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DRAFT

COMMUNITY SHELTER PLANS

ESSEX COUNTY
MIDDLESEX COUNTY

CIVIL DEFENSE INFORMATION IN TIME OF INTERNATIONAL TENSION OR CRISIS

During a period of growing international tension, all normal methods of communication-such as newspapers, radio and television will be used to get civil defense information to the people. Visitors should make arrangements to return home if an attack seems probable.

If you are warned of a nuclear attack, go to a public fallout shelter or to your home basement immediately, tune your battery powered radio to a local station and listen for additional information and instructions.

Stay in shelter until you are advised by local government officials that it is safe to come out.

Your local Civil Defense Director and other local public officials, under the guidance of State and Federal Civil Defense Agencies, have been working for some time to develop the best plan for survival in the event of Nuclear Attack using presently available resources.

The basements of many homes in this area, because of the substantial type of eonstruction, will provide a degree of protection against radioactive fallout, with those persons not able to take shelter at home being provided space in public shelter.

SUFFOLK COUNTY



The Community Shelter Plan is Option I of the Nuclear Civil Protection Program for Massachusetts and would be implemented if insufficient time was available for evacuating people from areas that would be subject to direct blast damage.

Option II of the Nuclear Civil Protection Program provides instructions on the relocation of people from the blast risk areas to the safer host areas and is known as the Crisis Relocation Plan, now being prepared.

You will be advised as to which part of the program to follow based on the international situation.

The role of the Civil Defense Agency is the coordination of all resources of the Commonwealth to avert, combat, and minimize the effects of disaster, natural, man-made, or war caused.

This plan is designed to increase your ability to survive the effects of a nuclear attack.



SAVE THESE PLANS-THEY MAY SAVE YOUR LIFE

Where to go... What to do...

• IF A VERY BRILLIANT FLASH OR SHOCK OCCURS

and you are not in a shelter, act as follows:

If Indoors, drop to the floor; get under a bed, desk, on heavy table; and stay on the floor out of line of flying glass, shielding face and head. If outdoors, quickly get behind a tree, into a ditch, or other protection. Then go immediately to the best shelter you can reach within one hour. If you cannot reach a public shelter or your home basement, choose any substantial building for protection.



The ATTACK WARNING SIGNAL is a 3-to-5 minute wavering tone on sirens, or it may be given to you by radio or television. The ATTACK WARNING SIGNAL shall mean that an actual attack against the country has been detected and that protective action should be taken immediately.

IF YOU MUST USE YOUR HOME FOR A SHELTER

Study the following on how to improvise shelter

HOW TO IMPROVISE SHELTER AT HOME

If you are required to take shelter at heme, you can add additional protection to that which already exists. Although this might be possible at the time you receive warning to take shelter, a certain amount of propagation is presented if amount of pre-planning is necessary if salisfectory results are to be expected. NOW IS THE TIME TO DECIDE WHAT YOU WILL DO AND HOW YOU WILL DO IT.

WHAT TO DO NOW

- (1) Study the sketches and decide which is applicable to your situation and select a shelter location.
- (2) Take nete of available shielding materials such as bricks, cencrete blecks, sand or loose earth which could be moved

Other things could also be used as shielding material, er to support shielding materiel, such as:

- House doors that have been taken off their hinges (especially heavy outside doors).
- Dressers and chests (especially if the drawers ore filled with sand or earth).
 Tables and bookcases.
- Large appliances (such as washers, dryers, TV and hi-fi sets).
- Trunks, boxes and cartens (if filled with earth, sand or ather heavy material).
- Books, magazines, and stacks of firewood or
- Hagstones from outside walks and paties.
- (3) If no shielding materials are presently ovailable, ebtain and stere some in a cenvenient location.
- (4) Take note of nonperishable foods nermally kept in the heme. If these are net sufficient te mointain your family fer twe weeks, increase the supply.

HOME SHELTER SUPPLIES 8 Paper lowels Smitmy nonkins nergency Wasle Ioilel Storage SANITATION & MEDICAL SUPPLIES Blankets WATER CLGTHING FGDD & EATING UTENSILS & BEDDING 3 Extra Batteries RADIO INFANT CARE & SUPPLIES Clock 111 m TDGLS& GTHER ITEMS

IMPROVISED FALLOUT PROTECTION IN A HOME

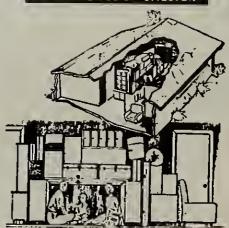
BASEMENT SHELTER



SELECT THE CORNER OF YOUR BASEMENT WHERE THE GROUND LEVEL OUTSIDE IS HIGHEST, THIS IS THE SAFEST PLACE IN THE BASEMENT.

Place boxes or drawers on top of a sturdy table or workbench and fill with heavy material, such as dirt or sond. If the sides of the basement away from the shelter area have mare than two feet of eutside wall exposure, materials should also be placed around the epen sides of the table. Be very careful not a overload the table to the point of collapse.

GROUND FLOOR SHELTER



sides of a sturdy table or workbench and fill them with heavy materials. Often a makeshift table can be made by using doors supported by cobinets

IMPORTANT REMINDER

Public Shelter only for those people who do not have a home basement or cannot reach home within 30 minutes after warning to take shelter.

There are commercial buildings not in this listing that afford excellent shelter and are for the use of the occupants only. This information is available from the building owner or local Civil Defense Director.

ESSEX COUNTY

PUBLIC SHELTER INSTRUCTIONS

- Follow instructions listed below.
- Not all public shelters are stocked, so take whatever food and water you can carry as well as medicines.
- 3. Public shelter only for those people without home basements.

IF YOU ARE IN:

- Go to the Bailey Co. Plant, Water St.
or Amesbury Hospital, Morrill Place
or Post Office, Main St.
or Central Fire Station, School St.
or St. Joseph's School, Sparhawk St. AMESBURY - See Map. ANDOVER BEVERLY - See Map. - Go to the Masconomet High School, Endicott Rd. BOXFORD DANVERS - See Map. - Go to the Essex Elementary School, Story St. ESSEX

- Go to the Perley Elementary School, North St. GEORGETOWN GLOUGESTER - See Map. - Go to Bradford Jr. College, Route 125, Haverhill, GROVELAND

- Go to the Gordon-Crcnwell Theological Seminary, HAMILTON Bridge St.

via Salcm St.

- See Map. HAVERHILL - See Map. IPSWIGH LAWRENGE - See Map. - See Map. LYNN

LYNNFIELD - Go to our Lady of Assumption School, Summer St. - Go to the Manchester Memorial School, Lincoln St. or Go to the Post Office, Beech St. MANCHESTER

MARBLEHEAD - See Map.

- Go to the Elementary School, Union St. MERRIMAG or The Little Larkin Block, East Main St.

METHUEN - See Map.

- Go to the Danvers State Hospital, Route 1, Danvers. MIDDLETON

- Go to the Harrington School, 21 Dexter St., Lynn. (See Lynn Map) NAHANT

NEWBURYPORT - See Map.

- If you are <u>East</u> of Route 1, go to St. Paul's Episcopal Ghurch, High St., Newburyport, (Off Route 1).
- If you are <u>West</u> of Route 1, go to Gov. Dummer Academy, Elm St. NEWBURY

NORTH ANDOVER - See Map. PEABODY - Sec Map.

- If you are North of Main St. (Rte. 127) go to the Pigeon Gove School, Story St.

