



FIELD 
DAY 2022

2022 Field Day Results



Ray Hitt N8VMX
Field Day Coordinator



Topics



- What is Field Day?
- BARC results
 - Sections contacted
 - Contacts by section
 - Activity graph (contacts per hour)
 - Number of contacts by band and by mode
 - Bonus points
 - Final score
 - Field Day stats over past 11 years
 - Lessons Learned



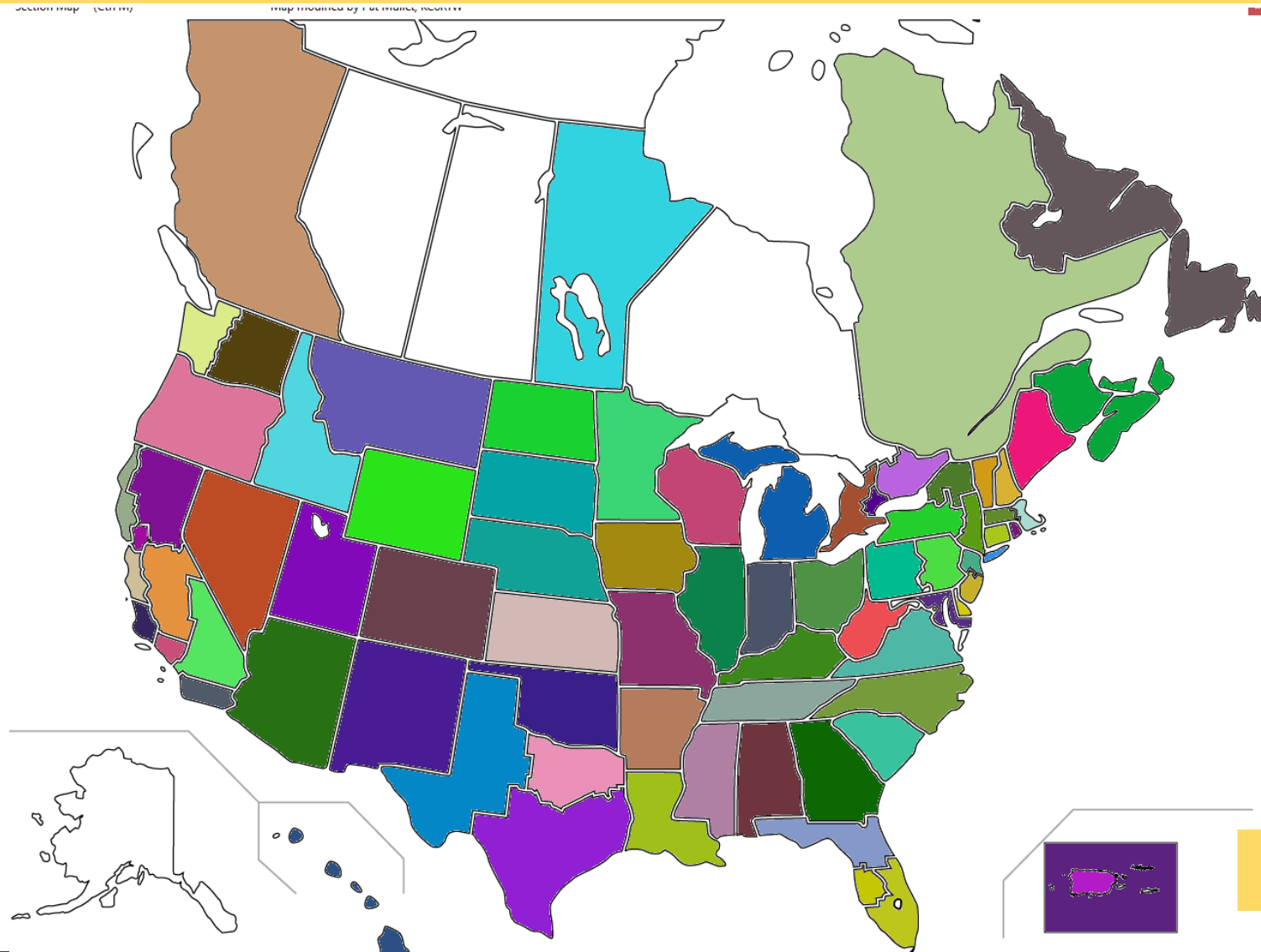
What is Field Day?



