



2024 New Mexico QSO Party Form Packet

Last modified: 01 March 2024

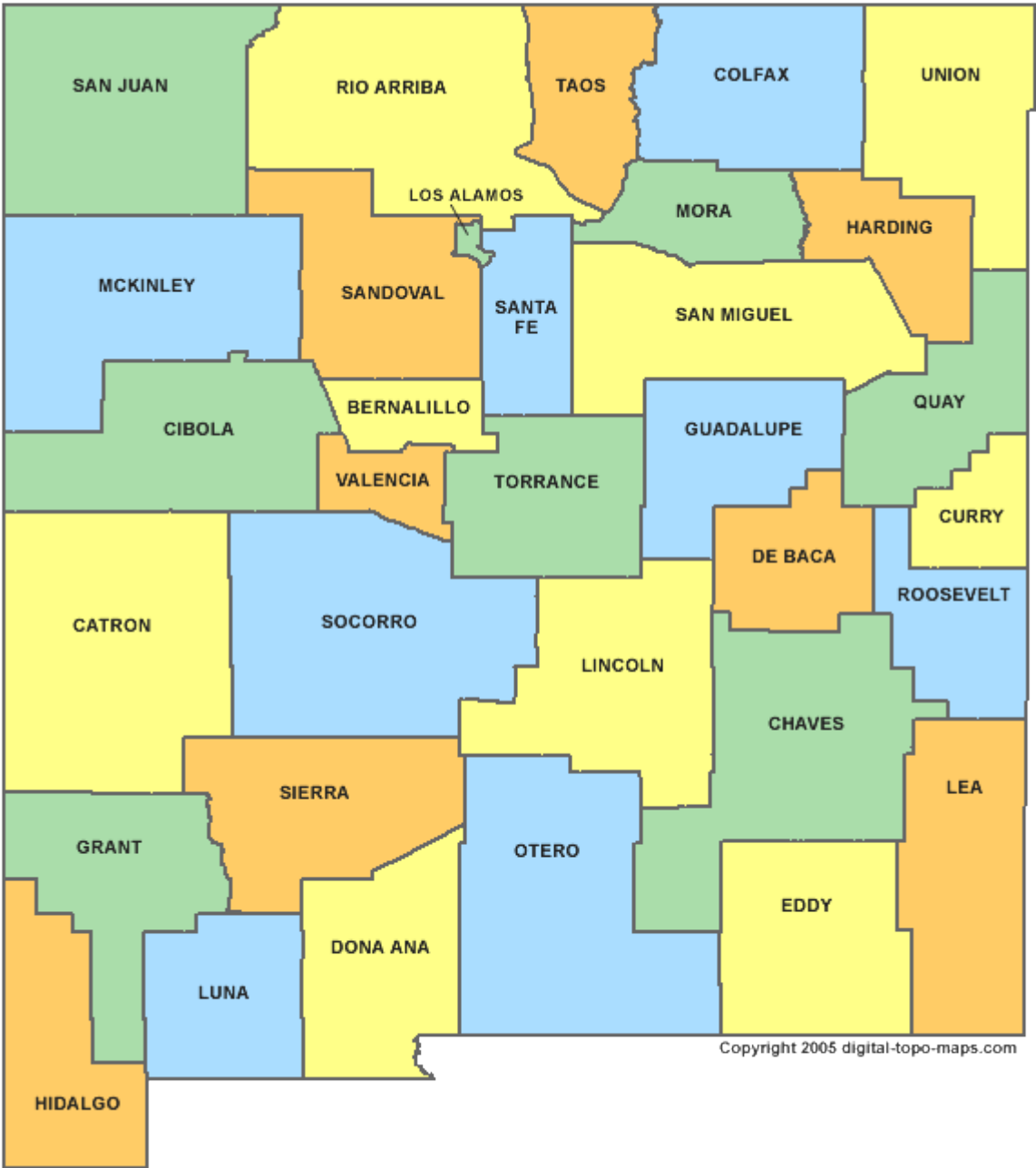
(Please verify that this is the latest revision prior to participating in the NMQP)

2024 Change log:

- 01 March:
 - **Initial release**
 - **Summary of rule additions/revisions:**
 - *The use of spotting assistance and self-spotting is permitted in all categories.*
 - **Miscellaneous:**
 - **Attention FT8/FT4 users:** *In order for an FT8/FT4 QSO to be valid it must be logged with the required QSO exchange from both stations (see Section 6 of rules) and logged in the same format as a valid QSO in any other mode. QSOs containing grid squares and signal strength levels cannot be scored by NMQP's automated scoring software. If you wish to use FT8/FT4, please consider using JS8Call or manually edit your logs (change signal strengths to "599" and convert grid squares to their corresponding States/Provinces/DXCC entities) before submitting.*

