

KEEP A NOAA WEATHER RADIO

National Weather Service Blacksburg's Listening Areas:

Roanoke, VA	WXL-60	162.475 MHz
Lynchburg, VA	WXL-92	162.550 MHz
Halifax/South Boston, VA	WNG-586	162.525 MHz
Richlands, VA	WZ-2543	162.425 MHz
Wytheville, VA	WXM-72	162.450 MHz
Hinton, WV	WXM-72	162.425 MHz
West Jefferson, NC	WNG-588	162.525 MHz



- NOAA Weather Radio is the only direct means to receive warnings from the National Weather Service.
- Have multiple ways to receive warnings
- Most flash flood warnings will not trigger Wireless Emergency Alerts on your phone. Make sure you are receiving warnings: www.weather.gov/subscribe.

FIND NWSBLACKSBURG ON SOCIAL MEDIA:



REMEMBER

Storms are a Threat Whenever...

- You see lightning or hear thunder
- You hear loud static on AM radio
- Very heavy rainfall develops

Before Setting Out On the Trail...

- Listen to NOAA Weather Radio for weather information
- If storms are forecast, the best bet is to **STAY IN CAMP**

While In Camp...

- If storms are imminent, seek shelter in a sturdy building if possible, or go to higher ground immediately!
- Your vehicle is safe from lightning, but may not be if the storm is severe
- Stay tuned to a NOAA Weather Radio for the latest forecasts, outlooks, watches, and warnings.
- If a campground's alarm system relies on electricity, have an alternate method to notify campers in case of power failure.

Contact us to get help with your outdoor plans:

NATIONAL WEATHER SERVICE
1750 FORECAST DRIVE
BLACKSBURG, VA 24060
PHONE: 540-553-8900

CAMPING SAFETY TIPS

KNOW BEFORE YOU GO

Check the forecast at weather.gov
Always pack for inclement weather,
regardless of the forecast!

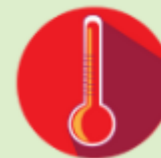




FLASH FLOODING
Know Your Action
 Avoid hiking in canyons
 Don't camp near streams or rivers



LIGHTNING
Know Your Action
 Remain weather-ready
 If you hear thunder or see lightning...
 go immediately to an enclosed
 building or hard-topped vehicle.
 Avoid isolated tall trees or ridge tops.



HEAT
Know Your Action
 Remain hydrated/bring extra water
 Wear light, loose fitting clothing
 Use sunscreen
 Take breaks in shade

- **Flash flooding** can occur any time of year, and thunderstorms upstream can cause a flood downstream.
- Avoid camping on banks of high and fast running streams, creeks, or rivers as well in narrow valleys. If you notice even a slight rise in water levels, seek higher ground immediately!
- Be alert for thunder or lightning in immediate vicinity or over nearby hills.
- Distant rain may be channeled into gullies, narrow canyons, ravines, and burn scars from recent wildfires.
- Heavy rain can cause debris flows, especially in hilly or mountainous terrain. Debris flows can completely destroy campsites and bury campers in a matter of minutes.
- Climb to higher ground!
- Six inches of fast-moving water can knock you off your feet.
- **DO NOT DRIVE** through Water flowing over roads! Most flash flood victims



- **Lightning** injuries and deaths are more likely if you are exposed on higher ridges, out in fields, or are seeking shelter under a solitary tree.
 - Thunderstorms typically develop in the afternoon, so plan to hike early in the day
 - Stay **AWAY** from isolated taller objects such as a large tree or metal pole, go down hill off ridges and mountain tops, get off open water.
 - Warnings are **NOT** issued for lightning – it's up to you to take cover!
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- **Severe thunderstorms** can include:
 - damaging wind gusts of 60 mph or greater, 1" diameter or greater hail, and/or tornadoes.
 - On days when thunderstorms are predicted, frequently monitor the forecast for Severe, Tornado, or Flash Flood **Watches** (growing threat...remain alert), or **Warnings** (imminent threat...TAKE COVER NOW!)
 - A tent or camper is not safe in high winds.

- To avoid **heat**-related dangers, avoid the hottest time of day, usually between 1 and 5 PM.
- Slow down, drink plenty of water, and take frequent breaks.
- Stay in the shade when possible
- Wear lightweight, loose-fitting and light-colored clothing.
- For camping/hiking in **cold** weather, dress in layers and stay dry.
- Do not leave skin exposed to the cold.
- Be prepared to rake shelter in a lean-to, wind break, or snow cave.

Wind Chill Chart

		Temperature (°F)																		
		40	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45	
Wind (mph)	Cal	40	36	31	25	19	13	7	1	-5	-11	-16	-22	-28	-34	-40	-46	-52	-57	-63
	5	34	27	21	15	9	3	-4	-10	-16	-22	-28	-35	-41	-47	-53	-59	-66	-72	-78
	10	32	25	19	13	6	0	-7	-13	-19	-26	-32	-39	-45	-51	-58	-64	-71	-77	-83
	15	30	24	17	11	4	-2	-9	-15	-22	-29	-35	-42	-48	-55	-61	-68	-74	-81	-87
	20	29	23	16	9	3	-4	-11	-17	-24	-31	-37	-44	-51	-58	-64	-71	-78	-84	-91
	25	28	22	15	8	1	-5	-12	-19	-26	-33	-39	-46	-53	-60	-67	-73	-80	-87	-94
	30	28	21	14	7	0	-7	-14	-21	-27	-34	-41	-48	-55	-62	-69	-76	-82	-89	-96
	35	27	20	13	6	-1	-8	-15	-22	-29	-36	-43	-50	-57	-64	-71	-78	-84	-91	-98
	40	26	19	12	5	-2	-9	-16	-23	-30	-37	-44	-51	-58	-65	-72	-79	-86	-93	-100
	45	26	19	12	4	-3	-10	-17	-24	-31	-38	-45	-52	-60	-67	-74	-81	-88	-95	-102
	50	25	18	11	4	-3	-11	-18	-25	-32	-39	-46	-54	-61	-68	-75	-82	-89	-97	-104
55	25	18	11	4	-3	-11	-18	-25	-32	-39	-46	-54	-61	-68	-75	-82	-89	-97	-104	
60	25	17	10	3	-4	-11	-19	-26	-33	-40	-48	-55	-62	-69	-76	-84	-91	-98	-105	

Frostbite Times: 30 minutes (blue), 10 minutes (light blue), 5 minutes (purple)