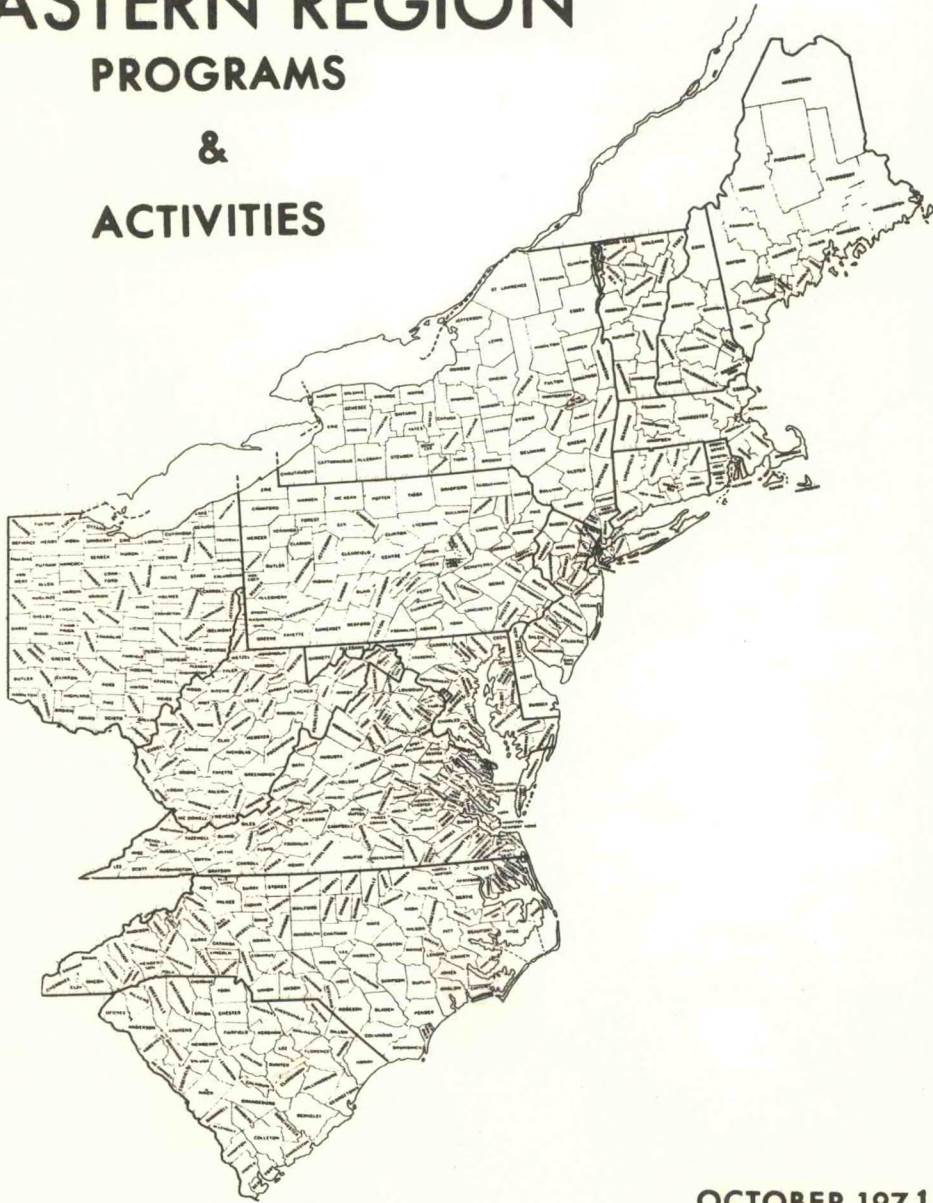




NATIONAL WEATHER SERVICE

U.S. DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration

EASTERN REGION PROGRAMS & ACTIVITIES



OCTOBER 1971

NWS
003

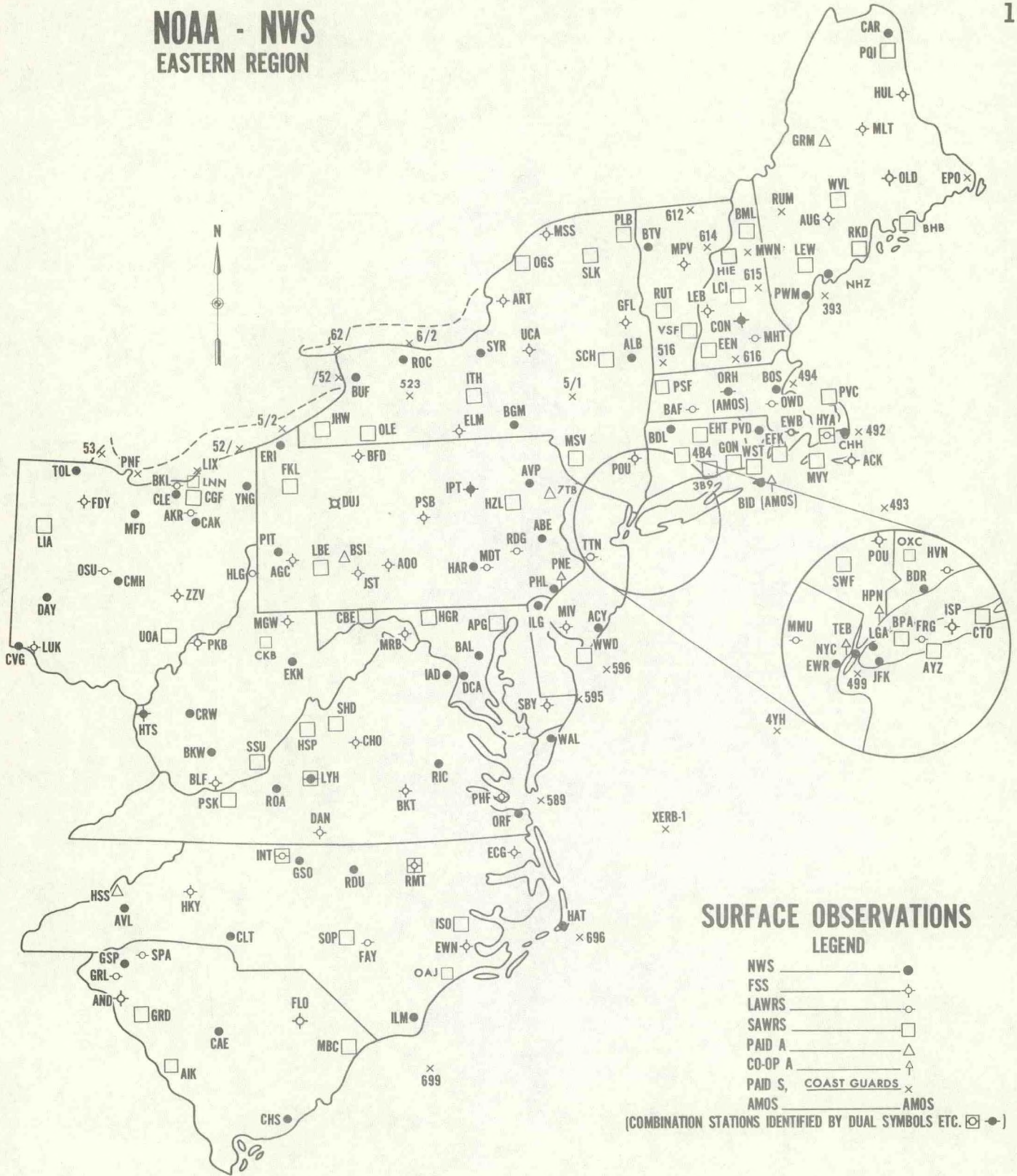
W

EASTERN REGION PROGRAMS AND ACTIVITIES INDEX

Digitizing
NWS003

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2. Upper Air Network
3. Radar Reporting Networks
- 3A. Radar Equipment
4. Substation Network Specialists: Areas of Responsibility
5. Public Service State Forecasts
6. Zone Forecast Areas
7. County Warning Areas
8. River Forecast Center: Hydrologic Service Areas
9. River District Office: Hydrologic Service Areas
- 9A. County Areas of Responsibility for Flash Flood Watches
10. Telemetered Rain Gages
11. Community Flash Flood Warning Systems
12. Aviation Forecast Services
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17. RAWARC and/or Hurricane Teletypewriter Networks
18. Local Public Service Teletypewriter Loops & NOAA WWS
19. Facsimile Communication
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26. Fire Weather Service
27. Air Pollution Program
28. State Climatologists
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30. Electronic Maintenance Areas and Technician Dispersion
31. Single Side Band Communication

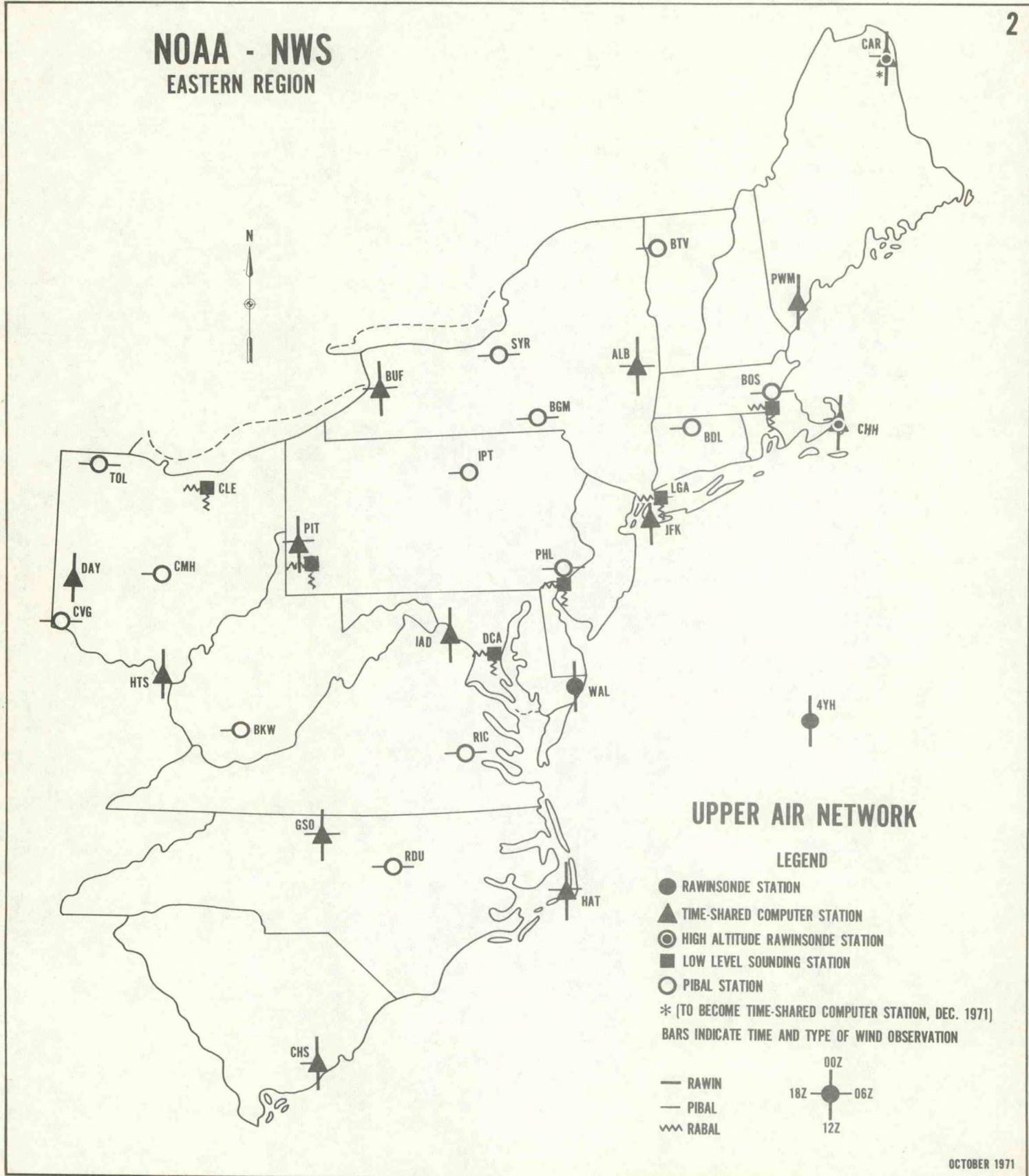
NOAA - NWS EASTERN REGION



SURFACE OBSERVATIONS LEGEND

- NWS —●—
 - FSS —⊕—
 - LAWRS —⊙—
 - SAWRS —□—
 - PAID A —□⊕—
 - PAID S —□⊙—
 - CO-OP A —⊕—
 - PAID S, COAST GUARDS —□X—
 - AMOS —□◇—
- (COMBINATION STATIONS IDENTIFIED BY DUAL SYMBOLS ETC. □⊙)

NOAA - NWS EASTERN REGION

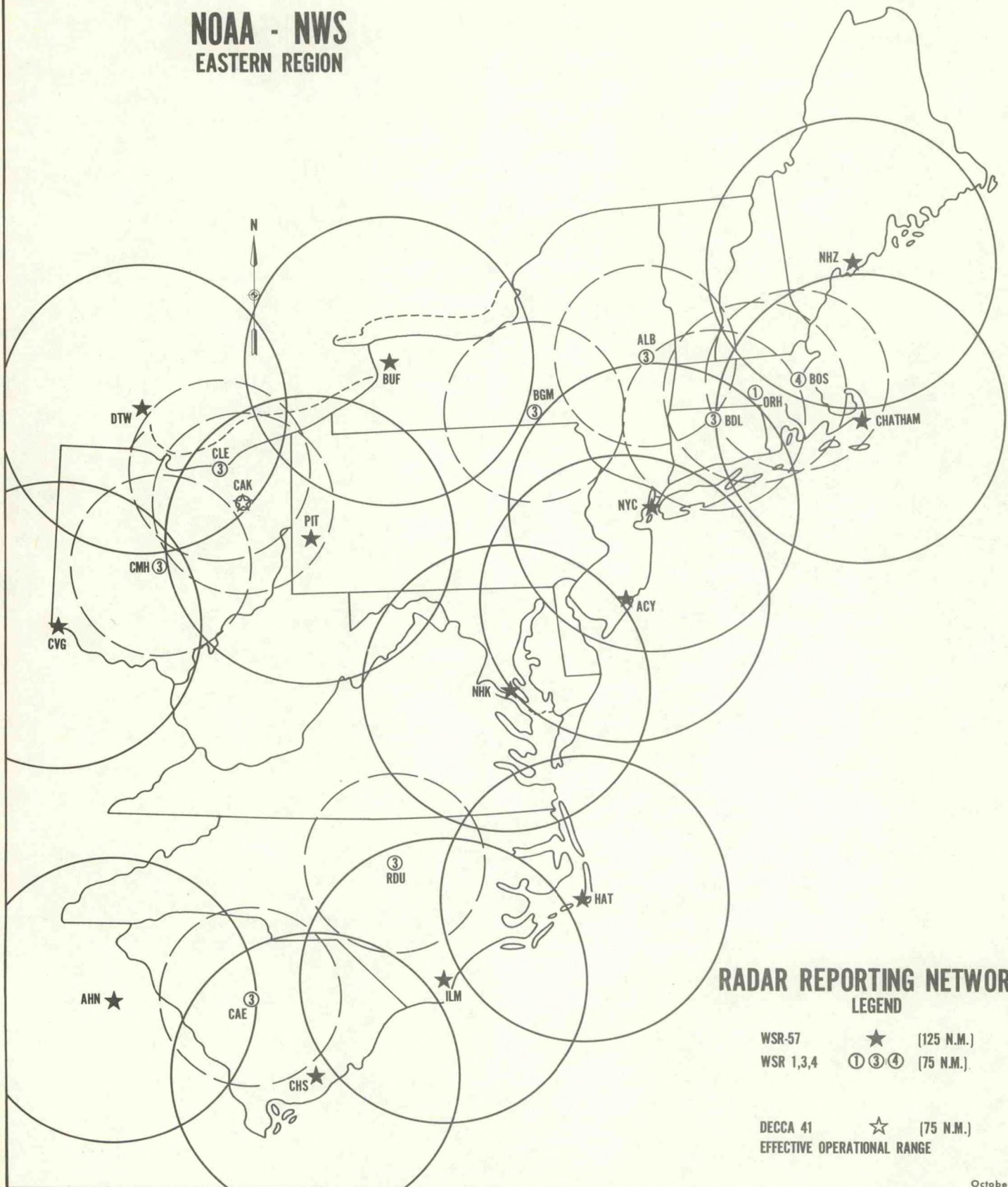


UPPER AIR NETWORK

LEGEND

- RAWINSONDE STATION
 - ▲ TIME-SHARED COMPUTER STATION
 - ⊙ HIGH ALTITUDE RAWINSONDE STATION
 - LOW LEVEL SOUNDING STATION
 - PIBAL STATION
 - * (TO BECOME TIME-SHARED COMPUTER STATION, DEC. 1971)
 - BARS INDICATE TIME AND TYPE OF WIND OBSERVATION
- | | |
|---------|---------------|
| — RAWIN | 00Z |
| — PIBAL | 18Z — ● — 06Z |
| ⋈ RABAL | 12Z |