2024 New Mexico QSO Party County Map

Map Courtesy of [Digital Map Store](#)



2024 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 AND SUGGESTED FREQUENCIES:

- a. Contest bands: 160, 80, 40, 20, 15, 10, 6, and 2 meters
 - i. Contacts on WARC bands, 60 meters, and bands *above* 2 meters are not permitted
- b. Suggested frequencies (on or near):
 - i. CW: 1820, 3550, 7045, 14050, 21050, 28050 kHz, 50.095 MHz, 144.09 MHz
 - ii. Phone: 1850, 3815, 7260, 14280, 21380, 28380 kHz, 50.130 MHz, 144.20 MHz SSB, 146.52 MHz FM
 - iii. Digital: Around each mode's customary calling frequencies
 1. **Attention FT8/FT4 users:** In order for an FT8/FT4 QSO to be valid it must be logged with the required QSO exchange from both stations (see Section 6) and logged in the same format as a valid QSO in any other mode. QSOs containing grid squares and signal strength levels cannot be scored by NMQP's automated scoring software. If you wish to use FT8/FT4, please consider using JS8Call or manually edit your logs (change signal strengths to "599" and convert grid squares to their corresponding States/Provinces/DXCC entities) before submitting.
 - iv. *New Mexico stations are encouraged to congregate on or adjacent to the above frequencies, especially at the top of each hour.*

4. CONTEST MODES:

- a. Phone, 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 diameter circle. This includes portable (non-mobile) stations.
- b. **Multi-Operator.** More than one person performs operating or logging functions. Only one signal per band per mode allowed at any time. All transmitters, receivers, and antennas must lie within a 500-meter diameter circle. This includes portable (non-mobile) stations.
- c. **Mobile.** Consistent with County Hunter rules (<http://www.marac.org/Award-rules.pdf>), "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.** One person performs all operating, logging, and driving functions. *For safety reasons, participants should operate only when vehicle is not in motion.*
- ii. **Multi-Operator.** More than one person performs operating, logging, and driving functions. *For safety reasons, participants should operate only while there is a dedicated driver or while vehicle is not in motion.*

6. EXCHANGE:

- a. New Mexico stations: RS(T) + New Mexico county
- b. Non-New Mexico stations: RS(T) + 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 AND 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 to 150 watts output: **x2**
 - iii. High Power: Greater 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/territories 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 and Territories: 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. **NEW BEGINNING IN 2024:** The use of spotting assistance and self-spotting is permitted in all categories.
- e. County lines are defined as per County Hunter rules (<http://marac.org/awards/award-rules.pdf>).
- f. 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 New Mexico mobile station that travels into a new county may contact other stations again for point credit (however multipliers may still only be counted once).
- g. Consistent with County Hunter rules (<http://marac.org/awards/award-rules.pdf>) "a stationary mobile may operate on a County Line and contacts with the mobile can be used as credit for both counties." *For reasons of safety and access, contacts made within 50 meters of a county line are considered valid for county line operations.* 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/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/she must be a member in good standing of that club at the time of the QSO Party.
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. **At least 30 QSOs must be made to qualify as a valid expedition operation.**
 - ii. This category is distinct from mobile operations, in that contacts are made from a portable (non-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. Any "portable" station within New Mexico that doesn't fall into the "mobile" Class may participate in this category.

- iii. 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 participants.
 - iv. Stations wishing to participate in the expedition category must clearly note "Expedition Station" or equivalent on their logs and/or summary sheet. Those submitting electronic logs should make this note in the "soapbox" field of the Cabrillo file.
 - v. The use of **pre-existing** stations, radio facilities, and permanently installed antennas, either amateur or commercial, is not permitted in this category.
 - vi. 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.
 - vii. All transmitters, receivers, and antennas must lie within a 500-meter diameter circle. See Single Operator and Multi-Operator class rules, as appropriate, for transmitted signal limitations.
 - viii. Similar to County Hunter rules (<http://www.marac.org/Award-rules.pdf>), an expedition station may operate on a County Line and contacts with the expedition station can be used as credit for both counties. *For reasons of safety and access, contacts made within 50 meters of a county line are considered valid for county line operations.* 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 may be counted for the same contact.
 - ix. The entire expedition station may be disassembled, moved, and reassembled within another county or county line during the event, provided the minimum number of required QSOs (30) is met in order to qualify as a valid expedition at each location.
 - x. A New Mexico Expedition station that relocates to a new county is considered to be a new station and may be contacted again for point and multiplier credit. Similarly, a New Mexico Expedition station that relocates to a new county may contact other stations again for point credit (although multipliers may still be counted only once).
- c. **High Score – QRP award.** A plaque, if sponsored, will be awarded to the highest scoring New Mexico single-operator QRP participant (excluding mobile bonus points).

