

The 54th Annual Pennsylvania QSO Party  
 October 8 and 9, 2011  
 Official Summary and Score Sheet

administrative use only

Call  Section  PA County  Time Zone

Name  PA Club Affiliation

Address  Phone

City  email Address

State  Zip

AMT

CSH

CK

CK#

DNT

NSF

SF

Entry Class Check 1 box in each section

- |  |                                       |  |
|--|---------------------------------------|--|
| <input type="checkbox"/> Single Op                           | <input type="checkbox"/> Home Station | <input type="checkbox"/> QRP 5 watts or less           |
| <input type="checkbox"/> Multi-Op Single TX                  | <input type="checkbox"/> Mobile       | <input type="checkbox"/> Medium Power - 5 to 150 Watts |
| <input type="checkbox"/> Multi Op Multi TX                   | <input type="checkbox"/> Portable     | <input type="checkbox"/> QRO - over 150 Watts          |
| <input type="checkbox"/> CW Only - single Op only <150 Watts | <input type="checkbox"/> Rover        |  |

Score calculation

	QSOs		Points		Multipliers	
CW	<input type="text"/>	X2	<input type="text"/>	Counties	<input type="text"/>	Total Points <input type="text"/> XTotal Mults <input type="text"/> Equals Raw Score <input type="text"/>
RTTY	<input type="text"/>	X2	<input type="text"/>	Sections	<input type="text"/>	
PSK	<input type="text"/>	X2	<input type="text"/>	DX-1 only	<input type="text"/>	
SSB and FM	<input type="text"/>	X1	<input type="text"/>	Total QSOs	<input type="text"/>	

**QRP Bonus**   
**X2** Check here

Total Score = Raw Score X Bonus Multiplier

Special Event Station Bonus-add  
 200 points for each QSO with K3SMT **Number of K3SMT QSOs**  X 200=

Mobile and Rover bonus Pennsylvania Mobile and Rover only  
 Mobiles - Counties operated from - 10 QSO minimum  X 500   
 Rovers - Counties operated from - 10 QSO minimum

Stations must submit one summary for each county and a final aggregate summary  
 PAQSO Party T-Shirts - 16.00 **Final Score = Total Score + Bonus points**

Total Number

Number of each Shirt size sm  med  lg  xl  xxl  xxxl

A donation of a few dollars to help defray printing and mailing costs would be greatly appreciated. Thanks!

- Check box
- I am eligible for Beacon Award competition for Blind Hams
- First time entrant from Pennsylvania and not a "Big Gun" in other contests
- Worked all 67 counties in the party plaque

Total 20 meter QSOs  
 If you wish to be considered for the Good Neighbor Plaque

Send log and dupe sheets with Summary Sheet by November 15th to:

PAQSO Party 2011 c/o Nittany Amateur Radio Club  
 P.O. Box 614  
 State College, PA 16804-0614

or email log and dupe sheets to paqsolog@nittany-arc.net

**All OPs must send paper summary to above address**

Administrative use only

# Pennsylvania QSO Party Log Sheet

Call \_\_\_\_\_ County \_\_\_\_\_ Section \_\_\_\_\_ Club \_\_\_\_\_ Page \_\_\_ of \_\_\_

DATE	FREQ	MODE	NUMBER	TIME	CALL	NR RCVD	COUNTY	SECTION	NEW MULT	QSO PTS
			1							
			2							
			3							
			4							
			5							
			6							
			7							
			8							
			9							
			0							
			1							
			2							
			3							
			4							
			5							
			6							
			7							
			8							
			9							
			0							
			1							
			2							
			3							
			4							
			5							
			6							
			7							
			8							
			9							
			0							
			1							
			2							
			3							
			4							
			5							
			6							
			7							
			8							
			9							
			0							
			1							
			2							
			3							
			4							
			5							
			6							
			7							
			8							
			9							
			0							





# Pennsylvania QSO Party 2011 Official Rules

## Purpose of the party

**Pennsylvania Amateurs** try to contact as many other amateurs in Pennsylvania, the United States, Canada and the world. Pennsylvania Amateurs receive multipliers for each Pennsylvania county, US and Canadian section, and one multiplier for DX entities.

