

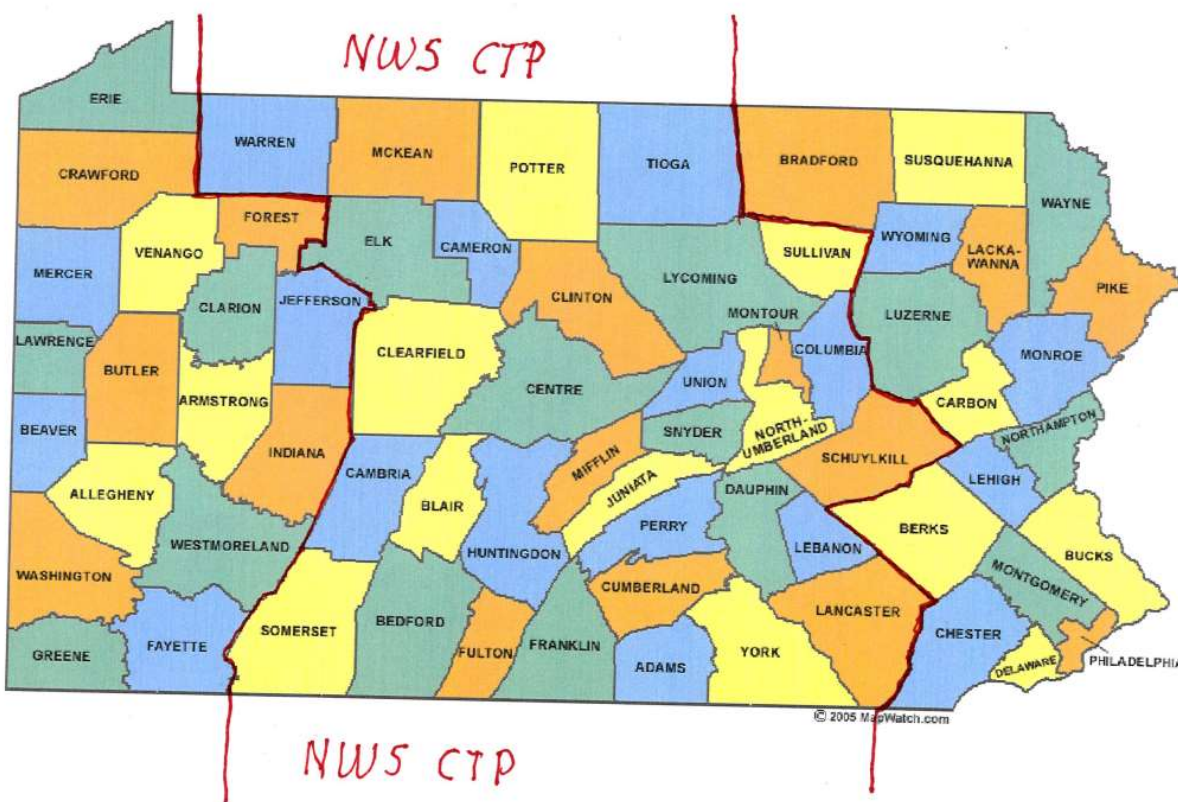
Incident Briefing (ICS-201)

1. Incident Name Skywarn Recognition Day 2021	2. Incident Number NA	3. Date Initiated 27 Nov 2020
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This form is designed to include all the fields of a standard ICS-201 but to scale better in Microsoft Word. C. Prestia, K3CWP 9/21/2019

4. Map/Sketch:

33 county area of service for National Weather Service
Central Pennsylvania Office, State College, PA.



5. Situation Summary/Health & Safety Briefing:

6. Prepared by: Carmine W Prestia Jr, K3CWP	Position/Title: ARRL EC, Centre County
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Twenty Four hour period for NWS to recognize the contributions of Skywarn spotters in the amateur radio community to the NWS Mission.

Operating Procedures:

From: https://www.weather.gov/crh/skywarn_operating_procedures

SKYWARNTM Recognition Day Operating Instructions

1. Object SKYWARNTM Recognition Day serves to celebrate the contributions to public safety made by amateur radio operators Skywarn Spotters during threatening weather.

Amateur stations to exchange QSO information with as many National Weather Service Stations as possible on 80, 40, 20, 15, 10, 6, and 2 meter bands plus the 70 centimeter band. Contacts via repeaters are permitted.

Non-Amateur Radio Spotters to exchange weather information as often as possible via Social Media with NWS Offices.

2. Date NWS stations may operate at any time during December 4, 2021 from 0000 - 2400 UTC.

3. Exchange: Call sign, signal report, QTH, and a one or two word description of the weather occurring at your site ("sunny", "partly cloudy", "windy", etc.).

4. Modes: NWS stations will work various modes including SSB, FM, AM, RTTY, CW, and PSK31. While working digital modes, special event stations will append "NWS" to their call sign (e.g., N0A/NWS). NWS offices may also participate via Social Media platforms throughout the 24 hour period.

5. Station Control Operator: It is suggested that during SRD operations a non-NWS volunteer should serve as a control operator for your station.

6. Event and QSL Information: The National Weather Service will provide event information via the internet. Event certificates will once again be electronic and printable from the main website after the conclusion of SRD.

