

48 States 2-Meter Terrestrial

Summary File

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Latest update has info on ---

W6AOL
WD8ISK
K8SIX
NL7CO
K1WHS
KA2ILM
K5VH
K2YAZ
N1RZF
K6ZE corrections

Papers and references on the topic of 48 states terrestrial ---

“Working the Continental US on 2-Meters Terrestrial”, *CQ VHF*, Fall 2009, p.6, W9GKA

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

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.

“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.

“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; a synopsis of that article is available at a web-page maintained by Mike King, KM0T.

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

- Bill Tynan initially raised the possibility of working the contiguous 48 states via terrestrial means only, publishing comments in the 1970's.
- Various notes of people working all 48 states, or coming close, were then made in VHF columns in the 1980's and 1990's.
- Many VHF ops in the Midwest into the 1990's kept informal lists of call-signs active on 2 meters, along with the number of states worked terrestrially by these stations.
- The first published lists identifying the seven people thought at the time to have worked all 48 states were contained in the June and October, 1997 *World Above* columns.
- A table showing eleven people working 48 states, along with several stations who were close, was contained in the 2008 CS VHF Society Conference Proceedings and a technical talk at the Conference.

- Gene Zimmerman, W3ZZ, in his July 2008 *World Above* column then added tables for the East and West coasts.
- Updated tables similar were then published in the 2009 *CQ VHF* article, along with many details concerning recent 2 meter activities.
- The following tables are the most current, and are updated whenever new information becomes available.

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>
Confirmed -----				
W0SD	SD	Pre-grid; (EN13)	Aug. 1979	11-80 <i>QST</i> , at 77; 11-81, at 85; 6-97, at 91
K5CM	OK	Pre-grid; (EM25)	Dec. 1980	6-97 <i>QST</i> , at 91
W0EMS	NE	Pre-grid; (EN11)	Aug. 1981	6-97 <i>QST</i> , at 91; 11-81 <i>QST</i> , at 85
K0ALL	ND	EN16	7-May-84	10-97 <i>QST</i> , at 101; e-mail K0ALL, 2-08
K5UR	AR	EM35	1985	10-97 <i>QST</i> , at 101; e-mail K5UR, 2-08
W0RRY / K5BXG	OK	EM26	1986	e-mail from W0RRY, 2-8-08
W5ZN (as WB5IGF)	AR	EM45	Aug. 1992	10-97 <i>QST</i> , at 101; e-mail W5ZN, 2-08
WQ0P	KS	EM29	Aug. 1993	6-97 <i>QST</i> , 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	<i>CQ VHF</i> , 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
Close -----				
K0MQS	IA	EN31	Missing CA?	<i>QST</i> , 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
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
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
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
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
W9RM	IL	EN52	41 state	e-mail, W9RM 8-15-09
W8PAT (WB8PAT)	OH	EN81vg	41 states	e-mail, W8PAT, 8-15-09
W5SXD	TX	EL29ep	40 states	E-mail, W5SXD, 8-13-09
WD8ISK	OH	Em79uh	41 states	e-mail, W8ZN, 11-24-09
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
K2YAZ	MI	EN74av	39 states	e-mail K2YAZ, 11-25-09
K8SIX	MI	EN82hp	36 states	e-mail K8SIX, 11-24-09

From the East Coast ---

From North-East ---				
<u>Call</u>	<u>State</u>	<u>Grid</u>	<u>Other Info</u>	<u>Source Documentation</u>
VE3DSS (VE3KU)	ONT	FN03	39 in Toronto	e-mail, VE3DSS, 11-20-09
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
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
K1WHS	ME	FN43mj	37 states	e-mail K1WHS, 11-24-09
W1RZF	MA	FN42fc	36 states	e-mail W1RZF 11-25-09
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
VE3KKL	ONT	FN25	33 states	e mail VE3KKL, 6-08
KA2ILM	NY	FN12nf	33 states	e-mail KA2ILM, 11-24-09
From Southeast ---				
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
W4LNG	GA	EM73tu	39 states	e-mail, 11-23-09, W4LNG
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
K1FJM/4	NC	FM16	30 states	1975-80, N6ZE 11-25-09
K1FJM/4	FL	EL95	30 states	1980's, N6ZE, 11-25-09

From the West Coast ---

From West Coast --				
<u>Call</u>	<u>State</u>	<u>Grid</u>	<u>Other Info</u>	<u>Source Documentation</u>
N6ZE	CA	DM04ne	22 states	11-25-09 e-mail, N6ZE; some EME
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
From the West / SW				
K5QE	TX	EM31cj	41 states	e-mail, K5QE, 8-15-09
AA5JG	OK	EM04to	39 states	e-mail, AA5JG, 8-14-09
NL7CO	OK	Unk.	41 or 42 ?	e-mail from AA5JG, 11-24-09
K5MAT	NM	DM65	37 states	Comments, 2008 CS VHF Conf.
WA5JCI	TX	EM21	36 states	e-mail, WA5JCI, 8-15-09
K5VH	TX	EM00xe	37 states	e-mail K5VH, 11-24-09
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
WA7JTM	AZ	DM33	27 states	2-Meters Standings Box
W6OAL	CO	DM79ql	25 states	e-mail, W6OAL, 11-24-09
K7XC	NM	DM09	25 states	e-mail, K7XC 8-18-09
NJ7A	UT	DN30xp	24 states	e-mail, NJ7A 8-14-09

Map ---

- 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.
- W9GKA then developed a map from earlier versions of the “main” list, above, and published it in the 2008 CSVHF Society Conference Proceedings and in a technical presentation held at the Conference. An early version of the above tables and map was also published in the *SMC Black Hole* in 2008.
- A very nice color map was then 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, which is enclosed below.
 - 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.
 - Note that the map was developed prior to K2DRH and N0LL achieving 48 states in 2009.

