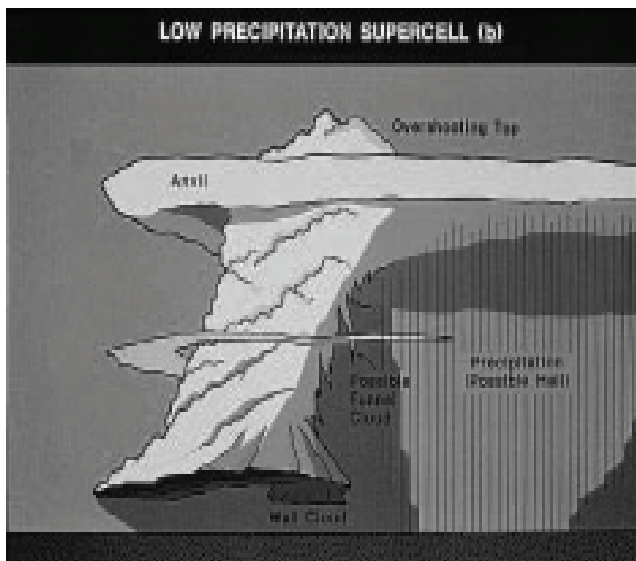


Wind Speed Estimation		Description
miles per hour	knots	
less than 1	less than 1	Calm; smoke rises vertically
1 - 3	1 - 2½	Direction of wind shown by smoke drift, but not by wind vanes
4 - 7	3½ - 6	Wind felt on face; leaves rustle; ordinary vane moved by wind
8 - 12	7 - 10.4	Leaves and small twigs in constant motion; wind extends light flag
13 - 18	11.3 - 15½	Raises dust and loose paper; small branches are moved
19 - 24	16½ - 20.8	Small trees in leaf begin to sway; crested wavelets form on inland waters
25 - 31	21.7 - 26.9	Large branches in motion; whistling heard in telephone wires
32 - 38	27.8 - 33	Whole trees in motion; inconvenience felt walking against the wind
39 - 46	33.9 - 40	Breaks twigs off trees; wind generally impedes progress Notify NWS Via Spotter 800 #
47 - 54	40.8 - 47	Slight structural damage
Severe begins at 58 mph	Severe begins at 50.4	
55 - 63	47.8 - 54.7	Damage to chimneys and TV antennas; pushes over shallow rooted trees
64 - 74	55½ - 64.2	Rarely experienced; structural damage becomes possible

SKYWARN REPORTING PROCEDURES

Report Briefly:

- **WHAT** you have seen; wall cloud, tornado, funnel cloud, waterspout, heavy rain, etc. Describe the storm's direction and speed of travel, size, intensity and destructiveness.
- **WHERE** you saw it; the direction and distance from a known location or intersection.
- **WHEN** you saw it; make sure you note the time of the observation.
- **IDENTIFY** yourself, indicate you are a trained Skywarn Spotter and provide your Skywarn Spotter Number.



National Weather Service

Warning Coordination Meteorologist

Robert Molleda
11691 SW 17th Street
Miami, FL 33165

Palm Beach County



SKYWARN

Volunteer



Quick Guide

The following is a list of types of weather observations that are critical to the NOAA / NWS. Your report will be directly forwarded to a forecaster.

- Tornadoes - has touched down
- Funnel Clouds -has not touched down
- Rotating Wall Clouds -look for persistence
- Flash Flooding
- Winds - 40 mph or greater
- Rainfall - Amounts of 1 inch or more an hour
- Heavy Fog - hazardous driving conditions
- Hail 1/2 inch or greater
- Cloud features suggesting storm organization

Who To Notify

If spotting any of the above in progress, notify the NWS Spotter Hot-Line at 1-800-850-5058 and your local Public Safety Agencies

The 800 number is to be used by certified Spotters only

Have the following information ready:

- Skywarn Spotter ID number
- Location:Closest Street Name / Lat /Long or GPS
- Type of severe weather
- Wind Speed if known (If measured type of device)
- Direction Severe weather is moving

If spotter observation is after the hazard has past, do not call the Hot-line but follow up with NOAA / NWS on-line Spotter report form_

Safety Reminder: Don't risk your safety to gather weather information or data.

Lightning Safety

Watch for Developing Thunderstorms lightning can strike 10 miles away from area it is raining.

Seek Safe Shelter: If you can hear thunder, you are within striking distance. Wait 30 minutes after thunder stops before going outdoors

Indoor Activities: Avoid tubs / plumbing, electronic equipment to include phones, & computers

Phone Numbers

NWS Spotter Hot-Line 1-800-850-5058

NWS SKYWARN -Miami

General SKYWARN Information 1-305-229-4520

Robert Molleda robert.molleda@noaa.gov

Palm Beach Coordinator 1-561 374-4249

Maurice Dake K9EE mldake@comcast.net

Glades Area Coordinator 1-561-261-1224

Ray Ruby WX4PBC wx4pbc@yahoo.com

SKYWARN Websites

Palm Beach County Skywarn

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

Western Palm Beach County

[http:// gladeskywarn.org](http://gladeskywarn.org)

NWS SKYWARN-Miami

<http://www.srh.noaa.gov/mfl/?n=skywarn>

S. E. Florida SKYWARN Frequencies

Palm Beach	147.225 +600 (PL 107.2)
Broward County	146.910 -600 (PL 110.9) 146.7910 -600 (PL 110.9)
Miami-Dade County	147.000 -600 147.180 +600 (PL 156.7) 444.200 +5.0 (PL 94.8)
Collier County	146.670 -600 (PL 136.5) Echolink Node - 389568

Other Useful Frequencies

Palm Beach County:

ARES/RACES	146.76 -600 (PL 107.2)
Belle Glade	147.120 + 600 (PL 110.7) Echolink Node 147120

Martin County

SKYWARN 147.060 (107.2)

Okeechobee County

SKYWARN 147.195 + .600 (PL: 100)

NOAA Weather Radio

Palm Beach County / SAME Code 012099

Belle Glade 162.400 MHz
West Palm 162.475 MHz

Hendry County / SAME Code 012051

Belle Glade 162.400 MHz
Ft Myers 162.475 MHz
Naples 162.525 MHz

Glades County / SAME Code 012043

Belle Glade 162.400 MHz
Ft Myers 162.475 MHz
Naples 162.525 MHz