

# 48 States 2-Meter Terrestrial

Summary File  
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## ***Papers and References ---***

“Working the Continental US on 2-Meters Terrestrial”, *CQ VHF*, Fall 2009, W9GKA

Comments from N0LL on working 48 states, in K7RA Solar Update, 7-31-09, and several other newsletters

“Coast-to-Coast on 2 Meters Terrestrial”, W9GKA, 2008 CSVHF Conference power point presentation and article contained in the Conference Proceedings, July 25, 2008, Wichita, KS.

Extensive use of the 2008 CS VHF paper in the *World Above* column, “48 States WAS by Terrestrial Modes”, Gene Zimmerman, *QST*, July, 2008, at 88-90.

“The VHF Column - 2-Meter 48 States Terrestrial”, W9GKA, *SMC Black Hole*, April, 2008, p.3.

N0PB comments at: <http://n0pb.mystarband.net/>

“Working the Lower 48”, Mike King, *CQ VHF*, Summer, 2003.

*The World Above 50 MHz*, Emil Pocock, *QST*, Oct. 1997, at 101.

“Two Meter Challenges”, Emil Pocock, *QST*, June, 1997, at 90-91;

Joe Lynch, *CQ*, April, 1994, at 106.

Joe Lynch, *CQ*, Nov. 1992, at 96.

*The World Above 50 MHz*, Bill Tynan, *QST*, Nov. 1981, at 85

*The World Above 50 MHz*, Bill Tynan, *QST*, Nov. 1980, at 77.

“Challenges”, Bill Tynan, *QST*, Nov. 1979, at 81.

*The World Above 50 MHz*, Bill Tynan, *QST*, Dec. 1978, at 74.

“Worked All States on 144 MHz”, *QST*, Nov. 1976, at 49.

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**The following tables** contained in this document are the most current information on stations that are at or close to all 48 states terrestrial on 2 meters. They are updated whenever new information is received. Older information is contained in the various articles cited below. Updates should be sent to [w9gka@arrl.net](mailto:w9gka@arrl.net)

- The first table identifying the seven people thought at the time to have worked all 48 states was contained in the June, 1997 *World Above* column.
- A table showing 11 people working 48 states, along with several stations who were close, was contained in the 2008 *CQ VHF* article.
- Gene Zimmerman, W3ZZ, in his July 2008 *World Above* column then added tables for the East and West coasts.
- Prior versions of the following tables were then published in the 2009 *CQ VHF* article.

