



2023 Field Day Results

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Topics



- What is Field Day?
- BARC results
 - Sections
 - Activity graph (contacts per hour)
 - Scoring
 - Field Day stats over past 12 years
 - Lessons Learned



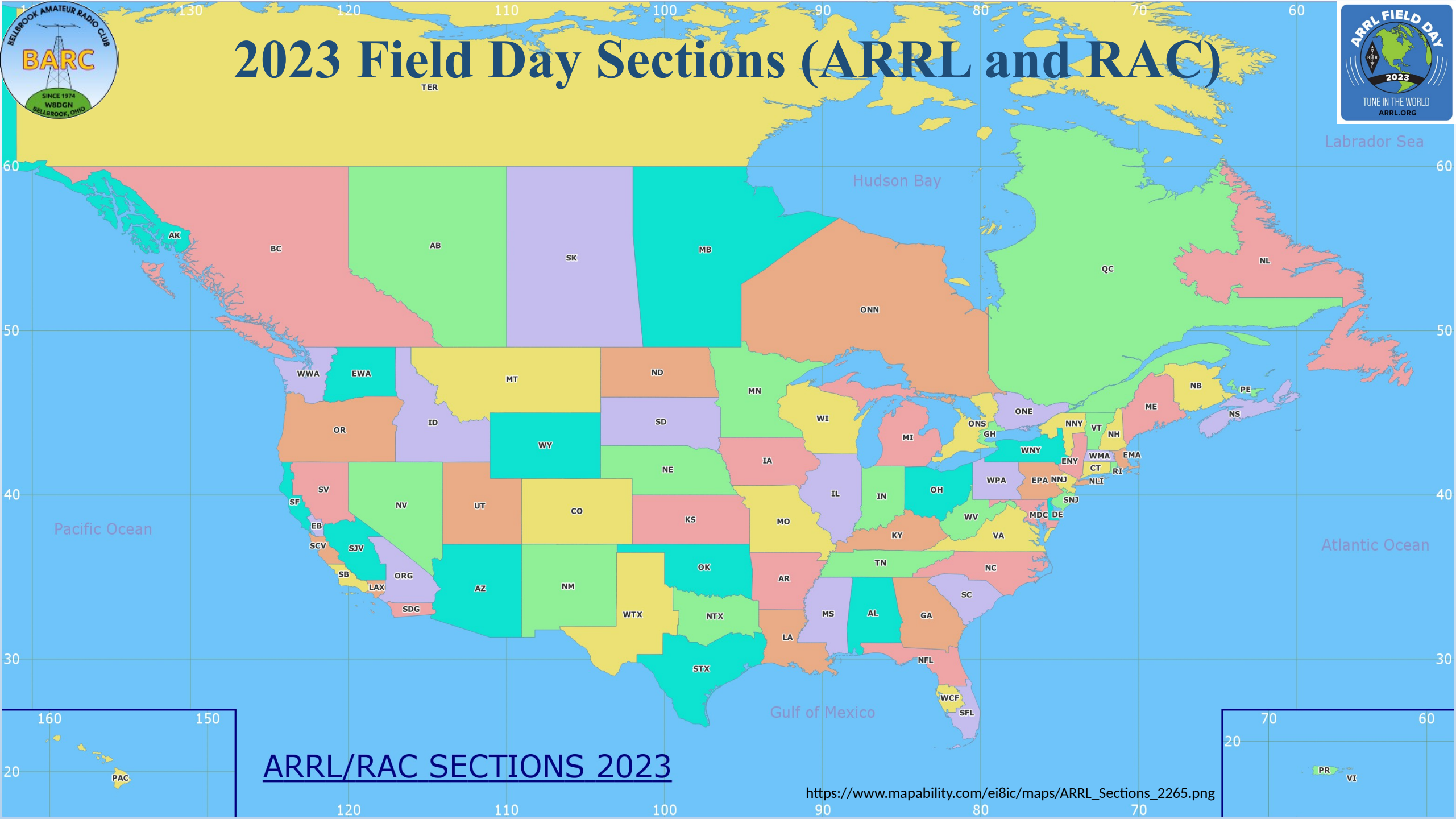
What is Field Day?



