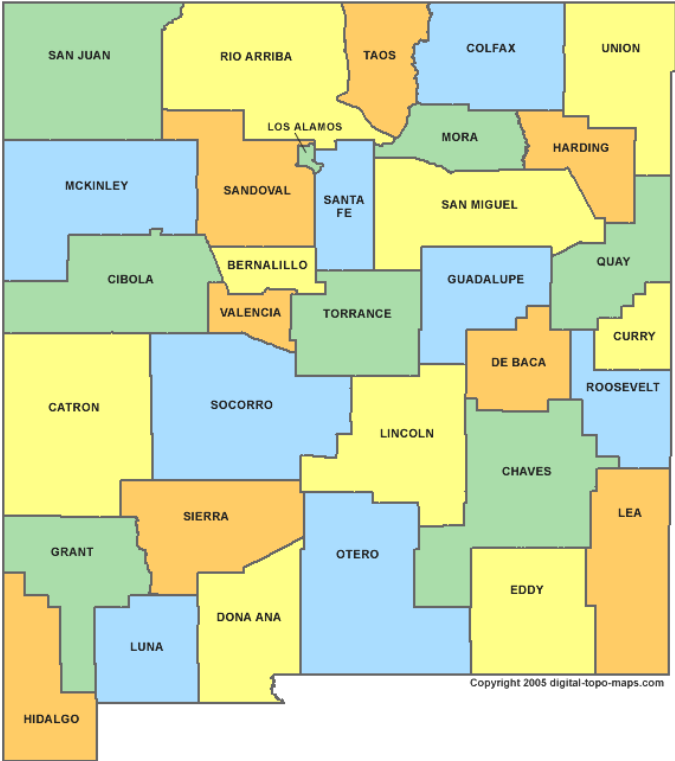


2012 New Mexico *Centennial* QSO Party Form Packet

Last modified: March 7, 2012



2012 New Mexico *Centennial* QSO Party Rules

1. Object:

- a. Stations inside New Mexico work anyone in as many New Mexico counties, states, Canadian provinces, and DX countries as possible. Stations outside New Mexico work only New Mexico stations in as many New Mexico counties as possible.

2. Contest Period:

- a. The second Saturday of April 8:00 am MDT (1400 UTC) through 8:00 pm MDT (0200 UTC). Contest duration is 12 hours. Participants may operate for the entire duration of the contest.

3. Contest Bands & Suggested Frequencies

- a. Contest bands: 160, 80, 40, 20, 15, 10, and 6 meters
- b. Contacts on WARC bands and VHF bands (above 6 meters) are not permitted.
- c. Suggested frequencies:
 - i. CW: 1850, 3550, 7045, 14050, 21050, 28050 kHz and 50.095 MHz.
 - ii. Phone: 1850, 3815, 7260, 14280, 21380, 28380 kHz and 50.130 MHz
 - iii. Digital: Around each mode's customary calling frequencies.

1. **NOTE:** The frequencies above are only suggestions. If other stations are using a frequency for a QSO, net, or another QSO party, please tune to a nearby frequency and call "CQ New Mexico QSO Party" (or search for other NM QSO Party participants calling CQ).

4. Contest Modes

- a. SSB, CW, digital (any computer-to-computer mode is considered digital)

5. Classes

- a. **Single Operator.** One person performs all operating and logging functions. Only one (1) transmitted signal on the air at any time. All transmitters, receivers, and antennas must lie within a 500-meter circle. This includes a portable, temporary fixed (non-mobile) station. Use of spotting assistance or nets (operating arrangements involving other individuals, DX-alerting nets, packet, multi-channel decoders such as CW Skimmer, etc.) is *not* permitted.
- b. **Multi-Operator.** More than one person performs operating and logging functions. Only one signal per band per mode allowed at any time. All transmitters, receivers, and antennas must lie within a 500-meter circle. This includes a portable, temporary fixed (non-mobile) station. Use of spotting assistance or nets (operating arrangements involving other individuals, DX-alerting nets, packet, multi-channel decoders such as CW Skimmer, etc.) is permitted.
- c. **Mobile.** Consistent with County Hunter rules (<http://www.countyhunter.com>), "making contacts using a radio in or on a movable vehicle is a Mobile Operation. The vehicle does not have to be in motion. The radio must be powered by the vehicle or other power source that is contained in the vehicle and which is independent of all commercial or other outside power sources. The vehicle must be capable of movement without having to disconnect any wiring or antennas in order to move to another location. Examples of vehicles that are capable of mobile operation include automobiles, trucks, RV's, trains, bicycles, airplanes, and buses." There are two classes of mobile operation.
 - i. **Single Operator.** One person performs all operating, logging, and driving functions. NOTE - Operating in this category does not require simultaneous operating, logging and driving. Operators who choose to simultaneously operate, log and drive are reminded that doing so is extremely dangerous –