NOAA - NWS EASTERN REGION



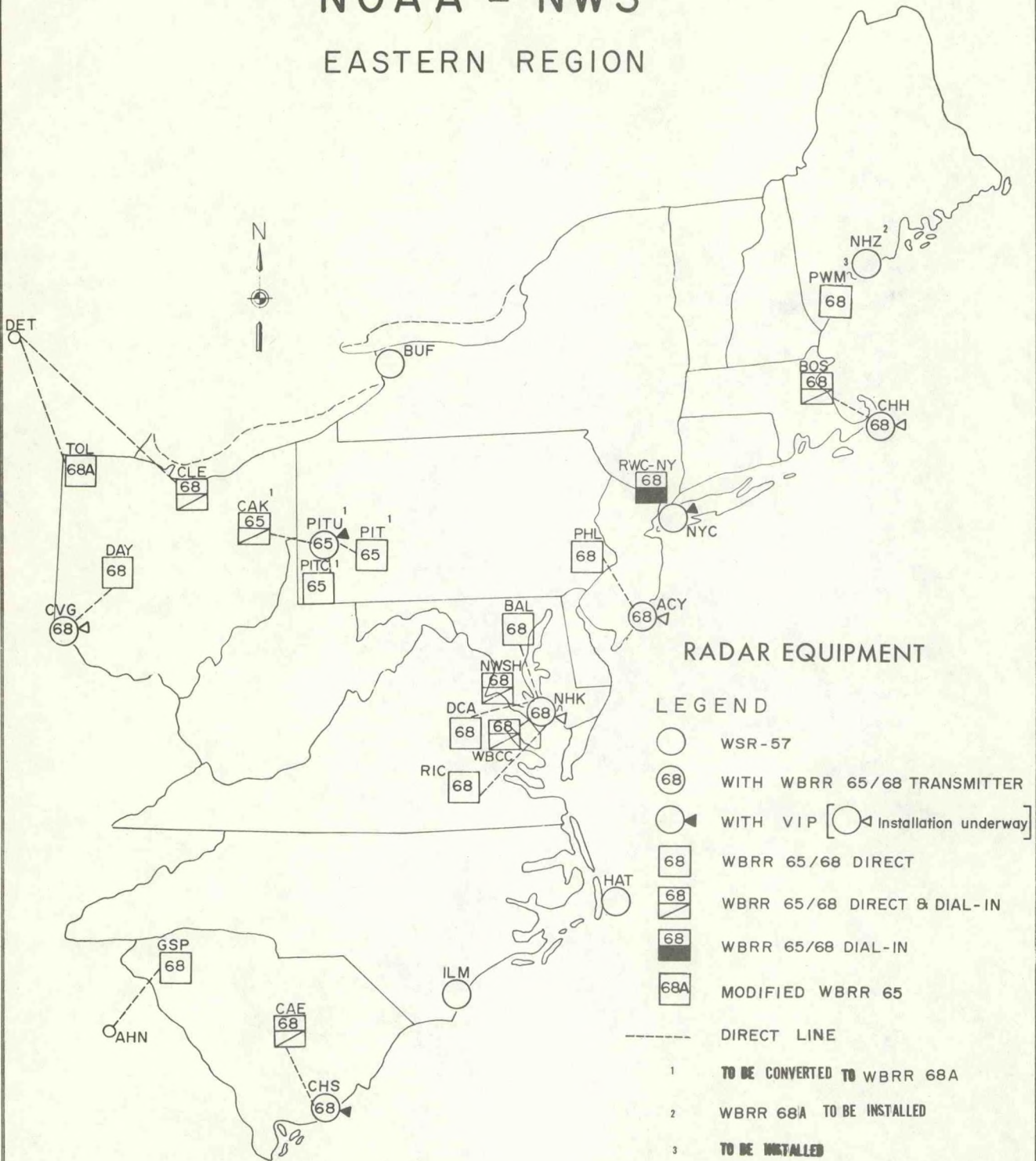
RADAR REPORTING NETWORKS LEGEND

- ★ (125 N.M.)
 - ① ③ ④ (75 N.M.)
 - ★ (75 N.M.)
- WSR-57
WSR 1,3,4
DECCA 41
EFFECTIVE OPERATIONAL RANGE

NOAA - NWS

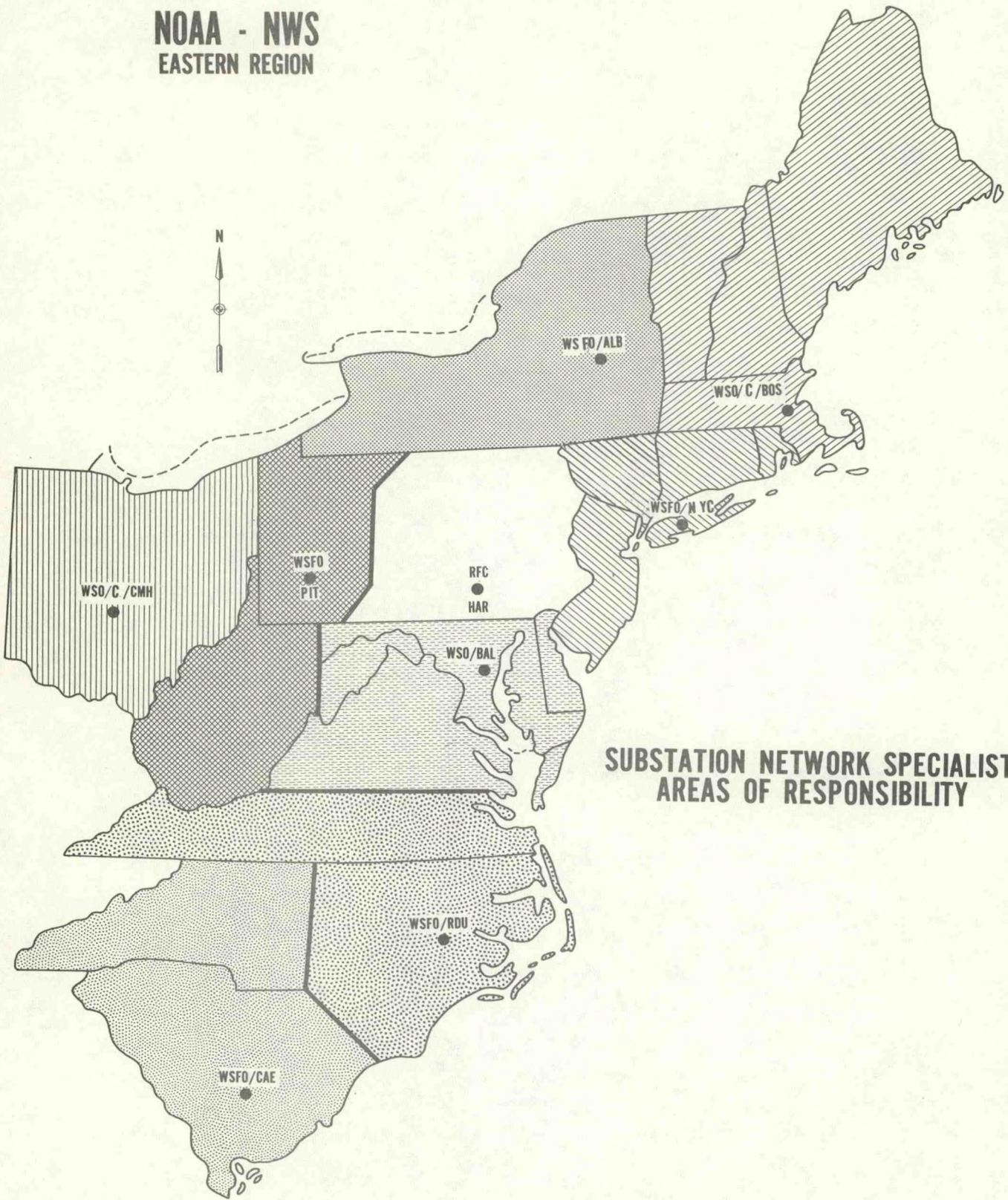
EASTERN REGION

3A



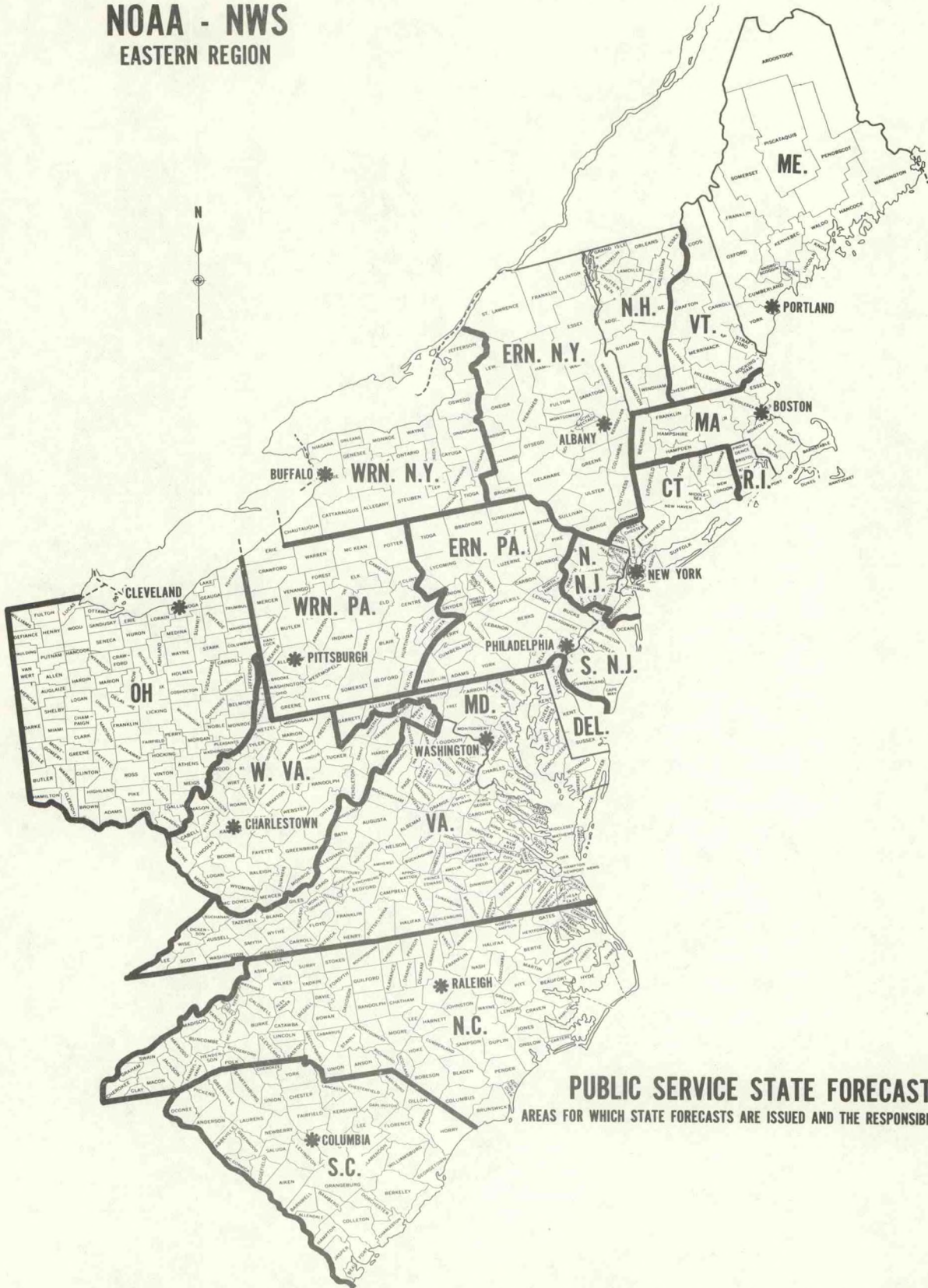
OCTOBER 1971

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EASTERN REGION**



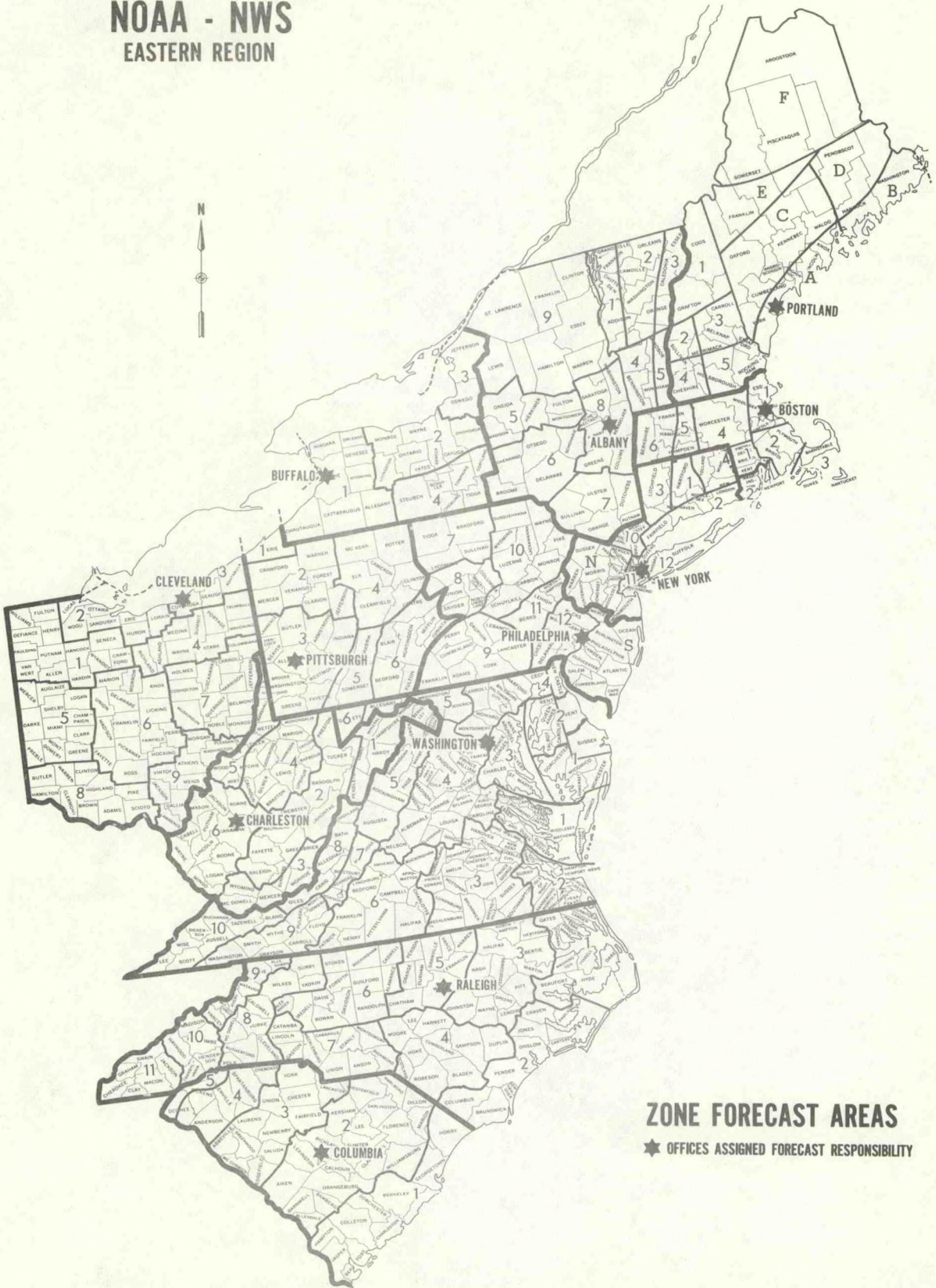
**SUBSTATION NETWORK SPECIALISTS
AREAS OF RESPONSIBILITY**

NOAA - NWS EASTERN REGION



PUBLIC SERVICE STATE FORECASTS
AREAS FOR WHICH STATE FORECASTS ARE ISSUED AND THE RESPONSIBLE WSFO

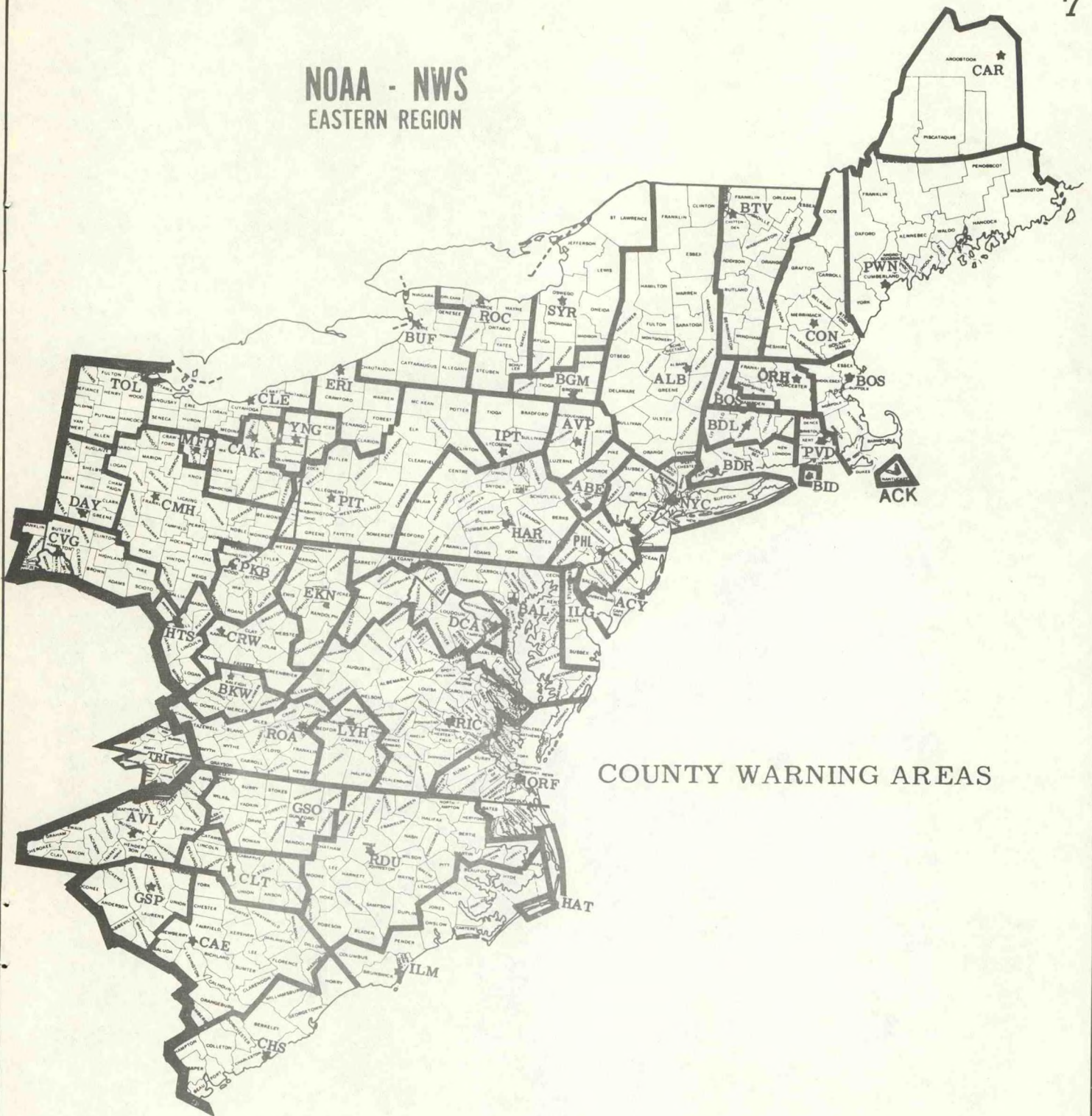
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ZONE FORECAST AREAS