If you are South of Main St. (Rte. 127) go to the High School or Elementary School on Jerdens Lane. ROCKPORT

- Go to Gov. Dummer Academy, Elm St., Newbury. ROWLEY

- See Map, SALEM

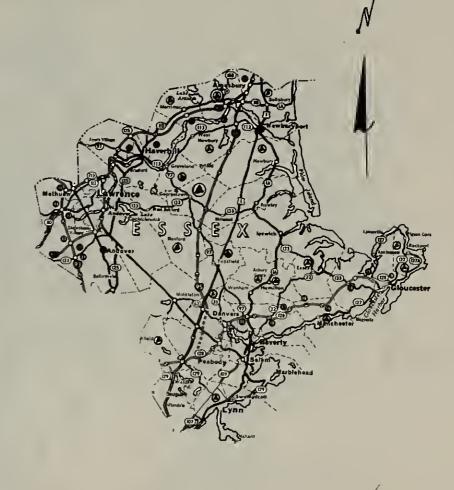
- Go to the Spaulding Mcmorial School, Maple St. SALISBURY

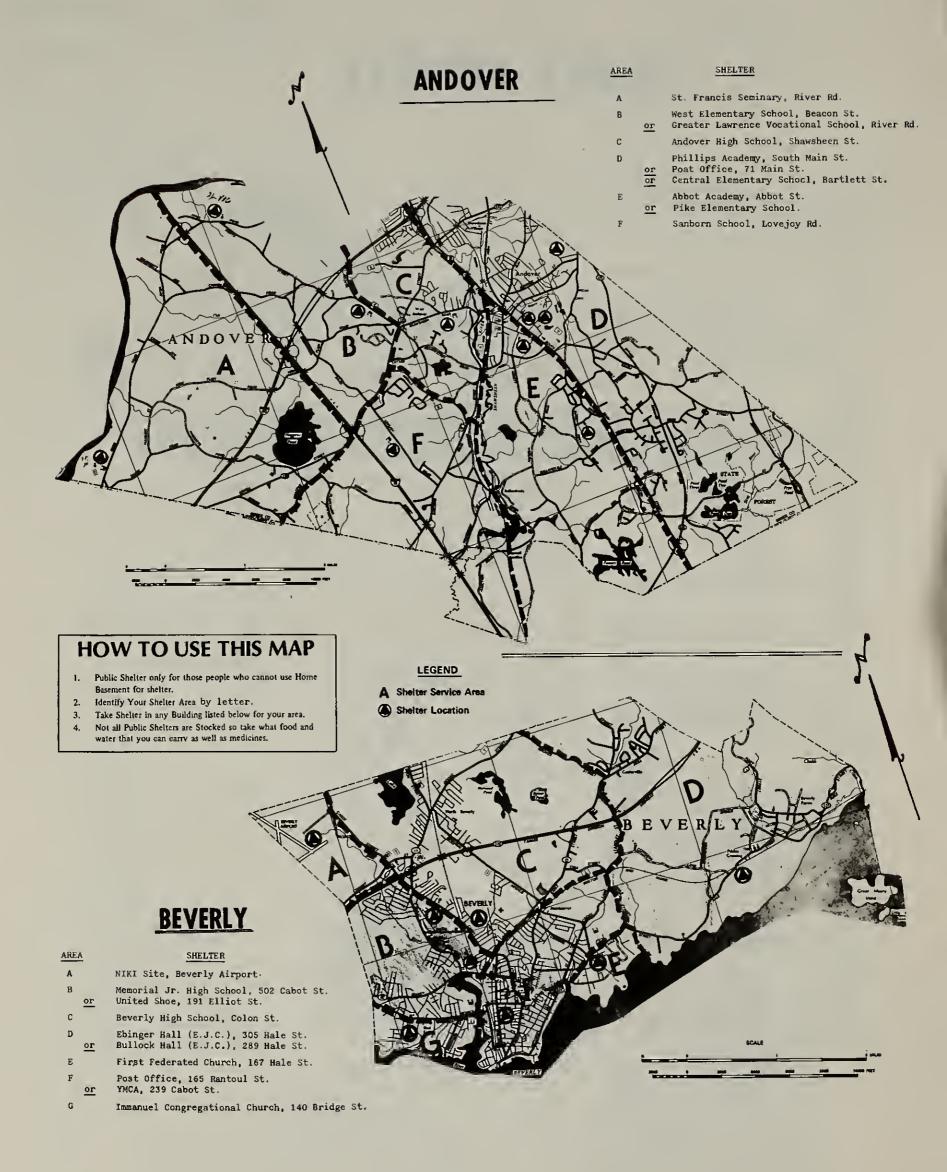
- See Map. - See Map. SWAMPSGOTT

TOPSFIELD - Go to the Civil Defense Training Academy, Bradley Palmer

- Go to the Ghrist Ghurch, Asbury St., Hamilton (off Route 1A).

WEST NEWBURY - Go to the John C. Page School, Main St. or the American Legion Hall, Main St.





DANVERS

AREA

SHELTER

A Danvers Savings Bank, 3 Conant St.

B St. Mary's School, Route 62

or Great Oak School, Pickering St.
or St. John's School, Spring St.

C Creese and Cook Tannery, Water St.

D Danvers State Hospital

E Telephone Bldg., 65 High St.
or Sylvania Lamp Division, 75 Sylvan St.

F Our Lady of Assumption School, Summer St.

HOW TO USE THIS MAP

- Public Shelter only for those people who cannot use Home Basement for shelter.
- 2. Identify Your Shelter Area by letter.
- 3. Take Shelter in any Building listed below for your area.
- Not all Public Shelters are Stocked so take what food and water that you can carry as well as medicines.

LEGEND

A Shelter Service Area

A Shelter Location

GLOUCESTER

SHELTER

AREA

A

or or or or

or

High School, Centennial Ave.

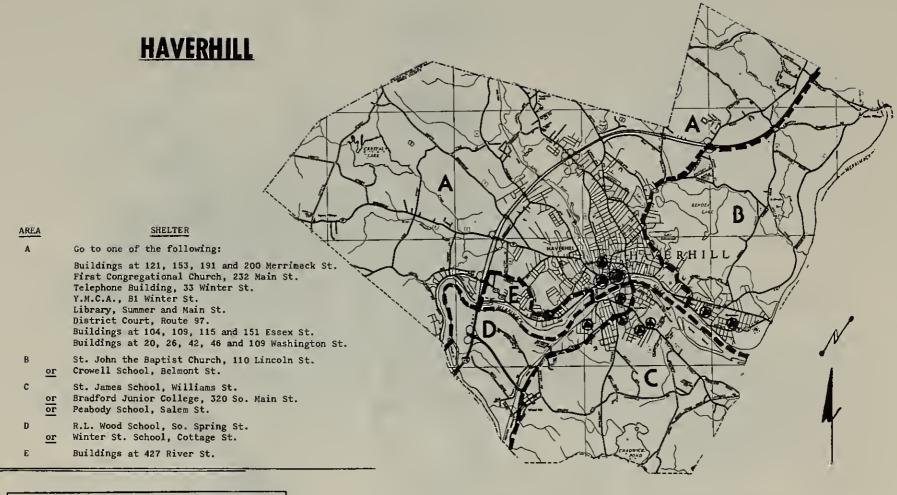
Addison Gilbert Hospital, Washington St.

Moplewood Park Bldgs., Maplewood Ave.

Post Office, Dale Avenue.
U. S. Dept. of Interior, Elm St.
Building at 6 Elm St.
Catholic Regional High School.
Gorton's Seafood Center, Howe St.
Quincy Market Cold Storage, Rowe Sq.

Quincy Market Bldg., 1 East Main St. East Gloucester Elem. School, Davis St.

