

National Capital Area SKYWARN Amateur Radio Comm Plan

Main SKYWARN Net

Description	Frequency / call / location	Info and Protocol
Primary SKYWARN Net Frequency	147.300+ WA4TSC/R Bluemont, VA	Wide-area coverage repeater with 100+ hours of auxiliary power and NOAA WX Radio Warning Interface. <u>This repeater is to be used as the main SKYWARN Net frequency under all circumstances unless otherwise specified by a SKYWARN Coordinator, Net Manager, or a Bluemont Repeater Control Operator</u>
Primary SKYWARN Net Frequency - Backup	145.210- pl 141.3 K4QJZ Linden, VA 51.94- pl 131.8 N4MDK Linden, VA (repeaters located on High Knob Mt, 2400' amsl)	Wide-area coverage repeater with auxiliary power and NOAA WX Radio Warning Interface. Capable of being linked into 51.94, 442.725, and many other repeaters and simplex frequencies as needed. The Primary Skywarn net will QSY here if the Bluemont Repeater is unusable and wide-area coverage is required.
SKYWARN Net Auxiliary / Subnet Backbone	<u>The NERA Link System</u> all repeaters (except Bull Run) have a pl tone of 107.2 449.975- WA3KOK Wash DC 443.400+ K3HOT Germantown, MD 442.450+ WA3KOK Capon Mt, WV 443.250+ K3HOT Fork Mt, VA 449.275- N3CDY Baltimore, MD 447.775- WA3KOK Bull Run Mt, VA (PL is 67) 443.400+ WA3KOK Frostburg, MD 442.725+ N4NRO High Knob Mt, VA <u>a map of the NERA Network</u>	Linked UHF repeater system with a super-wide combined coverage area capable of reaching most areas of the Sterling CWA. All repeaters are at locations that are dependent on commercial site backup power; reliable for use even when commercial power is lost. This repeater network is constantly monitored by WX4LWX and the SKYWARN Coordinators and Net Controls during SKYWARN Activations. Reports can be routed through this system if the Bluemont repeater cannot be reached. Subnets can use this system to route reports and coordinate efforts with the primary net and NWS.

Subnets - Virginia

(SKYWARN Subnets can either activate on their own due to severe weather or by request from the Amateur Radio Coordinator or NWS)

Description	Frequency / call / location	Info
Northern Shenandoah Valley / Winchester Area Subnet	146.820- W4RKC Winchester, VA 448.775- pl 146.2 W4RKC (secondary) 442.000+ pl 146.2 W3IF (backup)	Subnet activates when local severe weather reports are needed from Frederick, Clarke, and Shenandoah counties in Virginia.
Southern Shenandoah Valley / Rockingham County Subnet	146.625- pl 131.8 W3MMC New Market, VA	Subnet activates when local severe weather reports are needed from southern Shenandoah, Rockingham, Highland, Augusta, and Page counties in Virginia.
Fredericksburg / Stafford Area Subnet	145.270- pl 79.7 WW4VA Stafford, VA 444.450+ pl 79.7 WW4VA Stafford, VA (pl tones are off when SKYWARN is active)	Subnet activates when local severe weather reports are needed from Stafford, Spotsylvania, King George, and southern Prince William counties in Virginia.
Charlottesville Area Subnet	444.400+ pl 103.5 N8HON Fork Mt, VA 443.250+ pl 107.2 K3HOT Fork Mt, VA	Subnet activates when local severe weather reports are needed from Albemarle, Greene, Madison, Orange, and Nelson counties in Virginia.

Subnets - Maryland

Description	Frequency / call / location	Info
Washington / Frederick County Area Subnet	147.090+ W3CWC Hagerstown, MD 147.060+ pl 123 K3MAD Frederick, MD	Subnet activates when local severe weather reports are needed from Washington, Frederick, and western portions of Montgomery county in Maryland.
Southern Maryland Subnet	<p style="text-align: center;"><u>The Southern Maryland Link System</u></p> <p style="text-align: center;"><i>All repeaters linked full time with exception of 147.150 which is on demand and during activations</i></p> <p style="text-align: center;">Main Repeater (k3cal) 146.985- pl 156.7 - Sunderland</p> <p>Link Repeater (n3no) 147.390+ pl 146.2 - Lexington Park</p> <p>Link Repeater (n3px) 147.195+ pl 156.7 - Hollywood</p> <p>Link Repeater (n3no) 443.300+ pl 156.7 - Lusby</p> <p style="text-align: center;"><i>Link Repeater (w3smr) 147.150+ pl 114.8 - Brandywine</i></p>	Subnet activates when local severe weather reports are needed from Calvert, Charles, Prince Georges, and St. Mary's counties in Maryland.
Baltimore and Harford County Area Subnet	147.030+ WB3DZO Baltimore, MD Also 224.960- 448.325-	Subnet activates when local severe weather reports are needed from Baltimore, Harford, Carroll, and parts of Howard and Anne Arundel counties in Maryland..

Subnet - West Virginia (Western counties that are unable to access the primary net)

Description	Frequency / call / location	Info
West Virginia Subnet	147.390+ pl 123 N8RCG Keyser, WV **145.330- pl 123 N8YIB Cumberland, MD <u>The Outback Repeater Link System</u> 146.805- KB8NUF Oakland, MD <u>**145.330- N8YIB Cumberland, MD</u> 145.170- Berkeley Springs, WV <u>53.41- N8YIB Cumberland, MD</u> <u>447.175- N2OCW Berkeley Springs, WV</u> <u>444.000+ KK3L Cumberland, MD</u>	Roving subnet activates when severe weather reports are needed from counties in the far-western portion of the NWS Sterling CWA. Counties include Hampshire, Hardy, Mineral, Grant, and Morgan counties in West Virginia, and Allegany county in western Maryland. This subnet currently requires a roving Net Control to check the net frequencies for severe weather reports.

updated 6/29/07 by W1CAR