

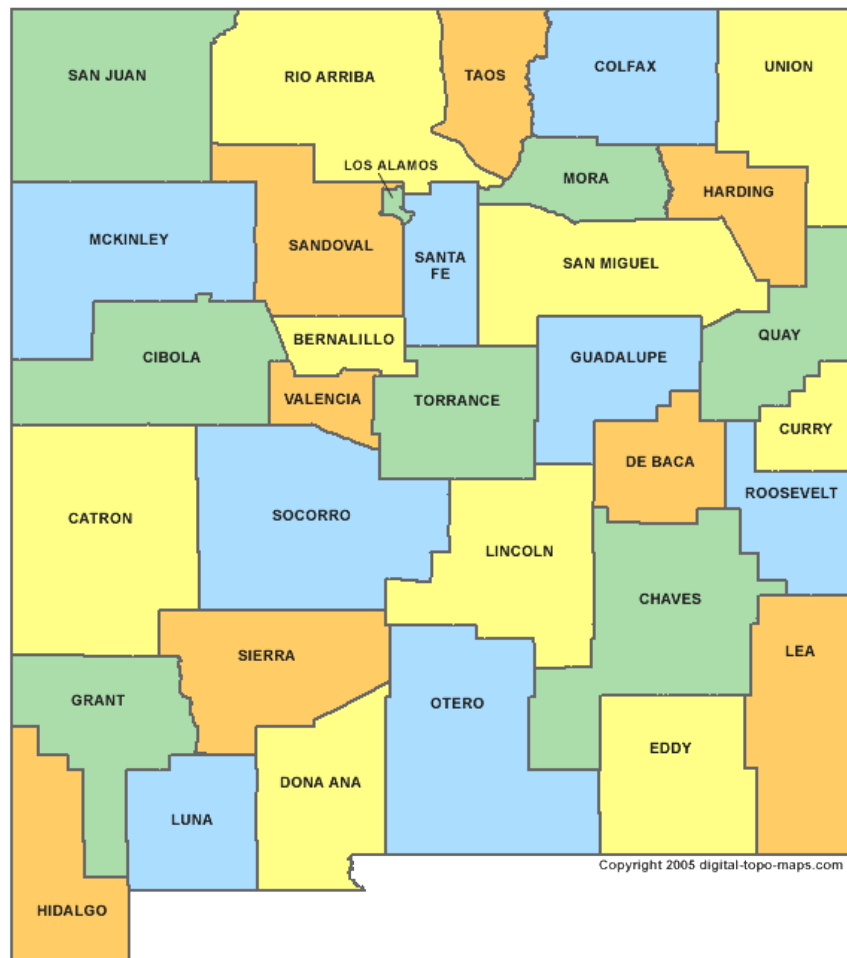
# 2018 New Mexico QSO Party Form Packet

**Last modified: April 5, 2018**

*(Check NMQP website to ensure latest revision prior to start of event)*

## 2018 Change log:

- 19 March: Initial release
- 05 April: Revised minimum number of QSOs to qualify as an Expedition to 30.



# 2018 New Mexico QSO Party Rules

1. **Object:**
  - a. Stations inside New Mexico work anyone in as many New Mexico counties, states, Canadian provinces, and DX entities 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 bands *above* 6 meters are not permitted
  - c. Suggested frequencies (if already in use, please use nearby frequencies):
    - i. CW: 1820, 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
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. The use of assistance or nets (operating arrangements involving other individuals, DX-alerting nets, packet, Internet, multi-channel decoders such as CW Skimmer, etc.), self-spotting, and requesting to be spotted 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. The use of assistance or nets (operating arrangements involving other individuals, DX-alerting nets, packet, Internet, multi-channel decoders such as CW Skimmer, etc.) *is* permitted. Self-spotting or requesting to be spotted is *not* permitted. Multioperator stations should use a single name as part of its exchange throughout the entire contest.
  - 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, RVs, trains, bicycles, airplanes, and buses." All operations occur within the same vehicle. There are two classes of mobile operation.
    - i. **Single Operator.** Only one person performs all operating and logging functions. *A dedicated driver is encouraged to maximize safety.* The use of assistance or nets (operating arrangements involving other individuals, DX-alerting nets, packet, Internet, multi-channel decoders such as CW Skimmer, etc.), self-spotting, and requesting to be spotted is *not* permitted.

