



N.E.W.S. LETTER

The Official Publication of the North East Weak Signal Group – [N.E.W.S. - Home \(newsvhf.com\)](http://newsvhf.com)

Sept. 2025

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Issue 5

September 2025

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DON'T FORGET

**The North East Weak Signal Group 2 Meter Net
Every Thursday at 8:30 PM local 144.250 MHz W1VD**

MEMBERSHIP in the N.E.W.S Group is \$10 per 2 years.

Apply to George Collins, KC1V. E-mail: news.kc1v@gmail.com.

You may download an application from our web page: <http://www.newsvhf.com>

The N.E.W.S. LETTER is the publication of the North East Weak Signal Group.
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Send articles by e-mail to Don W1FKF at donw1fkf-news@yahoo.com.

REMINDER: 222 MHz Activity Night Tuesdays 7 to 11 PM

Wed Nights 8:30 pm - 432MHz K1FMS (N1DPM)

8:00 - 432.100 8:30 - 432.150 MHz

Weekly Calendar

Mon. Packrats Nets start at 7:30pm on 6 meters, 8 pm on 144.150, etc. Philadelphia area.
Tues. Mud Toads Net FM 17, Virginia 8 pm 144.250
Tues. Activity Night 7:00pm 222.100 K1WHS +
Weds Activity Night 8:30pm 432 150 K1FMS (N1DPM) +
Thurs. NEWS net, 8:30pm 144.250 W1VD +
Sat. Chesapeake Net 144.205 W3BFC FM28 9 pm
144.205 Mornings 8:30-9:30 AM -- 144.205 , 144.190, ME, Canada to NC and out to OH, WV

Officers:

President Dick Frey, W2AAU, Delanson, NY
Vice Pres. Eric Mazur, KA1SUN, Savoy, MA

Treasurer George Collins, KC1V, Somers, CT
Secretary Paul Wade, W1GHZ, Cabot, VT

NEWSLetter Editor Don Twombly, W1FKF
Loudon, NH

Board Of Directors:

Tom Cefalo W1EX N Reading MA
Tom Williams WA1MBA Orleans, MA
Bob Bownes KI2L, Troy, NY
Mark Casey K1MAP, Hampden, MA

Secretaries REPORT

Called to Order by President W2AAU at 1310
7-12-2025

OLD BUSINESS

Membership renewals are over do.. New Year January

NEW BUSINESS

Permits for Mt. Wachusett 10GHz and Up contest
and 222 MHz and Up contest are available from
WA1MBA

tomw@wa1mba.org

K2DLL beacons will move to W2AAU tower

ANNOUNCEMENTS

Eastern VHF/UHF/Microwave Conference date
for 2026 is April 24-26

Adjourn 1322

_Calendar

Aug. 16-18 Sat/Sun – ARRL 10GHz and UP first weekend

Sept 13-15 2 pm Sat/Sun. — ARRL VHF Contest

Sept 20-22 Sat/Sun — ARRL 10 GHz and up-
-second weekend

Sept 27, Sat. 1 pm, NEWS Meeting, Storrs
Library, 693 Longmeadow St,
Longmeadow, MA,

Premeeting lunch 11 am at Lulu's Rest., Rt 190,
Enfield, CT.

Oct. 3-4 Friday & Sat -- Nearfest , New Boston,
NH , Hillsborough County 4H Fairgrounds

October 17-18, 2025 Microwave Update

Nov. 22 , Sat. 1 pm --- NEWS Meeting, Storrs
Library, 693 Longmeadow St,
Longmeadow, MA,
Premeeting lunch 11 am at Lulu's Rest. Rt. 190,
Enfield, CT

Jan. 3, 2026, Sat 1 pm — NEWS Meeting, Storrs
Library, 693 Longmeadow St,

Longmeadow, MA, Premeeting lunch 11 am at
Lulu's Rest. Rt. 190, Enfield, CT

Mark K1MAP

Treasurer's Report August 21, 2025

Balance, Last Report 6-4-2025: \$2780.34

Income:

Dues: \$170.00

Expenses:

PayPal Fees: (\$0.84)

Current Balance 8-21-2025: \$2949.50

Current Paid Members:

We had 16 renewals during this reporting period:

There were three new members: K8ZR Tony, N2MG Mike and W1JA John.