- 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



2023 Field Day Sections (ARRL and RAC)

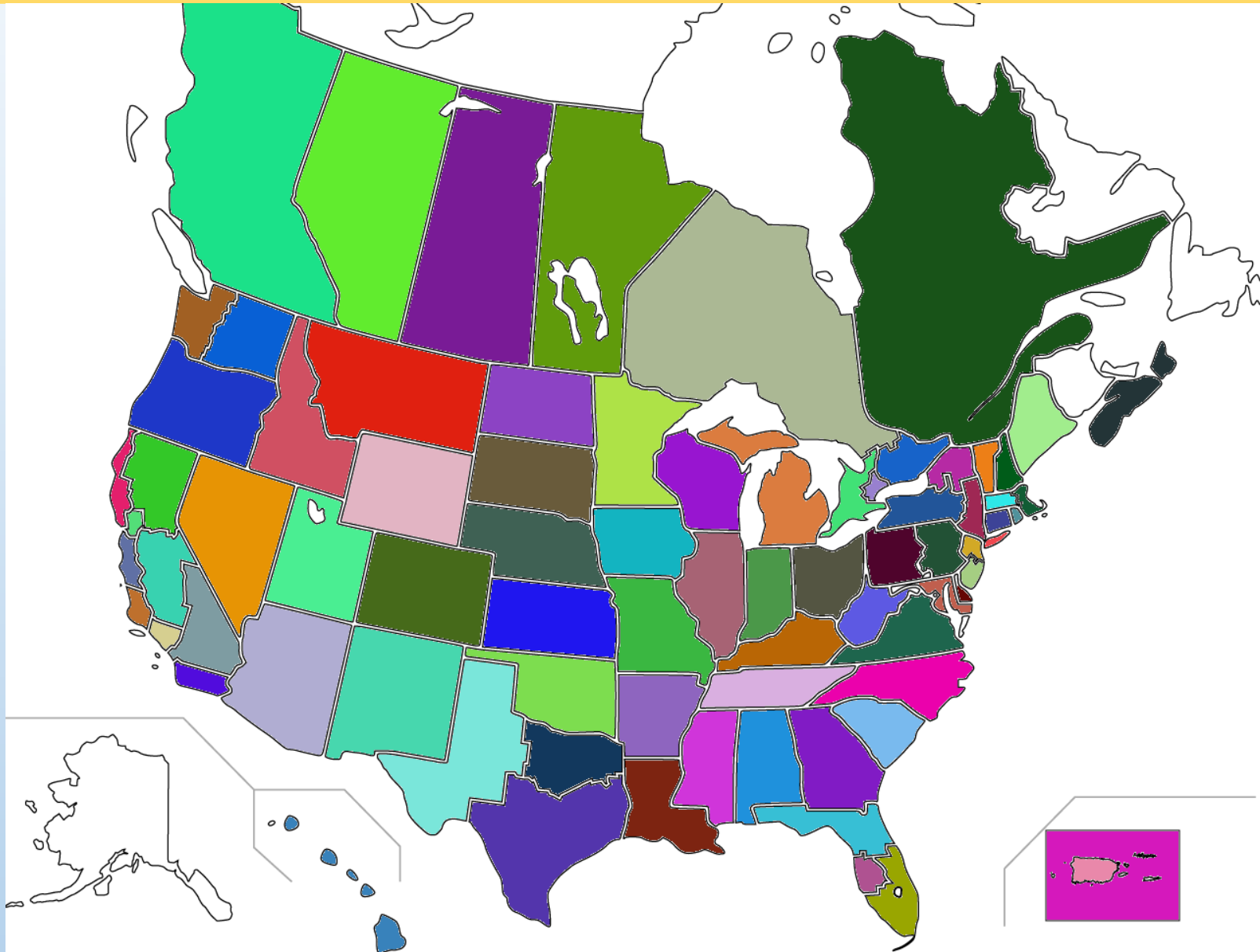


ARRL/RAC SECTIONS 2023

https://www.mapability.com/ei8ic/maps/ARRL_Sections_2265.png



W8DGN Results – Sections Contacted



80 out of 85!