safety first! The use of spotting assistance or nets (as described above) is *not* permitted.

- ii. **Multi-Operator.** More than one person performs operating, logging, and driving functions. NOTE - Operating in this category does not require simultaneous operating, logging and driving. Operators who choose to simultaneously operate, log and drive are reminded that doing so is extremely dangerous – *safety first!* The use of spotting assistance or nets (as described above) is permitted.

6. Exchange

- a. New Mexico stations: Name and New Mexico county
- b. Non-New Mexico stations: Name and State/Province/DXCC entity

7. QSO Points

- a. Each complete Phone contact is worth **1 point**.
- b. Each complete CW contact is worth **2 points**.
- c. Each complete Digital contact is worth **2 points**.

8. Multipliers / Bonuses

- a. **Power Multipliers** (the highest output power used at any time during the contest will determine the power multiplier for all contacts.)
 - i. QRP: 5W output or less: **x5**
 - ii. Low Power: > 5W - 150W output or less: **x2**
 - iii. High Power: more than 150W output: **x1**
- b. **Location Multipliers for New Mexico participants**
 - i. Multiply QSO points by total of each different NM county worked (up to 33), states worked (up to 50), Canadian provinces worked (up to 13; see below) and DXCC entities worked.
 - 1. Alaska and Hawaii count as state multipliers only; DC counts as Maryland.
 - 2. United States and Canada do not count as a DXCC entity multipliers.
 - 3. Each multiplier may be counted **ONLY ONCE**, regardless of mode or band.
 - ii. List of Canadian Provinces: Alberta (AB), British Columbia (BC), Manitoba (MB), New Brunswick (NB), Newfoundland-Labrador (NL), Nova Scotia (NS), Ontario (ON), Prince-Edward Island (PE), Quebec (QC), Saskatchewan (SK), Northwest Territories (NT), Nunavut (NU), Yukon Territories (YT)
- c. **Location Multipliers for Non-New Mexico participants**
 - i. Multiply QSO points by total of each different NM county worked (up to 33).
 - ii. Each multiplier may be counted **ONLY ONCE** regardless of mode or band.
- d. **Mobile operations bonus (for New Mexico mobile stations only)**
 - i. Add an additional 5,000 points to the final score for every county from which at least 20 valid QSOs were made.

9. Scoring

- a. **For non-mobile participants:**
Total = Sum of QSO points from all bands **x** power multiplier **x** location multiplier
- b. **For mobile participants:**
Total = (Sum of QSO points from all bands and counties operated from **x** power multiplier **x** running total of location multipliers) **+** Mobile operation bonus
(For example, if you work GA, NC, and BER from one county, and BER, IN, OH from the next county you operate from, your running total of location multipliers is five [5]. BER may only be counted as a multiplier once.)

10. Miscellaneous

- a. Complete exchange information must be received by each station for a complete QSO.

- b. All contacts must be made without the assistance of intermediary stations, such as repeaters, digipeaters, satellites, etc.
- c. Stations may be worked only once per mode, per band.
- d. A New Mexico mobile station that travels into a new county is considered to be a new station and may be contacted again for point and multiplier credit. A NM mobile stations that travels into a new county may contact other stations again for point credit (however multipliers may only be counted once).
- e. Consistent with County Hunter rules (<http://www.countyhunter.com>), “a stationary mobile may operate on a County Line and contacts with the mobile can be used as credit for both counties. Some part of the vehicle used for the mobile contact must be located in each county on the County Line.” Furthermore, “only one County Line at a time can be run for New Mexico QSO Party credit. If the mobile is operating from the intersection of three or more USA Counties, only two counties at a time may be counted for the same contact.”
- f. County lines are defined as per County Hunter rules (<http://www.countyhunter.com>).
- g. **New Mexico Club Competition.** A plaque will be awarded to the New Mexico club with the highest aggregate scores submitted by its individual members. The individual scores can be from any and all categories, but each entrant must clearly indicate the club name in their paper log or Cabrillo formatted electronic log. Participation in the New Mexico QSO Party makes for a great club activity, so talk it up!