The membership totals are:

117 Regular

3 Life

11 Permanent

1 Courtesy

Submitted August 21, 2025

George Collins, KC1V

Treasurer, North East Weak Signal Group

...
...
...
...
...
...

.....
BOARD MEETING September 27, 2025 (all are welcome)

11:15 AM at Lulu's,

151 Hazard Ave. Enfield, CT Phone: (860) 763-2377

I-91 Exit 47 Rt. 190E 1 Mile on Left

<http://luluspizzeria.com>

GENERAL MEETING

September 27, 2025

STORRS LIBRARY

And ZOOM

from 1 PM to approximately 3:45 PM.

Longmeadow St, Longmeadow, MA 01106

<https://longmeadowlibrary.org/>

Action Item

Volunteers needed for Eastern VHF/UHF/Microwave Conference

Mark, K1MAP, and I, W1GHZ, have been conference co-chairs since Bruce, N2LIV, had to give it up. Probably twenty years or more. This year was the 48th conference. In 2027, we will have the 50th Conference and I will be 80 years old, so I think that is time to retire. Mark is willing to continue.

Mark has been making all the arrangements: hotel, dinner, flea market, and more. I do the program, speakers, MC, website updated, and also store and deliver the AV equipment.

The other important job, procuring and organizing prizes, has been well handled by Mickey, W1MKY, Lanette, KA1NKD, and Don, W1FKF, as you have probably been aware.

Many NEWS members have volunteered at previous conferences.

For instance, Mike, N1JEZ, and Ray, WA1CYB, have set up and operated the AV equipment, Greg, WA1VUG, has been an essential contributor, bringing that fantastic Rohde & Schwarz equipment for the Test Lab and others have manned the registration table.

What will be needed is a new **co-chair** person, or more than one person -- the tasks can be split up to lighten the load.

Ideally, a volunteer or two for 2026 could work with me to understand what is involved and probably improve the process.

73,

paul W1GHZ

w1ghz.arrl@gmail.com



Minimum Discernable Signal Testing
July 12, 2025 NEWS GROUP PICNIC and ANNUAL
METTING

Tom Williams WA1MBA



The MDS testing at the annual meeting & picnic this year was fun and work as usual. I didn't run into any equipment or operator problems, so that part went well.

I want to thank Brian N1FIY, Bob KB1QV and Lanette KA1NKD for all their help in setting up, operation and tear-down. Don W1FKF was helpful in keeping things moving along and asking me the right questions.

Again, this year many radios were tied or nearly tied on each band for most sensitivity. Our test does not measure the mathematically defined MDS because we also rely on the operator to determine when he/she loses the signal, and all our ears are different. People have described this quality as the trained ear's ability to narrow the effective bandwidth. The MDS we measure is the "radio with operator" MDS.

As usual we also measured the "key down" relative power (called TX in the tables) at the remote site. No hearing comes into play with this as it is just the IF power reported by a TinySA. The signals do jump around a bit, so we tried to take the best/strongest of the signals when they were jumpy. My best guess is that these values were within about 1 dB of "correct" given the situation.

We couldn't get a signal to K1OR on 78 that he could hear, so because John knew his radio was working from making QSOs, after a while we decided to quit trying, not knowing if there was a problem with the testing system. His was the only 78 GHz radio at the picnic.

Also, last year we tried to measure the uniformity of the signal strength across the pavilion. Plans were made to do that again with more precision but we ran out of time. Perhaps next year.