W8DGN Results – Sorted By Section



Section	Abbr	Total	Section	Abbr	Total	Section	Abbr	Total	Section	Abbr	Total
Alberta	AB	1	Kentucky	KY	7	Nova Scotia	NS	2	San Joaquin Valley	SJV	3
Alaska	AK	0	Louisiana	LA	7	North Texas	NTX	22	Saskatchewan	SK	2
Alabama	AL	11	Los Angeles	LAX	10	Nevada	NV	5	Southern New Jersey	SNJ	6
Arkansas	AR	7	Manitoba	MB	1	Ohio	OH	63	South Texas	STX	31
Arizona	AZ	11	Maryland-DC	MDC	46	Oklahoma	OK	8	Sacramento Valley	SV	5
British Columbia	BC	7	Maine	ME	13	Ontario East	ONE	6	Territories	TER	0
Colorado	CO	21	Michigan	MI	32	Ontario North	ONN	3	Tennessee	TN	33
Connecticut	CT	8	Minnesota	MN	16	Ontario South	ONS	9	Utah	UT	4
Delaware	DE	6	Missouri	MO	12	Oregon	OR	8	Virginia	VA	43
DX	DX	1	Mississippi	MS	4	Orange	ORG	8	US Virgin Islands	VI	2
East Bay	EB	3	Montana	MT	1	Pacific	PAC	1	Vermont	VT	9
Eastern Massachusetts	EMA	14	New Brunswick	NB	0	Prince Edward Island	PE	0	West Central Florida	WCF	11
Eastern New York	ENY	14	North Carolina	NC	56	Puerto Rico	PR	9	Wisconsin	WI	16
Eastern Pennsylvania	EPA	44	North Dakota	ND	2	Quebec	QC	6	Western Massachusetts	WMA	9
Eastern Washington	EWA	1	Nebraska	NE	3	Rhode Island	RI	15	Western New York	WNY	16
Georgia	GA	29	Northern Florida	NFL	17	Santa Barbara	SB	2	Western Pennsylvania	WPA	11
Ontario Golden Horseshoe	GH	5	New Hampshire	NH	13	South Carolina	SC	15	West Texas	WTX	7
Iowa	IA	4	Newfoundland and Labrador	NL	0	Santa Clara Valley	SCV	9	West Virginia	WV	13
Idaho	ID	4	New York City-Long Island	NLI	8	South Dakota	SD	6	Western Washington	WWA	14
Illinois	IL	28	New Mexico	NM	2	San Diego	SDG	6	Wyoming	WY	3
Indiana	IN	17	Northern New Jersey	NNJ	18	San Francisco	SF	4			
Kansas	KS	5	Northern New York	NNY	3	Southern Florida	SFL	9			

No Contact: Alaska (AK), New Brunswick (NB), Newfoundland and Labrador (NL), Prince Edward Island (PE), Territories (TER)

