when a real disaster hits someday. CERT members practiced using a process called ‘cribbing’ to safely raise a fallen wall pinning an earthquake survivor. Positioning boards carefully to control levering up a practice wall loaded with a basket full of heavy boulders, the team successfully raised the wall far enough to safely extract someone who might have been lying injured underneath. Next the team looked at pictures of actual accident and disaster scenes to learn how to size up the situations and plan their responses. Their guiding acronym is CAN – determining the Conditions, deciding what Actions would be most appropriate and listing what was Needed to carry out the plan. People strolling past the CERT and ARES teams talked with other team members and got information about emergency preparedness and amateur radio. A good BBQ lunch kept everyone going and grinning. CERT teams are ‘neighbors helping neighbors’ trained to help when a disaster overloads the local first responders. The Scotts Valley and Branciforte CERT Team meets monthly on the second Wednesday at the Scotts Valley Fire Erba Lane station’s training room, 7-9 pm. Any interested person is welcome to attend. ARES provides communications in disasters when normal communication channels are overloaded or non-functional. San Lorenzo Valley ARES meets monthly on the third Wednesday at Felton Calfire. More information can be found at santacruzcountycert.org and <http://ares.santa-cruz.ca.us>.

K6MMM Field Day 2019, R U READY?

Fire Chief

Field Day Chief



photo: Anna W6NN

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