

Field Day Side-by-Side

Boca Raton Amateur Radio Association

Field Day Side-by-Side

| | WINTER FIELD DAY | ARRL FIELD DAY |
|-------------------------------|---|---|
| Purpose/ Objective | To foster HAM camaraderie, field operation, emergency operating preparedness, and just plain fun on the air, outdoor fun in the midst of winter for American, Canadian and DX Amateurs. Don't let those winter doldrums keep you locked up in the house...get out and play some radio! | To work as many stations as possible on any and all amateur bands (excluding 60/30/17/12m) and in doing so to learn to operate in abnormal situations in less than optimal conditions. A premium is placed on developing skills to meet the challenges of emergency preparedness as well as to acquaint the general public with the capabilities of Amateur Radio. |

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| | WINTER FIELD DAY | ARRL FIELD DAY |
|--------------|--|---|
| Who | Winter Field Day Association [WFDA] | American Radio Relay League [ARRL] |
| What | Winter Field Day | ARRL Field Day |
| When | Last Full January Weekend 27/28-Jan-2018 2 PM EST (1900 UTC) -2 PM EST (1900 UTC) | 4th June Weekend 23/24-Jun-2018 1 PM EDST (1800 UTC) -4 PM EDST (2100 UTC) |
| Where | West Delray Park BRARA Shack | West Delray Park BRARA Shack |
| Bands | All except 12/17/30/60m | Any except 12/17/30/60m |

Field Day Side-by-Side

| Modes | WINTER FIELD DAY | ARRL FIELD DAY |
|----------------------|---|--|
| CW | CW | CW |
| PH [voice] | SSB AM FM D-Star, C4FM, DMR, MotoTRBO | SSB AM FM |
| DI [txt/pics] | Packet PSK SSTV, ATV RTTY Olivia | Packet PSK SSTV, ATV RTTY Olivia |
| | Satellite etc. Same Station, multi-band = Dup | Satellite etc. |

Field Day Side-by-Side

| Suggested | WINTER FIELD DAY | ARRL FIELD DAY |
|-----------|---|--|
| | HF CW 3.530-3.550 MHz [80m] HF CW 7.030-7.050 MHz [40m] HF CW 14.035-14.055 MHz [20m] HF CW 21.030-21.050 MHz [15m] HF CW 28.030-28.040 MHz [10m] | HF RTTY/Data 3.500-3.600 MHz [80m] HF RTTY/Data 7.000-7.125 MHz [40m] HF RTTY/Data 14.000-14.150 MHz [20m] HF RTTY/Data 21.000-21.200 MHz [15m] HF RTTY/Data 28.000-28.300 MHz [10m] |
| | HF SSB lowest 30 kHz (Gen Class Phone Band) HF SSB 1.900-1.930 MHz [160m] HF SSB 3.8-3.830 MHz [80m] HF SSB 7.175-7.205 MHz [40m] HF SSB 14.225-14.255 MHz [20m] HF SSB 21.275-21.305 MHz [15m] HF SSB 28.400-28.425 MHz [10m] | HF PH/Image 1.843-2.00 MHz [160m] HF PH/Image 3.600-4.000 MHz [80m] HF PH/Image 7.125-7.300 MHz [40m] HF PH/Image 14.150-14.350 MHz [20m] HF PH/Image 21.200-21.450 MHz [15m] HF PH/Image 28.300-29.700 MHz [10m] |

Field Day Side-by-Side

6m/VHF/UHF: Adjacent to, but not on: Nationally Recognized SX Calling Channels

50.125 MHz [SSB Calling]

50.620 MHz [Digital Calling Frequency]

52.020 MHz [FM SX]

52.040 MHz [FM SX]

52.525 MHz [Primary FM SX]

52.540 MHz [Secondary FM SX]

53.020 MHz [SX]

53.520 MHz [SX]

53.900 MHz [SX]

144.200 MHz [National SX Calling Frequency]

146.520 MHz [National SX Calling Frequency]

222.100 MHz [SSB & CW Calling Frequency]

432.100 MHz [70cm Calling Frequency]

446.000 MHz [National SX A Calling Frequency]

446.500 MHz [National SX d Calling Frequency]

6m/VHF/UHF: Adjacent to, but not on: Nationally Recognized SX Calling Channels

Field Day Side-by-Side

| EXCHANGE | WINTER FIELD DAY | ARRL FIELD DAY |
|-------------------|---|--|
| Callsign | N4BRF | N4BRF |
| Class | Number of Stations capable of Simultaneous transmission | Number of Stations capable of Simultaneous transmission |
| Categories | [I] Indoor (but not where normally) [O] Outdoor (non-insulated, in the elements) [H] Home (where normally) NA NA NA NA NA NA | NA NA NA [A] Battery/Portable (≥ 3 Mbrs) [B] Battery/Portable (≤ 2 Mbrs) [C] Mobile [D] Home Stations [E] Home Stations on Emergency Power [F] Emergency Operations Centers (EOC) |
| ARRL Sec | SFL | SFL |
| Exchange | N4BRF 3H SFL | N4BRF 3E SFL |