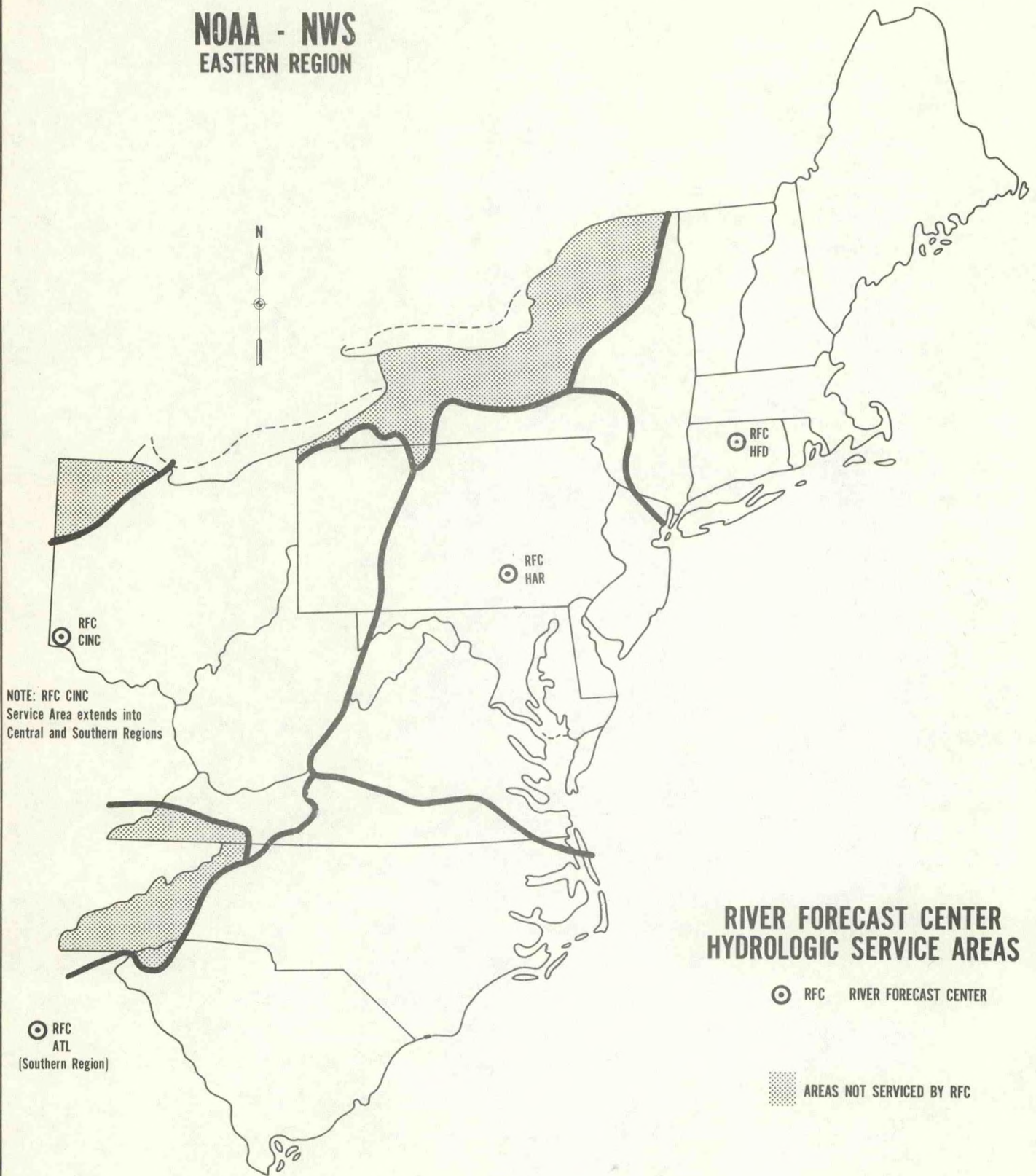
★ OFFICES ASSIGNED FORECAST RESPONSIBILITY

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COUNTY WARNING AREAS

NOAA - NWS EASTERN REGION



NOTE: RFC CINC
Service Area extends into
Central and Southern Regions

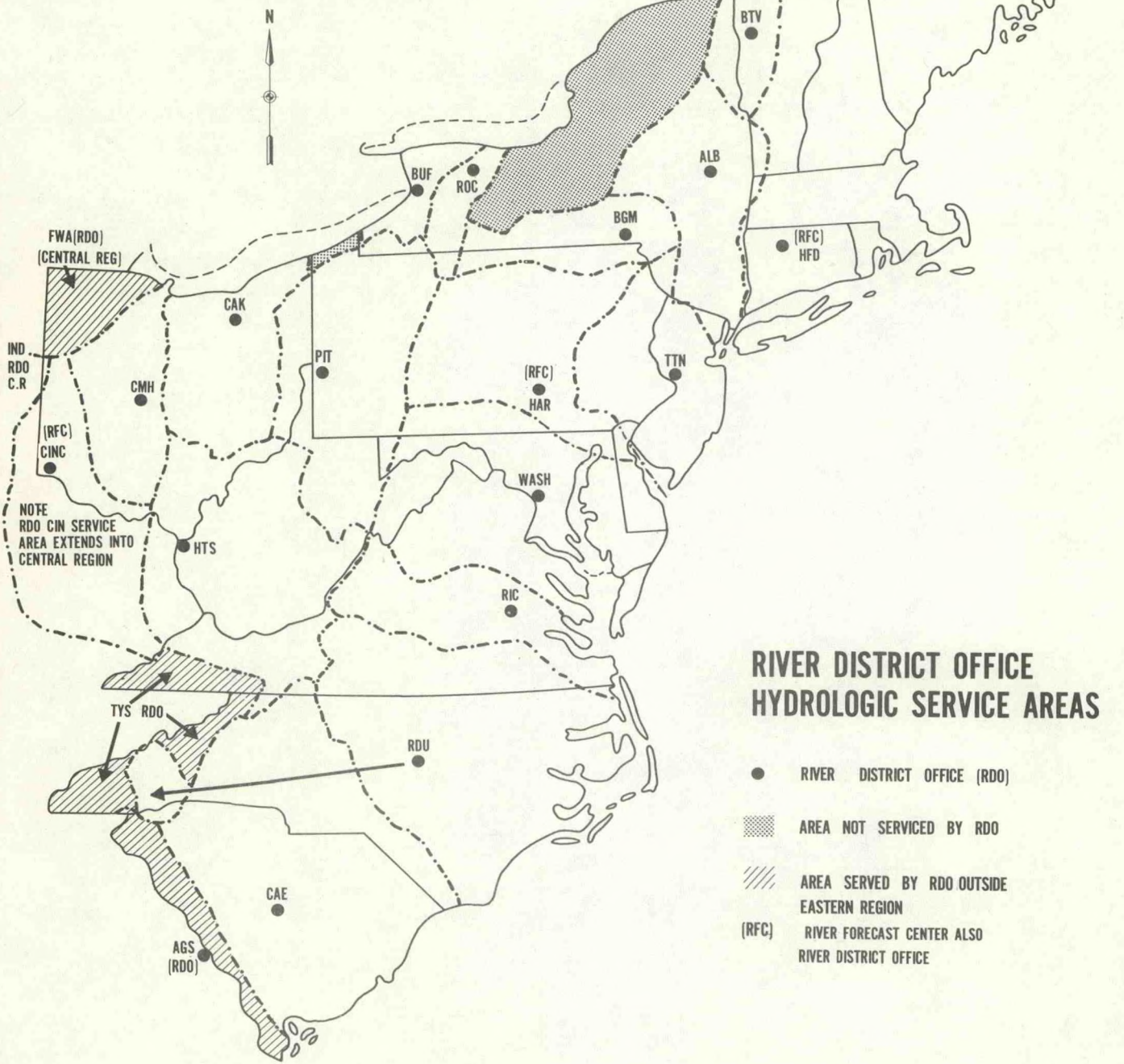
RIVER FORECAST CENTER HYDROLOGIC SERVICE AREAS

⊙ RFC RIVER FORECAST CENTER

▒ AREAS NOT SERVICED BY RFC

⊙ RFC
ATL
(Southern Region)

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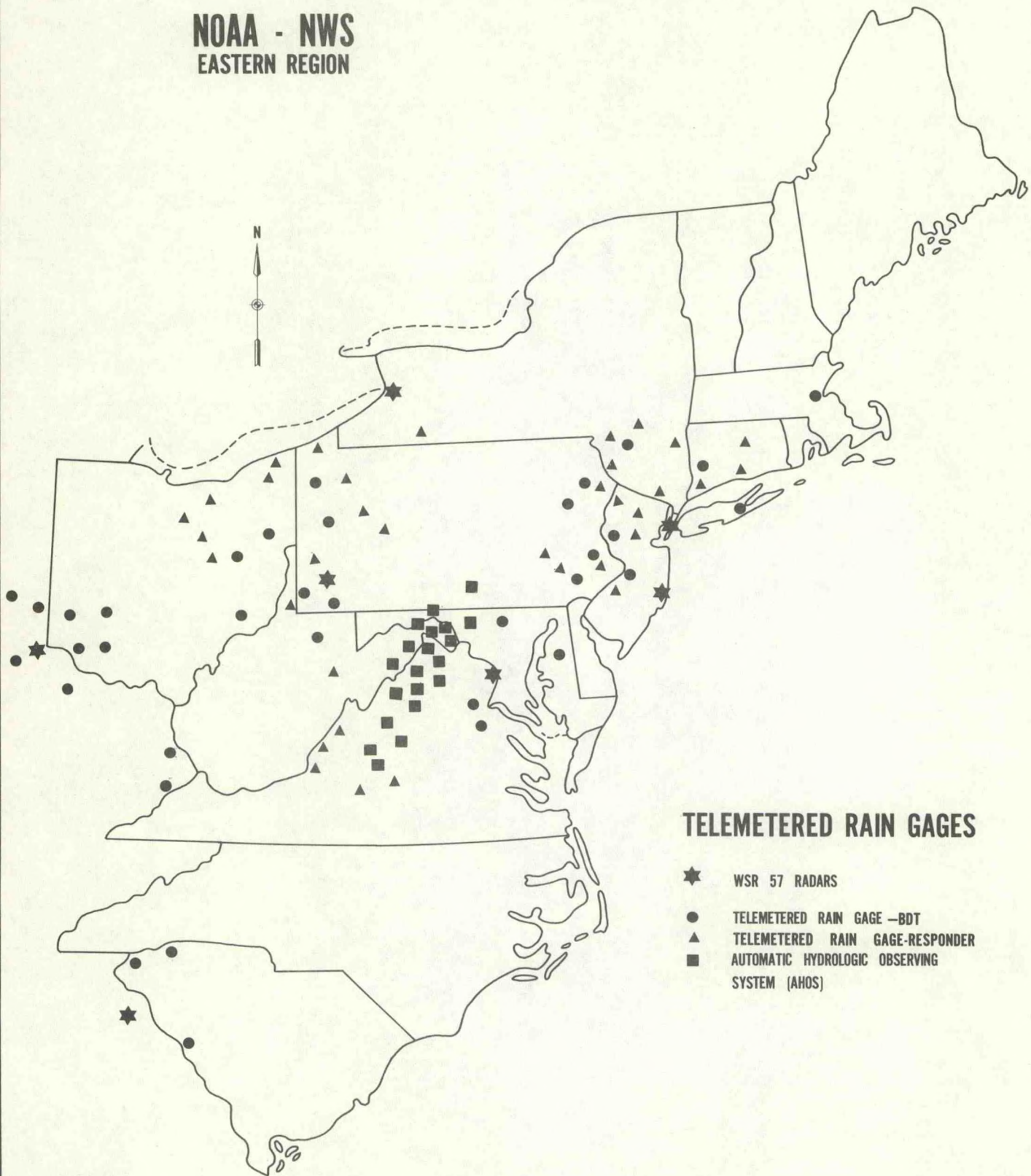
RIVER DISTRICT OFFICE HYDROLOGIC SERVICE AREAS

- RIVER DISTRICT OFFICE (RDO)
- ▨ AREA NOT SERVICED BY RDO
- ▧ AREA SERVED BY RDO OUTSIDE EASTERN REGION
- (RFC) RIVER FORECAST CENTER ALSO RIVER DISTRICT OFFICE