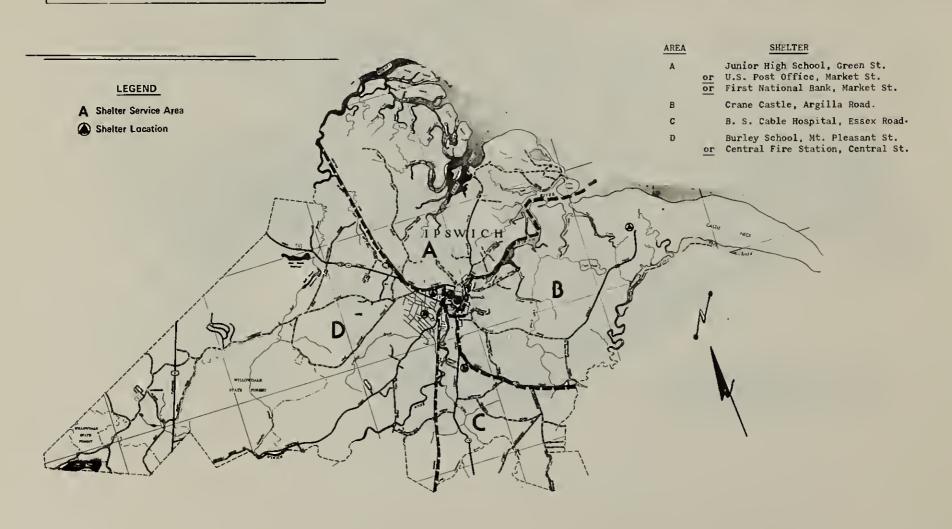




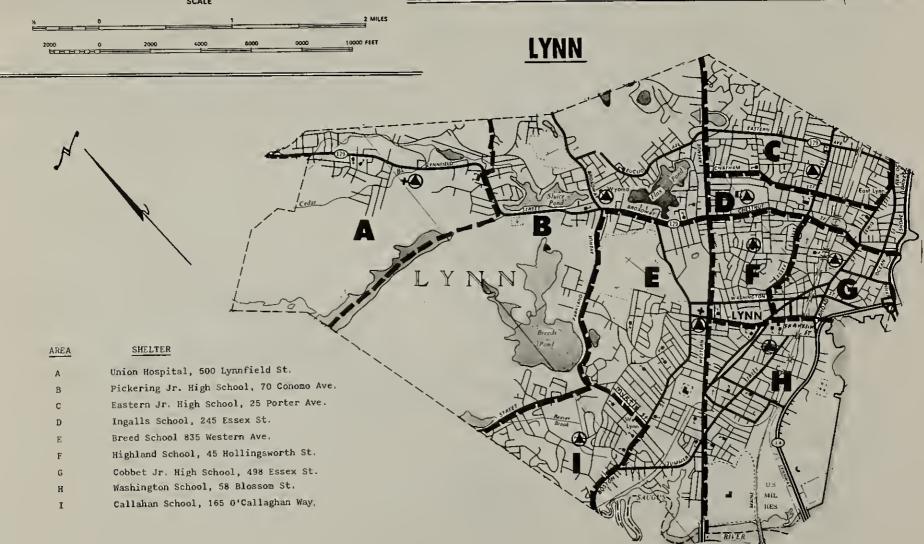
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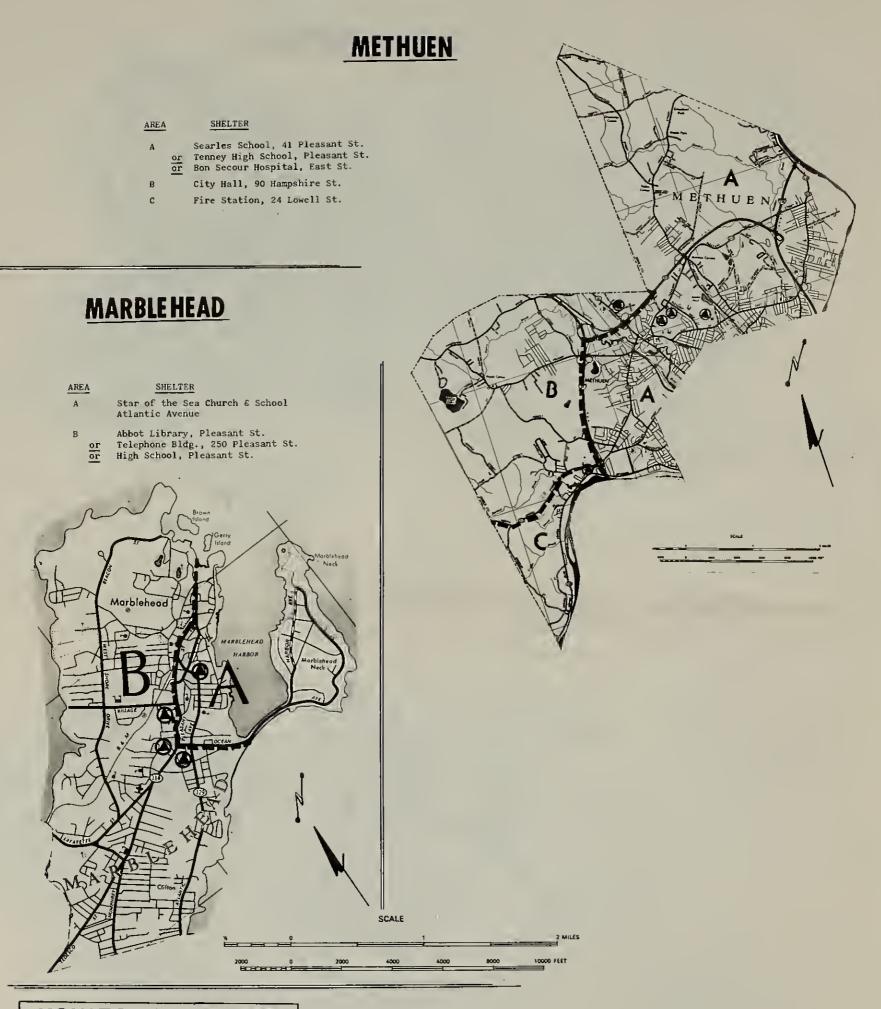


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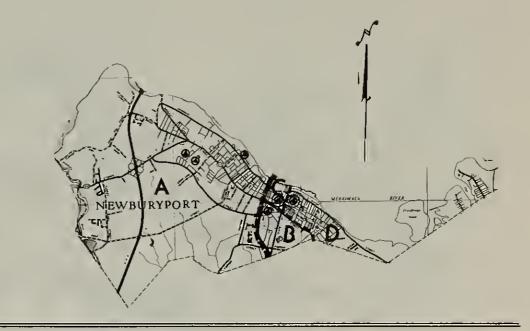
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LEGEND

- A Shelter Service Area
- A Shelter Location

NEWBURYPORT

SHELTER AREA High School, High St. Anna Jaques Hospital, Highland Ave. Towle Mfg. Co., Merrimack St. St. Pauls Episcopal Church, High St. Building at 19 Pleasant St. Post Office, Pleasant St. Masonic Temple, 31 Green St. Telephone Co., 33 Green St. Storage Building, 25 Water St. First Ocean National Bank, State St. Merchants National Bank, State St. Building at 17 Federal St. Roman Catholic Church, 2 Beck St. or



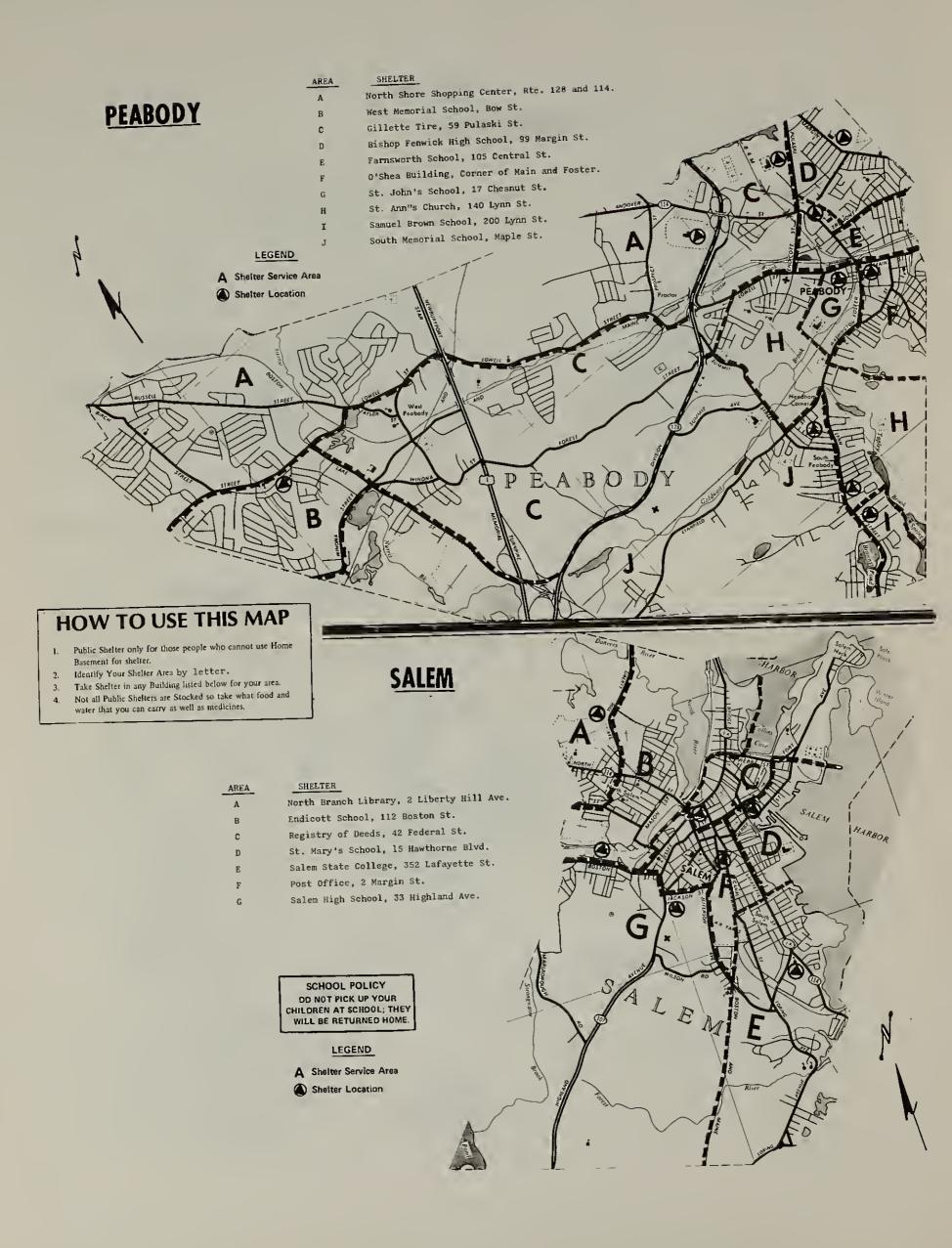
SHELTER AREA Western Electric, Osgood St. (Rte 125) Α No. Andover High School, Main St. Kittredge School, Main St. Davis and Furber Co., Water St. В or Merrimack College, Route 114. С