**Non Pennsylvania Amateurs** try to contact as many Pennsylvania Amateurs as possible. Non-Pennsylvania Amateurs receive a multiplier for each Pennsylvania County with a QSO.

**A Pennsylvania Amateur is defined** as an Amateur operating in the State of Pennsylvania, without regard to the Amateur's home address. Other Operators are considered Out-of-state.

**Operating Periods** – 1600Z October 08 to 0500Z October 09, and 1300Z October 09 to 2200Z October 09.

## Bands for the QSO Party:

160 meters, 80 meters, 75 meters, 40 meters, 20 meters, 15 meters, 10 meters, 6 meters, 2 meters, Above 2 meters, QSOs are permitted, but those frequencies are not much in use for the party at this time. Interested Operators are encouraged to set up skeds if desired.

## Suggested Frequencies:

SSB: 1.850, 3.825, 7.200, 14.280, 21.380, 28.480, 50.125, 146.55. Note that 12, 17, 30, 60 meter and repeater QSOs are not permitted. CW: 40 KHz up from the bottom and 1810KHz PSK: 3.580, 7.080, 14.07015, 21.080, 50.250 RTTY: 3.580, 7.080, 14.080, 21.080, 28.080 160 meters Try at 0300Z Sunday Follow 160 meter band plan

## Hi Band Activity periods

Sat and Sun: 10M – 1800Z 15M – 1900Z 20M – 2000Z SSB on the hour, CW on the half hour.

**Mobile Window** – 5 KHz below listed suggested frequencies. Keep this area clear for weak mobiles.

**Exchange** – Sequential serial number plus county or ARRL or Canadian section (see Canadian sections for details). Stations on county line give out 1 serial number per contact plus multiple county multipliers. Work stations once per band and mode. Work Rovers and mobiles again as they change counties.

## Scoring:

QSO points: CW = 2 points/QSO

PSK = 2 points/QSO

RTTY = 2 points/QSO

SSB = 1 point/QSO

FM = 1 point/QSO

Special Event or bonus Station QSO = 200 points bonus per QSO

The Special Event Station for the 2011 PAQSO Party is K3SMT operated by the Somerset County Amateur Radio Club.

## Entry Divisions

Single operator Medium power – 6 to 150 Watts  
Single Operator QRO – 151 Watts to Legal band limit  
QRP Operator - 5 Watts or less  
Single Operator CW only - 150 Watts or less  
Multi-Single - Only one signal on air at a time  
Multi-Multi  
Portable  
Single OP Portable  
Multi-Single - Only one signal on air at a time  
Portable Multi - Multi  
Mobile - Single  
Mobile - Multi  
Rover

## Station Definitions

**A Home station** is a station that is operated from a fixed position. It does not need to be a domicile. Club stations are considered home stations.

**A Portable station** is a station that is set up for the purpose of operating in the party, with the intention of teardown in the post party period. Typical of a portable station would be operations from a camp cabin or tent. Antennas are not restricted, but are typically more home station like. Portable stations are not restricted in their power source. Battery, Generator, or mains power is perfectly acceptable.

**A Mobile station** is a station that is capable of operation while moving. Moving is defined as travel in a legal manner on Pennsylvania Highways. The antenna must be of a type generally accepted as a mobile antenna. Mobile stations are not required to be in motion while operating. For the purposes of the party, to be counted as a mobile, you must be operating within the Commonwealth of Pennsylvania. Note that this does not exclude mobile operation outside of Pennsylvania. It means that outside of the commonwealth, there are no mobile bonuses available, so no need for the designation. A mobile single station is one single operator, a Mobile Multi-Operator is an Operator plus a driver.