11. Reporting

- a. Cabrillo formatted electronic logs are preferred over paper logs. A list of known logging software that utilizes the proper New Mexico QSO Party Cabrillo template, please visit the [New Mexico QSO Party website](#).
- b. Log developers: Please refer to Section 14 of these rules for required Cabrillo log template/format.
- c. Paper logs will be accepted. Valid paper logs must include (a) a completed check sheet; (b) completed logsheets; and (c) a completed summary sheet. Only forms provided on the New Mexico QSO party website at <http://www.swcp.com/~n5zqt/nmqsoparty> will be accepted. Writing must be legible; incomplete or illegible logs will be disqualified.
- d. Participant logs must be received via email or postmarked no later than May 5, 2012.
- e. Electronic logs may be emailed to nmqsoparty@gmail.com Paper logs may be submitted via postal mail to:

New Mexico QSO Party
c/o Jerry Aceto K6LIE
1023 Purple Aster Dr
Bernalillo, NM 87004

- f. Final results will be posted on the New Mexico QSO Party website not later than June 5, 2012.

12. Awards and Participant Certificates

- a. Plaques or certificates will be awarded to first place winners in various categories. Winning Multi-Op teams will receive a single plaque and certificates for each team member. A list of available awards and sponsors is provided at <http://www.swcp.com/~n5zqt/nmqsoparty>. Sponsorship of awards may be changed at the discretion of the judging group based on contest category entries.
- b. Special awards may be made at the discretion of the New Mexico QSO Party Contest Committee. The committee welcomes individual hams or clubs to sponsor awards. See event website for details.
- c. Participants may purchase a participant certificate for \$3.00 payable by cash or check written to “**High Desert Amateur Radio Club**” (covers certificate, color printing, envelope and postage).

- i. A valid log entry (either electronic or paper) must be submitted to be eligible for a participant certificate.
- ii. If you are submitting a paper log, please include payment with that paperwork.
- iii. If submitting an electronic log, please send payment via postal mail to the address shown above.
- iv. In all cases ensure that your name and callsign is clearly identified with your payment.
- v. Unless you request otherwise, name printed on certificate will be identical to name reflected in paper/electronic logs.

13. Condition of Entry

- a. Each entrant agrees to be bound by the provisions, as well as the intent, of this announcement, the regulations of his or her licensing authority and the decisions of the New Mexico QSO Party committee. Participants will not hold the New Mexico QSO Party or its sponsors liable for any consequences resulting from any activity associated with this contest.

14. Required Cabrillo Log Format

- a. Log developers: Please utilize the following Cabrillo template if you wish to support the New Mexico QSO Party.

- All QSO data should be **space delimited** for proper parsing as follows:

```

-----INFO SENT----- -----INFO RCVD-----
QSO:  FREQ  MO DATE      TIME CALL      NAME      QTH  CALL      NAME      QTH
QSO:  ***** ** YYYY-MM-DD NNNN ***** ***** ***** ***** *****
QSO:  14060 PH 2011-04-09 1811 KB5SXB/M  EDWARD   SAN  W5RMY    PATRICK   BER

```

- All dates/times are in UTC
- Modes are PH, CW, or RY. Use RY to designate all digital modes.
- QTH is three letter NM county abbreviation, or two-letter state/province abbreviation, or "DX".
- Cabrillo log filenames are **call.log**, where "call" is the station callsign used in the New Mexico QSO Party.