## Main List ---

48 States Terrestrial, 2-Meters				
Compiled by W9GKA				
<u>Call</u>	<u>State</u>	<u>Grid</u>	<u>Other Info</u>	<u>Source Documentation</u>
<b>Confirmed -----</b>				
W0SD	SD	Pre-grid; (EN13)	Aug. 1979	11-80 QST, at 77; 11-81, at 85; 6-97, at 91
K5CM	OK	Pre-grid; (EM25)	Dec. 1980	6-97 QST, at 91
W0EMS	NE	Pre-grid; (EN11)	Aug. 1981	6-97 QST, at 91; 11-81 QST, at 85
K0ALL	ND	EN16	7-May-84	10-97 QST, at 101; e-mail K0ALL, 2-08
K5UR	AR	EM35	1985	10-97 QST, at 101; e-mail K5UR, 2-08
W0RRY / K5BXG	OK	EM26	1986	e-mail from W0RRY, 2-8-08
WB5IGF (now W5ZN)	AR	EM45	Aug. 1992	10-97 QST, at 101; e-mail W5ZN, 2-08
WQ0P	KS	EM29	Aug. 1993	6-97 QST, at 91
W7XU	SD	EN13	8-13-97	e-mail from W7XU, 2-7-08
N0QJM	SD	EN13	Late 1990's	e-mail from W7XU, 2-7-08
KM0T	IA	EN13	2001 / 2002	CQ VHF, Summer 2003
N0PB	MO	EM39wo	Aug. 2008	e-mail N0PB, 8-08; N0PB web-site
N0LL	KS	EM09	July, 2009	e-mail N0LL, 7-29-09
K2DRH	IL	EN41	Aug. 2009	K2DRH e-mail 8-13-09
<b>Close -----</b>				
K0MQS	IA	EN31	Missing CA?	QST, 11-76, KM0T e-mail 11-08
K5SW	OK	EM25	Missing OR	e-mail K5SW, 6-13-08
K9HMB	IL	EN52	Missing a 7?	e-mails W9RM, 3-08
W9UD	IL	EN41	Missing CA	e-mail K9AKS, 2-8-08
WB0DGF	NE	EN10	Missing VT	e-mail WB0DGF, 6-20-08
N0JK	KS	EM17	Missing RI	e-mail, N0JK 8-09
WA0BWE (now W0GHZ)	MN	EM34lx	Missing OR	e-mail, W0GHZ 8-2011
K0SQ (ex K0GJX)	MN	EN35	OR, RI	e-mail K0SQ 8-13-09
W0RLI	MN	EN34	CA, NV	e-mail W0RLI, 6-12-08
KM0A	MO	EM48	CA, WA	e-mail W0FY, 2-08
N0UK	MN	EN34jv	CA, WA	e-mail N0UK, 2-08
WA0KBZ	MO	EM48	OR, CA	e-mail, W3ZZ, 8-13-09; 9-2-09 WA0KBZ
W0RT	KS	EN27	OR, VT, RI	e-mail W0RT 7-08
WB0YWW	IA	EN22	WA, OR, MT	e-mail WB0YWW 3-2011
W0FY	MO	EM48	CA, OR, WA	W0FY e-mail 2-08
KW0A	MO	EM48	CA, OR, DE	e-mail KW0A, 3-08
N9LR	IL	EN50du	CA, OR, WA	e-mail N9LR, 3-08
KA9CFD	IL	EN40om	CA, OR, WA	NN1N e-mail, 3-08
KA0GGI (now K4EJ)	MO	EM48	45 states	e-mail K4EJ, 7-11
N0HJZ	MN	EN34	44 states	e-mail N0HJZ, 3-09; RI, CA, OR, NV
KB9NM (now W9JJ)	WI	EN55	44 states	e-mail W9JJ, 8-15-09
W9RM	IL	EN52	43 states	e-mail, W9RM 5-22-12
K9CT	IL	EN50	43 states	K9CT e-mail, 3-08

W9GA (WA9KGQ)	WI	EN53	43 states	Comments, 2008 CSVHF Conf.
KA9UVY	IL	EM58	43 states	Comments, 2008 CSVHF Conf.
W9RPM	WI	EN43	42 states	e-mail, W9RPM 8-25-09
K0TLM	MO	EM29	42 states	Comments, 2008 CSVHF Conf
K1LL/0	SD	DN84	42 states	active 86-95; e-mail K1BX 2-08
KC8P	MI	EN63	42 states	Active mid 90's; e-mail W8GP 6-08
W8PAT (WB8PAT)	OH	EN81vg	41 states	e-mail, W8PAT, 8-15-09
W5SXD	TX	EL29ep	40 states	E-mail, W5SXD, 8-13-09
W9WOK	IL	EN62	41 states	e-mail W3ZZ 6-08
AA9D	IL	EN52	41 states	AA9D e-mail, 3-08
K5YPV	MS	EM54	41 states	2-Meters Standings Box
WO9S	IL	EN52	40 states	WO9S e-mail, 3-17-08
K9SM	IL	EM59	40 states	2-Meters Standings Box