**A Rover station** is a station that is capable of moving from one place to another, but is typically using an antenna that is set up on site, then torn down and moved to another site. Rovers do not operate as a mobile en route between stations.

**QRP operations** are those operations at a power of 5 watts or less. They may be undertaken on any station setup capable of operation at 5 watts or less. If a QRP multiplier is to be claimed, the entire party must have been run at QRP level.

## Scoring Multipliers for Pennsylvania Stations:

ARRL Sections + Canadian Sections + PA Counties + 1 DX. See Canadian Section explanation for details.

**Multipliers for Stations operating outside of Pennsylvania:** Pennsylvania Counties.

**Final Score** = Total points times Total Multipliers.

**QRP Operation Bonus Multiplier** = Total Points times 2.

**PA Mobile operation Bonus points:**

Add 500 Points to final score for each county you operated from where you made at least 10 QSOs.

**PA Rover operation Bonus points**

Add 500 Points to final score for each location you operated from where you made at least 10 QSOs.

**Additional Mobile and Rover rules**

**A Mobile station** must be truly mobile, using an antenna accepted as a mobile antenna, and capable of moving between counties without any setup/teardown. Note that adjusting taps on a “Bugcatcher” antenna is not considered to be setup or teardown.

**Mobile stations identify** by the addition of /M or /(county) to their call signs for CW, RTTY, and PSK and spoken Mobile on SSB or FM.

Mobile stations must submit a summary for each county operated from, and an aggregate summary for the party.

**Rover stations identify** by the addition of /R or /(county) to their call signs for CW, RTTY, and PSK and spoken Rover on SSB or FM.

Rover stations must travel 5 miles or more between stops to be eligible for the 500 point bonus.

Rover stations must submit a summary for each county operated from, and an aggregate summary for the party.

**County Line Stations**

County line stations may be either Home Stations or Portable stations. Mobile or Rover stations are not eligible. Note: if a station that is essentially a mobile station ie, a transceiver in a vehicle with a mobile antenna wished to run county line, they could do so, but at the expense of being mobile. That would be their position for the entire party, and they would enter as a county line station, and not as a mobile.

**A County line station is defined** as follows. The station must be situated very near the boundaries of at least two or more adjacent counties. Ideally the antenna should cross the boundary, but safety and practicality do not always allow that. Many boundaries are in the middle of rivers or highways. The key element is that the station must be set up as near as practical to the adjacent borders. Party officials are available to determine admissibility of any county line station setup.

**Bonus Stations:**

The PAQSO party will at it’s discretion have a special bonus station during the party. The station may consist of a single station, multiple stations in different counties, or other novel operations. QSOs with the bonus station are worth 200 points, and any multiplier that has not been claimed yet. The Bonus Station for 2011 is K3SMT operated by the Somerset County Amateur Radio Club.

## **Entry Materials:**

Entry materials consist of a log and dupe sheets and an official summary sheet or reasonable facsimile. 100 points will be deducted for each duplicate QSO found. All entry materials can be downloaded from the website.

**Entry materials must be received by November 15<sup>th</sup>** following the party in one of three ways:

1 Paper copies of all materials may be sent via US Mail or other delivery service

2 Electronic logs on CD may also be sent vial US Mail or other delivery service.

3 Electronic Logs may be submitted via email to [paqsolog@nittany-arc.net](mailto:paqsolog@nittany-arc.net)

**Note:** do NOT send email communications to the paqsolog address. That address is set up exclusively for logs.

Non-log email submissions will not get to us. Use the regular email addresses for the party chairs.

[mcoslo@comcast.net](mailto:mcoslo@comcast.net) or [w3jxp@comcast.net](mailto:w3jxp@comcast.net).

## **Donations**

A donation of 3 dollars or more along with your entry will help us to defray mailing and printing costs associated with the party, and will be greatly appreciated.