- ii. **Multi-Operator.** More than one person performs operating and logging functions. *A dedicated driver is encouraged to maximize safety.* The use of assistance or nets (operating arrangements involving other individuals, DX-alerting nets, packet, Internet, multi-channel decoders such as CW Skimmer, etc.) *is* permitted. Self-spotting or requesting to be spotted is *not* permitted. Multioperator stations should use a single name as part of its exchange throughout the entire contest.

## 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 point during the contest determines your reported power multiplier)
  - i. QRP: 5 watts output or less: **x5**
  - ii. Low Power: > 5 – 150 watts output: **x2**
  - iii. High Power: more than 150 watts 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; District of Columbia (DC) counts as Maryland.
    - 2. United States and Canada do not count as 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 15 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. Stations may be worked only once *per mode, per band*.
- b. Complete exchange information must be received by each station for a complete QSO.
- c. All contacts must be made without the assistance of intermediary stations, such as repeaters, digipeaters, satellites, etc.
- d. County lines are defined as per County Hunter rules (<http://www.countyhunter.com>).
- e. 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 station that travels into a new county may contact other stations again for point credit (however multipliers may still only be counted once).
- f. 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."

## 11. Special Categories and Awards

- a. **High Score – New Mexico Club award.** A plaque, if sponsored, will be awarded to the New Mexico amateur radio club that achieves the highest aggregate score based on the scored logs submitted by its participating members. For a club to earn credit towards this award, the organization's name must be noted clearly within the paper or electronic log submitted. A participant wishing to extend credit for this award may list only one (1) New Mexico club in their log, and he or she must be a member in good standing of that club at the time of the QSO Party.
- b. **Most Counties Activated by a New Mexico Club award.** A plaque, if sponsored, will be awarded to the New Mexico amateur radio club that achieves the highest aggregate number of counties activated, based on the counties that its participating members activate in the course of the event, as recorded in their submitted logs. A minimum of 15 QSOs must be made from a given county in order to be counted as credit towards this award. For a club to earn credit towards this award, the organization's name must be noted clearly within the paper or electronic log submitted. A participant wishing to extend credit for this award may list only one (1) New Mexico club in their log, and he or she must be a member in good standing of that club at the time of the QSO Party.
- c. **New Mexico Expedition Category.** This special category encourages operators to activate New Mexico counties using Field-Day-style operations, with a station assembled and operated specifically for the New Mexico QSO Party.
  - i. This category is distinct from mobile operations, in that contacts are made from a portable fixed/stationary (*not* mobile) station that is set up specifically for the New Mexico QSO Party. Any non-mobile station within New Mexico may participate in this category.
  - ii. This is a special category, not a new operating class (as defined in Section 5 above). Stations participating in the expedition category must still operate and submit their log as a single-operator or multi-operator class operation. Stations will still be ranked among other single-operators or multi-operators in the event, however they will also be ranked among other expedition category participants.
  - iii. Stations wishing to participate in the expedition category must clearly note such on their logs and/or summary sheet. Those submitting electronic logs should make this note in the "soapbox" field of the Cabrillo file.
  - iv. The use of existing stations, radio facilities, and permanently installed antennas, either amateur or commercial, are not permitted in this category.
  - v. All equipment used in the expedition category must be powered by a source that is independent of the power mains. Generators, batteries, solar panels, fuel

cells, wind generators, and radioisotope thermal generators are all examples of power sources that can be used in this category.