## ***From the East Coast ---***

<b>From North-East ---</b>				
<b><u>Call</u></b>	<b><u>State</u></b>	<b><u>Grid</u></b>	<b><u>Other Info</u></b>	<b><u>Source Documentation</u></b>
WA3HMK	PA	FN10	39 w NM & CO	e-mail, W3CMP, 8-16-09
W3ZZ	MD	FM19	38 w/ CO	QST, 7-08, at 89
K1RZ/3	MD	FM19	38 w/ NM	QST, 7-08, at 89
K1NY	NY	FN30	38 states	2-Meters Standings Box
W2UAD	NY	FN43gc	37 or 38	e-mail, KA2LIM, 8-2011
WA4PGM	VA	FM07ti	37 states	e-mail, 8-13-09
K1JX	CT	FN31	37; circa 1983	e-mail K1JX, 8-2-08
W1VD	CT	FN31	37; 1980-86	e-mail K1JX, 8-2-08
AE3T	PA	FN20	37 states	2-Meters Standings Box
K1TEO	CT	FN31	37 states	2-Meters Standings Box
WB2CUT	NJ	FN20	37 states	2-Meters Standings Box
K4RTS	VA	FM08	37 states	2-Meters Standings Box
W2CRS	NY	FN32	37 states	e-mail W2CRS, 8-08
VA3ST (VE3DSQ)	ONT	FN03ib	37 states	1991-2001, 8-14-09
W1EP	ME	FN31	36 states	2-Meters Standings Box
AK3E	MD	FM19	36 states	2-Meters Standings Box
W3EP/1	CT	FN31	36 states	2-Meters Standings Box
KM1H	NH	FN42	35 states	e-mail, KM1H, 8-13-09
W1ZC	NH	FN42	35 states	2-Meters Standings Box
N4MM	VA	FM09	35 states	2-Meters Standings Box
VE3TMG	ONT	EN82	35 states	2-Meters Standings Box
W2KV (ex N3AHF)	NJ	FN20ok	34 states	e-mail, W2KV, 8-15-09
KA2LIM	NY	FN12nf	34 states	e-mail, KA2LIM, 8-2011
VE3KKL	ONT	FN25	33 states	e mail VE3KKL, 6-08
<b>From Southeast ---</b>				
W4WA	GA	EM84	42 states	2-Meters Standings Box
WB4JGG	TN	EM75ne	41 states	e-mail, 8-14-09
K4RF	GA	EM84	40 states	e-mail, K4RF 8-4-08
W4DEX	NC	EM95	40 states	2-Meters Standings Box
AF4OD	AL	EM72go	40 states	e-mail, AF4OD, 8-2011
K4QI	NC	FM06	38 states	2-Meters Standings Box
K4LY	SC	EM85	38 states	e-mail K4LY, 8-08
K4RWP	TN	EM86	38 states	2-Meters Standings Box
AA4H	TN	EM86	38 states	2-Meters Standings Box
K4MM	FL	EL97	34 states	2-Meters Standings Box
N4HN	NC	EM95	34 states	e-mail, N4HN 8-5-08
N6ZE	NC	Unk.	30 states	e-mail, N6ZE 8-14-09
N6ZE	FL	EL95	30 states	1980's, N6ZE, 8-14-09