MDS TESTING JULY 12, 2025. NEWS GROUP PICNIC. DATA AS RECORDED								
	<u>Call</u>	<u>Dish Type</u>	<u>Dish Size</u>	<u>Power</u>	<u>MDS</u>	<u>TX</u>	<u>Comment</u>	<u>BAND</u>
		Prime, Offset, Cassegrain, Horn, Panel	Projected Diameter Inches		Lower (more negative) =Better	Higher (less Negative) =Better	Baseline added into MDS	<u>GHz</u>
					Below Baseline		Baseline -60	
1	K12L	Prime	24"	0.5 W	-27	-41.7		10
2	KG6CIH	Offset	18"	~5W	-16	-34		10
3	AF1T	Prime	24"	10W	-34	-22.7		10
4	W1FKF	Panel	12"	0.350 W	-23	-44.2		10
5	KA1OJ	Panel	12"	3W	-10	-		10
6	KA1LEX	Prime	24"	6W	-30	-24.7		10
7	W1GHZ	Offset	18"	3W	-23	-27.2		10
8	W1AIM	Offset	24"	4W	-27	-29.7		10
9	KA1SUN	Prime	24"	1-2W	-27	-31.2		10
10	K2AEP	Offset	22"	0.110 W	-29	-41.7		10
11	WZ1V	Offset	18"	2W	-29	-27.7		10
12	N1ROZ	Prime	24"	5W	-23	-39.7		10
13	KC0IYT	Offset	18"	8W	-13	-33.2		10
14	KC0IYT	Offset	18"	8W	-	-34.2		10
15	KC0IYT	Offset	18"	0.010 W	-	-		10
16	K1OR	Offset	20"	6W	-36	-24.7		10
17	K1FMS	Offset	18"	2W	-6	-26		10
					Below Baseline		-50 but reported Baseline = 0	
1	K1FMS	Offset	18"	2W	-70	-48.2		24
2	K1OR	Offset	20"	2 W	-73	-42.7		24
3	KA1OJ	Offset	18"	Mixer	-56	-		24
4	KC0IYT	Offset	18"	2W	-63	-55.7		24
5	KG6CIH	Prime	15"	2W	-50	-70.2		24
6	W1GHZ	Offset	18"	2W	-68	-51.2		24
					Below Baseline		-40 but reported Baseline = 0	
1	K1OR	Cassegrain	12"	0.073 W	-62	-80.7		47
2	AF1T	Prime	12"	0.030 W	-63	-69.7		47
3	K1FMS	Prime	12"	0.040 W	-55	-64.2		47
4	KA1OJ	Prime	12"	0.060 W	-55	-75.5		47
					Below Baseline		Baseline = 0	
1	K1OR	Cassegrain	12"	0.100 W	-	-	-	78



TABLE BELOW IS ALL BANDS, EACH SORTED BY MDS, MOST SENSITIVE FIRST

<u>Call</u>	<u>Dish Type</u>	<u>Dish Size</u>	<u>Power</u>	<u>MDS</u>	<u>TX</u>	<u>Comment</u>	<u>BAND</u>
K1OR	Offset	20"	6W	-36	-24.7		10
AF1T	Prime	24"	10W	-34	-22.7		10
KA1LEX	Prime	24"	6W	-30	-24.7		10
K2AEP	Offset	22"	0.110 W	-29	-41.7		10
WZ1V	Offset	18"	2W	-29	-27.7		10
K12L	Prime	24"	0.5 W	-27	-41.7		10
W1AIM	Offset	24"	4W	-27	-29.7		10
KA1SUN	Prime	24"	1-2W	-27	-31.2		10
W1FKF	Panel	12"	0.350 W	-23	-44.2		10
W1GHZ	Offset	18"	3W	-23	-27.2		10
N1ROZ	Prime	24"	5W	-23	-39.7		10
KG6CIH	Offset	18"	~5W	-16	-34		10
KC0IYT	Offset	18"	8W	-13	-33.2		10
KA1OJ	Panel	12"	3W	-10	-		10
K1FMS	Offset	18"	2W	-6	-26		10
KC0IYT	Offset	18"	8W	-	-34.2		10
KC0IYT	Offset	18"	0.010 W	-	-		10