- vi. Any number of transmitters and operators are allowed in this category, but all transmitters, receivers, and antennas must lie within a 500-meter diameter circle.
  - vii. Similar to County Hunter rules (<http://www.countyhunter.com>), an expedition station may operate on a County Line and contacts with the expedition station can be used as credit for both counties. Some part of the expedition station 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 expedition station is operating from the intersection of three or more USA Counties, only two counties at a time may be counted for the same contact.
  - viii. At least 30 QSOs must be made to qualify as a valid expedition.
  - ix. The entire expedition station may be disassembled, moved, and reassembled within another county or county line during the contest, provided the minimum number of required QSOs is met in order for each location to qualify as a valid expedition.
- d. **High Score – QRP award.** A plaque, if sponsored, will be awarded to the highest scoring New Mexico single-operator QRP participant.

## 12. Reporting

- a. Cabrillo formatted electronic logs. A list of known logging applications that support the proper New Mexico QSO Party Cabrillo template is available on the New Mexico QSO party website at [www.newmexicoqsoparty.org](http://www.newmexicoqsoparty.org). Electronic logs must be submitted in proper Cabrillo format (template included below); **electronic logs that are incomplete not in proper Cabrillo format, or late will be counted only as check logs.**
- b. Paper logs. 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 [www.newmexicoqsoparty.org](http://www.newmexicoqsoparty.org) will be accepted. Writing must be legible; **incomplete, illegible, or late logs will be counted only as check logs.**
- c. Participant logs must be received via email or postmarked ***no later than April 28, 2018*** (*two weeks following the event*).
- d. Electronic logs should be emailed to [logs@newmexicoqsoparty.org](mailto:logs@newmexicoqsoparty.org)
- e. Paper logs should be submitted via postal mail to:

New Mexico QSO Party  
c/o Los Alamos Amateur Radio Club  
4017 Arkansas St.  
Los Alamos, NM 87544

- f. Target date for posting final results on the New Mexico QSO Party website: ***June 17, 2018.***

## 13. Awards and Participant Certificates

- a. Plaques will be awarded to first place winners of various categories. Winning Multi-Op teams will receive a single plaque on behalf of their team. If a plaque for a particular category does not have a sponsor by the time logs are scored, a color certificate will be awarded instead. A list of available awards and sponsors is provided at [www.newmexicoqsoparty.org](http://www.newmexicoqsoparty.org). 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 organizers.

- c. Participants may purchase a participant certificate for \$3.00 payable by cash or check written to “**Los Alamos Amateur Radio Club**” (funds cover certificate, color printing, envelope, and postage).
  - i. A valid log entry (either electronic or paper) containing **a minimum of 20 QSOs** must be submitted to be eligible for a participant certificate.
  - ii. If you are submitting a paper log, please include payment with your paper log submission.
  - iii. If submitting an electronic log, payment must be received at the mailing address provided above not later than the log submission deadline.
  - iv. In all cases ensure that your name and callsign is clearly identified with your payment.
  - v. Unless otherwise requested, the name(s) printed on the certificate will be identical to the name(s) reflected in paper/electronic logs.

#### **14. New Mexico QSO Party Participation Agreement**

- a. By participating in the New Mexico QSO Party, you (“participant”) agree to be bound by the provisions, as well as the intent, of these rules, the regulations of your licensing authority and the decisions of the New Mexico QSO Party organizers. Further, participant agrees to indemnify and hold harmless the New Mexico QSO Party, its organizers, and sponsors from any claim or consequence resulting from any activity associated with participating in the New Mexico QSO Party. By engaging in any form of participation in the New Mexico QSO Party, participant acknowledges and agrees to abide by this agreement.