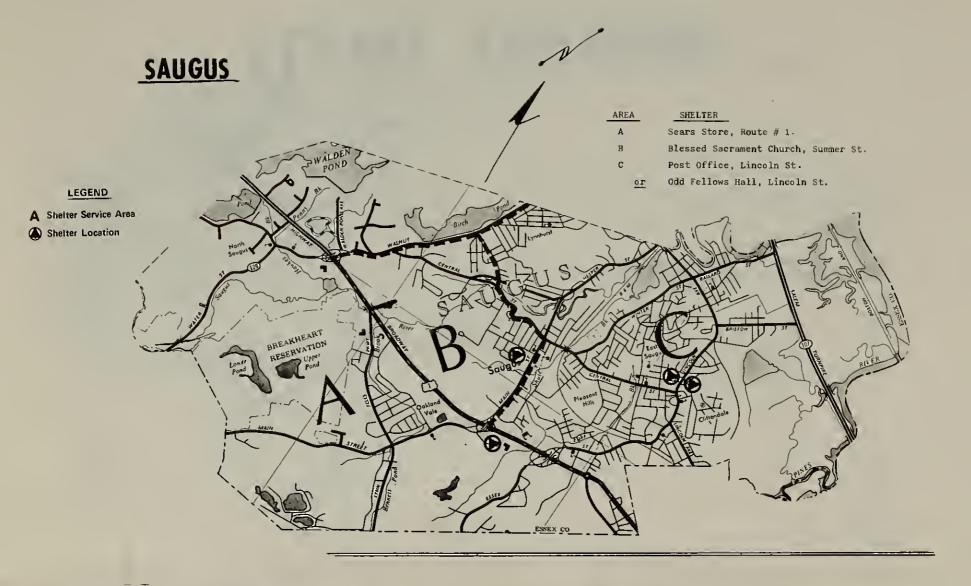
NORTH ANDOVER NORTH ANDOVER LEGEND A Shelter Service Area A Shelter Location

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- Identify Your Shelter Area by letter.

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SWAMPSCOTT

AREA SHELTER High School, Greenwood Ave. Jr. High School, Forest St.



LEGEND

A Shelter Service Area

Shelter Location

IDDLESEX CO PUBLIC SHELTER INSTRUCTIONS 1. Follow instructions listed below. Not all public shelters are stocked, so take whatever food and water you can carry as well as medicines. 3. Public shelter only for those people without home basements. IF YOU ARE IN: - If you are in West Acton between Route 2 and Route 111, go to the McCarthy Elem. School, Charter Rd. All others go to the Century East Ins. Co., Route 2, Concord. ACTON ARLINGTON - Sec Map. - Go to the Spaulding Elem. School, Main St., Townsend. ASHBY If you are North of Rte. 135, go to the Bethany Infirmary, Framingham. B5 Bethany Rd. If you are South of Rte. 135, go to Central St. School Annex, ASHLAND Framingham, - Go to the Post Office, Columbia St AYER Pond St. Elementary School, Pond St. Corbeau Inc., Shirley St. If you live or work at Ft. Devens, use one of the shelters on the base. - See Map. BEDFORD BELMONT - See Map. BILLERICA - See Map. - Go to the Telephone Co. Bldg., Newton Rd., Littleton. BOXBOROUGH BURLINGTON - See Map. CAMBRIDGE - See Map - Go to the Middlesex-Lynn Ins. Co., Monument Sq., Concord. CARLISLE - If you can walk to one of the following buildings in 10 minutes or less, take shelter in that building: CHELMSFORD or less, take shelter in that building: Middlesex County Training School, Richardson Bldg. Southwell Combing Plant, Princeton St. St. John the Evangelist Church, Middlesex St. Chelmsford Jr. High School, 75 Graniteville Rd. Purity Shopping Center, Boston Rd. Teleohone Bldg., North Rd. All Saint's Church, Billerica Rd. All others go to Offices Unlimited Bldg., 4 Broadway, Lowell. or or or or - See Map. CONCORD If you are East of Rte 38 (Bridge St.) go to the Elementary School, Spring Park Ave. If you are West of Rte. 38 (Bridge St.) go to Beaver Brook School, Lakeview Ave. DRACUT Dracut High School, Lakeview Ave. St. Theresa's School, Goodbine Ave. Parker Ave. School, Parker Ave. DUNSTABLE - Go to Notre Dame Academy, Middlesex Rd. (Rte. 3) Tyngsboro. EVERETT - See Map. FRAMINGHAM - See Map. - If you are West of Rte. 119, go to the Groton School, Farmers Row. - If you are East of Rte. 119, go to the Lawrence Academy, Powder House Rd. GROTON - If you are <u>East</u> of Rte. 126, go to the Fire Station, Central St. or Russell's Market, 101 Central St. - If you are <u>West</u> of Rte. 126, go to the Sacred Heart School, East Main St. (Rte. 16) <u>Milford</u>. HOLLISTON _ Go to the Woodward Memorial School, Rte. B5, Southborough. HOPKINTON - If you are North of the B & M Railroad, go to the JFK Middle School, Manning St. HUDSON or - Hudson Lock Co., 30 Apsley St. - If you are South of the B & M Railroad, go to Catholic High School, or - Elementary School, Felton St. LEXINGTON - See Map. - If you are North of Rte. 2, go to the Farrington Memorial, Rte. 2. - If you are South of Rte. 2, go to the Hartwell School, Ballfield Rd. or Gordon Hall, South Great Rd. (Rte. 117). LINCOLN - If you are West of Rte. 495, go to St. Anne's Church, King St. - If you are East of Rte. 495, go to the Shattuck St. School, Shattuck St. or - Rueben Hoar Library, Rogers St. LOWELL - See Map. - See Map. MALDEN

MARLBOROUGH - See Map.

PUBLIC SHELTER INSTRUCTIONS

- 1. Follow instructions listed below.
- Not all public sheltera are stocked, so take whatever food and water you can carry as well as medicines.
- 3. Public shelter only for those people without home basements.

IF YOU ARE IN:

MAYNARD or - Co to DIGITAL, 3 Main St.