The following template with column IDs may be use if desired.

```

-----INFO SENT----- -----INFO RCVD-----
QSO:  FREQ  MO DATE      TIME CALL      NAME      QTH  CALL      NAME      QTH
QSO:  ***** ** YYYY-MM-DD NNNN ***** ***** ***** ***** *****
QSO:  14060 PH 2011-04-09 1811 KB5SXB/M  EDWARD   SAN  W5RMY    PATRICK   BER
0000000001111111111222222222333333333344444444455555555566666666677777777788888888
12345678901234567890123456789012345678901234567890123456789012345678901234567

```

Sample log:

```

START-OF-LOG: v2.0
CREATED-BY: GenLog v7.0
ARRL-SECTION: NM
CONTEST: NM-QSO-PARTY
CALLSIGN: N5ZGT
CATEGORY: SINGLE-OP LOW
CLAIMED-SCORE: 192
OPERATORS: N5ZGT
NAME: BRIAN MILESHOSKY
ADDRESS: PO BOX 20186
ADDRESS: ALBUQUERQUE, NM

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ADDRESS: USA

SOAPBOX: Sample NM station Cabrillo log

QSO: 14000 PH 2010-02-07 1501 N5ZGT	BRIAN	BER NK5W	BRUCE	SAN
QSO: 7000 PH 2010-02-07 1503 N5ZGT	BRIAN	BER WA5ZUP	JOHN	SJU
QSO: 14000 PH 2010-02-07 1504 N5ZGT	BRIAN	BER N5NA	ALAN	LEA
QSO: 14000 PH 2010-02-07 1505 N5ZGT	BRIAN	BER VE7RSV	ROBERT	BC
QSO: 14000 CW 2010-02-07 1507 N5ZGT	BRIAN	BER LY2ZZ	JONAS	DX
QSO: 14000 RY 2010-02-07 1511 N5ZGT	BRIAN	BER W1AW	HIRAM	CT
QSO: 14000 CW 2010-02-07 1513 N5ZGT	BRIAN	BER W9WSW	SCOTT	BER
QSO: 14000 CW 2010-02-07 1515 N5ZGT	BRIAN	BER W5RMY	PAT	BER

END-OF-LOG:

2012 New Mexico *Centennial* QSO Party Check Sheet

Your Callsign: _____

Enter the callsign of the first station worked within each county.

Callsign	County	Abbreviation
_____	Bernalillo	BER
_____	Catron	CAT
_____	Chaves	CHA
_____	Cibola	CIB
_____	Colfax	COL
_____	Curry	CUR
_____	De Baca	DEB
_____	Dona Ana	DON
_____	Eddy	EDD
_____	Grant	GRA
_____	Guadalupe	GUA
_____	Harding	HAR
_____	Hidalgo	HID
_____	Lea	LEA
_____	Lincoln	LIN
_____	Los Alamos	LOS
_____	Luna	LUN
_____	McKinley	MCK
_____	Mora	MOR
_____	Otero	OTE
_____	Quay	QUA
_____	Rio Arriba	RIO
_____	Roosevelt	ROO
_____	San Juan	SJU
_____	San Miguel	SMI
_____	Sandoval	SAN
_____	Santa Fe	SFE
_____	Sierra	SIE
_____	Socorro	SOC
_____	Taos	TAO
_____	Torrance	TOR
_____	Union	UNI
_____	Valencia	VAL

2012 New Mexico *Centennial* QSO Party Check Sheet

Enter the callsign of the first station worked within each US State and Canadian Province.

Callsign	State	Callsign	State
_____	Alabama	_____	North Carolina
_____	Alaska	_____	North Dakota
_____	Arizona	_____	Ohio
_____	Arkansas	_____	Oklahoma
_____	California	_____	Oregon
_____	Colorado	_____	Pennsylvania
_____	Connecticut	_____	Rhode Island
_____	Delaware	_____	South Carolina
_____	Florida	_____	South Dakota
_____	Georgia	_____	Tennessee
_____	Hawaii	_____	Texas
_____	Idaho	_____	Utah
_____	Illinois	_____	Vermont
_____	Indiana	_____	Virginia
_____	Iowa	_____	Washington
_____	Kansas	_____	West Virginia
_____	Kentucky	_____	Wisconsin
_____	Louisiana	_____	Wyoming
_____	Maine		
_____	Maryland / DC	Callsign	Canadian Province
_____	Massachusetts	_____	Alberta (AB)
_____	Michigan	_____	British Columbia (BC)
_____	Minnesota	_____	Manitoba (MB)
_____	Mississippi	_____	New Brunswick (NB)
_____	Missouri	_____	Newfoundland-Labrador (NL)
_____	Montana	_____	Nova Scotia (NS)
_____	Nebraska	_____	Ontario (ON)
_____	Nevada	_____	Prince-Edward Island (PE)
_____	New Hampshire	_____	Quebec (QC)
_____	New Jersey	_____	Saskatchewan (SK)
_____	New Mexico	_____	Northwest Territories (NT)
_____	New York	_____	Nunavut (NU)
		_____	Yukon Territories (YT)

2012 New Mexico Centennial QSO Party Summary Sheet