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For reports on repeaters throughout the NWS CTP area try to follow the below format for your weather reports. Please use measured

1. Callsign and Spotter # (if any)
2. Time of observation
3. Location
 - a. City and street
 - b. Ex. State College, East Beaver Avenue
 - i. Keep personal addresses out
4. Temperature
5. Relative Humidity
6. Barometer
7. Rising, Steady, or Falling
8. Winds:
 - a. Beaufort Scale if not measured
9. Rainfall (measured only)
10. Conditions
 - a. Clear, partly cloudy, cloudy, partly sunny, overcast

Beaufort scale is below.

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BEAUFORT SCALE	WIND SPEED (km/h)	DESCRIPTION	WAVE HEIGHT (meters)	SEA CONDITIONS	LAND CONDITION
0	<1	Calm	0	Flat.	Calm. Smoke rises vertically.
1	1-5	Light air	0.1	Ripples without crests.	Wind motion visible in smoke.
2	6-11	Light breeze	0.2	Small wavelets. Crests of glassy appearance, not breaking.	Wind felt on exposed skin. Leaves rustle.
3	12-19	Gentle breeze	0.6	Large wavelets. Crests begin to break; scattered whitecaps.	Leaves and smaller twigs in constant motion.
4	20-28	Moderate breeze	1	Small waves.	Dust and loose paper raised. Small branches begin to move.
5	29-38	Fresh breeze	2	Moderate (1.2 m) longer waves. Some foam and spray.	Branches of a moderate size move. Small trees begin to sway.
6	39-49	Strong breeze	3	Large waves with foam crests and some spray.	Large branches in motion. Whistling heard in overhead wires. Umbrella use becomes difficult. Empty plastic garbage cans tip over.
7	50-61	High wind, Moderate Gale, Near Gale	4	Sea heaps up and foam begins to be blown in streaks in wind direction.	Whole trees in motion. Effort needed to walk against the wind. Swaying of skyscrapers may be felt, especially by people on upper floors.
8	62-74	Fresh Gale	5.5	Moderately high waves with breaking crests forming spindrift. Streaks of foam.	Twigs broken from trees. Cars veer on road.
9	75-88	Strong Gale	7	High waves (6-7 m) with dense foam. Wave crests start to roll over. Considerable spray.	Larger branches break off trees, and some small trees blow over. Construction/temporary signs and barricades blow over. Damage to circus tents and canopies.
10	89-102	Whole Gale/ Storm	9	Very high waves. Large patches of foam from wave crests give the sea a white appearance. Considerable tumbling of waves with heavy impact. Large amounts of airborne spray reduce visibility.	Trees are broken off or uprooted, saplings bent and deformed, poorly attached asphalt shingles and shingles in poor condition peel off roofs.
11	103-117	Violent storm	11.5	Exceptionally high waves. Very large patches of foam, driven before the wind, cover much of the sea surface. Very large amounts of airborne spray severely reduce visibility.	Widespread vegetation damage. More damage to most roofing surfaces, asphalt tiles that have curled up and/or fractured due to age may break away completely.
12	≥118	Hurricane-force	≥14	Huge waves. Sea is completely white with foam and spray. Air is filled with driving spray, greatly reducing visibility.	Considerable and widespread damage to vegetation, a few windows broken, structural damage to mobile homes and poorly constructed sheds and barns. Debris may be hurled about.

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7. Current and Planned Objectives:

Participating stations register with NWS at
<https://www.weather.gov/lmk/SKYWARNRecognitionDay2021>

Establish as many contacts with as many stations as possible in the NWS CTP 33 county area.

Stations with HF capability should make as many contacts with NWS offices that have HF capability.

Test VHF links to the various counties.

Test the new UHF link from Centre County to the Central Pennsylvania Skywarn Group in Dauphin County (the SE corner of NWS CTP service area) using the new K3HOT UHF link to the PEMA 145.11 repeater there.

Participating stations file activity reports with NWS as instructed by NWS after registering.

8. Current and planned actions and strategies:

TIME	ACTION
3 Dec 2021, 1900	Skywarn Recognition Day begins Individual station HF operations begin.
4 Dec 2021, 1100	Centre County Operations Begin on 2 meters and 70 centimeters.
4 Dec 2021, 1130	On air message from NWS CTP if personnel available
4 Dec 2021, 1200	Centre County Operations End
4 Dec 2021, 1900	Skywarn Recognition Day ends. Individual station HF operations end.

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9. Current Organization (Chart):

No specified organization, individual operators may use their own stations to operate HF and VHF/UHF.

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10. Resource Summary

Resource	Resource Identifier	Notes (Location/Assignment/Statue)
K3HOT UHF/VHF Link	K3HOT-R	Real time duplex link to 145.11 repeater in Dauphin County 443.425 mHz, +5 mHz, Tone 107.2 Hz
W3YA VHF Repeater	Cen85	Coverage for Centre and surrounding counties 146.850 mHz, -0.6 mHz, Tone 146.2 Hz
W3GA Repeater	Cen76	Coverage for Western Centre and surrounding counties 146.760 mHz, -0.6 mHz, Tone 146.2 Hz
NWS CTP VHF & UHF station	NWS	IF Permitted, and operator may be assigned to NWS CTP to operate the station there.
NWS HF Stations		Any NWS station as above. If a listing of participating NWS Stations becomes available it will be provided.
NCS VHF/UHF	Net Control	Greg Guise, K3HOT, Primary Carmine Prestia, K3CWP, Backup

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