<u>Call</u>	<u>Dish Type</u>	<u>Dish Size</u>	<u>Power</u>	<u>MDS</u>	<u>TX</u>	<u>Comment</u>	<u>BAND</u>
K1OR	Offset	20"	2 W	-73	-42.7		24
K1FMS	Offset	18"	2W	-70	-48.2		24
W1GHZ	Offset	18"	2W	-68	-51.2		24
KC0IYT	Offset	18"	2W	-63	-55.7		24
KA1OJ	Offset	18"	Mixer	-56	-		24
KG6CIH	Prime	15"	2W	-50	-70.2		24

<u>Call</u>	<u>Dish Type</u>	<u>Dish Size</u>	<u>Power</u>	<u>MDS</u>	<u>TX</u>	<u>Comment</u>	<u>BAND</u>
AF1T	Prime	12"	0.030 W	-63	-69.7		47
K1OR	Cassegrain	12"	0.073 W	-62	-80.7		47
K1FMS	Prime	12"	0.040 W	-55	-64.2		47
KA1OJ	Prime	12"	0.060 W	-55	-75.5		47

<u>Call</u>	<u>Dish Type</u>	<u>Dish Size</u>	<u>Power</u>	<u>MDS</u>	<u>TX</u>	<u>Comment</u>	<u>BAND</u>
K1OR	Cassegrain	12"	0.100 W	-	-	-	78



TABLE BELOW IS ALL BANDS, EACH SORTED BY TX, STRONGEST FIRST

<u>Call</u>	<u>Dish Type</u>	<u>Dish Size</u>	<u>Power</u>	<u>MDS</u>	<u>TX</u>	<u>Comment</u>	<u>BAND</u>
AF1T	Prime	24"	10W	-34	-22.7		10
K1OR	Offset	20"	6W	-36	-24.7		10
KA1LEX	Prime	24"	6W	-30	-24.7		10
K1FMS	Offset	18"	2W	-6	-26		10
W1GHZ	Offset	18"	3W	-23	-27.2		10
WZ1V	Offset	18"	2W	-29	-27.7		10
W1AIM	Offset	24"	4W	-27	-29.7		10
KA1SUN	Prime	24"	1-2W	-27	-31.2		10
KC0IYT	Offset	18"	8W	-13	-33.2		10
KG6CIH	Offset	18"	~5W	-16	-34		10
KC0IYT	Offset	18"	8W	-	-34.2		10
N1ROZ	Prime	24"	5W	-23	-39.7		10
K2AEP	Offset	22"	0.110 W	-29	-41.7		10
K12L	Prime	24"	0.5 W	-27	-41.7		10
W1FKF	Panel	12"	0.350 W	-23	-44.2		10
KA1OJ	Panel	12"	3W	-10	-		10
KC0IYT	Offset	18"	0.010 W	-	-		10

<u>Call</u>	<u>Dish Type</u>	<u>Dish Size</u>	<u>Power</u>	<u>MDS</u>	<u>TX</u>	<u>Comment</u>	<u>BAND</u>
K1OR	Offset	20"	2 W	-73	-42.7		24
K1FMS	Offset	18"	2W	-70	-48.2		24
W1GHZ	Offset	18"	2W	-68	-51.2		24
KC0IYT	Offset	18"	2W	-63	-55.7		24
KG6CIH	Prime	15"	2W	-50	-70.2		24
KA1OJ	Offset	18"	Mixer	-56	-		24

<u>Call</u>	<u>Dish Type</u>	<u>Dish Size</u>	<u>Power</u>	<u>MDS</u>	<u>TX</u>	<u>Comment</u>	<u>BAND</u>
K1FMS	Prime	12"	0.040 W	-55	-64.2		47
AF1T	Prime	12"	0.030 W	-63	-69.7		47
KA1OJ	Prime	12"	0.060 W	-55	-75.5		47
K1OR	Cassegrain	12"	0.073 W	-62	-80.7		47