DIGITAL, 5 Thompson St. MEDFORD - See Map, - See Map. MELROSE NATICK - See Map. - See Map. NEWTON - If you are East of Haverhill St., go to the Thomson Club, Elm St. - If you are West of Haverhill St., go to High School, Park St. NORTH READING - Co to the Lawrence Memorial Library, 1036 Main St.

or Croton School, Croton St.
St. Joseph's Church, Tarbell St. PEPPERELL - See Map. READING - Co to the Sherborn Library, Sanger St. SHERBORN - Co to Mass. Correctional Institute-Shirley, Lancaster Rd. SHIRLEY SOMERVILLE - See Map. - See Map. STONEHAM - Co to DICITAL, Bldg. #3, Main St., Maynard. STOW - Co to the Regional High School, Lincoln Road. SUDBURY TEWKSBURY - If you are North of Rte. 38, go to North St. Elementary School, North St. or The Shawsheen Elementary School, East St. - If you are South of Rte. 38, go to Oblate Fathers Novitiate, Chandler St. or The Tewksbury State Hospital, Chandler St. - Co to the Spaulding Elementary School, Main St. TOWNSEND TYNCSBORO - Co to Notre Dame Academy, Middlesex Road. WAKEFIELD - See Map. WALTHAM - See Map. WATERTOWN - See Map. - Co to the High School, Bldg. F, Old Connecticut Path or St. Anne's Church, Cochituate Rd. WAYLAND - If you live in Forge Village, go to St. Catherine's Church, Main St. WESTFORD - All others go to Notre Dame Academy, Middlesex Rd. (Rte. 3), Tyngsboro. - If you are North of Rte. 20, go to Weston College, Concord Rd. - If you are South of Rte. 20, go to Regis College, Wellesley St. WESTON - See Map. WILMINGTON WINCHESTER - See Map. WOBURN - See Map.

MIDDLESEX COUNTY

ARLINGTON

SHELTER AREA The Aristocrat, 47 Mystic St. Arlington Catholic High School, Medford St. St. Agnes School, Medford St. Regent Theatrc, Medford St. Center Plaza, 385 Massachusetts Ave. Crosby School, Winter St. Hardy School, 54 Lake St. Capitol Theatre, 204 Mass. Ave. Industrial Arts Jr. High School, Academy Rd. Parmenter School, Irving St. Post Office, 10 Court St. Public Library, 700 Mass. Ave. or or or Brackett School, 66 Eastern Ave. G St. Camillus Church, Concord Turnpike Pierce School, Park Ave. Jr. High School West, Acton St. St. James School, Acton St. or Arlington High School, Mass. Ave.



HOW TO USE THIS MAP

- Public Shelter only for those people who cannot use Home Basement for shelter.
- dentify Your Shelter Area by letter.
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- Not all Public Shelters are Stocked so take what food and water that you can carry as well as medicines.



LEGEND

A Shelter Service Area

A Shelter Location

BEDFORD



AREA

SHELTER

A Raytheon, Hartwell Rd.

B Bedford High School,

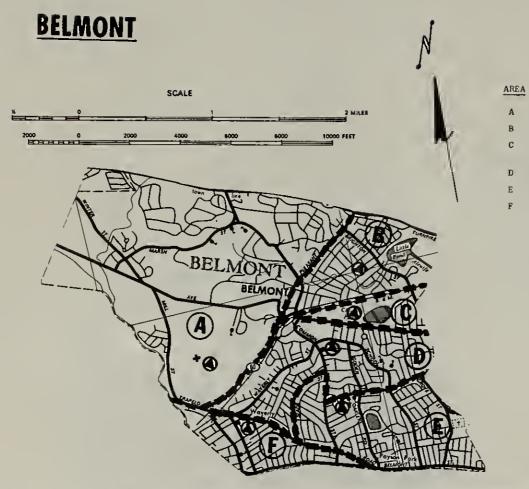
School Ave,

C V. A. Hospital, Bldg. 2, 4, 7, 9 Spring Rd.

D Mitre Corp., Bldg. A, Burlington Rd.

or BASF Systems Crosby Rd.





SHELTER

McLean Hospital, 115 Mill St.

Winn Brook School, 95 Waterhouse St.

New Belmont High School, Unit I, Concord Avenue.

Old Belmont High School, 121 Orchard St.

Belmont Jr. High School, 195 Oakley Rd.

Kendall School, 266 Beech St.

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LEGEND

· Shelter Locations

· Shelter Complex

BILLERICA

AREA SHELTER

- A Middlesex House of Correction, Treble Cove Rd.
- Memorial High School, River St. or Howe School, Boston Rd.
- Cabot Inc., Concord Rd.



BURLINGTON

HOW TO USE THIS MAP

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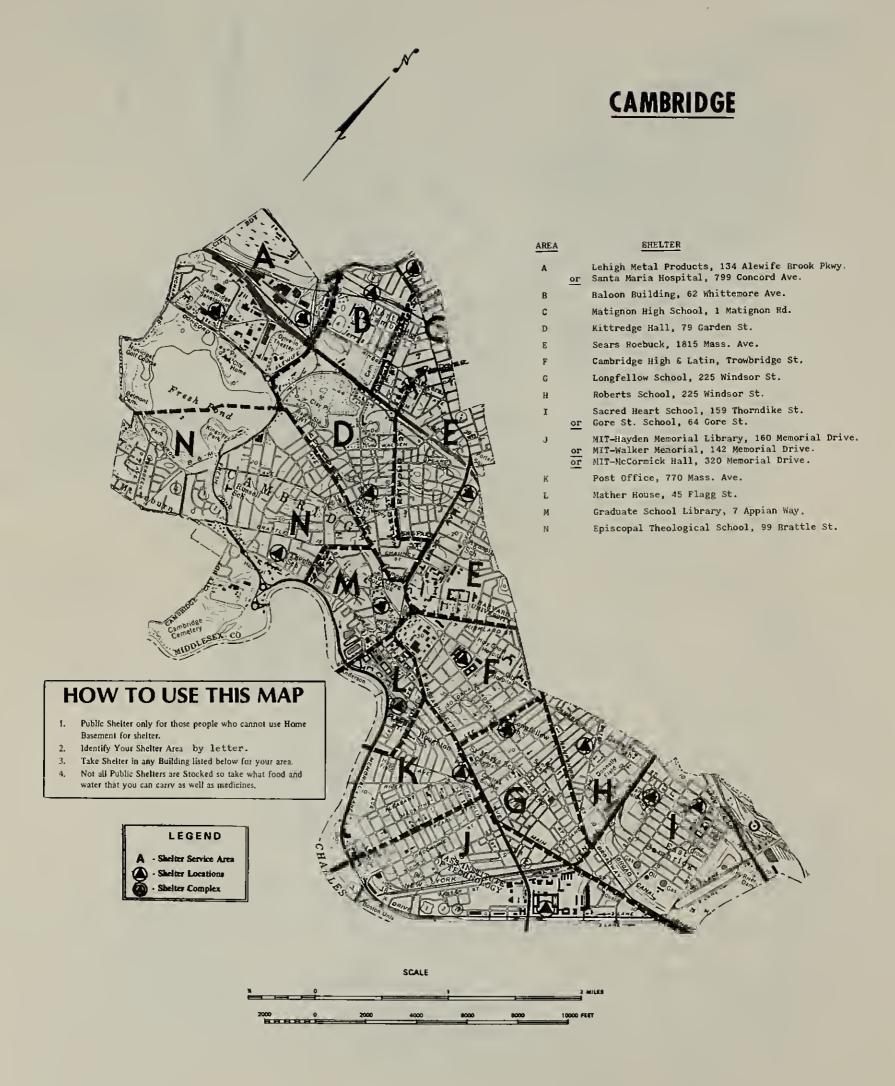
LEGEND