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EASTERN REGION**

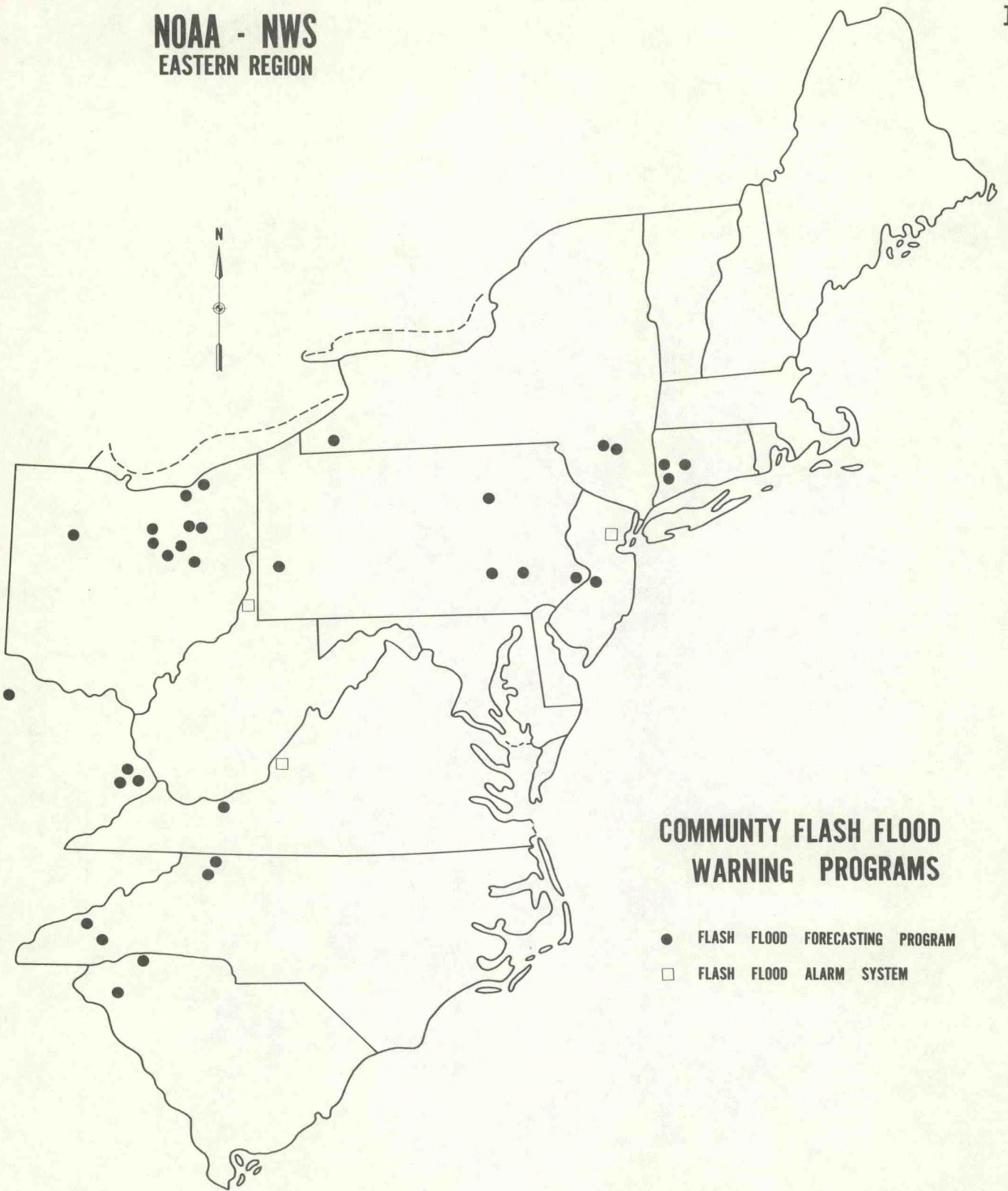


**COUNTY AREAS OF RESPONSIBILITY
FOR FLASH FLOOD WATCHES**



TELEMETERED RAIN GAGES

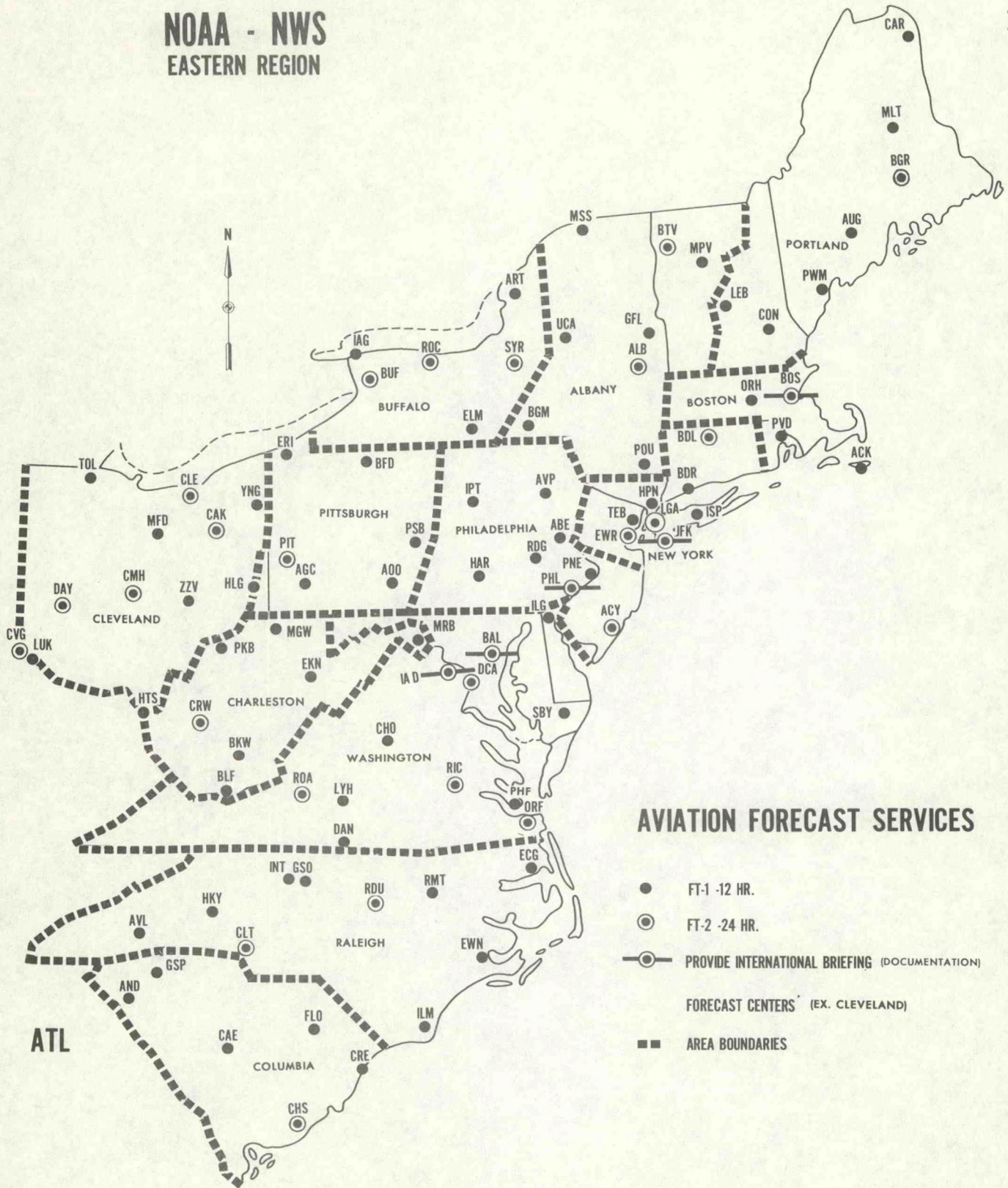
- ★ WSR 57 RADARS
- TELEMETERED RAIN GAGE -BDT
- ▲ TELEMETERED RAIN GAGE-RESPONDER
- AUTOMATIC HYDROLOGIC OBSERVING SYSTEM (AHOS)



**COMMUNITY FLASH FLOOD
WARNING PROGRAMS**

- FLASH FLOOD FORECASTING PROGRAM
- FLASH FLOOD ALARM SYSTEM

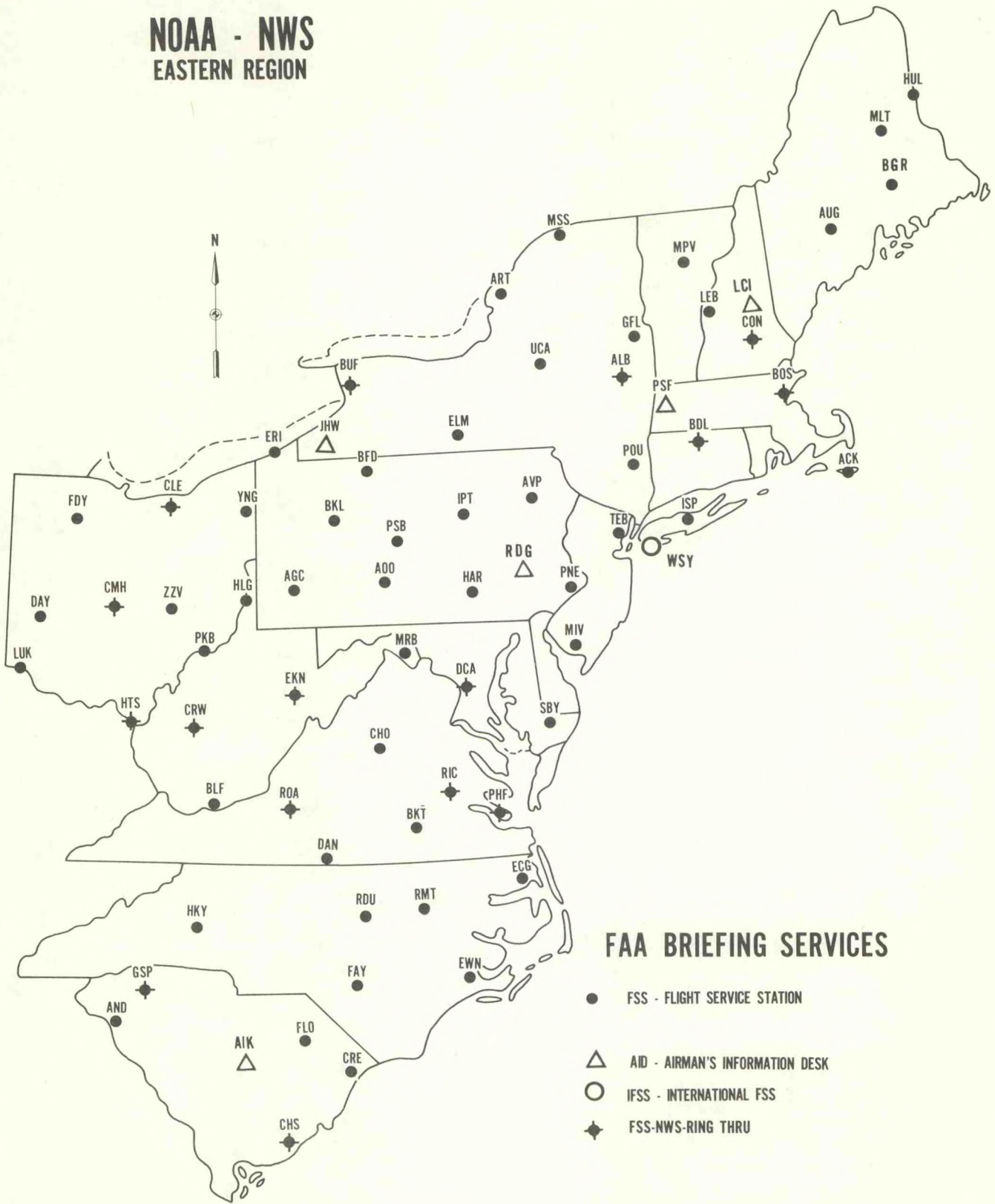
NOAA - NWS EASTERN REGION



AVIATION FORECAST SERVICES

- FT-1 -12 HR.
- ⊙ FT-2 -24 HR.
- ⊖ PROVIDE INTERNATIONAL BRIEFING (DOCUMENTATION)
- FORECAST CENTERS* (EX. CLEVELAND)
- AREA BOUNDARIES

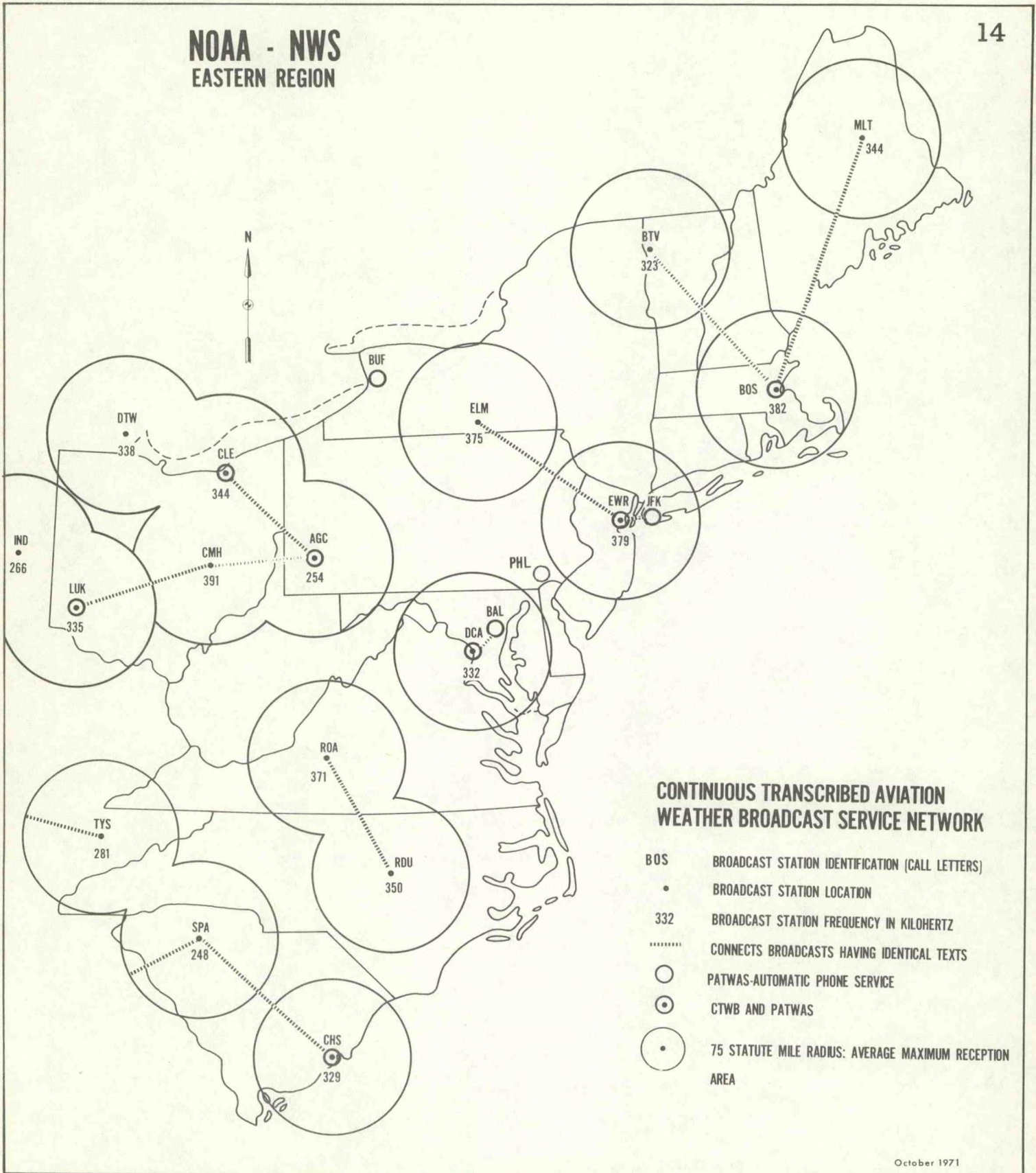
NOAA - NWS EASTERN REGION



FAA BRIEFING SERVICES

- FSS - FLIGHT SERVICE STATION
- △ AID - AIRMAN'S INFORMATION DESK
- IFSS - INTERNATIONAL FSS
- ◆ FSS-NWS-RING THRU

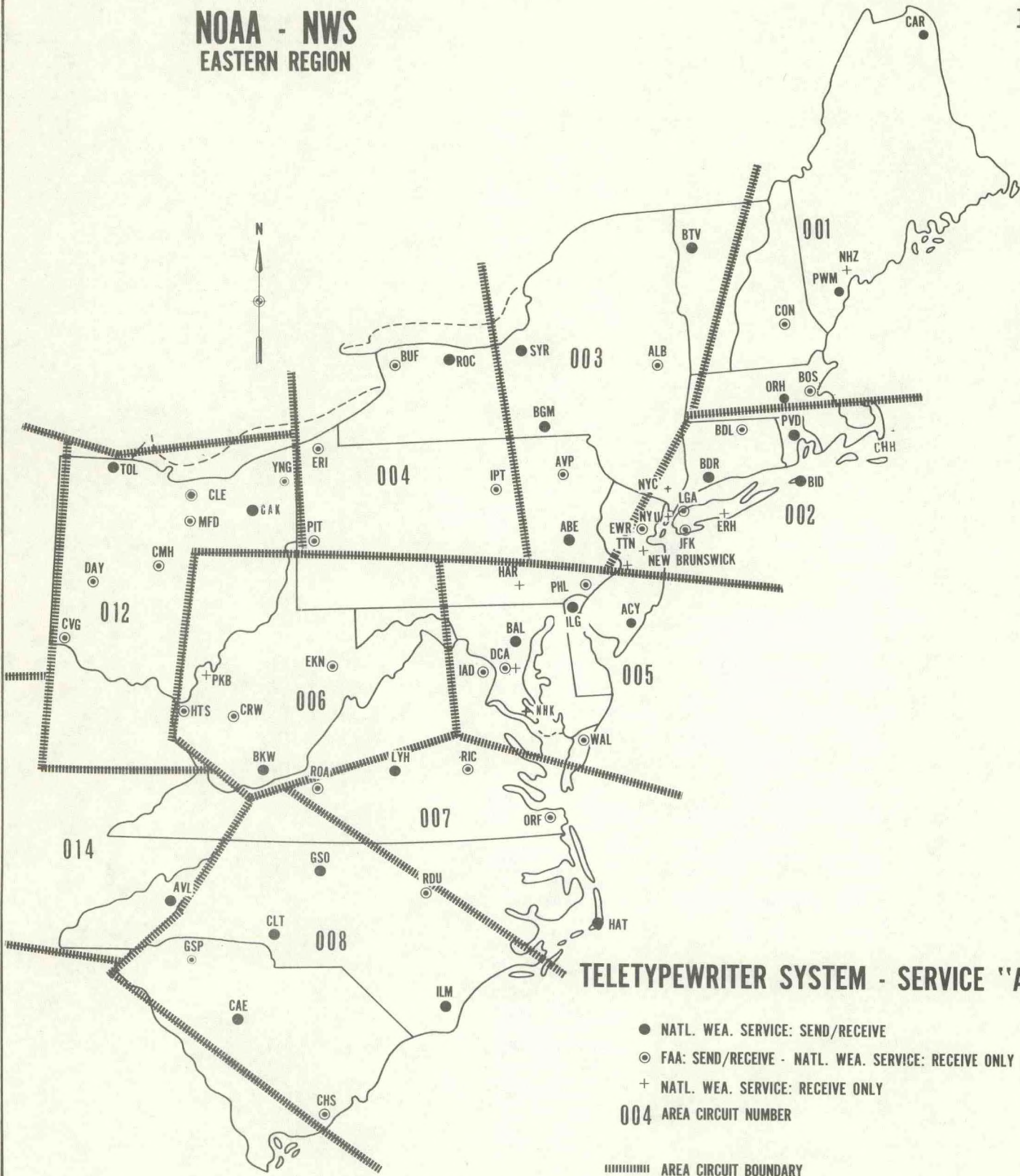
NOAA - NWS EASTERN REGION



CONTINUOUS TRANSCRIBED AVIATION WEATHER BROADCAST SERVICE NETWORK

- BOS BROADCAST STATION IDENTIFICATION (CALL LETTERS)
- BROADCAST STATION LOCATION
- 332 BROADCAST STATION FREQUENCY IN KILOHERTZ
- CONNECTS BROADCASTS HAVING IDENTICAL TEXTS
- PATWAS-AUTOMATIC PHONE SERVICE
- ⊙ CTWB AND PATWAS
- (with dot) 75 STATUTE MILE RADIUS: AVERAGE MAXIMUM RECEPTION AREA