<u>Call</u>	<u>Dish Type</u>	<u>Dish Size</u>	<u>Power</u>	<u>MDS</u>	<u>TX</u>	<u>Comment</u>	<u>BAND</u>
K1OR	Cassegrain	12"	0.100 W	-	-	-	78





<https://www.packratvhf.com/index.php/newsletter> News Letters

Mt Airy VHF Radio Club

2024 Fall Sprints Review

and

2025 Sprints Planning

INFO

EME Conference 2026

**will be held May 28th-31st, 2026 in Puerto de la Cruz,
Tenerife, Canary Islands**

**The conference will take place at the "*Hotel Botánico &
The Oriental Spa Garden*" (5 Stars Hotel)**

INFO

Test Gear for Sale

Model	Description	Asking Price	Quantity
<i>Frequency Counters:</i>			
HP-5385A	1000MHz 10 Digit Internal ref or ext 10MHz lockable.	\$150 Each	2
Agilent 53181A	225MHz 10 Digit Internal ref or ext 10MHz lockable.	\$150	1
Agilent 53131A	225MHz with 3GHz option 10 Digit Internal ref or ext 10MHz	\$200	1
<i>Benchtop DMM:</i>			
Agilent 34401A	6-1/2 Digit Benchtop Multimeter	\$125	1
<i>Oscilloscope:</i>			
Tektronix TAS485	4 Channel 200MHz	\$150	1
<i>Signal Generator:</i>			
HP-8656B	0.1 – 990MHz Signal Generator	\$200	1
<i>Network Analyzers:</i>			
HP-8713B	300kHz – 3GHz Network Analyzer	\$500 Each	2
<i>Power Meters:</i>			
HP-437B w/ 8482H	100kHz-4.2GHz -10dBm - +35dBm Power Sensor Head	\$200	1
HP-437B w/ 8481H	100kHz-18GHz -10dBm - +35dBm Power Sensor Head	\$250 Each	3
HP-437B w/ 8481A	100kHz- 18GHz -30dBm - +20dBm Power Sensor Head	\$250	1
Bird 43	Standard Wattmeter with type N female connectors	\$175 Each	6
<i>Directional Couplers:</i>			
Narda 3001-30	460-950MHz 30dB Type N	\$25	1
Narda 3003-10	2 – 4 GHz 10dB Type N	\$25 Each	2
Narda 3003-20	2 – 4 GHz 20dB Type N	\$25	1
Narda 3003-30	2 – 4 GHz 30dB Type N	\$25 Each	6

All gear is in good condition and has been tested and is working. (power cords not included)

Please contact Fred K1FMS at n1dpmfred@gmail.com or call or text 413-519-3189

I can deliver sold items to the NEWS meeting, or we can make arrangements to meet somewhere, or you can come and pick up whatever you like at my QTH.

You can't satisfy everyone

Some 10 GHz and Above Contest Comments

Sat, Aug 16 at 4:42 PM

Well that was a disaster -

Went to Fox Hill in Vernon CT FN31su,
never been before. and will never go again.

Almost no one interested in trying to work me,
made just 3 QSOs to Greylock, and 3 to Block Island.

Then around 1 PM my cellphone display died (permanently)
now I need to buy another phone. I give up.
Won't be on again until next month if at all.

73 Ron WZ1V

Ron I didn't see you on the map, but had I seen you I would have called for a contact. I worked from FN31af and FN30bx. Please call for a contact if you see me listed in the future (and that goes for everyone!). I think I had pretty good paths in your direction.