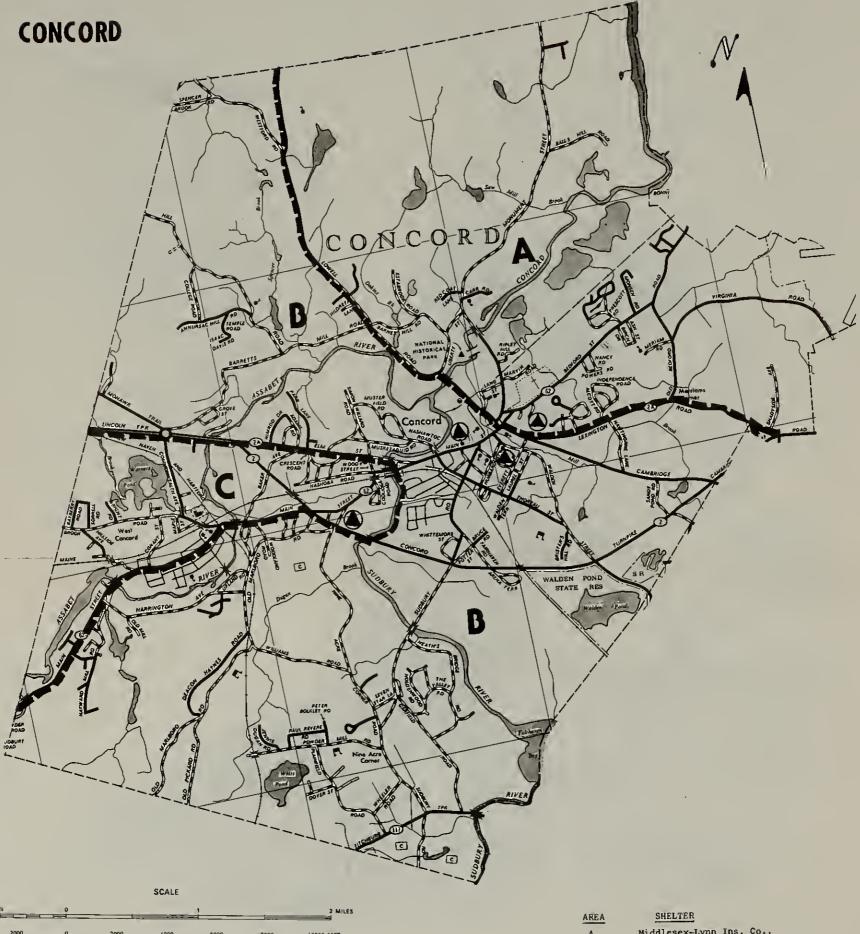
A Shelter Service Area

Shelter Location



SHELTER AREA New High School, Cambridge St. (3A) A Simonds Middle School, Winn St. Wildwood School, Bedford St. С Bldg. 32, 30 North Avenue.





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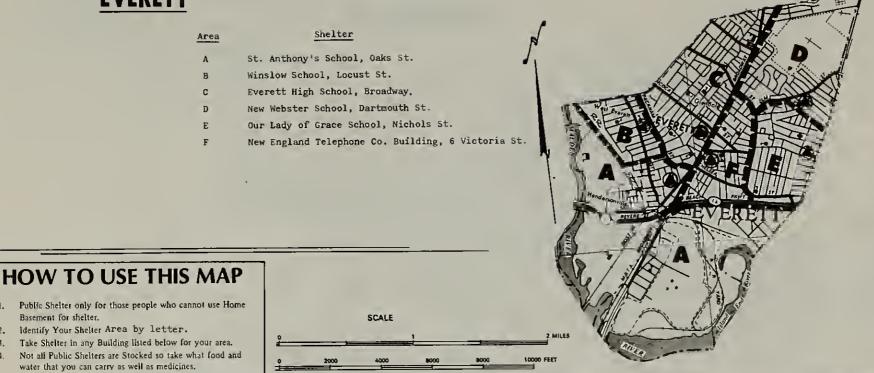
A Shelter Service Area Shelter Location

Middlesex-Lynn Ins. Co., Monument Square

Emerson Jr. High School, 10 Stow Rd. Rose Hawthorne School 52A Main St.

Sentry Insurance Co., Route 2.