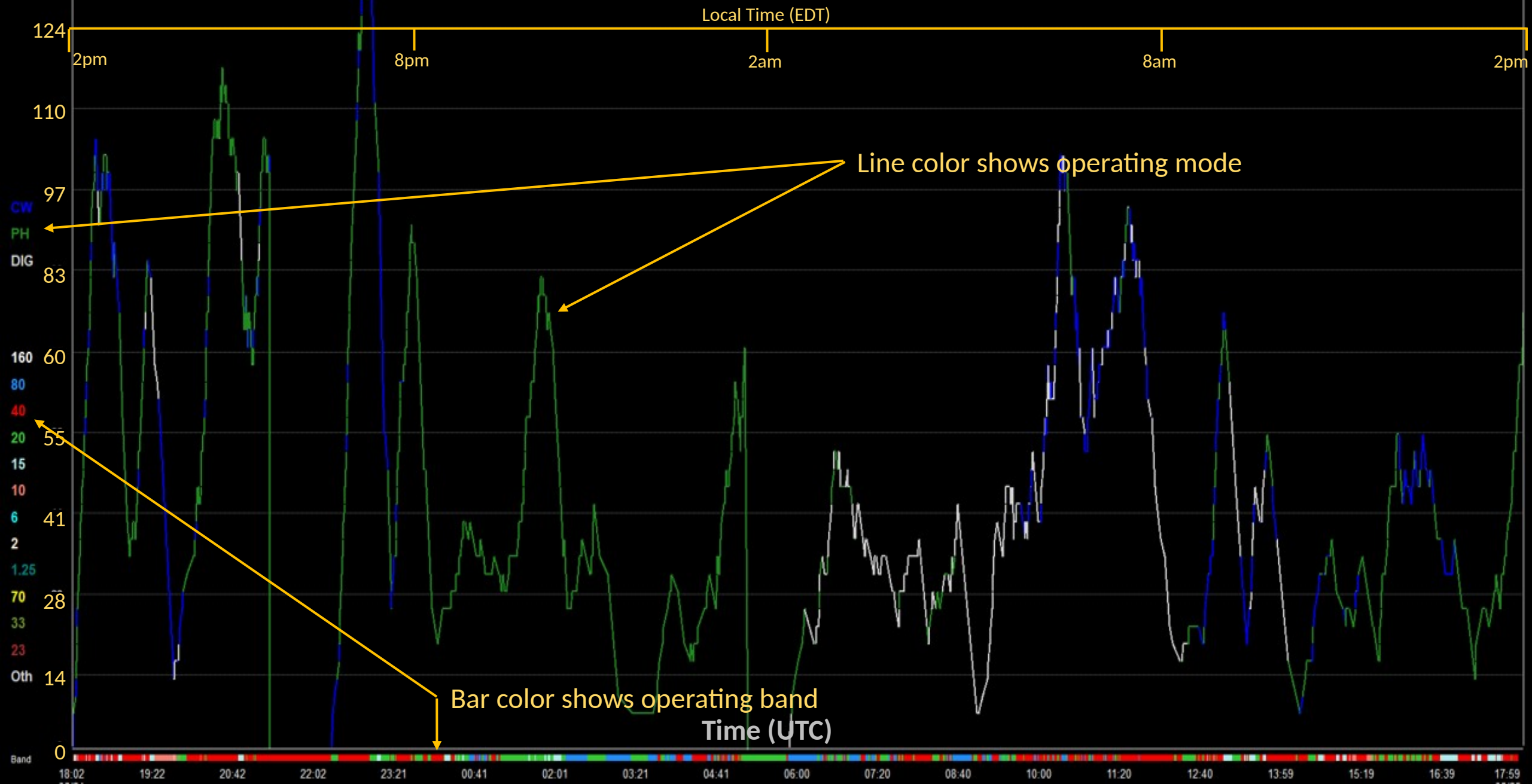


W8DGN Results – Contacts by Section



Section	Total	%	Section	Total	%	Section	Total	%	Section	Total	%	
OH	63	6.5%	EMA	14	1.5%	OK	8	0.8%	MS	4	0.4%	
NC	56	5.8%	ENY	14	1.5%	OR	8	0.8%	SF	4	0.4%	
MDC	46	4.8%	WWA	14	1.5%	ORG	8	0.8%	UT	4	0.4%	
EPA	44	4.6%	ME	13	1.3%	AR	7	0.7%	EB	3	0.3%	
VA	43	4.5%	NH	13	1.3%	BC	7	0.7%	NE	3	0.3%	
TN	33	3.4%	WV	13	1.3%	KY	7	0.7%	NNY	3	0.3%	
MI	32	3.3%	MO	12	1.2%	LA	7	0.7%	ONN	3	0.3%	
STX	31	3.2%	AL	11	1.1%	WTX	7	0.7%	SJV	3	0.3%	
GA	29	3.0%	AZ	11	1.1%	DE	6	0.6%	WY	3	0.3%	
IL	28	2.9%	WCF	11	1.1%	ONE	6	0.6%	ND	2	0.2%	
NTX	22	2.3%	WPA	11	1.1%	QC	6	0.6%	NM	2	0.2%	
CO	21	2.2%	LAX	10	1.0%	SD	6	0.6%	NS	2	0.2%	
NNJ	18	1.9%	ONS	9	0.9%	SDG	6	0.6%	SB	2	0.2%	
IN	17	1.8%	PR	9	0.9%	SNJ	6	0.6%	SK	2	0.2%	
NFL	17	1.8%	SCV	9	0.9%	GH	5	0.5%	VI	2	0.2%	
MN	16	1.7%	SFL	9	0.9%	KS	5	0.5%	AB	1	0.1%	
WI	16	1.7%	VT	9	0.9%	NV	5	0.5%	DX	1	0.1%	
WNY	16	1.7%	WMA	9	0.9%	SV	5	0.5%	EWA	1	0.1%	
RI	15	1.6%	CT	8	0.8%	IA	4	0.4%	MB	1	0.1%	
SC	15	1.6%	NLI	8	0.8%	ID	4	0.4%	MT	1	0.1%	
Total Contacts by Section (Excluding DX):									965			
Total Sections Contacted:									80			
										PAC	1	0.1%