**Whatever method of submitting a log, an official Summary sheet or reasonable facsimile must be filled out and mailed to the Nittany ARC for the party. An official summary that can be filled out on-line ant that will calculate the score from your input is available at <http://www.nittany-arc.net/entryforms.htm> Just fill it out, print it, and mail it.**

Mailing address: PAQSO Party 2011 c/o NARC

P.O. Box 614 State College PA 16804-0614

**Logs submitted without a mailed summary sheet will be treated as a check log**

## **Plaques and Awards**

Plaques go to top scorers in all entry divisions plus: Single Op Out of State Eastern Time Zone Central Time Zone Western Time Zone Out of State Medium Power Out of State QRP Top Canadian Entry DX Single Op Medium Power EPA Single OP High Power EPA Single Op Medium Power WPA Single OP High Power WPA Rover Single or Multi single Rover Multi-Multi 20 meter "Good Neighbor" - to be considered for this award, submit total 20 meter QSO's.

## **Plaque for top first time entrant**

Intended to encourage new contesters, a plaque can be awarded to the top single operator from Pennsylvania who enters the party for the first time. If you got your feet wet logging or operating briefly at a multi-op station, you are still eligible. This is not an award for "Big Guns from other contests. The decision as to eligibility for this award is the Contest chairs.

## **All 67 County Plaque**

If you work all 67 counties during the party, a special plaque can be awarded in recognition of that feat. To order submit a 67 county summary sheet to aid the log checkers in addition to the regular summary listing the pertinent details. Then enclose a check for 28 dollars made payable to NARC.

## **Club Competition Award**

A Trophy is awarded to top club competition Station

Certificates to 2<sup>nd</sup> through 5<sup>th</sup> place Club competition

The winner is determined by summation of the scores of club members. The current status of club members is determined by a list that is provided by a club officer, preferably the club president. The PAQSO chair will ask for the list after the party and the top club scores become apparent.

## **County and Section Certificates**

Certificates will be mailed to county and section winners. To qualify for a certificate, the Operator must compile more points than other operators from that section or county. In some cases, a mobile operator may be the leading scorer from several counties. In that event, the mobile Op will receive the corresponding certificates. The PAQSO party administration will mail the certificates to the respective winners.

## **Special Certificates**

The PAQSO Party may at times offer special certificates for various achievements in the party. These certificates will usually be awarded after the achievement has been made, and after receiving a Self addressed stamped envelope.

## **Participation T Shirts**

Anyone participating in the Party in any way is eligible for a PAQSO Party participant T-Shirt. To order, mark on the summary sheet the Shirt (s) and size (s) desired, and a check for 15 dollars for each shirt made payable to NARC.

## **Canadian Sections**

The Canadian sections in use by the PAQSO party have been changed.

Nova Scotia NS (VE1)

Quebec QC (VE2)

Ontario ON (VE3)

Manitoba MB (VE4)

Saskatchewan SK (VE5)

Alberta AB (VE6)

British Columbia BC (VE7)

Northwest Territories NT (VE8)

New Brunswick NB (VE1, VE9)

Newfoundland-Labrador NL (VO1, VO2)

Nunavut NU (VY0)

Yukon Territories YT (VY1)

Prince-Edward Island PE (VY2)

## Logging programs

N1MM free contest logging

<http://www.n1mm.com>

WB3W-logging program

<http://www.wb3w.net/maqpdwn.htm>

N3FJP-Amateur Contact Log Program

<http://www.n3fjp.com>

Writelog

<http://www.writelog.com>

W3KM-Genlog Software

[http://www.qsl.net/w3km/gen\\_log.htm](http://www.qsl.net/w3km/gen_log.htm)

The PAQSO Website is located at:

<http://www.nittany-arc.net/paqso.html>

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**The PAQSO Party reflector** – To subscribe, send a two word message “subscribe paqso” to [majordomo@QTH.net](mailto:majordomo@QTH.net)

### Electronic logs to:

[paqsolog@nittany-arc.net](mailto:paqsolog@nittany-arc.net)

PAQSO Party Chair Michael J Coslo N3LI

PAQSO Party Co-Chair John Passaneau, W3JXP

## Pre-Party Net

To check on party activity regarding mobiles, portables, rovers and general information, there will be a net on Friday, October 8, at 0000Z 3.910 LSB +/-.

