



W8W

National Weather Service
Charleston WV (KRLX)
2022 Skywarn Recognition Day
December 3, 2022

After-Action Summary issued December 10, 2022

SKYWARN™ Recognition Day (SRD) was developed in 1999 by the National Weather Service and the American Radio Relay League. It celebrates the contributions that SKYWARN™ volunteers make to the NWS mission, "the protection of life and property." Amateur radio operators comprise a large percentage of the SKYWARN™ volunteers across the country. The Amateur radio operators also provide vital communication between the NWS and emergency management if normal communications become inoperative.

The National Weather Service Office in Charleston WV (KRLX) continued its support of SKYWARN™ Recognition Day (SRD) in 2022 via both Amateur Radio and social media. On Amateur Radio, the FCC Special Event Station call sign "W8W" was approved for worldwide KRLX on-air operations with the following objectives:

1. Assist in promoting the mission and services of the Charleston WV NWS office
2. Support the National Skywarn Recognition Day mission and objectives
3. Reinforce KRLX working relations with its regional Amateur Radio partners
4. Provide an effective demonstration of Amateur Radio Skywarn capabilities
5. Publicize the new KRLX Offices, Operations Center, and new Amateur Radio facilities
6. Provide a real-life on-air communications exercise for Amateur Radio operators
7. Connect Charleston WV NWS with other NWS offices using shortwave radio

In deference to Covid protocols and ongoing relocation of Charleston WV NWS offices to new headquarters, off-site "Control Operators" were employed in 2022. Atmospheric radio signal propagation was 'challenging,' with Friday evening 80 and 40 meter conditions "poor". Conditions on Saturday for 40 and 20 meters improved slightly from 'fair' to 'good' by late afternoon.

*National Weather Service Office, Charleston WV (KRLX)
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KRLX SRD22 W8W-Specific Statistics:

302 High Frequency (1.6-30 mHz only) contacts

4 VHF FM contacts (on local WV and OH repeaters)

306 Total contacts: all bands and modes (statistics breakout next page)

7 Foreign countries were contacted or submitted reception reports:

* Bermuda * England * Latvia * Venezuela
* Canada * France * Poland

16 Other NWS Offices were contacted:

* WX4RNK - Charlotte, NC * WXØMOB - MOBILE, AL
* WX9ARX - La Crosse, WI * WX4NHC - Miami, FL (Hurricane Center)
* WX1BOX - New Bedford, MA * WX5BRO - Brownsville, TX
* WX1BHO - Hingham, MA * WX5TUL - Tulsa, OK
* WXØGID - Hastings, NE * NEØNP - North Platte, NE
* KØNWS - Duluth, MN * WX7PDX - Portland, OR
* WXØUNR - Rapid City, SD * N5NWS - San Angelo, TX
* WX4NC - Raleigh, NC * KCØNWS - Kansas City, MO (Cntrl Reg HQ)

Public Relations and Outreach Activities:

- * Simple webpage which attracted several thousand visits (page 5)
- * 'Contact confirmation' (aka: 'QSL') cards in both electronic and hard copy
- * Charleston WV NWS website banner headlines mention
- * Ohio ARES Newsletter publicity (4,500 subscribers)
- * National Skywarn Day website listing
- * Regional ham radio email lists

KRLX SRD22 W8W HF/VHF Bands contact statistics:

Bands	ALL		<input checked="" type="radio"/>
	2M	<u>4</u>	<input type="radio"/>
	20M	<u>104</u>	<input type="radio"/>
	40m	<u>83</u>	<input type="radio"/>
	80M	<u>115</u>	<input type="radio"/>
Modes	ALL		<input checked="" type="radio"/>
	CW	<u>8</u>	<input type="radio"/>
	FM	<u>4</u>	<input type="radio"/>
	FT8	<u>231</u>	<input type="radio"/>
	SSB	<u>63</u>	<input type="radio"/>
Propagation Modes	ALL		<input checked="" type="radio"/>
QSO Dates	ALL		<input checked="" type="radio"/>
	2022 December	<u>306</u>	<input type="radio"/>
Countries	ALL		<input checked="" type="radio"/>
	BERMUDA	<u>1</u>	<input type="radio"/>
	CANADA	<u>9</u>	<input type="radio"/>
	ENGLAND	<u>1</u>	<input type="radio"/>
	FRANCE	<u>1</u>	<input type="radio"/>
	LATVIA	<u>1</u>	<input type="radio"/>
	POLAND	<u>2</u>	<input type="radio"/>
	USA	<u>145</u>	<input type="radio"/>
	VENEZUELA	<u>1</u>	<input type="radio"/>
Upload Dates	ALL		<input checked="" type="radio"/>
	2022 December	<u>306</u>	<input type="radio"/>
Entire Logbook/OutBox Selector		<u>306</u>	

New Amateur Radio equipment installation at the National Weather Service, Charleston WV October 2022



As part of the new Charleston WV National Weather Service offices and Operations Center, a significant upgrade to Amateur Radio facilities is being included. Strategically located within the Operations Center, the new Amateur Radio operating position also has convenient access to the State of WV and State of OH interoperability trunking networks.

The new state-of-the-art Amateur Radio systems cover all Amateur Bands, 160 meters through 70cm with supporting antennas for all bands. In addition, VHF/UHF crossband repeat, dual band watch and System Fusion are supported, plus Aircraft Band receive.

(W8W SRD22 Special Event Webpage - Static image Only)

2022 Skywarn Recognition Day (SRD)

00-24z - December 3, 2022

[National Weather Service - Charleston WV \(KRLX\)](#)

Celebrating [New Offices & Operations Center](#) (Sept 2022)



[2022 National SRD Page](#)

[2022 Participating NWS Offices with Callsign Lookup](#)

- [W8W SRD Bands and Modes Operating Schedule](#)
- [W8W QSL's are available by snail-mail and via eQSL.cc](#)
- [Charleston WV NWS Weather Spotter Page](#)
- [Charleston WV NWS County Warning Area](#)

New Amateur Radio equipment and antennas

installation at KRLX began on Nov. 4, 2022. [Read More.](#)