73,
Tom, N2YTF
10ghz

Hi Ron,
Sorry to hear about the bad experiences.
I know you're a seasoned contester and VHF DX er but operating portable on the upper microwave bands is a different animal all together.
First you need to look and see where people are going to be operating from so you can make wise choices of where to be.
Fox hill is a great site, but it is only really open from about 240 degrees to about 350 degrees. When theses guys out there it works GREAT. On Sunday we easily worked Jeff W3FU in FN03WA...485 km.
There are not really any spots with good views in all directions, so you have to find ones that are the best compromise for where the activity will be.
Second you need to advertise! The K1RZ database is the place to do that. Additionally rainscatter.com is great because it displays your phone number too as well as what the scatter possibilities are live.
Third...its good to team up with someone or at least do some networking

before hand too. Meeting up with others on a site and having a sub plan if you will is very productive. I did this with KCOIYT and it resulted in at least a dozen QSOs across 4 bands...light being one.

A fairly consistent strategy year to year also helps. Example AF1T in August is a fixture on block island. There's also usually others with him. This is the part of teaming up. It's nice to work a few qsos for the 1 time set up with someone so you need multiple bands or multiple people. Also with multiple people if something goes wrong there at least some assistance to get it repaired or at least diagnosed.

Back to the picking of sites. If you want to easily work all of new england and into upstate NY in September my suggestion would be the beaches (theres 3 of them that work great) on the north shore of long island. For you ferry access is easy...

Don't throw in the towel...take advise from people who have been doing this successfully for a while. This is my by far favorite operating event of the year.

73

Fred

K1FMS

All good points Fred.

I'm very much still a rookie at this.

Nonetheless, it shouldn't be so difficult.

And yes I was on the K1RZ database for all the good it did.

But what about all the people not on that list ?

Where did they advertise ?

The group on Greylock Saturday weren't on it, W1AUV wasn't on it, The fellow in FN30 wasn't on it.

Someone I spoke with on the phone told me

I wasn't "lit up on the map" What map is that?

Clearly I'm missing something here.

Without a better means to coordinate contacts, this is a total waste of my time and effort.

Can someone tell me what I'm missing ?

(besides getting a better cell phone).

73 Ron WZ1v

yes the guys on Greylock were not on in the database nor on the map.

The map is the associated activity map with the K1RZ database and or rainscatter.com.

I have a active stations cell phone list I've put together that I can send

you once my internet is back up from xfinity maintenance.

The other 3 communications sources in diminishing order as far as im concerned are SLACK, DMR, and 144.260. Slack is on my phone but I still haven't found my way around on it efficiently. We tried DMR twice a couple years ago and thought it was a waste of time. And only very few carry 144.260 anymore. The primary has become cell phone calls and text.

73

Fred

Hi,

my 2 cents!

Liaison is a big problem:

A few years ago, DMR (TAC316) had very little activity,
A few more used it this year K1RZ WA1MBA, W1EX, KA1SUN N1JEZ and a few others. Make initial contact and if real bust go to cell phone.

I have a list which I sent out to a group before the contest, hoping it would bring activity to NEW ENGLAND and beyond. Anyone that wants it, Email me.

If you local DMR repeater does not have TAC316 I am sure they can add it,
Our Local group here in New England has set TAC316 PPT during the contest

<https://nedecn.org/>

I know many have complained that programming DMR is a bit hard, If you do not have DMR maybe a group buy, (possibly a BAOFENG DM32, \$83 on Amazon and cheaper from Bangood) then use a common code plug

Personally I do not like using cell phones during any contest! On Mt Washington where we sometimes go, has very limited cell coverage but a DMR repeater is 1000 Ft. away! From most 10 GHz contest sites, you can hit a DMR repeater..

I do not think hotspots will work on TAC 316

W3SZ/K1RZ map can be a problem, keeping info up to date, weather changes, most do not have it live while roving and some do not post to it at all..

again my 2 cents from someone that done this contest for 35 years! I still use 144.260 during contest!

73,

don w1fkf

10 GHz & up liason methods as of 8-18-25

Actually we still use 144.260 a lot. When I got to Greylock yesterday, all of us in were using .260 - K1AEP, KA1SUN, W1AUV, AF1T & Block Island crew, and me. For many it's still #1, but really it's now #2

For Me, Cell+144.260+449.425 are the tools I use the most.