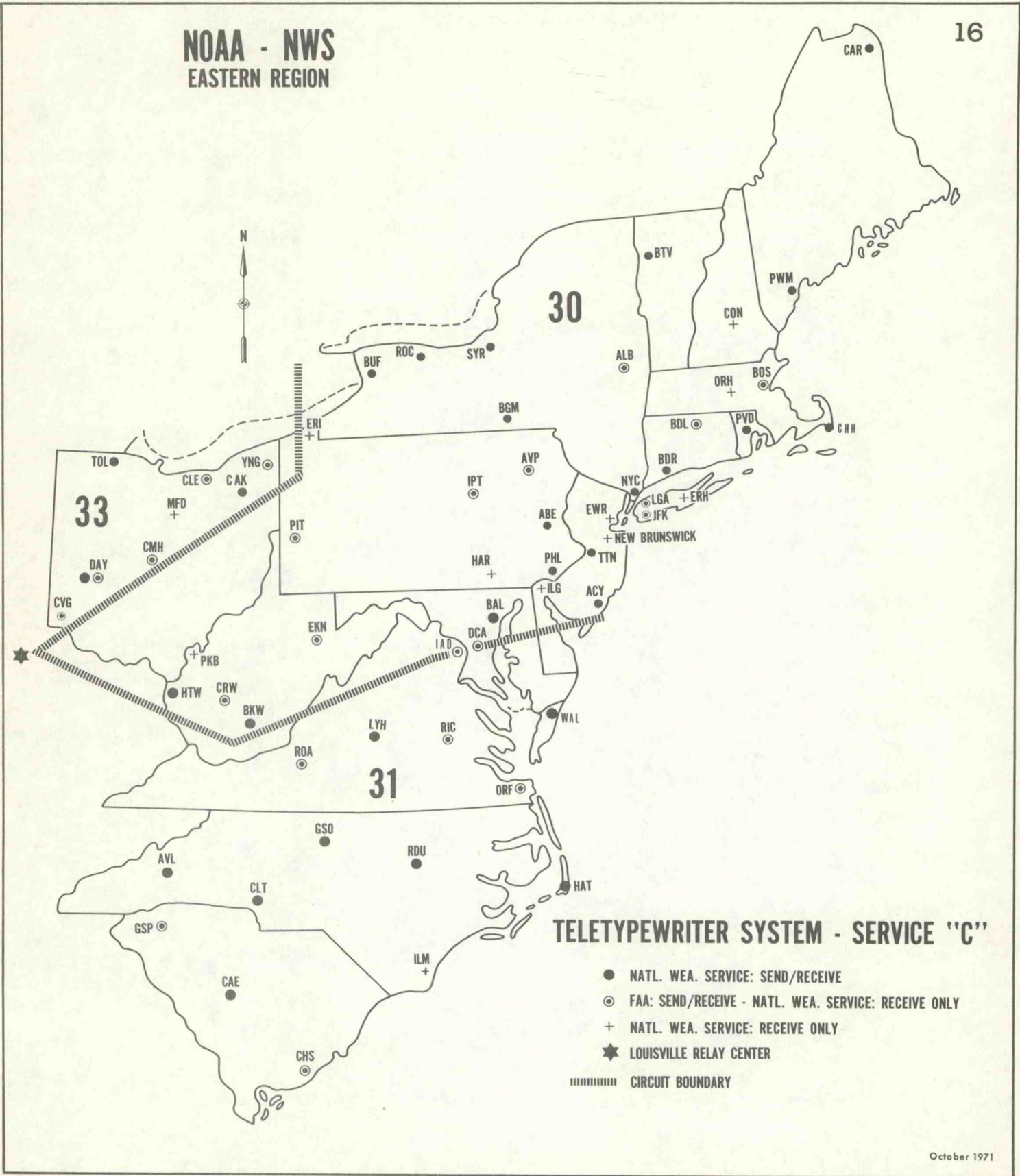
NOAA - NWS EASTERN REGION



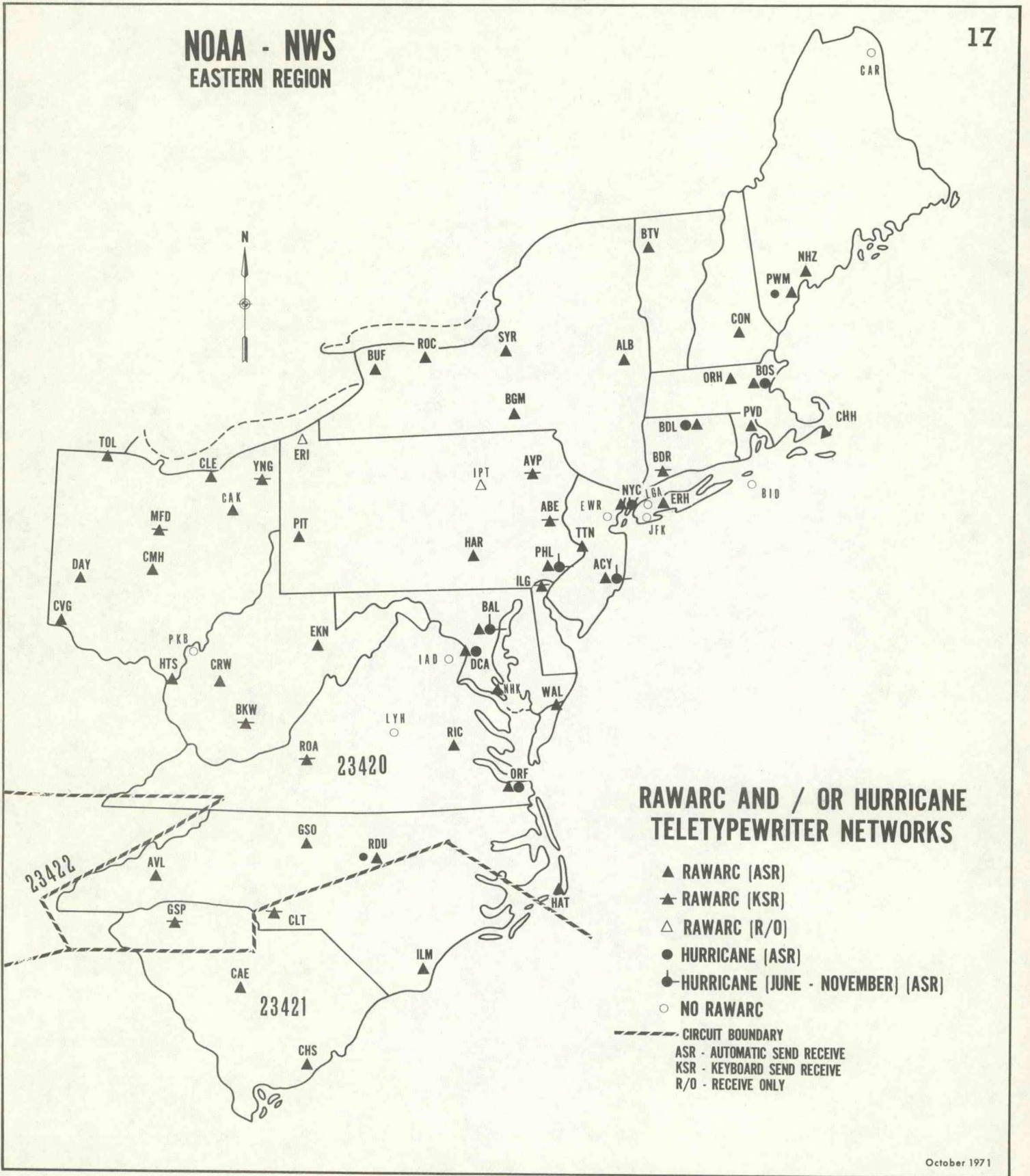
TELETYPEWRITER SYSTEM - SERVICE "A"

- NATL. WEA. SERVICE: SEND/RECEIVE
- ⊙ FAA: SEND/RECEIVE - NATL. WEA. SERVICE: RECEIVE ONLY
- + NATL. WEA. SERVICE: RECEIVE ONLY
- 004 AREA CIRCUIT NUMBER
- ▤▤▤▤▤ AREA CIRCUIT BOUNDARY

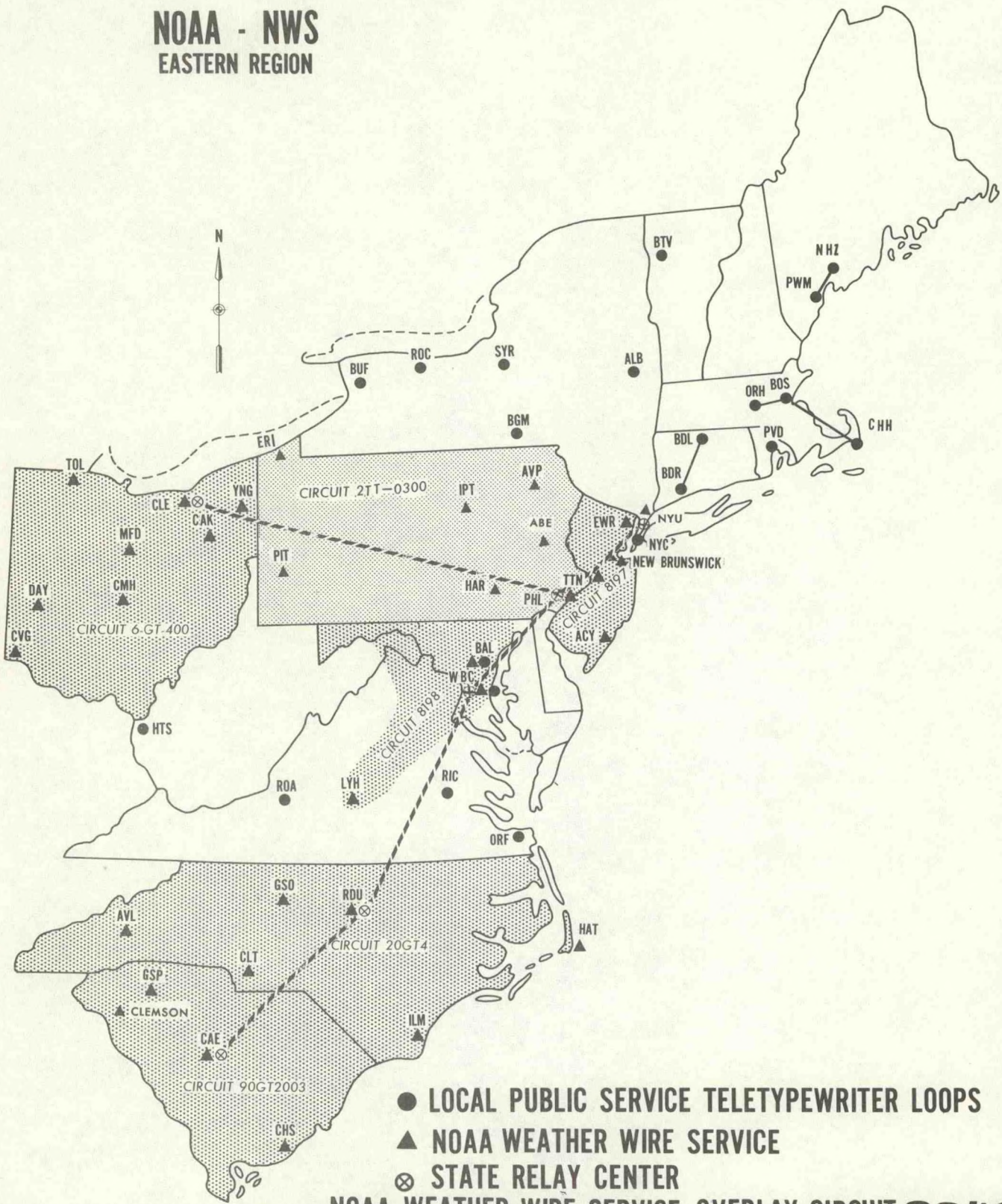
**NOAA - NWS
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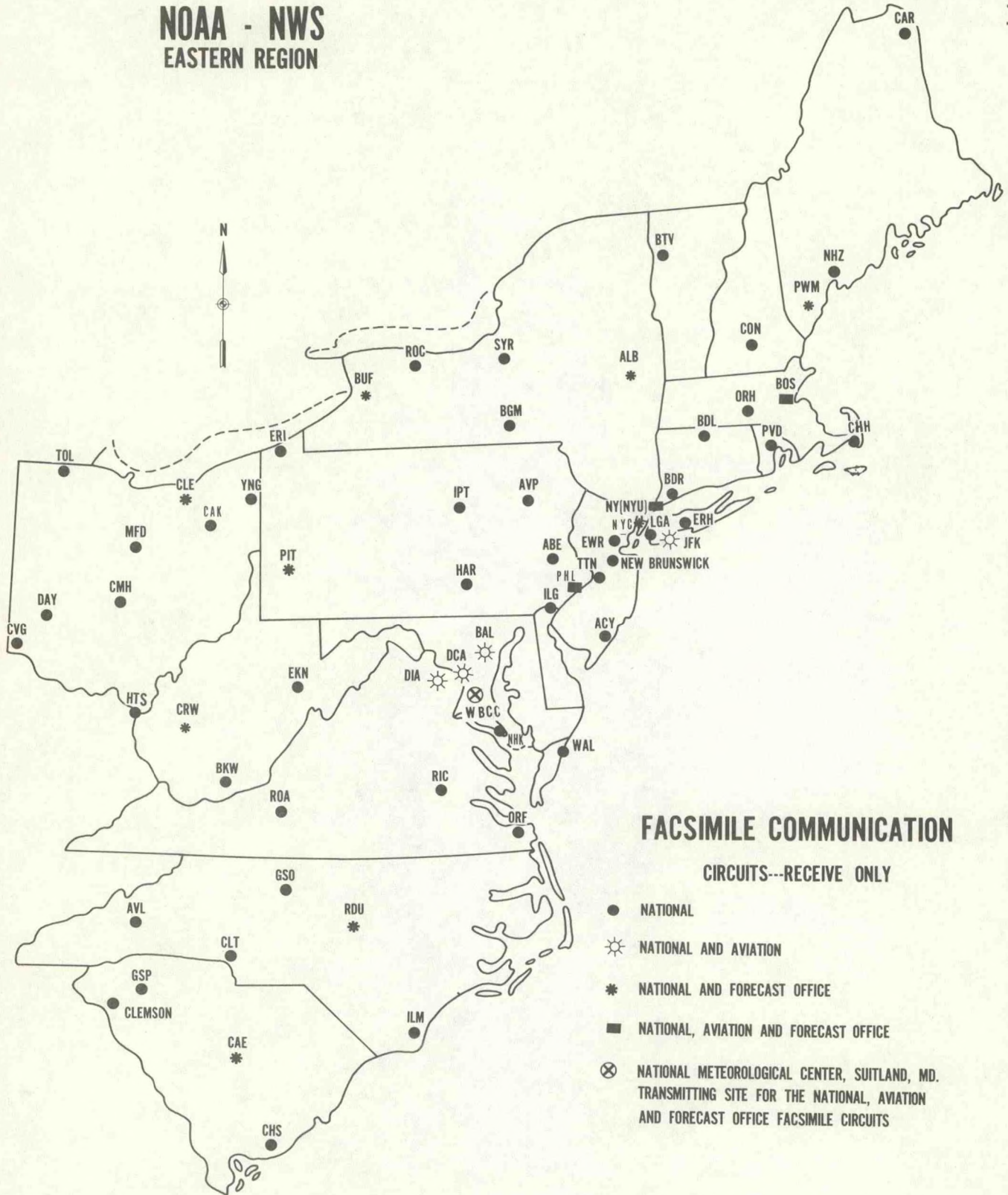
**NOAA - NWS
EASTERN REGION**



