

# Worked All States (WAS) 144 MHz

Début novembre 2017 (le mois "anniversaire" de mes 30 ans de radioamateurisme...), j'ai eu l'immense plaisir de recevoir le diplôme Worked All States (WAS) numéro 208 sur 144 MHz. Il récompense le fait d'avoir contacté au moins une fois chaque état américain, en l'occurrence par réflexion sur la lune en ce qui me concerne. Avant de l'obtenir, il a fallu également collecter et faire vérifier toutes les cartes QSL. La station, ou plutôt les différentes stations utilisées au fil des ans sont restées relativement modestes, le tableau ci-dessous renseigne antennes et puissances utilisées. 35 états ont pu être contactés avec une seule antenne et sans élévation, mais certainement en profitant de "[gain de sol](#)", difficile à quantifier précisément, mais de l'ordre de 4-5 dB. Merci à tous, et en particulier à Gene, KB7Q (qui a activé plusieurs états rares) et à Jim, N1NK (qui m'a permis de contacter le dernier état tant attendu, Rhode Island).

Beginning of November 2017 (the "anniversary" month of my 30 years as ham radio...), I have had the great pleasure to receive the Worked All States (WAS) award number 208 on 144 MHz. It rewards the fact of having worked at least one time every US state, thanks to moon bouncing in my case. Prior to get it, it has been needed to collect and make check all the QSL cards. The station, or rather the stations used over the years have remained relatively modest, the table below indicates which antennas and powers have been used. 35 states have been worked with a single antenna without elevation, but certainly benefiting from "[ground gain](#)" (in French), difficult to quantify precisely but somewhere around 4-5 dB. Thanks to all and in particular to Gene, KB7Q (who activated several rare states) and to Jim, N1NK (who allowed me to work the last long awaited state, Rhode Island).



Date	State	Callsign	Mode	Working conditions	ERP (kW)
1/10/1994	TX TEXAS	W5UN	CW	(1)	1,54
15/11/2003	OH OHIO	KB8RQ	CW	(2)	3,48
14/10/2006	CA CALIFORNIA	K6MYC	JT65b	(3)	6,22
12/11/2006	MN MINNESOTA	K0KP	JT65b	(3)	6,22
12/11/2006	WI WISCONSIN	N0AKC	JT65b	(3)	6,22
18/6/2007	IL ILLINOIS	K9DX	JT65b	(3)	6,22
20/7/2007	NJ NEW JERSEY	K1JT	JT65b	(3)	6,22
4/8/2007	KY KENTUCKY	W8WN	JT65b	(3)	6,22
28/10/2007	AZ ARIZONA	AA7A	JT65b	(3)	6,22

24/11/2007	NC NORTH CAROLINA	K4SV	JT65b	(3)	6,22
25/11/2007	NH NEW HAMPSHIRE	K1CA	JT65b	(3)	6,22
21/9/2008	IN INDIANA	K9MRI	JT65b	(3)	6,22
27/9/2008	FL FLORIDA	W4RBO	JT65b	(3)	6,22
26/10/2008	ME MAINE	W1IPL	JT65b	(3)	6,22
8/11/2008	VA VIRGINIA	AD4TJ	JT65b	(3)	6,22
13/1/2009	OR OREGON	K7MI	JT65b	(3)	6,22
14/1/2009	GA GEORGIA	WA4NJP	JT65b	(3)	6,22
31/1/2009	DE DELAWARE	WA3QPX	JT65b	(3)	6,22
31/1/2009	ID IDAHO	W7MEM	JT65b	(3)	6,22
31/1/2009	MD MARYLAND	KD3UY	JT65b	(3)	6,22
28/3/2009	NY NEW YORK	W2TSL	JT65b	(3)	6,22
29/3/2009	AK ALASKA	KL7UW	JT65b	(3)	6,22
25/4/2009	CT CONNECTICUT	K5GMX	JT65b	(3)	6,22
2/5/2009	SC SOUTH CAROLINA	AA4SC	JT65b	(3)	6,22
29/5/2009	KS KANSAS	W0PT	JT65b	(3)	6,22
28/6/2009	PA PENNSYLVANIA	WA2FGK	JT65b	(3)	6,22
22/1/2010	TN TENNESSEE	WD4JHD	JT65b	(3)	6,22
24/1/2010	MT MONTANA	W7GJ	JT65b	(3)	6,22
21/2/2010	MA MASSACHUSETTS	N1DPM	JT65b	(3)	6,22
28/2/2010	NM NEW MEXICO	K5DOG	JT65b	(3)	6,22
10/8/2010	WA WASHINGTON	W7IUV	JT65b	(3)	6,22
28/8/2010	LA LOUISIANA	WZ5Q	JT65b	(3)	6,22
19/2/2011	OK OKLAHOMA	K0CIY	JT65b	(3)	6,22
28/8/2011	UT UTAH	K7ULS	JT65b	(3)	6,22
28/4/2012	ND NORTH DAKOTA	NT0V	JT65b	(4)	7,91
24/6/2012	HI HAWAII	KH7Y	JT65b	(4)	7,91

13/10/2012	VT VERMONT	W1ICW	JT65b	(4)	7,91
21/11/2012	AL ALABAMA	W4ENN	JT65b	(4)	7,91
6/1/2013	WV WEST VIRGINIA	WB8TFV	JT65b	(3)	6,22
13/1/2013	CO COLORADO	N0KE	JT65b	(4)	7,91
18/1/2013	NV NEVADA	W70JT	JT65b	(4)	7,91
6/1/2014	MI MICHIGAN	KF8MY	JT65b	(4)	7,91
2/3/2014	MS MISSISSIPPI	K5WBM	JT65b	(4)	7,91
7/5/2014	SD SOUTH DAKOTA	W7XU	JT65b	(5)	13,18
24/5/2014	AR ARKANSAS	W5ZN	JT65b	(5)	13,18
22/1/2015	NE NEBRASKA	K1MEA	JT65b	(5)	13,18
8/6/2015	WY WYOMING	KB7Q	JT65b	(5)	13,18
29/9/2015	IA IOWA	KB7Q/0	JT65b	(5)	13,18
3/10/2015	MO MISSOURI	N0IRS	JT65b	(5)	13,18
24/5/2017	RI RHODE ISLAND	N1NK	JT65b	(6)	26,36

(1) : 100W + 17el F9FT (3,1wl) fixed 10° Elevation

(2) : 300W + 9el Wimo (2,4wl) No Elevation

(3) : 300W + 12el DK7ZB (3,8wl) No Elevation

(4) : 300W + 2x9el DK7ZB (2,4wl) with Elevation

(5) : 500W + 2x9el DK7ZB (2,4wl) with Elevation

(6) : 1kW + 2x9el DK7ZB (2,4wl) with Elevation