Field Day Side-by-Side

| QSO PTS | WINTER FIELD DAY | ARRL FIELD DAY |
|---------------------------------|---|---|
| QSO Point | 1 per PH QSO 2 per CW and Digital QSO Busted penalized 1 point for each missed call 0 for Duplicates | 1 per PH QSL 2 per CW and Digital QSL |
| Mode/Band Multipliers | 1 for each mode operated per band | NA |
| Example | Operating CW and PH on 80, 40, 15, 10 m; CW and PSK31 on 20m; and FM on 2m and 70cm would have a 12x multiplier | NA |
| Power Output Multipliers | > 100w = 1x ≤ 100 w = 2x QRP (≤ 5w CW or ≤ 10w PH/DI) = 4x | ≥ 150w = 2x ≤ 150 w = 2x QRP (≤ 5w CW/PH/DI) = 5x [All Contacts] but if Commercial Power = 2x |

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| BONUS PTS | WINTER FIELD DAY | ARRL FIELD DAY |
|-----------|---|--|
| | <p>1500 No Commercial Power</p> <p>1500 Outdoor Category</p> <p>1500 Not a "Home" operation (remote)</p> <p>1500 for making 1 Satellite QSO</p> | <p>100 for Public Place</p> <p>100 for Info Booth</p> <p>20-100 for GOTA Station</p> <p>100 for making 1 Satellite QSO</p> <p>100 for Safety Officer</p> <p>100 for 100% Emergency Power</p> <p>100 for Media Publicity</p> <p>100 for Message to ARRL SM/SEC</p> <p>100 for W1AW FD Msg</p> <p>10 for each NTS/ICS-213 Message</p> <p>100 for ≥ 5 Natural Power QSO Completed</p> <p>100 for one invited Elected Official Site Visit</p> <p>100 for one Served Agency Site Visit</p> <p>100 for Educational Activity</p> <p>20-50 for Youth Element</p> <p>50 for Submitted using b4h.net format</p> <p>100 for Social Media</p> |

Field Day Side-by-Side

| TAB/SCORE | WINTER FIELD DAY | ARRL FIELD DAY |
|-------------------|--|---|
| Tabulation | QSO points x Power Output Multiplier x Bands/Mode Multiplier + Bonus Points | QSO points x Mode Multiplier + Power Multiplier + Bonus Points |
| Score | 100 PH QSOs = 100 points 100 CW QSOs = 200 points 100 DI QSOs = 200 points Total QSO points = 500 points Above Multiplier of 12x Power Multiplier of 2x (≥ 100 w) 12,000 QSO Pts = 500 x 12 x 2 1,500 Bonus Pts for no commercial power 13,500 Total Pts | 100 PH QSOs = 100 points 100 CW QSOs = 200 points 100 DI QSOs = 200 points Total QSO points = 500 points Power Multiplier of 2 (≤ 150 w) 1,000 QSO Pts = 500 x 2 980 Minimum Bonus Points 1,980 Total Points |
| Submission | wfd@winterfieldday.com | fieldday@arrl.org |
| Deadline | 0000 UTC 01-Mar in Cabrillo format | Last Tuesday in July |
| Website | www.winterfieldday.com | www.arrl.org/field-day |

Winter Field Day

| QSO Points | | | | |
|---------------------------|-------------|--------------------------------------|------------|-----------|
| PH | 1/QSO | AM, SSB, FM, C4FM, D-Star, DMR | | |
| CW | 2/QSO | | | |
| DI | 2/QSO | RTTY, Olivia, Packet, PSK, SSTV, ATV | | |
| Example: | 100 PH | | 100 | |
| | 100 CW | | 200 | |
| | 100 DI | | <u>200</u> | |
| Total QSO Pts | | | 500 | |
| Mode and Band Multipliers | | | | |
| | 1/Mode/Band | | | |
| Example | CW | 80, 40, 20, 15, 10 | | 5 |
| | PH | 80, 40, __, 15, 10 | | 4 |
| | PSK | 20 | | 1 |
| | FM | 2, 0.7 | | <u>2</u> |
| Total Multiplier | | | | 12 |

| Power Output Multipliers | | | | |
|---|--------------------------------|-------------|-------|----------------------------------|
| | 1x | ≥ 100 watts | | |
| | 2x | ≤ 100 watts | | |
| | 4x | QRP | CW | ≤ 5 watts |
| | | | PH/DI | 10 watts peak power |
| Bonus Points | | | | |
| | No Commercial Power | | | 1500 |
| | Outdoors Category | | | 1500 |
| | Not a Home Category and Remote | | | 1500 |
| | QSO via Satellite (only once) | | | <u>1500</u> |
| | Maximum Bonus Points | | | 1500 |
| Claimed Score Tabulation | | | | |
| QSO pts x Power Output Multiplier x Bands/Mode Multiplier + Bonus Points | | | | |
| | 500 x | 12 x | 2 | = 12,000 QSO Points |
| | | | | <u>1,500</u> Bonus Points |
| | | | | 13,500 Total Points |
| <i>Note: If you run 90 watts it doubles your power multiplier and your QSO Points</i> | | | | |