## New Mexico QSO Party Cabrillo Log Format

Log developers: Please utilize the following template to support the New Mexico QSO Party:

```

-----INFO SENT-----
QSO: 14060 PH 2011-04-09 1811 KB5SXB/M EDWARD SAN W5RMY PATRICK BER
-----INFO RCVD-----
QSO: ***** ** YYYY-MM-DD NNNN ***** ***** ***** ***** *****
QSO: 14060 PH 2011-04-09 1811 KB5SXB/M EDWARD SAN W5RMY PATRICK BER

```

- All QSO data should be space delimited for proper parsing.
- Cabrillo version 2.0 or 3.0 welcome.
- 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".
- The ARRL-SECTION: tag (Cabrillo v2.0) and LOCATION: tag (Cabrillo v3.0) is used to identify New Mexico stations for proper automated log checking and scoring. Cabrillo logs generated for New Mexico stations should reflect ARRL-SECTION: NM or LOCATION: NM. Cabrillo logs generated for non-NM stations should reflect their respective location (example: ARRL-SECTION: EPA, LOCATION: PA, LOCATION: DX etc.).
- Cabrillo log filenames are **call.log**, where "call" is the NMQP participant's callsign.

### Sample log:

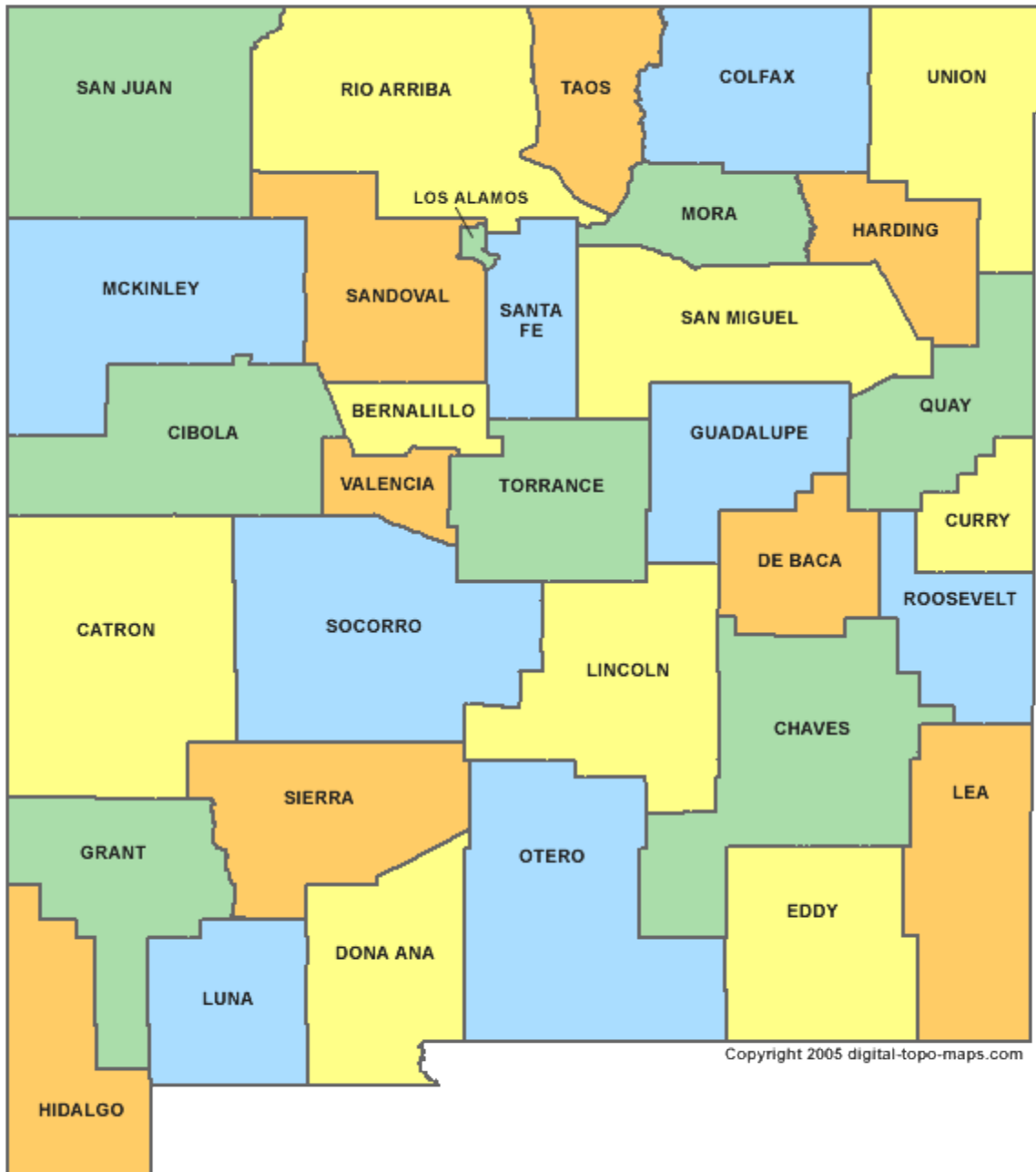
```

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