- LOCAL PUBLIC SERVICE TELETYPEWRITER LOOPS
- ▲ NOAA WEATHER WIRE SERVICE
- ⊗ STATE RELAY CENTER

----- NOAA WEATHER WIRE SERVICE OVERLAY CIRCUIT 23490
 [Shaded Area] AREA COVERED

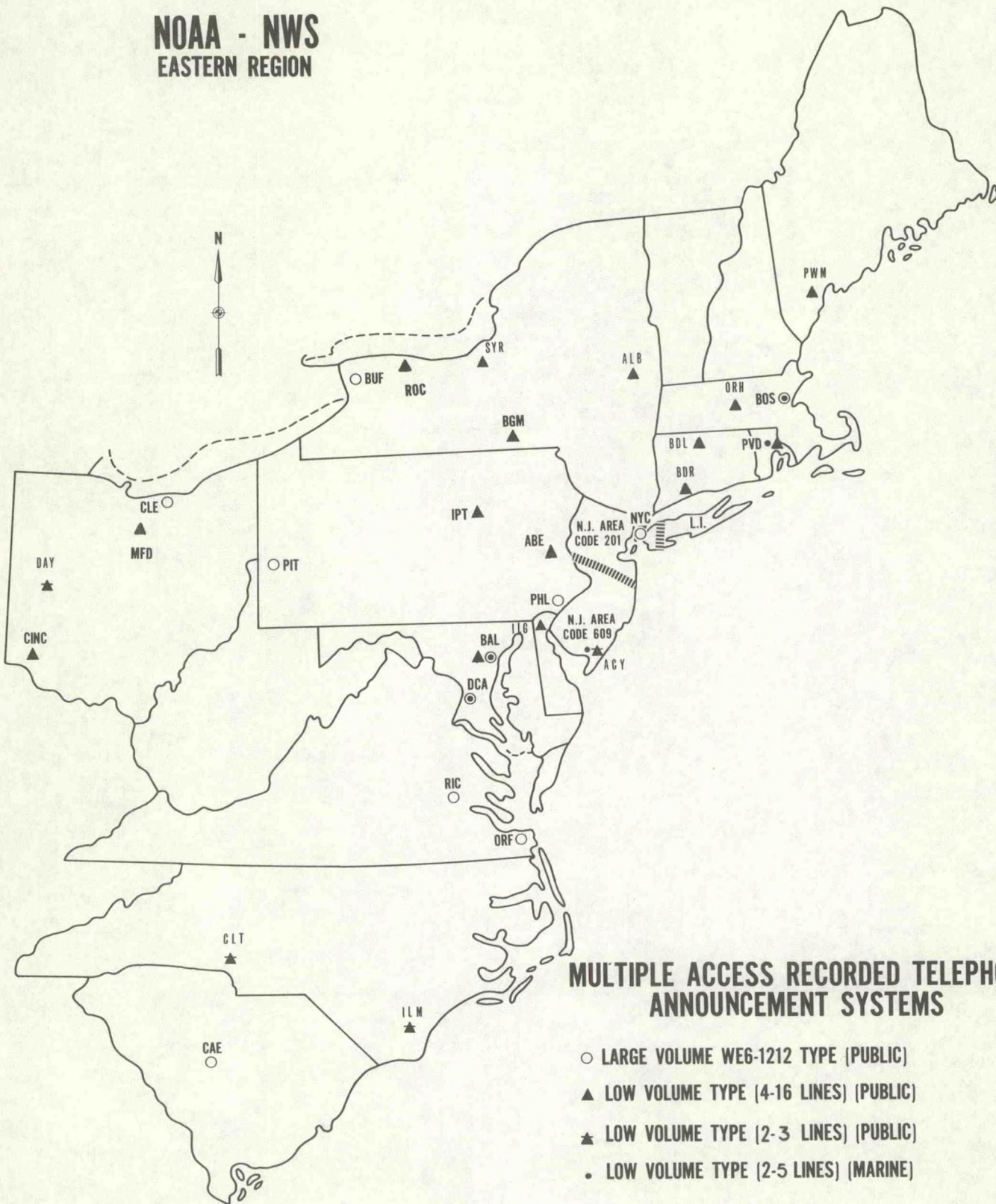
**NOAA - NWS
EASTERN REGION**



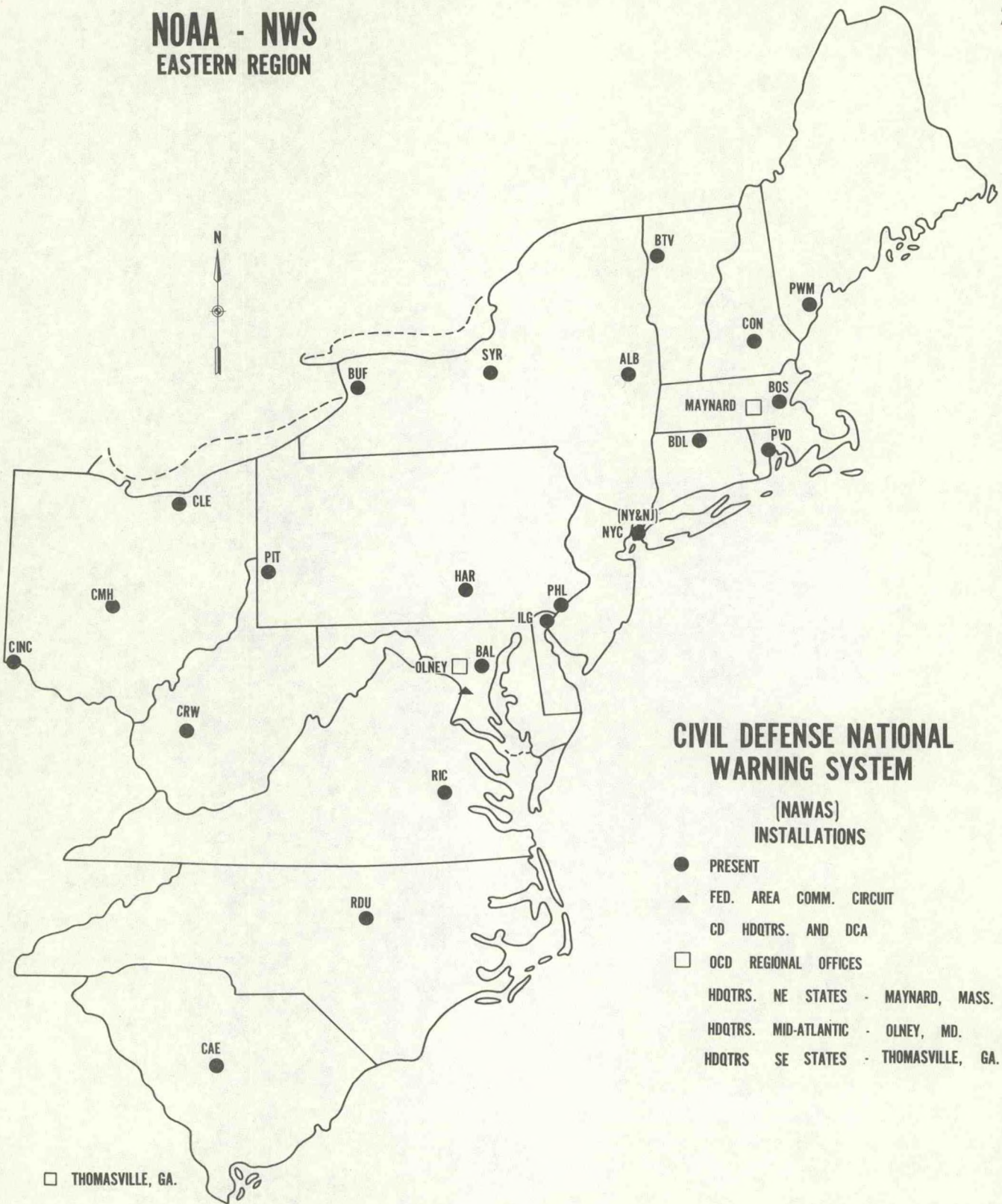
FACSIMILE COMMUNICATION

CIRCUITS--RECEIVE ONLY

- NATIONAL
- ☀ NATIONAL AND AVIATION
- * NATIONAL AND FORECAST OFFICE
- NATIONAL, AVIATION AND FORECAST OFFICE
- ⊗ NATIONAL METEOROLOGICAL CENTER, SUITLAND, MD.
TRANSMITTING SITE FOR THE NATIONAL, AVIATION
AND FORECAST OFFICE FACSIMILE CIRCUITS



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EASTERN REGION**



**CIVIL DEFENSE NATIONAL
WARNING SYSTEM**

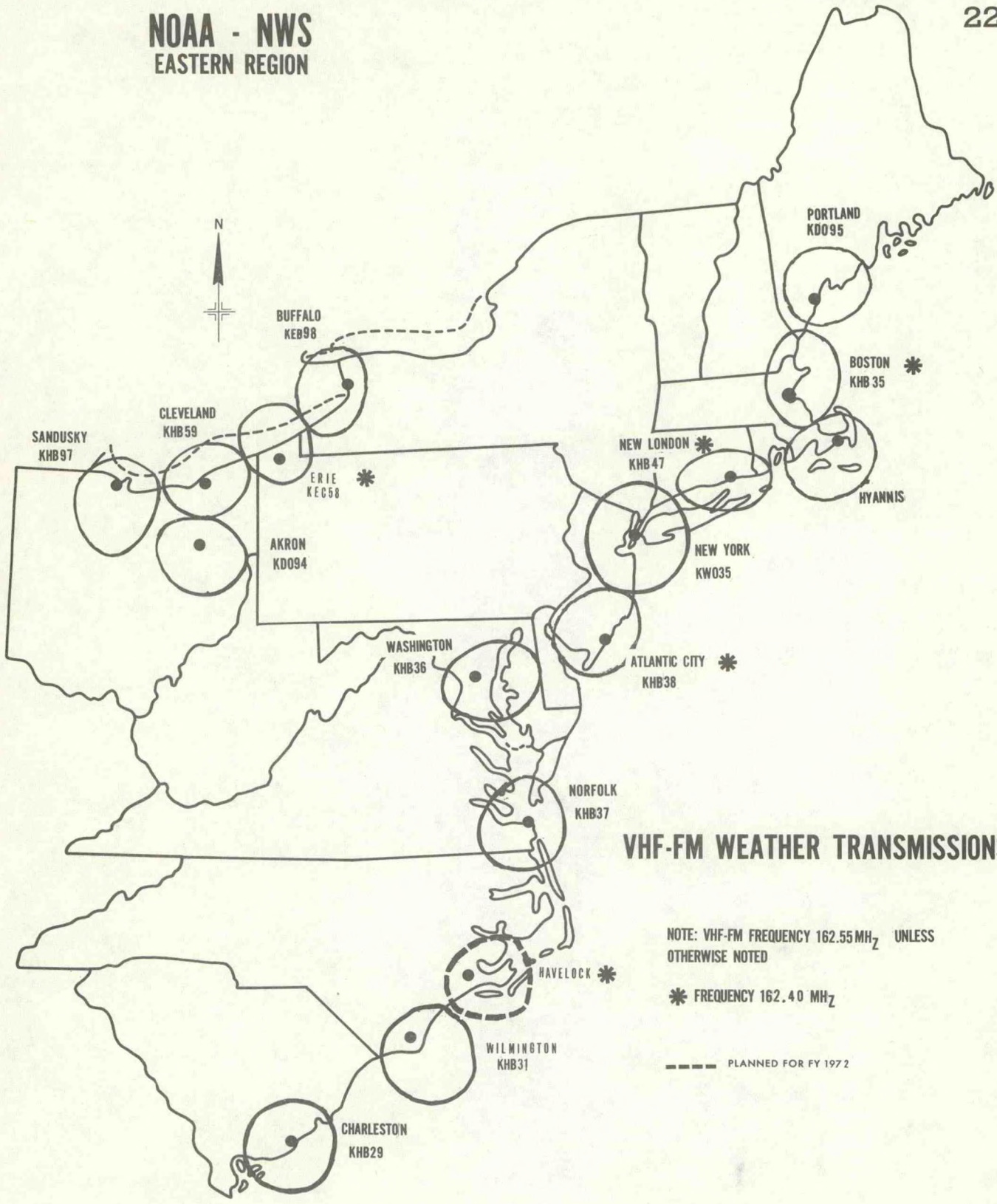
**(NAWAS)
INSTALLATIONS**

- PRESENT
- ▲ FED. AREA COMM. CIRCUIT
- CD HDQTRS. AND DCA
- OCD REGIONAL OFFICES
- HDQTRS. NE STATES - MAYNARD, MASS.
- HDQTRS. MID-ATLANTIC - OLNEY, MD.
- HDQTRS SE STATES - THOMASVILLE, GA.

□ THOMASVILLE, GA.