# Pennsylvania QSO Party Records

Updated: 21 July, 2009

## Pennsylvania Single Operator

Abbrev	County	Call	Score	Year
ADA	Adams	K3ONW	219,565	2003
ALL	Allegheny	N3LL	260,675	2001Q
ARM	Armstrong	KA3NUM	186,630	1995
BEA	Beaver	N3SD	193,110	2006
BED	Bedford	KM3D	127,467	1994
BER	Berks	W3ZI	380,261	2006
BLA	Blair	W3SO	226,236	2006
BRA	Bradford	WV2B	220,104	1995
BUX	Bucks	K3WW	288,168	2002
BUT	Butler	K5ZD	151,074	1990
CMB	Cambria	WA3SES	233,010	2002
CRN	Cameron	N3BK	158,937	1997
CAR	Carbon	K3PP	207,140	2001
CEN	Centre	K3CR	306,204	1999
CHE	Chester	NW3B	256,594	1991
CLA	Clarion	N3IXR	168,613	1999
CLE	Clearfield	K3JE	132,160	1999
CLI	Clinton	NK8Q	186,248	2010
COL	Columbia	K3MD	244,832	2002
CRA	Crawford	N3LL	260,675	2002Q
CUM	Cumberland	NY3G	186,448	1996
DAU	Dauphin	KQ3F	239,732	2002
DCO	Delaware	NY3Y	150,730	1998
ELK	Elk	WA3SES	150,569	1997
ERI	Erie	K3GY	186,631	2000
FAY	Fayette	N3BK	229,500	1998Q
FOR	Forest	W3YQ	238,642	1990
FRA	Franklin	W3TDF	163,535	2010
FUL	Fulton	W3TDF	179,551	1998
GRE	Greene	N3LL	237,724	2003Q
HUN	Huntingdon	N3LL	216,472	2006Q
INN	Indiana	W3TDF	192,292	2002
JEF	Jefferson	K3MD	245,116	1995
JUN	Juniata	W3TDF	194,914	2000
LAC	Lackawanna	KA3QLF	184,090	2006Q
LAN	Lancaster	N3BNA	154,115	1998
LAW	Lawrence	N3IXR	160,577	1998
LEB	Lebanon	N3RJ	221,939	2005
LEH	Lehigh	KU3K	204,585	1995
LUZ	Luzerne	K2LNS	240,557	2003
LYC	Lycoming	KC3M	171,888	2002
MCK	McKean	KD3D	174,363	2002
MER	Mercer	K3LR	318,890	1987
MIF	Mifflin	NK8Q	130,242	2007
MOE	Monroe	K3NM	333,924	2001
MGY	Montgomery	N3AD	225,924	1988
MTR	Montour	W3TDF	164,806	1996
NHA	Northampton	K3ANS	246,033	1996
NUM	Northumberland	W3TDF	167,880	2004
PER	Perry	K3SV	235,131	2003
PHI	Philadelphia	WK3L	293,668	1992
PIK	Pike	K3MX	169,580	2002
POT	Potter	W3TDF	117,366	1993
SCH	Schuylkill	K3TEJ	279,211	2002Q
SNY	Snyder	K3MD	260,860	2005
SOM	Somerset	K8SYH	73,480	1999
SUL	Sullivan	W3TDF	139,060	1992
SUS	Susquehanna	N3MV	159,272	2000
TIO	Tioga	N3FTI	122,683	1997
UNI	Union	W3TDF	199,309	2003
VEN	Venango	WA3QNT	103,142	2002
WAR	Warren	N3FR	210,916	2003
WAS	Washington	NW3C	276,400	1994Q
WAY	Wayne	W3TDF	193,229	2005
WES	Westmoreland	N3LL	270,928	2004Q
WYO	Wyoming	N3XLS	327,490	2009
YOR	York	W3ZGD	276,047	2007