LEGEND

A Shelter Service Area

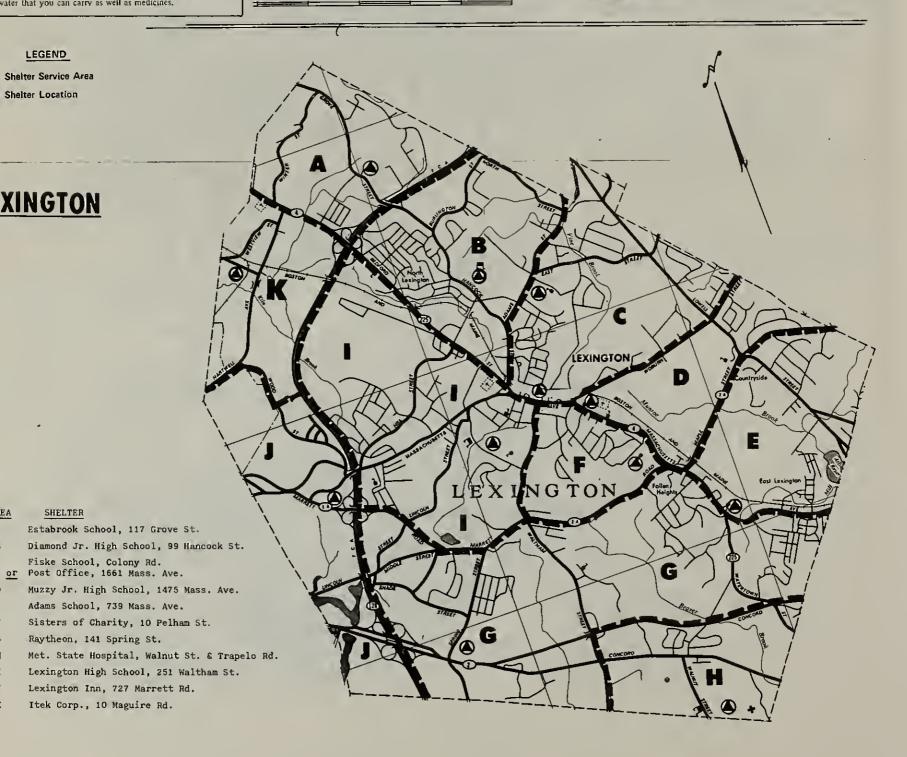
A Shelter Location

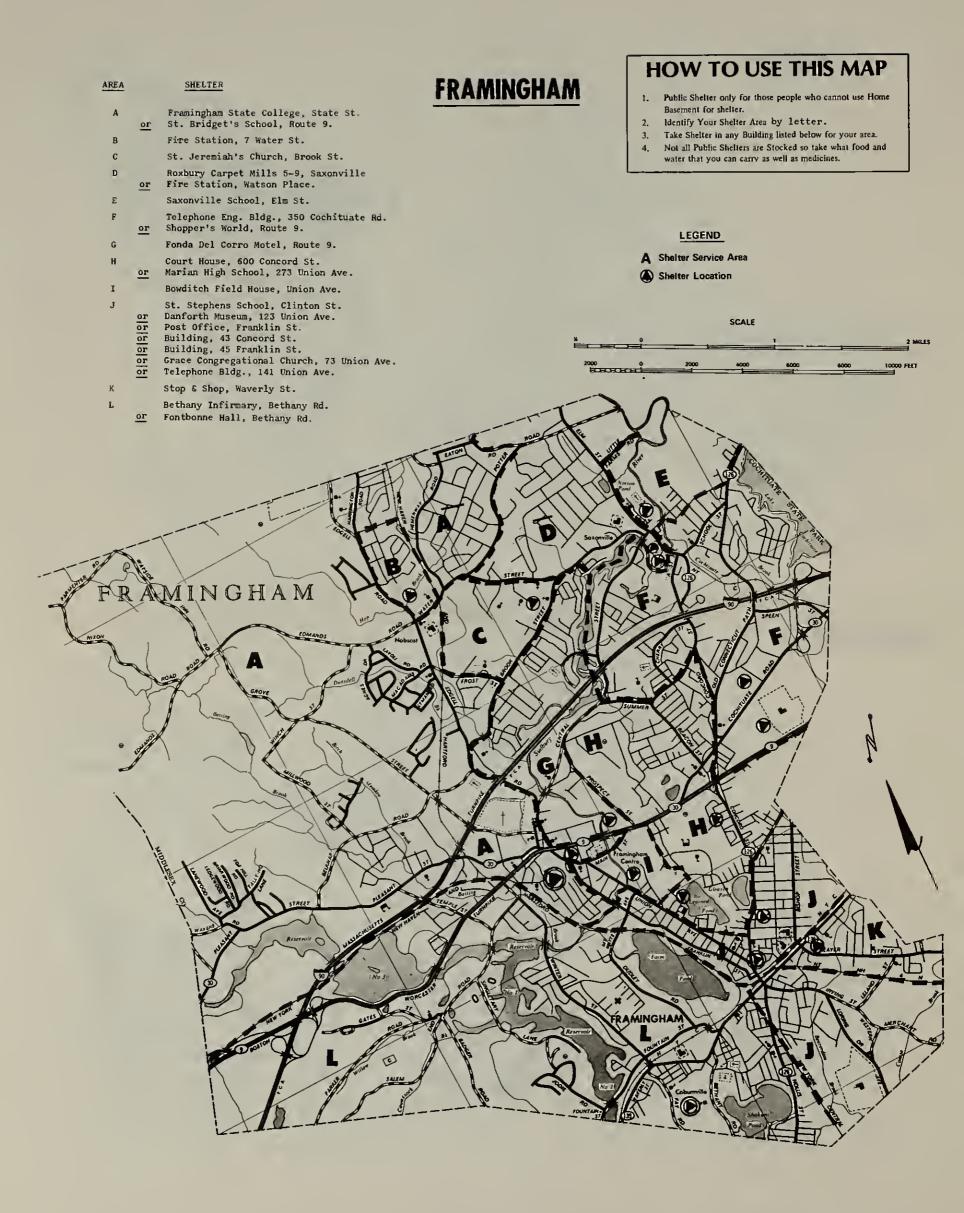
LEXINGTON

AREA

Α

SHELTER







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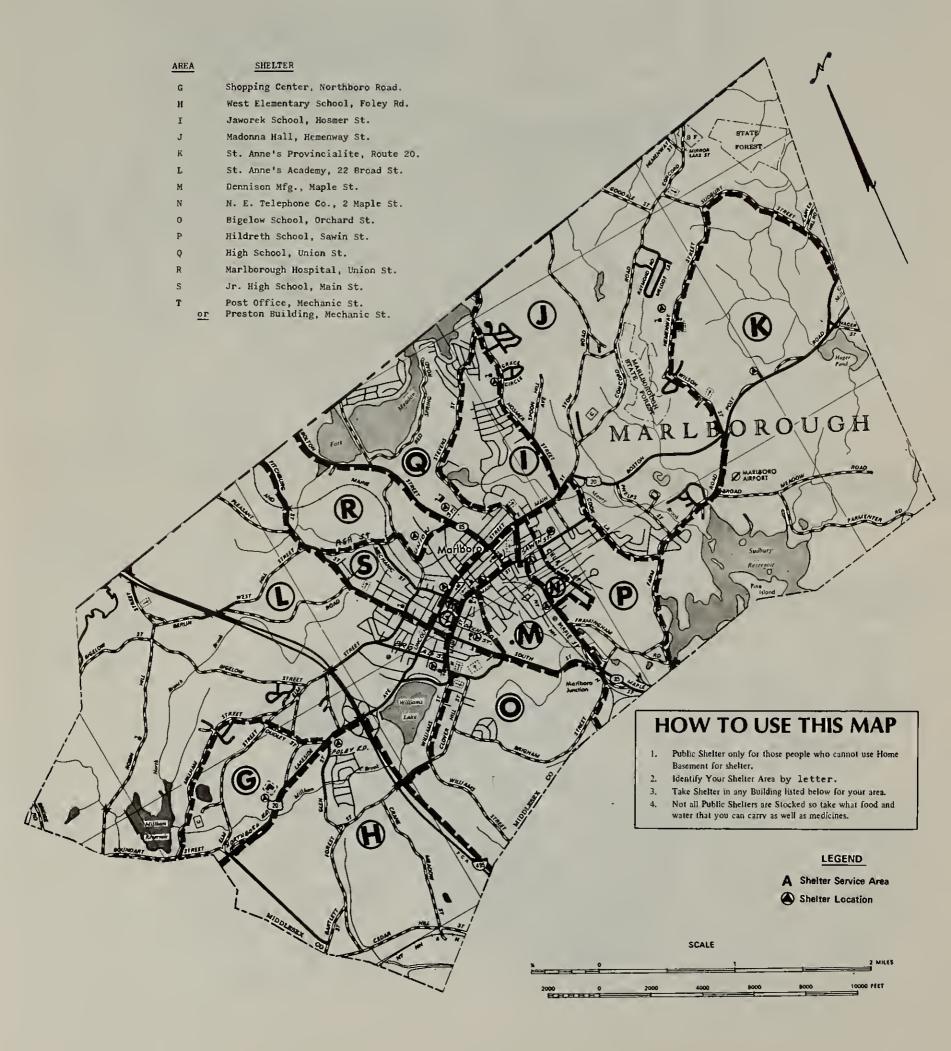
MALDEN

AREA SHELTER

- A Beebe Jr. High School, Pleasant St.
- B Malden Library, Salem St.
- C Malden High School, Salem St.
- D Fire Station Library, 2 Laurel St.
- E St. Joseph's School, 780 Salem St.
- F Belmont School, 22 Cross St.
- G Boys Catholic High School, Highland Ave.



MARLBOROUGH



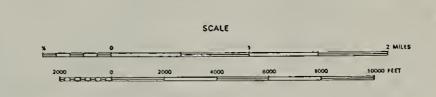


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A- Shelter Location

ME	ELROSE	Majoris B	
AREA	SHELTER		
A	High School, Lynn Falls Parkway.	VILO DE LA CONTRACTOR D	<u>`</u> `\
В	Horace Mann School, 21 Damon Avc.		\
С	Coolidge School, 585 Main St.		
D	Winthrop School, 162 First St.	CAN THE THE	Long No.
E	Hoover School, Glendower Rd.	(A FI) Food	ATTACK OF THE STATE OF THE STAT
F	Washington School, 408 Leabanon St.		8
G	Lincoln School, 80 W. Wyoming Ave.	MELROSE	MELROSE \
H <u>or</u>	Library, 69 W. Emerson St. St. Mary's School, 41 Myrtlc St.	G	Swars Pond Swars Pond