- ARRL event held 4th full weekend every June
 - From 2pm Saturday to 2pm Sunday in our time zone
 - Not a true “contest”, but an operating event
- Thousands of hams throughout US and Canada set up temporary communications stations and contact similar stations
- Opportunity for community outreach, emergency preparedness, sharpening your technical skills
- Opportunity to plan for a 24-hour field operation
- Fun way to bring the club members together



W8DGN Results – Sections Contacted





W8DGN Results – Contacts by Section

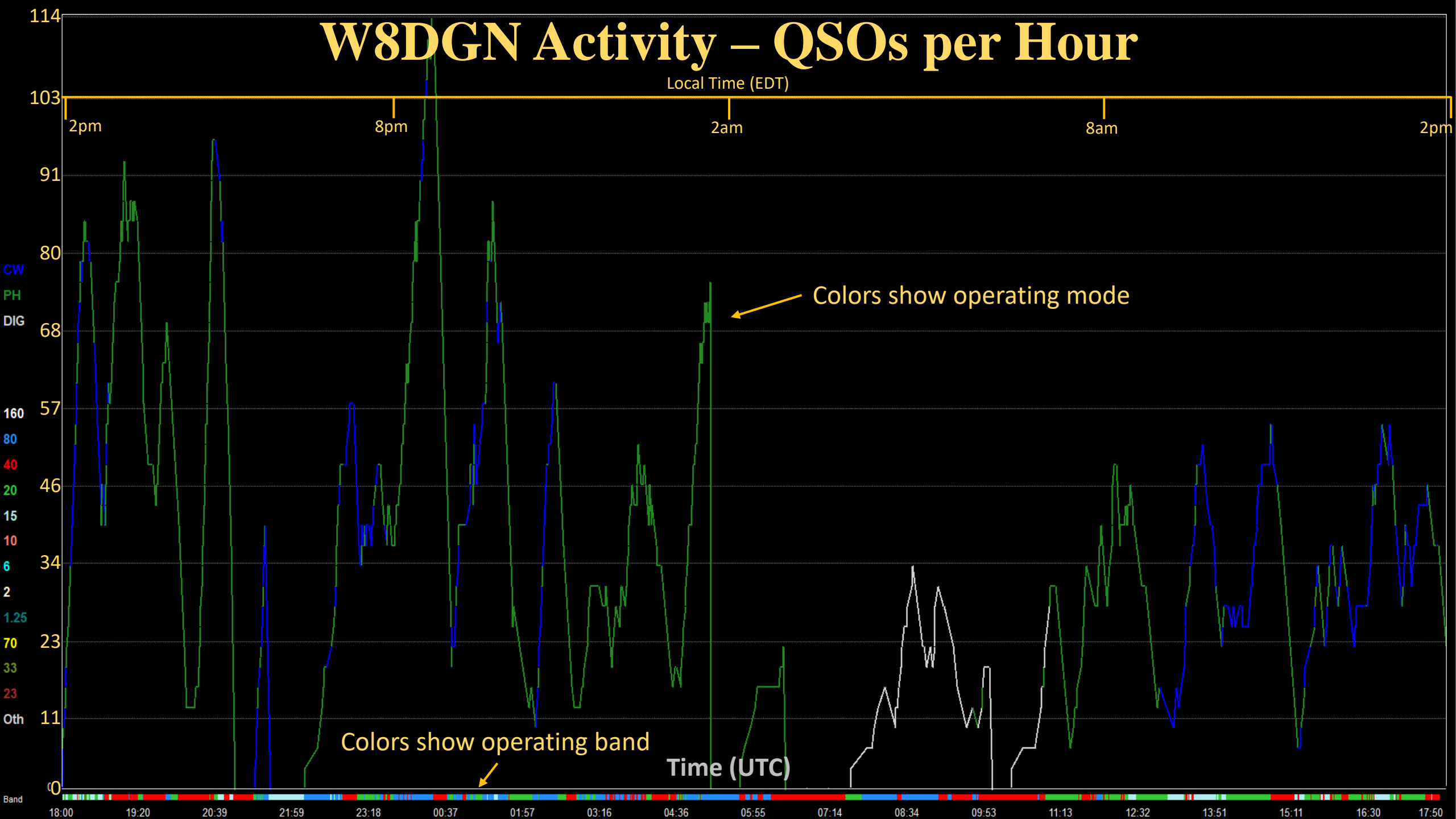


Contacts by Section: 732

Sections Contacted: 80

Section	Total	%	Section	Total	%	Section	Total	%	Section	Total	%
OH	46	6.3%	WNY	12	1.6%	ORG	6	0.8%	SF	3	0.4%
VA	39	5.3%	WV	12	1.6%	VT	6	0.8%	SJV	3	0.4%
MDC	32	4.4%	CT	11	1.5%	WMA	6	0.8%	WTX	3	0.4%
NC	31	4.2%	MN	11	1.5%	LA	5	0.7%	ID	2	0.3%
EPA	27	3.7%	AL	10	1.4%	MT	5	0.7%	MO	2	0.3%
GA	26	3.6%	NTX	10	1.4%	NLI	5	0.7%	MS	2	0.3%
MI	22	3.0%	RI	10	1.4%	OK	5	0.7%	ND	2	0.3%
TN	22	3.0%	AR	9	1.2%	SFL	5	0.7%	NL	2	0.3%
WPA	20	2.7%	GTA	9	1.2%	SV	5	0.7%	SDG	2	0.3%
IN	17	2.3%	ONE	9	1.2%	WWA	5	0.7%	BC	1	0.1%
NH	17	2.3%	SNJ	9	1.2%	DX	4	0.5%	DE	1	0.1%
STX	17	2.3%	IA	8	1.1%	KY	4	0.5%	EB	1	0.1%
IL	16	2.2%	KS	8	1.1%	NE	4	0.5%	EWA	1	0.1%
CO	15	2.0%	QC	8	1.1%	OR	4	0.5%	MB	1	0.1%
WI	15	2.0%	WCF	8	1.1%	SB	4	0.5%	NM	1	0.1%
NFL	14	1.9%	LAX	7	1.0%	SCV	4	0.5%	NNY	1	0.1%
NNJ	14	1.9%	ME	7	1.0%	SD	4	0.5%	NV	1	0.1%
SC	14	1.9%	ONS	7	1.0%	WY	4	0.5%	PAC	1	0.1%
EMA	13	1.8%	PR	7	1.0%	AZ	3	0.4%	PE	1	0.1%
ENY	13	1.8%	UT	7	1.0%	MAR	3	0.4%	VI	1	0.1%

W8DGN Activity – QSOs per Hour





W8DGN Field Day Results

Contacts by band / mode



Band	CW	Dig	Phone	Total	%
160	0	0	0	0	0.0%
80	17	26	164	207	28.3%
40	7	20	200	227	31.0%
20	122	1	99	222	30.3%
15	74	0	2	76	10.4%
10	0	0	0	0	0.0%
6	0	0	0	0	0.0%
Satellite	0	0	0	0	0.0%
Total	220	47	465	732	
%	30.1%	6.4%	63.5%		



W8DGN Results – Bonus Points



100 % Emergency Power	400
Educational Activity	100
Formal NTS Messages Handled - No.=10	100
Media Publicity	100
Natural Power QSOs Completed	100
NTS Message to ARRL SM/SEC	100
Public Information Table	100
Public Location	100
Safety Officer	100
Satellite QSO Completed	0
