



# SKYWARN

## Net Operations

Lesson 4 – What Happens With  
The Data Collected On The Nets?

For Amateur Radio SKYWARN Nets  
In Bergen and Passaic Counties  
On The W2PQG Repeater



# 1. What Happens With The Data Collected On A Bergen-Passaic SKYWARN Net?

## ■ During Severe Weather SKYWARN Nets:

- ◆ A designated NWS Liaison Station (*or an operator at the NWS Upton, NY*) will be monitoring the Net and will immediately relay all reports of NWS defined Severe Weather to the appropriate NWS office
  - ◆ *If necessary the Primary Net Control Station will pass Control of the Net to an Alternate Net Control Station, and then contact the NWS*
- ◆ All reportable Severe Weather and Storm Damage Reports are also sent to the NWS in a Summary Report after the Net is closed



## 2. What Happens With The Data Collected On A Bergen-Passaic SKYWARN Net?

(continued 1)

- During Non-severe Weather SKYWARN  
Nets or Weather Data Collection Nets
  - ◆ All reports are sent to the NWS in a Summary  
Report as soon as the Net is closed.



### 3. What Happens With The Data Collected On A Bergen-Passaic SKYWARN Net? (continued 2)

#### ■ Spotter Reports Are Used In NWS Statements and Warnings

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WGUS81 KOKX 120157

FLSOKX

NYC071-120345-

FLOOD STATEMENT

NATIONAL WEATHER SERVICE UPTON NY

952 PM EDT MON AUG 11 2003

...MINOR FLOODING IS OCCURRING IN ORANGE COUNTY...

A SEVERE STORM SPOTTER REPORTED FLOODING IN THE WALDEN AREA WITH A ROAD CLOSURE OF KINGS HILLS ROAD DUE TO A MUD SLIDE.

DOPPLER INDICATES WIDESPREAD LIGHT TO MODERATE RAIN CONTINUES TO FALL WITH AN ADDITIONAL ONE HALF TO ONE INCH OF RAINFALL POSSIBLE THROUGH MIDNIGHT.



## 4. What Happens With The Data Collected On A Bergen-Passaic SKYWARN Net? (continued 3)

### ■ Spotter Reports Are Used In NWS Local Storm Reports:

NWUS51 KOKX 110105  
LSROKX

PRELIMINARY LOCAL STORM REPORT  
NATIONAL WEATHER SERVICE NEW YORK NY  
905 PM EDT SUN AUG 10 2003

0205 PM	CRANFORD	NJ	FLASH FLOODS
08/10/03	UNION		STREET FLOODING AND SMALL STREAM FLOODING. REPORTED BY SPOTTERS.

0245 PM	RUTHERFORD	NJ	FLASH FLOODS
08/10/03	BERGEN		STREET FLOODING. REPORTED BY SPOTTERS.

0230 PM	LODI	NJ	FLASH FLOODS
08/10/03	BERGEN		FLOODING ON ROUTE 17 AND ROUTE 80. REPORTED BY SPOTTERS.



## 5. What Happens With The Data Collected On A Bergen-Passaic SKYWARN Net? (continued 4)

### ■ Spotter Reports Are Used In NWS Public Info Statements:

PUBLIC INFORMATION STATEMENT  
NATIONAL WEATHER SERVICE UPTON NY  
1221 AM EST TUE FEB 18 2003

PRESIDENTS DAY 2003 UNOFFICAL STORM TOTAL REPORTS

MANY THANKS TO OUR SPOTTERS AND COOPERATIVE OBSERVERS FOR THEIR EFFORTS

...BERGEN...

OAKLAND	22.0"	0700 PM	02/17
HASBROUCK HEIGHTS	21.0"	0700 PM	02/17
FAIR LAWN	19.3"	0700 PM	02/17
RAMSEY	18.1"	0700 PM	02/17
ORADELL	17.6"	0700 PM	02/17
SADDLE BROOK	17.5"	0700 PM	02/17
LODI	17.0"	0700 PM	02/17

...PASSAIC...

POMPTON LAKES	22.0"	0700 PM	02/17
WANAQUE	21.2"	0700 PM	02/17
BLOOMINGDALE	20.8"	0700 PM	02/17



## 6. What Happens With The Data Collected On A Bergen-Passaic SKYWARN Net? (continued 5)

### ■ Spotter Reports Are Used In NWS Storm Data Records

National Climate Data Center

Event Record Details

Date: 19 Apr 2002, 05:05:00 PM EST

Here are selected reports of hail from NWS Skywarn Spotters:  
Western Passaic County - 1.75-inch diameter hail (golf ball) in Western Passaic, 1.00-inch diameter hail in West Milford, and 0.75-inch diameter hail in Pompton Lake Eastern Passaic County - In Bergen County - from 0.75-inch diameter hail in Saddle Brook to 1.00-inch diameter hail in Dumont

Spotters' wind systems measured a 63 MPH wind gust in Garwood at 6:03 pm EDT and a 60 MPH wind gust in Elizabeth at 6:00 pm EDT. They also reported multiple gustnadoes in Jersey City. Five 2 1/2 story framed houses under construction collapsed and a 20 story high crane snapped in Jersey City.

Here are selected flash flood reports provided by NWS Skywarn spotters: In Bergen County - At 6:05 pm EDT, water ponded up to 1 foot and covered many streets in South Hackensack. At 6:28 pm EDT, a police officer rescued a mother with her child at the intersection of Route 17 and Franklin Ave. in Hasbrouck Heights.



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Thank You For Your Interest In  
The Bergen and Passaic Counties

SKYWARN Program

[www.bergenskywarn.org](http://www.bergenskywarn.org)