Cell calls and cell text are #1.

DMR is #3 but is still a work in progress. Don and a few stations in Northern New England have worked using it. But It's a hard to program confusing system not designed at all with Amateur use in mind and problematic to connect thru to stations that are not in the immediate area. I'm still working on a way to connect with it if we can get cooperating repeaters to let us use TAC316 on their system. For DMR to be effective on 10GHz, it needs to work almost everywhere in the Northeast USA. A codeplug (list of co-operating DMR Repeater) would need to be created that could be replicated and programmed on to various models of DMR radios -- mostly handhelds but some mobiles also. If most folks picked one popular Handheld model to buy and program, that would help also.

#4 -- ON4KST chat--This has not been working for some of us. Not a secure website. May be a problem. But a very good utility when it works.

449.425 Mount Greylock repeater (tone 162.2) is #5
Very usable for contacts within 80 miles of Mt. Greylock and up to 120 miles on mountaintops. Many in Western MA, the Albany NY area, Southern VT, SW NH, and Northern CT have this in their mobiles and handhelds already. It is rarely used by the local folks, and KA1SUN is president of the club that owns it. It has equal to the largest coverage of any repeater in the Eastern USA. For Mt. Greylock area contacts we should use it more. We used it this past weekend and in past years.

E-mail is #6 for the obvious reasons even on a phone, most of have to go in and check it every so often, so it's not an Immediate form of liason like the others above.

I've never heard anyone use Slack and don't know what it is.

K1RZ/W3SZ list is OK if you are home, but not if portable like most of us. I just entered a list request for last weekend that includes most of the area any of us would require:

Pennsylvania to Virginia to Maine to about 100 mile north of US/Canada border.

It returned 23 pages! When I widened it out to include the stations in Eastern Ohio and North Carolina it went to 25 pages!

Some of the listings are redundant and some take up way too much space with comments. It can be confusing to navigate.

Right now it's all we have for a list and thanks to Dave and Roger for keeping it going.

But we need a shorter list (4pages or less) for 10 GHz and up ONLY, and one that is easier to print and use.

One that we could print and carry that would have all the Northeast USA stations that are on. It is possible to do.

Rainscatter.com is good also.

Few bring a laptop or tablet with them when portable. Many of us use internet on cell, but even that may not be a majority.

73

Mark K1MAP

Before the contest, I take the data from K1RZ/W3SZ and enter it into a spreadsheet, producing a one page sheet with who is on and where (see attached). I was lazy this year and only made a sheet for Saturday so on Sunday I was left reading the stack of paper.

Slack was useful to me for arranging longer range contacts (only one of which worked). 144.260 got me one contact, but I didn't have that rig turned on the whole time.

For those who use ON4KST: what chat do you use for coordinating microwave contacts? When I've used the microwave chat, I only saw people in Europe using it.

This year I set up my cellphone to provide a wifi access point so I could get to web sites from my laptop, and I was happy that I did. Not that any of the rainscatter tries worked :(I used under 100MB of data for tethering, less than half of what I've used for maps & navigation this month.

I stay away from repeaters.

73,

Glen kc0iyt

I was lucky when I first got on 10GHz SSB/CW four decades ago. There were only two operators on in New England. W1XP and me! Bob had built two rigs so he would have some one to talk to. Operation was well planned ahead of time. Was not long before others started getting on. 144.260 became the liason frequency. It could at times get crowded. But you did hear everyone who was active within a reasonable range. Some times you might hear a contact being setup. Go over on 10 GHZ and if you heard one side well enough you could tailend a QSO. I only had an Icom IC-202 for both liason and the 10 GHz transverter so got pretty fast switching between the two! Anyone thinking of getting on 10GHz or has gear and has not used it yet, I strongly suggest finding an experienced operator or group to go out with. Let them do the coordination while you get used to your gear. Groups can be handy. Setting up contacts, making the contact(s) and answering peoples questions can get difficult when you are by yourself!