W8DGN Activity – Contacts per Hour





W8DGN Field Day Results

Contacts by Band / Mode



Band	CW	Phone	Dig	Total	%
160	0	0	0	0	0.0%
80	7	44	47	98	10.1%
40	101	350	73	524	54.2%
20	68	142	44	254	26.3%
15	29	37	9	75	7.8%
10	5	3	7	15	1.6%
6	0	0	0	0	0.0%
Satellite	0	0	0	0	0.0%
Total	210	576	180	966	
%	21.7%	59.6%	18.6%		



W8DGN Results – Bonus Points



100 % Emergency Power	400
Educational Activity	100
Formal NTS Messages Handled (max=10x10)	100
Media Publicity	100
Natural Power QSOs Completed (min=5)	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	100
Social Media	100
Submitted via the Web	50
W1AW Field Day Message	100
Youth Participation (2x20)	40
Total Bonus Points =	1690



W8DGN Results – Final Score



	QSO	PWR (W)	QSO	PWR (W)	QSO	PWR (W)
160m	0	100	0		0	
80m	7	100	44	100	47	100
40m	101	100	350	100	73	100
20m	68	100	142	100	44	100
15m	29	100	37	100	9	100
10m	5	100	3	100	7	100
6m	0	100	0	100	0	100
Satellite	0		0		0	
Total	210		576		180	

Score Summary:	CW	PH	DIG	Total
Contacts	210	576	180	966
Total Points	420	576	360	1356

Claimed Contact Score = 2712 (Power Multiplier: 2X) ←
 Total Bonus Points = 1690
 Total Claimed Points = **4402**



W8DGN Field Day Stats – Past 12 Years



Field Day Stats - Last 12 Years

Score Summary	2012	2013	2014	2015	2016	2017	2018	2019	2020*	2021	2022	2023
Club Class	5A	6A	6A	4E	6A	5A	5A	4A	<i>n/a</i>	4A	4A	4A
Total Bonus Points	1430	1370	1510	890	1710	1930	1870	1750	<i>4277</i>	1750	1450	1690
Total QSO Points	1252	1465	1674	1225	2436	2258	2102	2814	<i>4181</i>	2464	1998	2712
Total Claimed Points	2682	2930	3348	2450	4146	4188	3972	4564	8458	4214	3448	4402
Actual Number of Contacts												
CW	49	528	578	303	454	262	312	417	<i>531</i>	174	220	210
Digital	22	20	81	35	17	60	21	84	<i>752</i>	143	47	180
Phone	484	369	356	549	276	485	385	405	<i>1615</i>	598	465	576
Total QSOs	555	917	1015	887	747	807	718	906	2898	915	732	966

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



Lessons Learned

1. Formal sign-ups for overnight operators
2. Formal lessons learned process
3. Ensure power supplies are adequate for all stations (especially solar/battery)
4. Closely follow written directions provided for setting up stations.
5. Written info on setting up the fiberglass pole for the 80m/40m antenna as well as the tri-band tower. Mark aluminum tower sections to mate up on site.

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