Site Visit by Invited Agency Official	100
Site Visit by Invited Elected Official	0
Social Media	100
Submitted via the Web	50
W1AW Field Day Message	0
Youth Participation	0
Total Bonus Points =	1450



W8DGN Results – Final Score



Mode	CW		Digital		Phone	
	Contacts	PWR (W)	Contacts	PWR (W)	Contacts	PWR (W)
160m	0	-	0	-	0	-
80m	17	100	26	70	164	100
40m	7	100	20	70	200	100
20m	122	100	1	70	99	100
15m	74	100	0	-	2	100
10m	0	-	0	-	0	-
6m	0	-	0	-	0	-
2m	0	-	0	-	0	-
Satellite	0	-	0	-	0	-
Total	220		47		465	

Score Summary:	CW	DIG	PH	
	220	47	465	
Total Points	440	94	465	999

Claimed Contact Score = 1998 (Power Multiplier: 2X)
 Total Bonus Points = 1450
 Total Claimed Points = **3448**



W8DGN Field Day Stats – Past 11 Years



Score Summary	2012	2013	2014	2015	2016	2017	2018	2019	2020*	2021	2022
Club Class	5A	6A	6A	4E	6A	5A	5A	4A	<i>n/a</i>	4A	4A
Total Bonus Points	1430	1370	1510	890	1710	1930	1870	1750	<i>4277</i>	1750	1450
Total QSO Points	1252	1465	1674	1225	2436	2258	2102	2814	<i>4181</i>	2464	1998
Total Claimed Points	2682	2930	3348	2450	4146	4188	3972	4564	8458	4214	3448
Actual Number of Contacts											
CW	49	528	578	303	454	262	312	417	<i>531</i>	174	220
Digital	22	20	81	35	17	60	21	84	<i>752</i>	143	47
Phone	484	369	356	549	276	485	385	405	<i>1615</i>	598	465
Total QSOs	555	917	1015	887	747	807	718	906	2898	915	732

* Aggregated club member score, no W8DGN station due to pandemic lockdown



Lessons Learned



1. Nail down the mode requirements beforehand (phone, FT8, other digital???).
2. Possible server upgrade, but issue may have been due to faulty battery.
3. Do we need WiFi Internet access?
4. Should we use hardwired ethernet for logging network or WiFi?
5. Be sure radios connected to N3FJP (Rig Control settings).
6. How will we replace the R9?
7. Written info on setting up the fiberglass pole for the 80m/40m antenna as well as the tri-band tower.
8. Unless you signed up to work in the morning, DO NOT SHOW UP before 2 pm.
9. Only electrical workers at the shelter before 10 am. Those loading equipment at BARC don't need to be there until 9 am and should not head over to shelter until 10 am.

BARC had a great Field Day! See you in June 2024!