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EASTERN REGION**

22



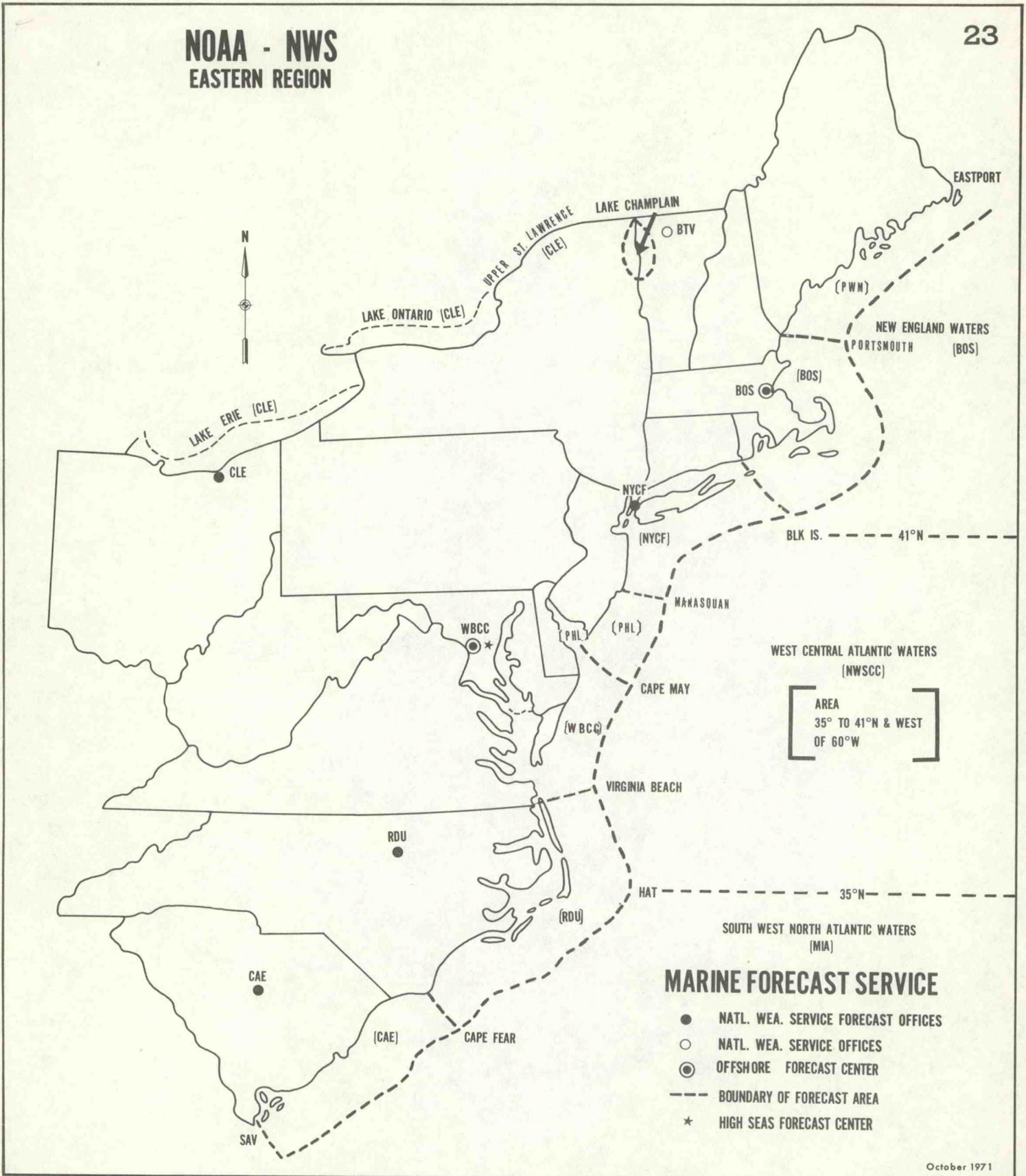
VHF-FM WEATHER TRANSMISSIONS

NOTE: VHF-FM FREQUENCY 162.55 MHz UNLESS OTHERWISE NOTED

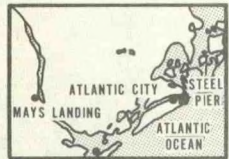
* FREQUENCY 162.40 MHz

----- PLANNED FOR FY 1972

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EASTERN REGION**



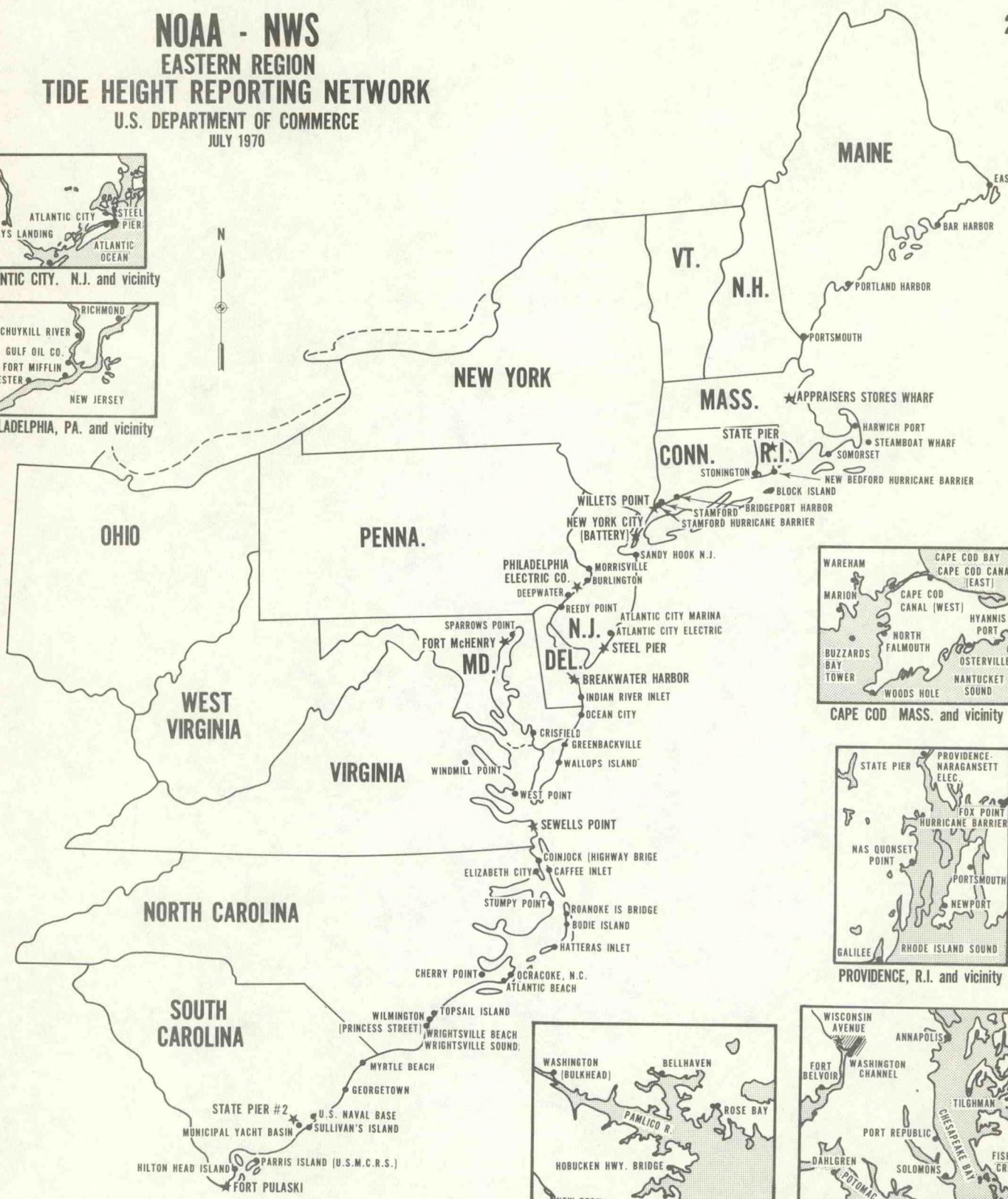
NOAA - NWS EASTERN REGION TIDE HEIGHT REPORTING NETWORK U.S. DEPARTMENT OF COMMERCE JULY 1970