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.newmexicogsoparty.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 log sheets; and (c) a completed summary sheet. Only forms provided on the New Mexico QSO party website at www.newmexicogsoparty.org will be accepted. ***Paper logs that are incomplete, illegible, or late will be counted only as check logs.***
- c. Participant logs must be received **no later than April 27, 2024** (two weeks following the event).
- d. Electronic logs should be emailed to logs@newmexicogsoparty.org

- e. Paper logs should be submitted via postal mail to:

**New Mexico QSO Party
c/o Jerry Aceto / Bosque ARC
1023 Purple Aster
Bernalillo, NM 87004**

- f. NMQP will strive to post final results on the New Mexico QSO Party website in the June timeframe.

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. Sponsorship of awards may be changed at the discretion of the New Mexico QSO Party organizers based on contest category entries.
 - i. *The Outside New Mexico, Multi-Op category winner must log at minimum 30 valid QSOs to be eligible for a plaque, otherwise a certificate will be awarded.*
- b. Special awards may be made at the discretion of the New Mexico QSO Party organizers.
- c. Participant certificates will be available online via the NMQP website for all stations who submit their electronic or paper log by the submission deadline. Certificates will be available when official results are posted to the NMQP website.

14. NEW MEXICO QSO PARTY PARTICIPATION AGREEMENT:

- a. By participating in the New Mexico QSO Party, you ("participant") and other individuals who may be participating with you agree to be bound by the provisions 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 their understanding of 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: FREQ  MO DATE      TIME CALL      RST QTH      CALL      RST QTH
QSO: ***** ** YYYY-MM-DD NNNN *****      ***      *****      ***      ***
QSO: 14000 PH 2010-02-07 1501 KB5SXB/M      59  BER      NK5W      59  SAN
```

- 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 v8.45
CALLSIGN: N5ZGT
CATEGORY: SINGLE-OP LOW
ARRL-SECTION: NM
CLAIMED-SCORE: 192
OPERATORS: N5ZGT
NAME: BRIAN MILESHOSKY
ADDRESS: PO BOX 20036
ADDRESS: ALBUQUERQUE, NM
ADDRESS: USA
SOAPBOX: Sample NM station Cabrillo log
QSO: 14000 PH 2010-02-07 1501 N5ZGT      59  BER      NK5W      59  SAN
QSO: 7000 PH 2010-02-07 1503 N5ZGT      59  BER      WA5ZUP      59  SJU
QSO: 14000 PH 2010-02-07 1504 N5ZGT      59  BER      N5NA      59  LEA
QSO: 14000 PH 2010-02-07 1505 N5ZGT      59  BER      VE7RSV      59  BC
QSO: 14000 CW 2010-02-07 1507 N5ZGT      599 BER      LY2ZZ      599 DX
QSO: 14000 RY 2010-02-07 1511 N5ZGT      599 BER      W1AW      599 CT
QSO: 14000 CW 2010-02-07 1513 N5ZGT      599 BER      W9WSW      599 BER
QSO: 14000 CW 2010-02-07 1515 N5ZGT      599 BER      W5RMY      599 BER
END-OF-LOG:
```


2024 New Mexico QSO Party Check Sheet

Callsign: _____ Name: _____

Enter the callsign of the **first** station that you 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

2024 New Mexico QSO Party Check Sheet

Enter the callsign of the **first** station that you 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)

2024 New Mexico QSO Party Check Sheet

Enter the callsign of the **first** station that you worked within each DXCC entity

- See <http://www.arrl.org/country-lists-prefixes> for valid list of entities
- Hawaii and Alaska count only as state multipliers United States and Canada do *not* count towards DX multiplier credit

[illegible]

2024 New Mexico QSO Party Log Sheet

Callsign: _____ **Name:** _____

[illegible]

2024 New Mexico QSO Party Summary Sheet

NOTE: Participants submitting paper logs must include this form with county check sheet 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**

2024 New Mexico QSO Party Summary Sheet

NOTE: Participants submitting paper logs must include this form with county check sheet 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)

Paper log submission

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

**New Mexico QSO Party
c/o Jerry Aceto / Bosque ARC
1023 Purple Aster
Bernalillo, NM 87004**

***Logs must be received no later than April 27, 2024 (two weeks following the event).
Incomplete, illegible, or late logs will be counted only as check logs.***

New Mexico QSO Party Participant Agreement

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2024 New Mexico QSO Party Summary Sheet

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

New Mexico QSO Party Participant Certificates

Participant certificates will be available online via the NMQP website for all stations who submit their electronic or paper log by the submission deadline. Certificates will be available when official results are posted to the NMQP website.

Thank you for participating in the New Mexico QSO Party!