```

# 2018 New Mexico QSO Party County Map

Map Courtesy of [Digital Map Store](http://Digital Map Store)







# 2018 New Mexico QSO Party Check Sheet

Callsign: \_\_\_\_\_ Name: \_\_\_\_\_

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          |

# 2018 New Mexico 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)     |



# 2018 New Mexico 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 only*): \_\_\_\_\_

Club (*for NM stations only*): \_\_\_\_\_

## **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 (5 watts or less)
- Low Power (>5 – 150 watts)
- High Power (Greater than 150 watts)
- New Mexico Expedition Category (*review rules carefully*)

## **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.

\_\_\_\_\_ **total S/P/C multipliers**

# 2018 New Mexico QSO Party Summary Sheet

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

## Mobile Operation Bonus Points (for NM stations only; does not apply to non-mobile participants)

Number of counties within which you made 15 or more NMQP QSOs: \_\_\_\_\_

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

\_\_\_\_\_ **total mobile bonus points**

## Final Score

### For non-mobile participants only:

Total QSO points \_\_\_\_\_ x Power multiplier \_\_\_\_\_ x Total S/P/C multipliers \_\_\_\_\_

= \_\_\_\_\_  
(Total Score)

### For mobile participants only:

(Total QSO points \_\_\_\_\_ x Power multiplier \_\_\_\_\_ x Running total of S/P/C multipliers

\_\_\_\_\_) + Total Mobile Operation Bonus Points \_\_\_\_\_

= \_\_\_\_\_  
(Total Score)

## Request your New Mexico QSO Party Participant Certificate

**Review New Mexico QSO Party rules for details (minimum QSO requirement, payment info, etc.).**

I have reviewed the NMQP rules and wish to purchase a NMQP 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): \$ \_\_\_\_\_

## New Mexico QSO Party Participant Agreement

By participating in the New Mexico QSO Party, you ("participant") agree to be bound by the provisions, as well as the intent, of these rules, the regulations of your licensing authority and the decisions of the New Mexico QSO Party organizers. Further, participant agrees to indemnify and hold harmless the New Mexico QSO Party, its organizers, and sponsors from

# 2018 New Mexico QSO Party Summary Sheet

**NOTE:** Participants submitting paper logs must include this form with county checksheet and logs any claim or consequence resulting from any activity associated with participating in the New Mexico QSO Party. By engaging in any activity associated with participating in the New Mexico QSO Party, participant acknowledges and agrees to abide by this agreement.

## 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 Los Alamos Amateur Radio Club  
4017 Arkansas St.  
Los Alamos, NM 87544

***Logs must be postmarked no later than April 28, 2018 (two weeks following the event). Incomplete, illegible, or late logs will be counted only as check logs.***

Thank you for participating in the New Mexico QSO Party!