

**NASSAU COUNTY SKYWARN NET CONTROL SCRIPT  
FOR USE DURING SEVERE THUNDERSTORM AND TORNADO WARNINGS**

Revised 02-April-2009

See last pages for regional Skywarn repeater frequencies, wind and hail measurement guides.

**PRE-NET ACTIVITIES**

- *Announce that a net will be convened and ask people to clear the frequency.*
- *Have paper and pencils handy! DO NOT LOG TO COMPUTER!!!*
- *Nassau Skywarn Coordinator and Deputy discuss duties with NC station(s)*
  - *NWS Liason*
  - *Liason to other counties*
  - *Coordinate with NC ARES –DEC or Assist. DEC*
  - *Establish an alternative NCS station before launch*
- *Prepare quick 30 second briefing based on the NWS warning.*

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**PREAMBLE:**

**Calling the Nassau County SKYWARN SPECIAL WEATHER Net, calling the Nassau County SKYWARN SPECIAL WEATHER Net...**

This is \_\_\_\_\_ (*Call Sign*) the Net Control Station for this session of the Nassau County SKYWARN SPECIAL WEATHER Net. My name is \_\_\_\_\_ and I am located in \_\_\_\_\_, \_\_\_\_\_ (*Village/Town*).

**Any station with an actual emergency may break this net** at any time by informing Net Control that you have an emergency and control of the frequency will be turned over to you.

Operators should consider switching to HT radios and keep a keen eye out for possible dangers such as downed power lines and potential falling debris. Do not make yourself a target for lightning. **Think safety first, spotting second!**

This is a **Directed Net**, and as such all transmissions are to be made through **Net Control**. We ask, that once checked into the net, that you **do not leave** without first informing **Net Control**.

This is a **voice-only net**. All reports are to be submitted by voice to Net Control. If the use of this repeater is lost, please QSY to our secondary frequency, 147.135.

This net has been convened at the request of the National Weather Service's Upton Office for the purpose of **providing accurate and timely reporting of direct observations** of weather phenomenon. The information gathered benefits the people of Nassau County and the agencies that serve them.

**While actual severe weather is in the county, this net will ONLY accept traffic that**

- **Is of emergency in nature or -**
- **Meets NWS reporting criteria or -**
- **Originates from liasons and coordinators and their deputies.**
- **All other traffic will not be acknowledged by Net Control**

Requests to secure are required and will also be accepted. If you return to this net, please contact Net Control and check-in again. Mobile stations please give your exact street locations when passing reports.

**Reportable criteria are:**

- Any deaths or injuries caused by severe weather (do not give names)
- Any tornado (don't guess)
- A wall or funnel cloud
- Hail of any size
- Wind gusts over 58MPH
- Rain that causes flooding rendering streets impassable-be prepared to give exact street locations and village/town.
- Expanding virga under the cloud base
- Fallen trees and limbs, give approximate diameter and whether wood is rotted.

Please keep your reports brief and concise and be prepared to answer follow-up questions regarding your observations and location.

**Remember "L. E. T." – Location, Event and Time are the ingredients for a good report.**

## **BRIEFING**

*Provide the 30 second synopsis that you prepare just prior to the net opening.*

## **CALL-UPS**

The net will now call for stations to check in. (*record time in the log*)

When checking into the net, please call this station \_\_\_\_\_ (**NCS Call**), drop your carrier to check for doubling, then after a slight pause, please provide only your call sign, Skywarn number if you have one and the village where you are located. Any station with traffic for the net, please say, “with traffic.”

**Please speak slowly, and clearly.** We will continue to take check-ins until no more stations trying to join are heard.

## **TRAFFIC**

*Call for any stations listing traffic for the net.*

## **ONGOING OPERATION**

*When taking reports- get time, location, and quantifiable data: Size, speed, direction, depth, and the like. Always ask about winds when getting other information. L.E.T Location – Event – Time!!!*

*Be firm, yet polite with stations that are having trouble following your direction. You may request that any station that does not abide by repeated requests for decorum to secure from the net. **DO NOT RECOGNIZE STATIONS WHO DO NOT PROVIDE YOU WITH THE NEEDED CRITERIA. IF THEY PERSIST, ASK THEM TO STOP AND SECURE FROM THE NET.***

*Depending on conditions- use your discretion in loosening or tightening the rules.*

*Remember that while we are operating that others may be listening. This includes the media, adjoining Skywarn groups, county and town agencies, etc.*

## **CLOSING**

This has been a severe weather activation of the Nassau County SKYWARN Net. I would like to thank all those who have checked into the net for their participation and support for this SPECIAL SKYWARN Weather Emergency Communications Net.