NOTE: Participants submitting paper logs must include this form with county checksheet and logs

Call: _____ Name: _____

Address: _____

City, State/Province, Postal code: _____

Your email address (should we have questions): _____

County (for NM stations): _____

Club (*for NM stations*): _____

Entry Class

- Single Operator
- Multi-Operator
- NM Mobile, Single-Operator
- NM Mobile, Multi-Operator

Power Class (Check highest power used at any time during event)

- QRP (5W or less)
- Low Power (>5W – 150W)
- High Power (Greater than 150W)

Scoring

_____ Phone QSOs x 1 point each = _____ points
_____ CW QSOs x 2 points each = _____ points
_____ Data QSOs x 2 points each = _____ points

_____ total QSO points

Multipliers

Power (Enter multiplier corresponding to the highest power used at any time during event)

QRP (5W or less) = 5 _____
Low Power (>5W – 150W) = 2 _____
High Power (Greater than 150W) = 1 _____

_____ power multiplier

For Non-New Mexico Stations

New Mexico counties: _____ (33 maximum)

For New Mexico Stations

New Mexico counties: _____ (33 maximum)
States: _____ (50 maximum; DC counts as Maryland)
Canadian Provinces: _____ (up to 13; see rules)
DX entities* : _____

* Hawaii and Alaska count only as **state** multipliers. USA and Canada **do not** count as DX entity multipliers.

_____ sum of S/P/C multipliers

2012 New Mexico *Centennial* QSO Party Summary Sheet

NOTE: Participants submitting paper logs must include this form with county checksheet and logs

Mobile Operation Bonus Points (Does not apply to non-mobile participants)

Number of counties within which 20 or more NMQP QSOs were made: _____

Multiply number of counties listed on previous line by 5,000: _____

_____ **total mobile bonus points**

Final Score

For non-mobile participants:

Total QSO points _____ x power multiplier _____ x S/P/C multiplier _____

= _____
(Total Score)

For mobile participants:

(Total QSO points _____ x power multiplier _____ x running total of S/P/C multiplier
_____) + Mobile Operation Bonus Points _____

= _____
(Total Score)

Participation Certificates

See New Mexico QSO Party rules for details (required method of payment, etc).

I would like to purchase a participant certificate!

Name as you wish for it to appear on participant certificate (you may specify a club name; use additional space below if purchasing certificates for multiple operators):

Quantity of certificates to be purchased: _____ x \$3.00 each

Total amount included for certificate(s): \$_____

Condition of Entry

Each entrant agrees to be bound by the provisions, as well as the intent, of this announcement, the regulations of his or her licensing authority and the decisions of the New Mexico QSO Party committee. Participants will not hold the New Mexico QSO Party or its sponsors liable for any consequences resulting from any activity associated with this contest.

2012 New Mexico *Centennial* QSO Party Summary Sheet

NOTE: Participants submitting paper logs must include this form with county checksheet and logs

Paper log submission

Paper logs, which must include this summary sheet and county checksheet, may be submitted via postal mail to:

New Mexico QSO Party
c/o Jerry Aceto K6LIE
1023 Purple Aster Dr
Bernalillo, NM 87004

Logs must be postmarked no later than May 5, 2012. Thank you for participating in the New Mexico QSO Party!

2012 New Mexico *Centennial* QSO Party County Map

Map Courtesy of Digital Map Store