## Out-of-State

Sec.	Call	Score	Year
W0	CO K0RI	22,672	2000
	IA N0AC	48,937	2005
	KS KA3LOC	30,812	1998Q
	MN W3FAF	53,153	2003Q
	MO K0JPL	30,436	2003
	ND WB0O	4,940	1990
	NE N0WY	11,792	2001
	SD K0HW	16,928	2004
W1	CT K8HVT	53,640	1987Q
	EMA K1VUT	72,848	1996Q
	ME NY1S	41,380	2002
	NH K1EPJ	34,887	2001
	RI W1KDA	19,144	2005
	VT W3SOH	32,036	2010
	WMA W1AUV	29,180	2005
W2	ENY NW2J	44,919	1990
	NLI KA2AEV	38,049	1987
	NNJ K5KG	59,225	1997
	NNY WZ2T	38,400	1999Q
	SNJ N2CQ	54,875	2000Q
	WNY AI2S	59,345	1988Q
W3	DEL NX3A	43,851	1991
	MDC K3TW	42,784	2005Q
W4	AL N4JF	69,407	2003Q
	GA N4PN	61,496	2005
	KY KG4BIG	26,024	2000
	NC K3ATO	38,949	2004
	NFL NF4A	28,180	2004
	SC KA4NWS	21,119	2005
	SFL N3ISH	21,018	2007
	TN W4CAT	66,861	2000
	VA WA4PGM	94,005	1994Q
	WCF N4IG	23,250	2007
W5	AR K5DB	40,785	2004
	LA W5WG	14,711	1983
	MS NI5F	13,985	2995
	NM K5IID	26,600	1992
	NTX N5JB	39,684	2007
	OK K5UV	18,595	2003
	STX W5MN	24,940	1998
	WTX WF5E	18,526	1989
W6	EB W6ABC	7,642	1999
	LAX N6HC	16,632	1983
	PAC NH6HF	405	1990
	ORG N6HC	28,120	2002
	SB K6YR	14,251	2003
	SCV AE6Y	13,706	1999
	SDG WN6K	15,372	2000
	SF N6YEU	6,025	2005
	SJV N6MU	40,607	2000
	SV W3FF	21,110	2000
W7	AK AL1G	1,386	2004
	AZ N7JXS	13,860	1994
	EWA KN7L	5,605	1983
	ID WB7CYO	4,847	1991
	MT NW7O	3,062	2003
	NV NW7O	5,648	2000
	OR K0JJ	19,328	2007
	UT K6XO	6,975	1991
	WWA AB7RW	12,563	1998
	WY KO7X	19,295	2010
W8	MI AA8AV	70,279	1996
	OH W8TM	54,298	2010Q
	WV K5IID	60,000	1998Q
W9	IL K9BG	56,106	1995
	IN W9XD	41,956	2004
	WI W2W0E	37,120	1996

## Canada & DX

Sec.	Call	Score	Year
NB	VE9CEH	16,491	2009
NF	VO1AW	5,358	1987
NS	VE1TI	3,629	1990
PEI	VY2SS	1,363	2001
VE2	VE2AWR	26,715	1999
VE3	VE3KZ	60,070	2001Q
VE4	VE4AKN	1,300	1983
VE5	VE5BCS	1,781	2005
VE6	VE6CCO	5,220	1983
VE7	VE7XB	15,225	2002
VE8	-	-	-
VO2	-	-	-
YUK	VY1JA	561	2000
DX	DL6KVA	17,913	2002
PR	KP4KDI	117	1971
VI	NP2SH	29,992	2003