I would like to thank the following stations who checked in tonight training session and they were:

*Read off the check-in list.*

*IF you expect additional weather to develop- advise the net to monitor the frequency for other activations as conditions appear to be right for possible additional spotter information.*

*Also remind those who have been on battery power and can recharge to do so. Always be prepared.*

I would also like to thank WB2WAK for the use of the repeater. Please join us on the Nassau County SKYWARN Training Net that meets every Sunday evening at 7:45 PM local time, on the 146.805 repeater. For more information, please visit us on the web at [www.nassauskywarn.net](http://www.nassauskywarn.net).

On behalf of the Upton National Weather Service Office and the leadership of Nassau County Skywarn and ARES, I thank you for your dedication and service. This net is now closed and I return the repeater back to casual amateur use.

This is \_\_\_\_\_, Net Control .73 to all and safe spotting! OUT.

**SKYWARN FREQUENCIES FOR UPTON NWS COUNTIES**

<b>County</b>	<b>P/A</b>	<b>Repeater / Frequency</b>	<b>Offset</b>	<b>PL</b>
<i>NYC / Long Island</i>				
Suffolk	P	K2SPD - 145.310	-600 kHz	118.8
	A	145.330	-600 kHz	136.5
Nassau	P	146.805	-600 kHz	136.5
	A	147.135	+600 kHz	136.5
NYC - 5 Boroughs	P	147.000	-600 kHz	136.5
<i>Lower Hudson Valley</i>				
Orange	P	WA2VDX - 146.760	-600 kHz	100.0
Putnam	P	K2PUT - 145.130	-600 kHz	136.5
Rockland	P	WB2RRA - 147.165	+600 kHz	114.8
	A	N2ACF - 146.460	+1000 kHz	114.8
Westchester	P	WB2ZII - 147.060	+600 kHz	114.8
<i>Northeast New Jersey</i>				
Bergen/Passaic	P	W2PQG - 146.700	-600 kHz	141.3
	A	W2MPX - 145.450	-600 kHz	100.0
Hudson	P	W2ODV - 446.575	-5 mHz	107.2
	A	KC2IES - 441.550	+5 mHz	91.5
	A	KC2JES - 441.250	+5 mHz	127.3
Essex	P	WA2JSB - 146.415	+1 mHz	85.4
Union	P	W2LI - 147.255	+600 kHz	141.3
<i>Southern Connecticut</i>				
Fairfield - North	P	W1QI - 147.300	+600 kHz	100.0
Fairfield - South	P	K1OF - 147.390	+600 kHz	<i>none</i>
Fairfield - countywide	A	146.535	<i>SIMPLEX</i>	
New Haven/Middlesex	P	N1LFE - 147.505	-1 mHz	77.0
New London	P	146.730	-600 kHz	156.7
	A	146.970	-600 kHz	156.7

### HAIL SIZE ESTIMATION

Description	Inches Diameter
Pea	0.25
Dime	0.50
Penny	(severe) 0.75
Nickel	0.88
Quarter	1.00
Half Dollar	1.25
Golfball	1.75
Tennis Ball	2.50
Baseball	2.75
Grapefruit	4.00

### WIND SPEED ESTIMATION

Beaufort Scale	Speed MPH	Description
0	<1	Calm, smoke rises vertically
1	1-3	Light air, direction of wind shown by smoke drift only
2	4-7	Light breeze, wind felt on face, leaves rustle, vanes moved by wind
3	8-12	Gentle breeze, leaves in constant motion, wind extends light flag
4	13-18	Moderate breeze, raises dust, loose paper, small branches move
5	19-24	Fresh breeze, small trees in leaf begin to sway
6	25-31	Strong breeze, large branches in motion, umbrellas used with difficulty
7	32-38	Near gale, whole trees in motion, resistance felt against the wind
8	39-46	Gale, breaks twigs off trees, impedes progress
9	47-54	Strong gale, slight structural damage occurs
10	55-63	Storm, trees uprooted, considerable damage occurs
11	64-73	Violent storm, widespread damage
12	74+	Hurricane, extreme destruction