ATLANTIC CITY, N.J. and vicinity



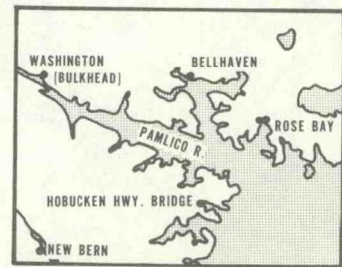
PHILADELPHIA, PA. and vicinity



CAPE COD, MASS. and vicinity



PROVIDENCE, R.I. and vicinity



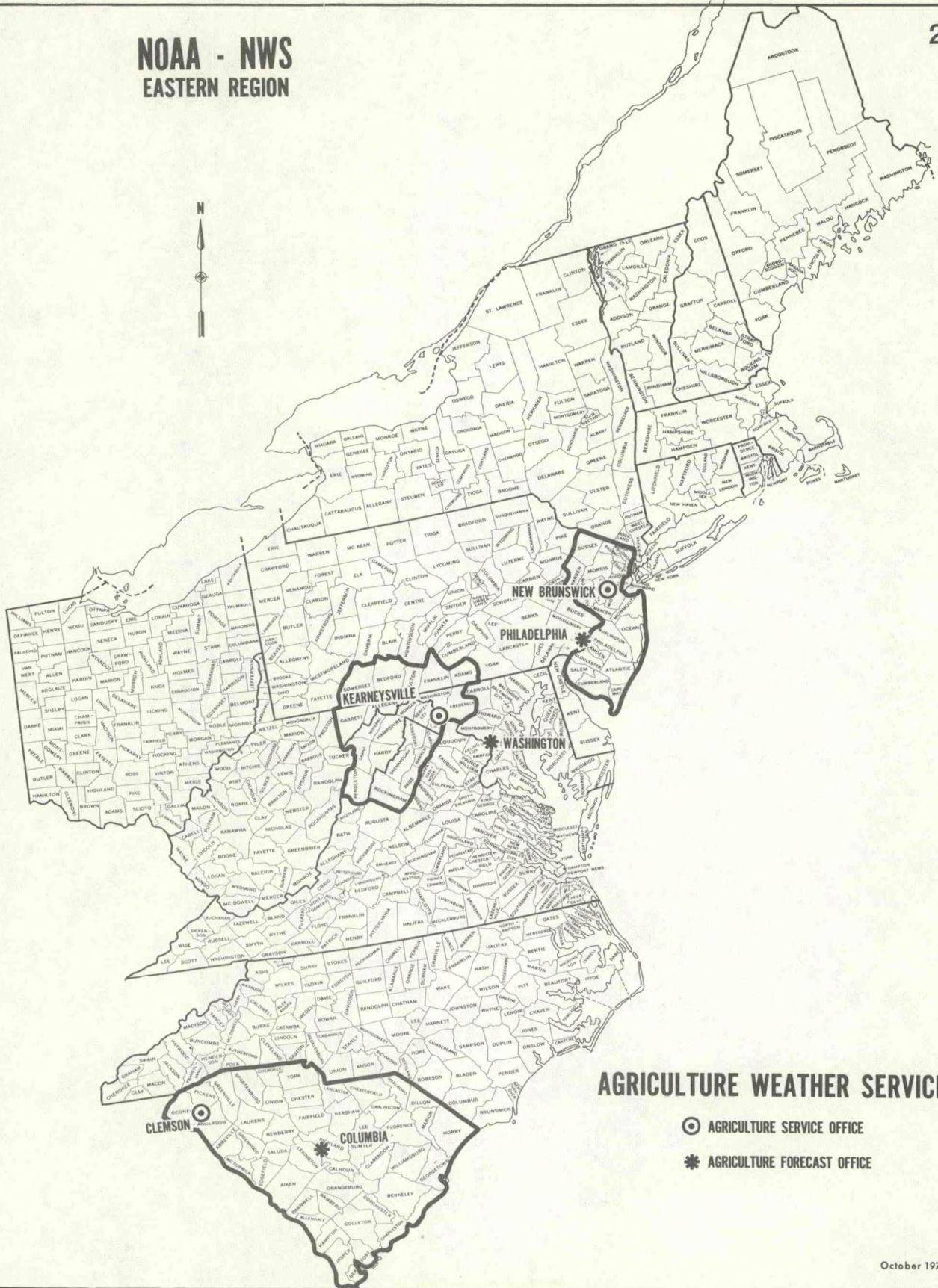
PAMLICO SOUND area



CHESAPEAKE BAY and vicinity

★ TELEMETERED TIDE GAGE REPORT AVAILABLE IN NATIONAL WEATHER SERVICES

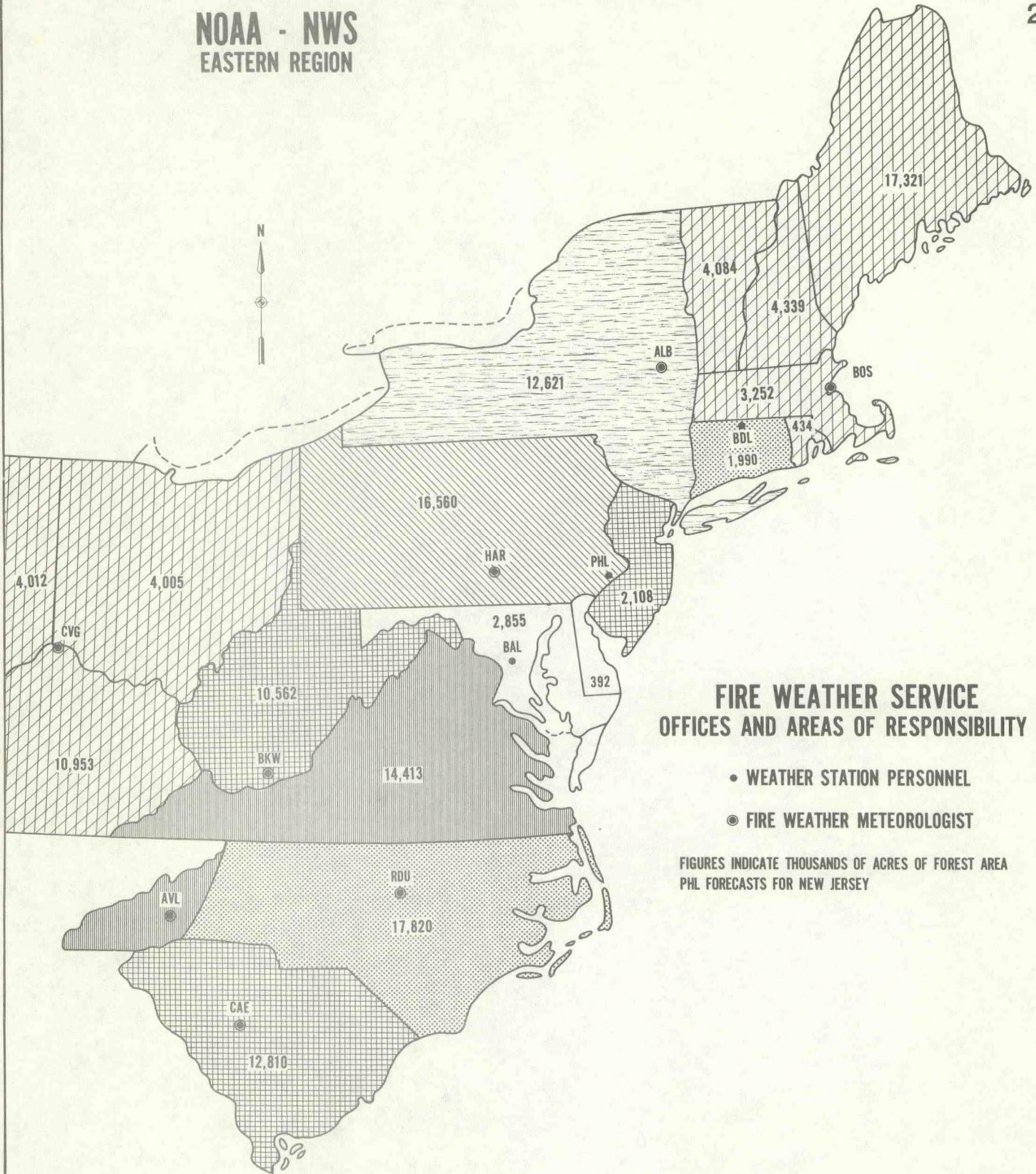
**NOAA - NWS
EASTERN REGION**



AGRICULTURE WEATHER SERVICE

⊙ AGRICULTURE SERVICE OFFICE

★ AGRICULTURE FORECAST OFFICE

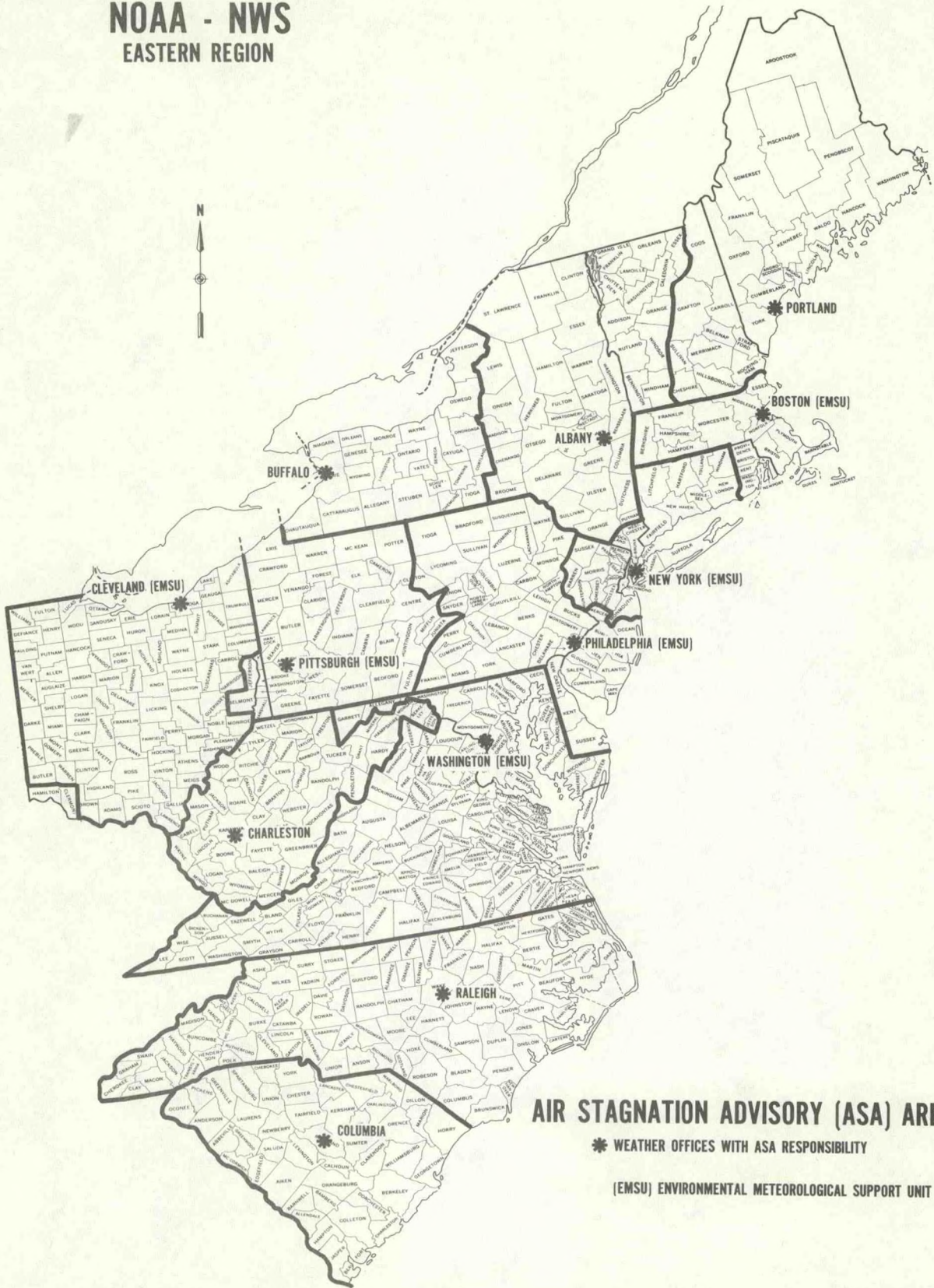


**FIRE WEATHER SERVICE
OFFICES AND AREAS OF RESPONSIBILITY**

- WEATHER STATION PERSONNEL
- FIRE WEATHER METEOROLOGIST

FIGURES INDICATE THOUSANDS OF FOREST AREA
PHL FORECASTS FOR NEW JERSEY

NOAA - NWS EASTERN REGION

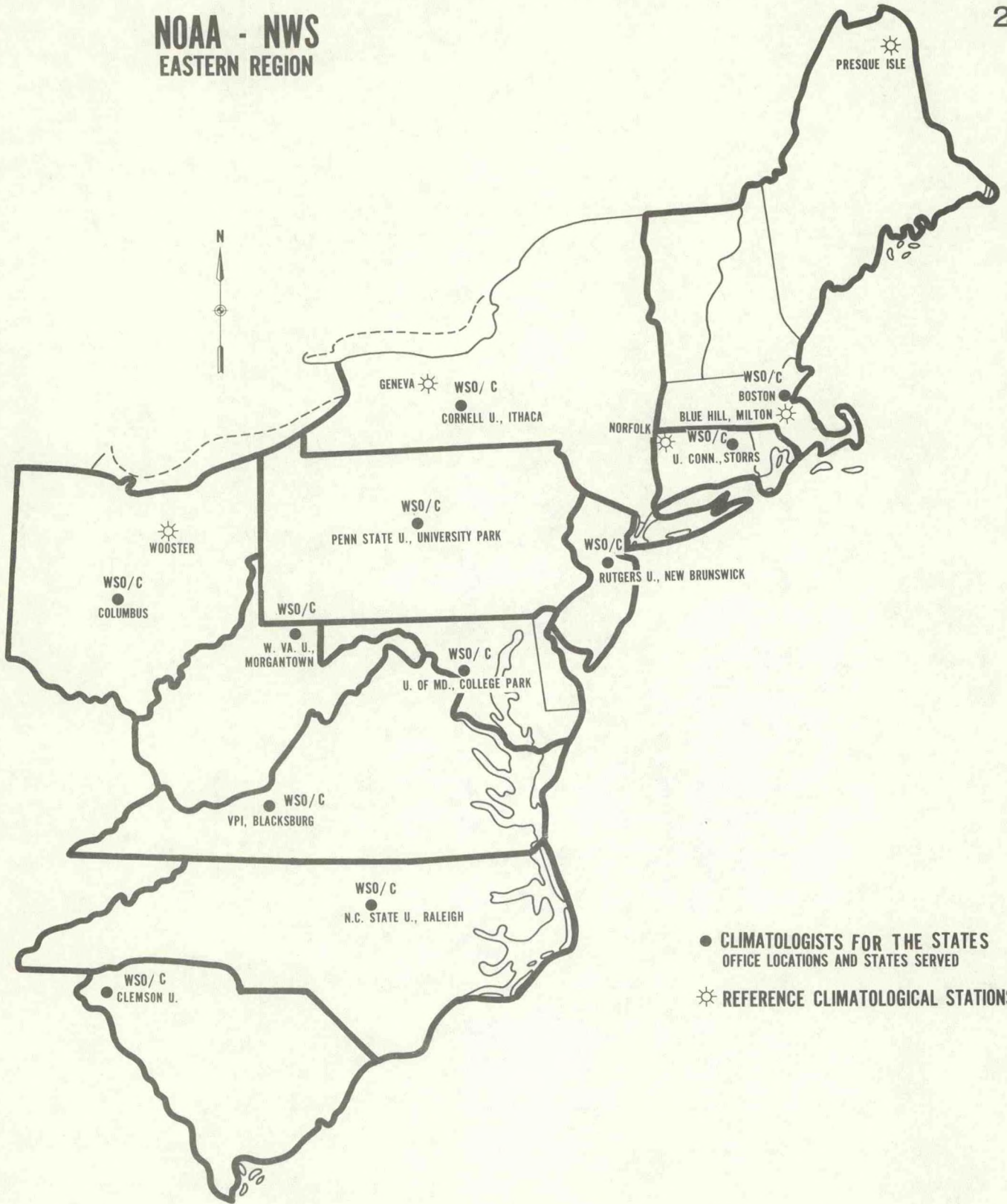


AIR STAGNATION ADVISORY (ASA) AREAS

* WEATHER OFFICES WITH ASA RESPONSIBILITY

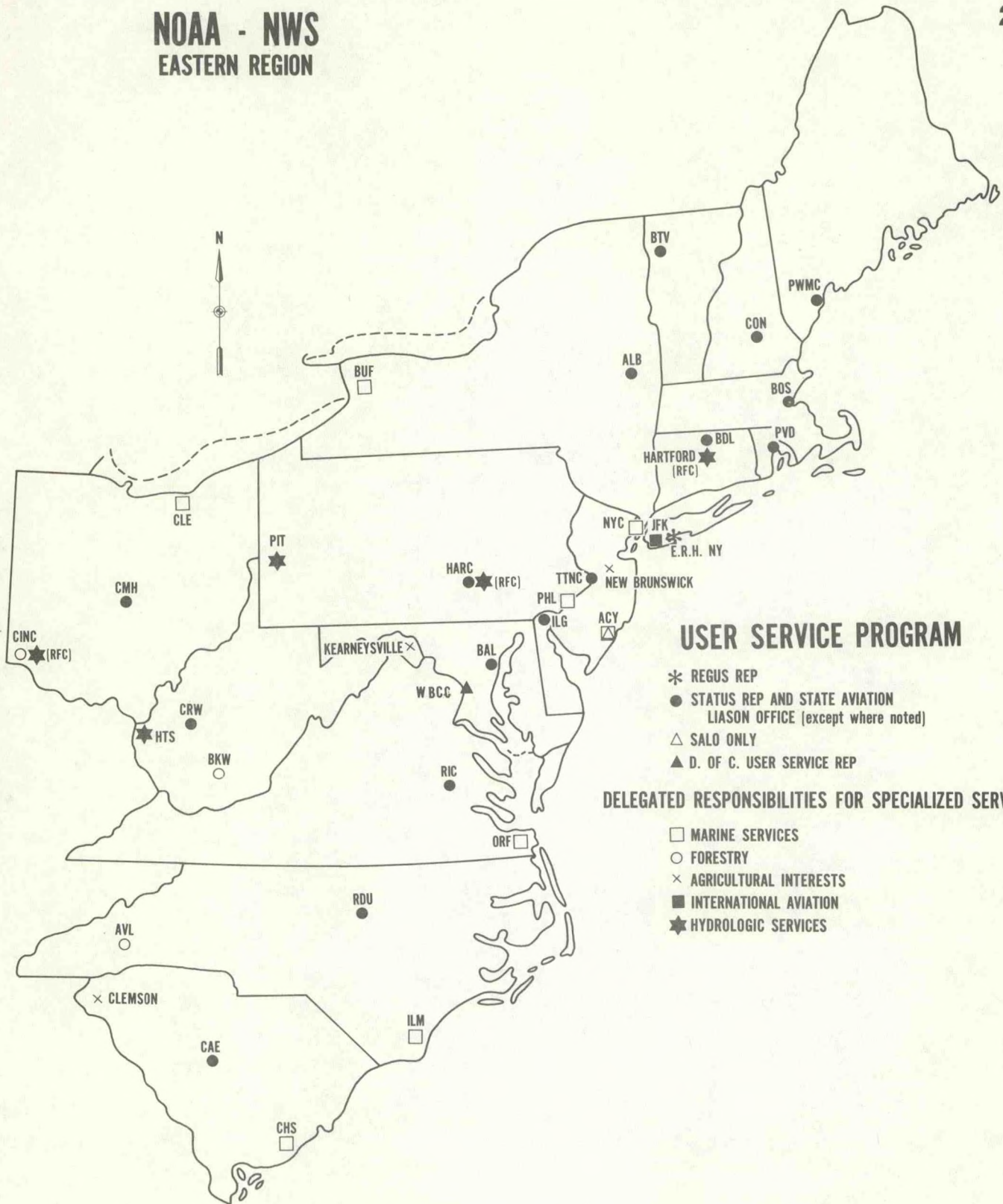
(EMSU) ENVIRONMENTAL METEOROLOGICAL SUPPORT UNIT

NOAA - NWS EASTERN REGION



● CLIMATOLOGISTS FOR THE STATES
OFFICE LOCATIONS AND STATES SERVED

☀ REFERENCE CLIMATOLOGICAL STATIONS



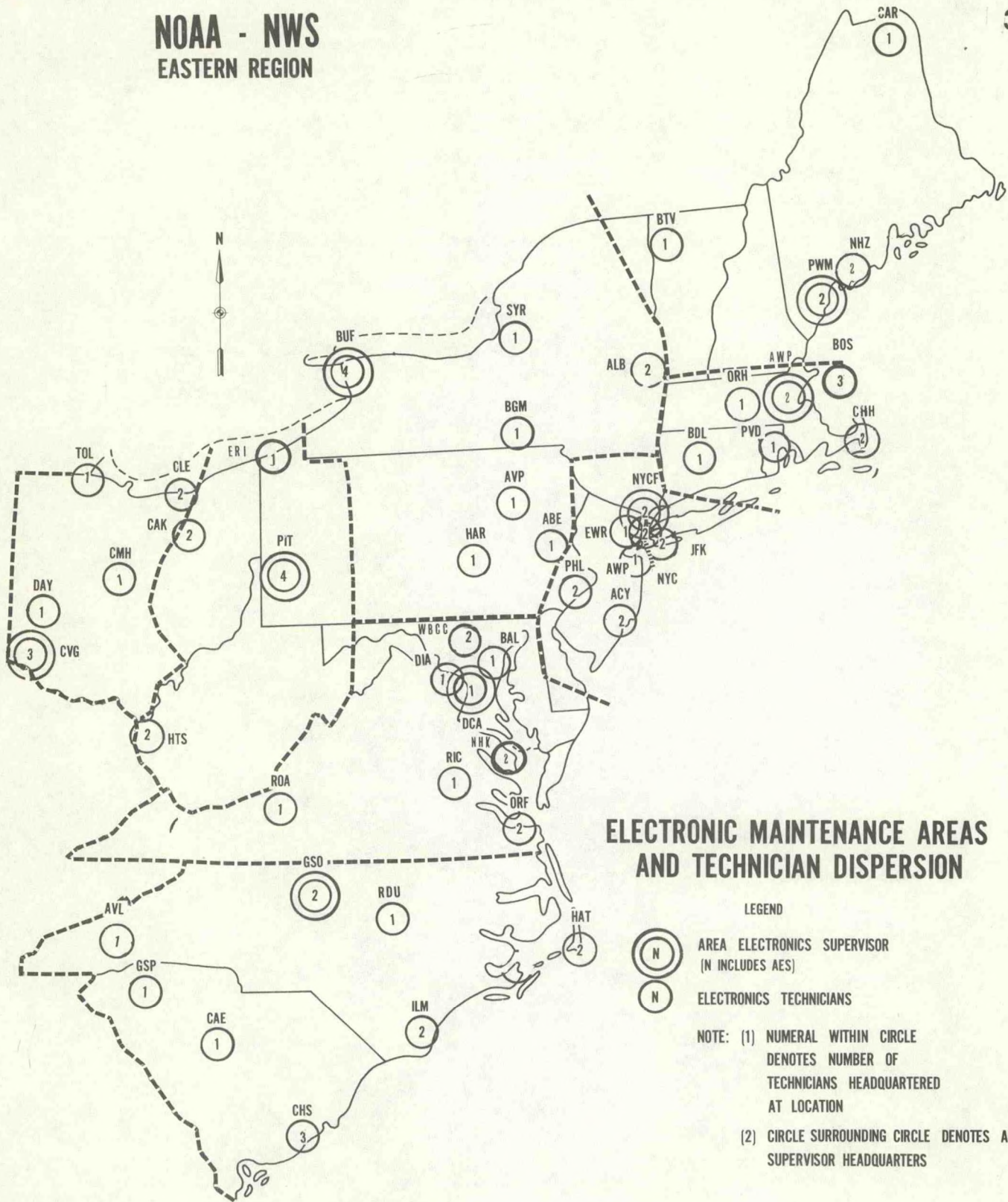
USER SERVICE PROGRAM

- * REGUS REP
- STATUS REP AND STATE AVIATION
LIAISON OFFICE (except where noted)
- △ SALO ONLY
- ▲ D. OF C. USER SERVICE REP

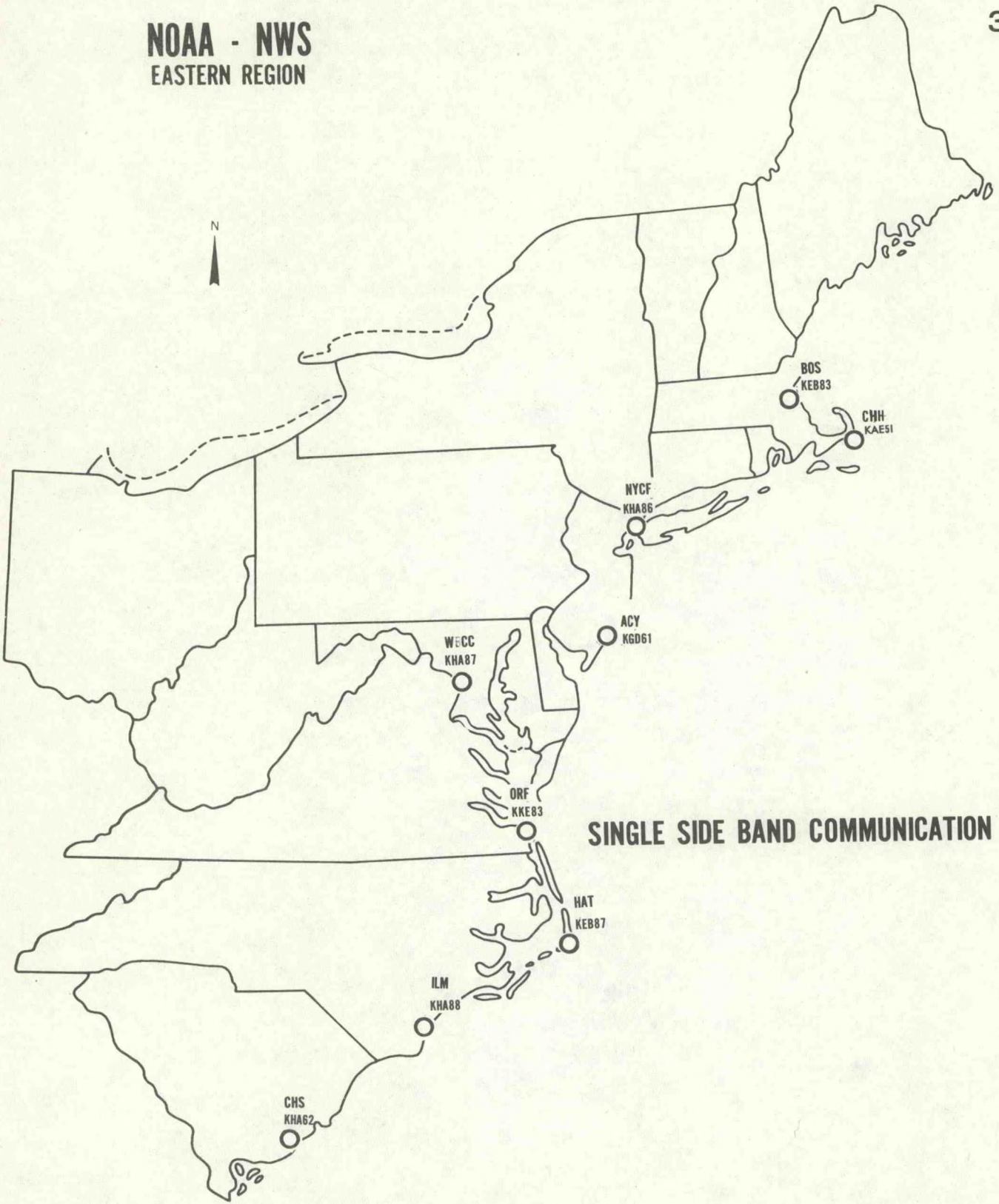
DELEGATED RESPONSIBILITIES FOR SPECIALIZED SERVICES

- MARINE SERVICES
- FORESTRY
- × AGRICULTURAL INTERESTS
- INTERNATIONAL AVIATION
- ★ HYDROLOGIC SERVICES

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EASTERN REGION**



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SINGLE SIDE BAND COMMUNICATION