## Pennsylvania Multi-Operator

Call	Score	Year	
ADA	K3YTL	327,161	2003
ALL	W3KWH	194,677	2003
ARM	KD8MQ	65,982	2003
BEA	N3SD	237,104	2004
BED	N3NWA	69,136	1996
BER	NE3F	388,066	1991
BLA	W3SO	266,280	2005
BRA	N3WDX	40,248	1998
BUX	AA3B	147,968	1984
BUT	AA3LX	119,366	2000
CMB	NN3L	15,255	1992
CRN	W3SK	57,900	2001
CAR	W3HA	502,498	1999
CEN	NW3Z	371,910	1997
CHE	N3KZ	156,110	1992
CLA	N3SH	136,586	2002
CLE	N3DLJ	213,583	1990
CLI	KN4SK	80,318	1997
COL	K3MD	180,766	2000
CRA	K3DR	148,892	1998
CUM	W3UU	28,593	1980
DAU	K3AN	101,480	1997
DCO	NY3Y	155,581	1996
ELK	WR3D	138,056	1996
ERI	K3TUP	249,130	1987
FAY	NN3L	195,643	1990
FOR	K8ATQ	100,634	2002
FRA	AD3E	184,315	2002
FUL	AD3E	184,315	2002
GRE	N3GC	126,830	2000
HUN	KR3C	172,667	1986
INN	WI8T	87,598	1997
JEF	K3MD	238,738	1994
JUN	N3EB	175,829	2001
LAC	NX3Y	200,796	1995
LAN	W3SK	168,564	1996
LAW	N3C	68,402	1998
LEB	N3RM	134,630	2002
LEH	K3AW	52,548	1998
LUZ	K3YTL	442,668	2005
LYC	KC3M	127,838	2000
MCK	KA3FZN	89,764	1997
MER	K3LR	270,438	1986
MIF	KB3GDG	111,640	2003
MOE	K3II	597,922	2000
MGY	N3DFF	18,000	2001
MTR	N3XJX	52,212	2002
NHA	W3FRC	704,472	2002
NUM	KN4SK	68,006	1999
PER	WF3T	211,654	1997
PHI	N3KZ	152,700	1983
PIK	N3GWR	120,648	1995
POT	WY3T	201,990	1999
SCH	K3TEJ	231,497	1998
SNY	K3MD	212,200	2004
SOM	K8SYH	116,828	2003
SUL	N3JYY	154,368	2003
SUS	NM3K	133,558	1994
TIO	K3T	181,050	1999
UNI	NN3L	261,532	1991
VEN	N3JQW	100,993	2000
WAR	KB3CAB	63,630	2002
WAS	KA4NWS/3	144,641	2007
WAY	W3W	91,782	1997
WES	K3MJW	259,976	2007
WYO	N3XLS	327,490	2008
YOR	W3ZGD	276,047	2007

## OVERALL RECORDS

Eastern Time Zone	WA4PGM	72,290	2003Q	CW	K3TEJ	222,074	2003	Multi-Single	W3USA	302,770	2005
Central Time Zone	N4JF	69,407	2003Q	1st Time PA Single op	K3RDA	137,865	2004	Multi-Multi	W3FRC	704,472	2002
Mtn/Pac Time Zones	N6MU	40,607	2000	High power EPA	K3NM	333,924	2001	NARC Single Op	N3EB	235,288	2003
Canada	VE3KZ	60,070	2001	High power WPA	K3CR	306,204	1999	Novice/Tech	N3HWJ	102,765	1991
DX	NP2SH	29,992	2003	Medium Power EPA	WK3L	293,668	1992	Port.Single Op	N3LL	270,928	2004Q
Out of State (QRP)	WA4PGM	94,005	1994	Medium Power WPA	K3LR	318,890	1987	QRP	K3TEJ	279,211	2002Q
Club Record	Frankford RC	2,625,150	2002	Mobile (Multi-op)	W3USA	303,002	1997	Rover	KN4SK	232,175	2003