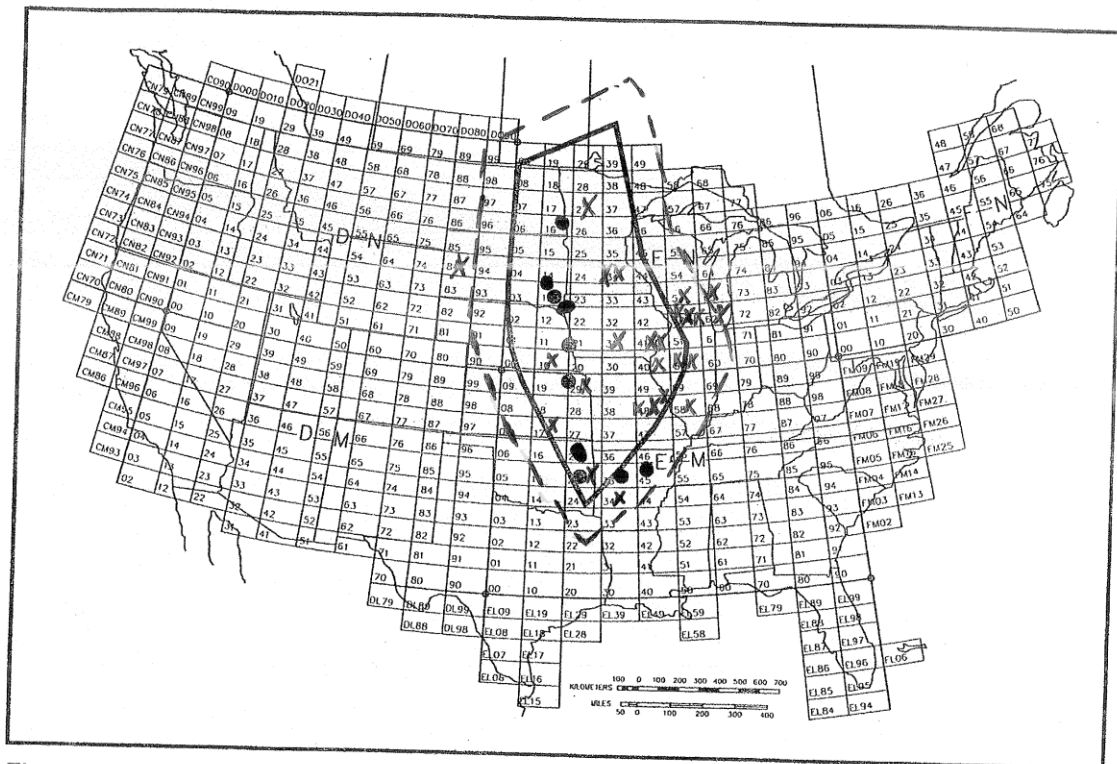
## ***From the West Coast ---***

<b>From West Coast --</b>				
<b><u>Call</u></b>	<b><u>State</u></b>	<b><u>Grid</u></b>	<b><u>Other Info</u></b>	<b><u>Source Documentation</u></b>
N6ZE	CA	DM04ne	22 states	8-15-09 e-mail, N6ZE
W0YW (as a 6 call)	CA	DM13	22 states	w/ HI; Comments, 2008 CS VHF Conf.
WB6NMT	CA	pre-grid	18 states	QST, 12-78, at 74
<b>From the West / SW</b>				
K5QE	TX	EM31cj	41 states	e-mail, K5QE, 8-15-09
AA5JG	OK	EM04to	39 states	e-mail, AA5JG, 8-14-09
K5MAT	NM	DM65	37 states	Comments, 2008 CS VHF Conf.
WA5JCI	TX	EM21	36 states	e-mail, WA5JCI, 8-15-09
WA5IYX	TX	EL09	33 states	50-80 w, 11 ele at 20'; e-mail 8-15-09
K5AM	NM	DM62	31 states	2-Meters Standings Box
WA7GSK	ID	DN13	30 states	2-Meters Standings Box
WB2FKO	NM	DM65rc	29 state	e-mail, WB2FKO, 1-2012
WA7JTM	AZ	DM33	27 states	2-Meters Standings Box
K7XC	NM	DM09	25 states	e-mail, K7XC 8-18-09
NJ7A	UT	DN30xp	24 states	e-mail, NJ7A 8-14-09

- The earliest map showing the boundaries within 1,400 miles of both coasts is contained in the June, 1997 *World Above* Column by Emil Pocock, W3EP.
- The following map was developed from an earlier version of the above table, and was first published in the 2008 CSVHF paper.
- Another nice map was done by Gene Zimmerman, W3ZZ, in the July, 2008 *World Above* column.
- A professional-level map done by Bill, W5WVO was developed for the 2009 CQ VHF article.

- Circles are the stations that have achieved 48 states terrestrial on 2 meters;
- X's are the stations that are close.
- The solid lines show the area of the US that is within 1,400 miles of the coasts.
- The dashed lines show the area within 1,500 miles of the coasts.



### ***Comparison with FFMA ---***

- All FFMA holders are close to the high probability area for 48 states 2 meter terrestrial, and many FFMA leaders are inside the same area.
- This suggests that there may also be a high probability area for FFMA
- See, FFMA Leader Board Excel file for maps on this (at the FFMA Yahoo User's Group).