73 John WW1Z

<https://w3sz.com/map.php>



NEDECN TAC316 Frequency List

<https://nedecn.org/>

<u>location</u>	<u>state</u>	<u>TX</u>	<u>RX</u>	<u>CC</u>
Bridgeport	CT	442.2	447.2	1
Seymour	CT	442.9	447.9	1
Rocky Hill	CT	444.15	449.15	3
Monroe	CT	444.4	449.4	3
Killingly	CT	444.85	449.85	1
Prospect	CT	448.175	443.175	1
Coventry	CT	449.875	444.875	1
Martha's Vineyard	MA	145.18	144.58	10
Southboro VHF	MA	145.27	144.67	7
Eastham	MA	145.36	144.76	10
Haverhill	MA	146.46	144.96	6
Dennis	MA	146.47	144.97	11
Worcester	MA	442.2	447.2	1
NORTH ADAMS MA / Greylock	MA	444.675	449.675	1
Southboro UHF	MA	448.375	443.375	1
Portland	ME	145.34	144.74	12
Bow-Concord	NH	145.17	144.57	8
Goffstown-V	NH	145.22	144.62	11
Hudson-V	NH	145.26	144.66	5
Gunstock Mtn-V	NH	145.36	144.76	3
Goffstown-U	NH	444.3	449.3	10
Gunstock Mtn-U	NH	447.875	442.875	9
Mt. Washington	NH	448.975	443.975	2
Mt. Beacon	NY	441.01875	446.01875	10
Riverhead	NY	442.3	447.3	1
Montauk	NY	443.2	448.2	1
Pecanic	NY	449.975	444.975	1
Mt. Equinox	VT	441.35	446.35	7
Monkton	VT	443.75	448.75	7
Cotinth VT	VT	443.9	448.9	8
Brattleboro VT	VT	444.4	449.4	1
Pico Peak	VT	444.5	449.5	1
Bollon	VT	445.075	440.075	7
Mt. Snow	VT	446.275	441.275	6
Jay Peak	VT	446.375	441.375	7
Burlington VT	VT	446.475	441.475	1
Mt. Ascutney	VT	448.475	443.475	5
Burke Mtn	VT	448.575	443.575	5
Williamstown	VT	448.875	443.875	7
Warren	VT	449.475	444.475	5



Q5 SIGNAL



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Directive Systems & Engineering VHF, UHF, Microwave Antennas and related products



MEMBERSHIP APPLICATION

Date: _____

Name: _____

Call sign: _____ Grid: _____

Street: _____

City: _____ State: _____ Zip: _____

Phone (home) _____ Optional (work) _____

Email: _____

ARR member: ☐ Y ☐ N

Electronic Newsletter Delivery: ☐ Y ☐ N

Operational Bands (circle) 50 MHz 144 MHz 222 MHz 432 MHz 903 MHz 1.2 GHz 2.3 GHz
 3.4 GHz 5.6 GHz 10 GHz 24 GHz 47 GHz 76 GHz Eight
 Other (list) _____

The North East Weak Signal [N.E.W.S.] Group was established in 1993 to form a camaraderie among fellow VHF-UHF-Microwave enthusiasts and support a convenient means to exchange technical information. We currently have six meetings per year, 4 are held on at the Storrs Library on Rt. 5 in Longmeadow, Mass., 1 at our annual Conference in April, and 1 at our Annual Picnic in July. We provide a "NEWSLETTER" that is distributed via email two weeks prior to each meeting. Any contributions to this publication are appreciated and can be sent to: Don, W1FKF by e-mail to donw1fkf-news@yahoo.com

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Mail to

Treasurer

North East Weak Signal Group

c/o George Collins
 105 Ninth District Road
 Somers, CT 06071

news.kc1v@gmail.com

News Letter

North East Weak Signal Group

Don Twombly, W1FKF

donw1fkf-news@yahoo.com