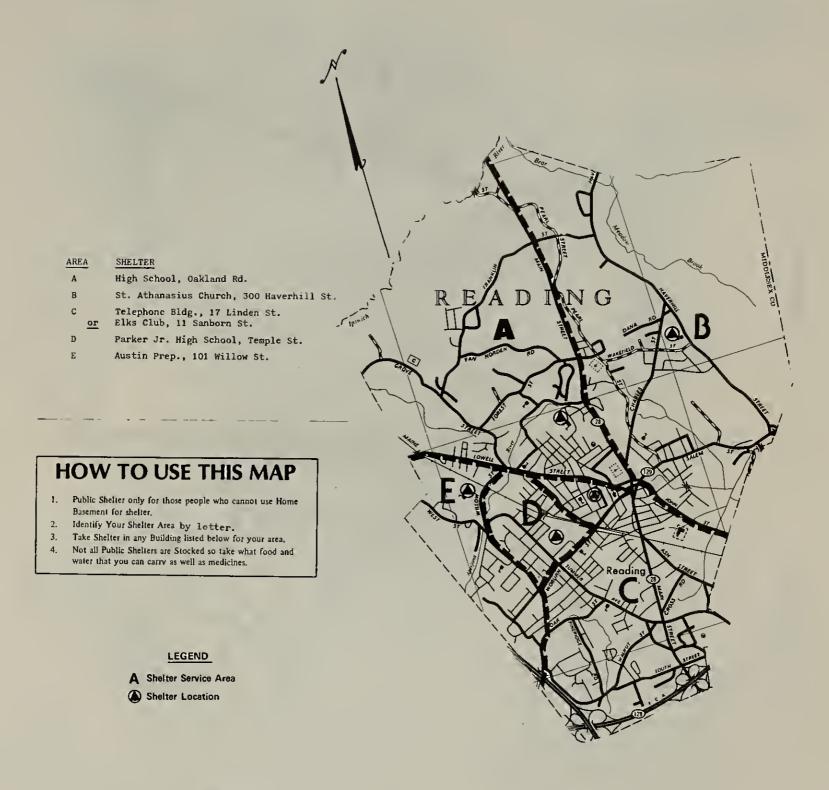
NATICK

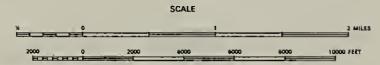


NEWTON

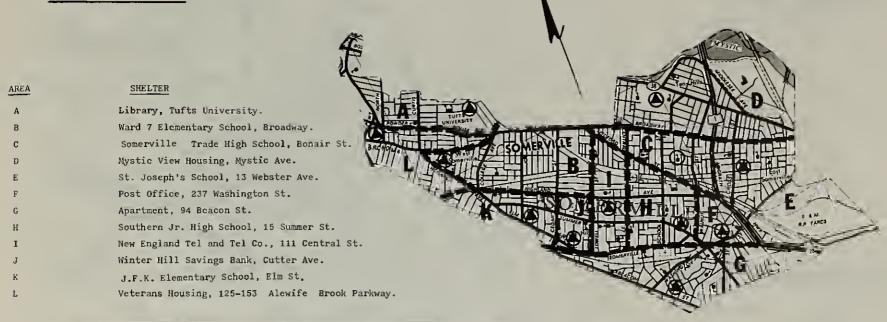


READING





SOMERVILLE



HOW TO USE THIS MAP

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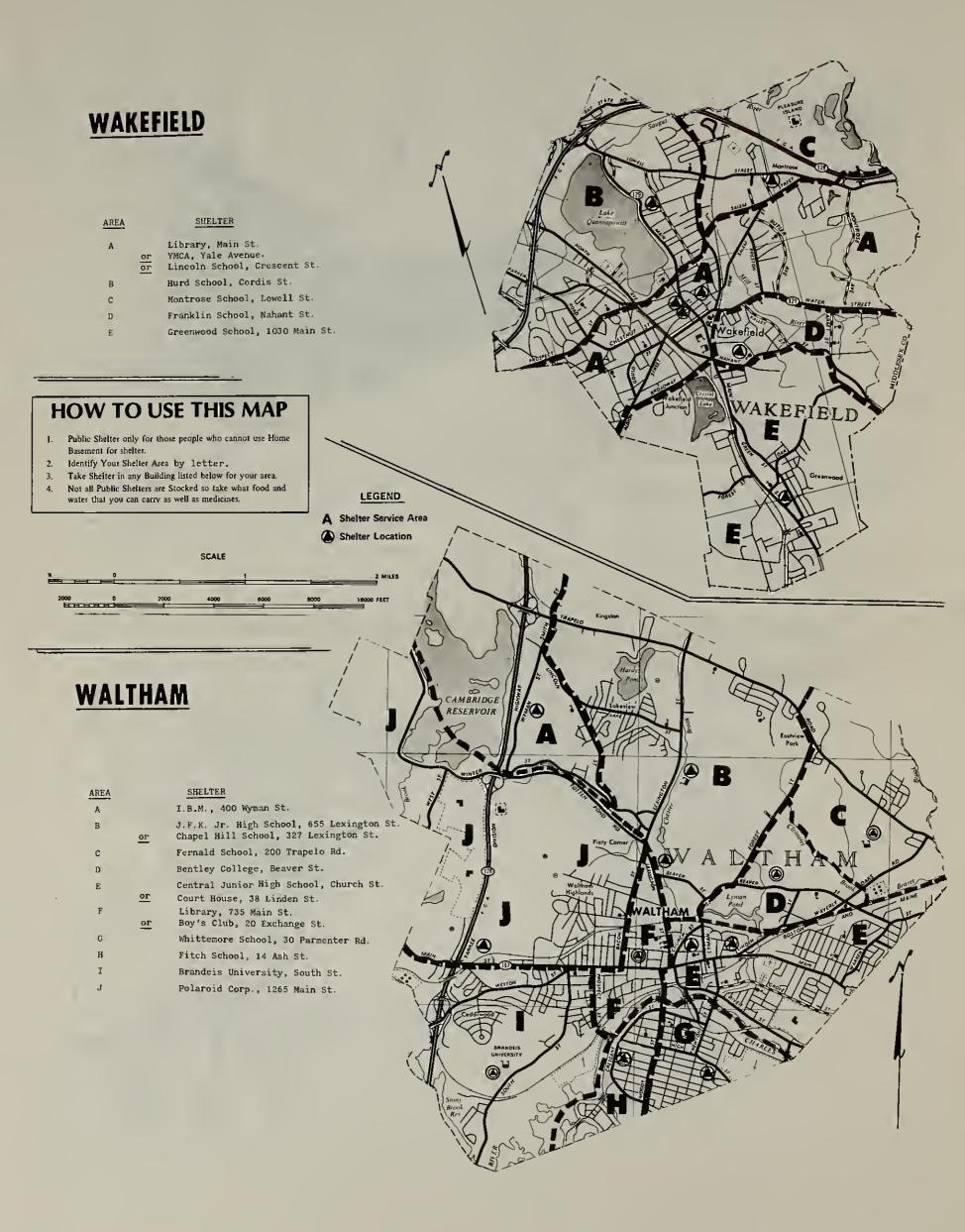


STONEHAM

AREA	SHELTER
Α	Robin Hood School, Magnolia Terrace.
В	Dynamics Research, 30 Montvale Ave.
С	Emerson School, Wright St.
D	High School, Central St.



LEGEND





- Public Shelter only for those people who cannot use Home
- Basement for shelter.

 Identify Your Shelter Area by letter.

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LEGEND

- A Shelter Service Area
- A Shelter Location

WILMINGTON

AREA	SHELTER			
Α	High	School,	Church	st.

- Wildwood School, Wildwood St.
- Intermediate School, Salem St. С
- St. Dorothy's Church, Main St.

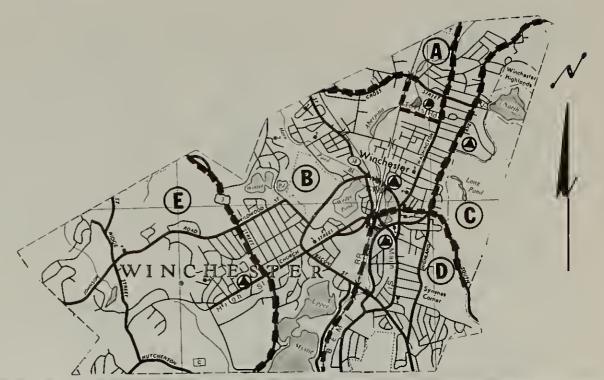






AREA SHELTER

- A Tufts Road Elementary School
- New High School, Skillin Rd.
- C Winchester Hospital, Highland Ave
- D Junior High School, Main St.
- E Ambrose School, 22 High St.



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- 3. Take Shelter in any Building listed below for your area.
- Not all Public Shelters are Stocked so take what food and water that you can carry as well as medicines.

SCALE

1 2 MILE:
0 2000 4000 8000 10000 FEET

A Trade Center, Sylvan Rd.

B Woburn High School, Montvale Ave.

C Atlantic Gelatin Co., Hill St.

D Public Library, 45 Pleasant St.

or St. Charles High School, 8 Myrtle St.

or St. Charles Elem. School, 282 Main St.

District Courthouse, 30 Pleasant St.

E YMCA, 137 Lexington St.

F Joyce Jr. High School, Locust St.





SUFFOLK COUNTY

EAST BOSTON



SHELTER AREA Rutherford Ave. School, Rutherford Ave. or YMCA, 1 Warren Avenue.

Building at 333 Medford St.
Charlestown High School, 240 Medford St.
Naval Shipyard, Bldg. #14 or #19. **BOSTON**



DOWNTOWN BEACON HILL .2 .3 <u>4</u> .5 1000 2000 3000 4000 5000 BACK BAY NORTH END SOUTH END CHARLES 16

East Boston High School.
Cheverus School, 10 Moore St.
Or Don Bosco School, 94 Horace St.
Rev. L. Toma Youth Center, 60 Oakley St.
Or Don Orione Tower, 137 Gladstone St.
Otis School, 218 Marion St.
Logan International Motel, Logan Airport.
Mt. Carmel School, 4B Frankfort St. 3 Miles 15,000 Feet 10,000

SHELTER

Area

1

10

11

12

13

14

15

17

AREA

7 Shelter Service Area A Shelter Location

LEGEND

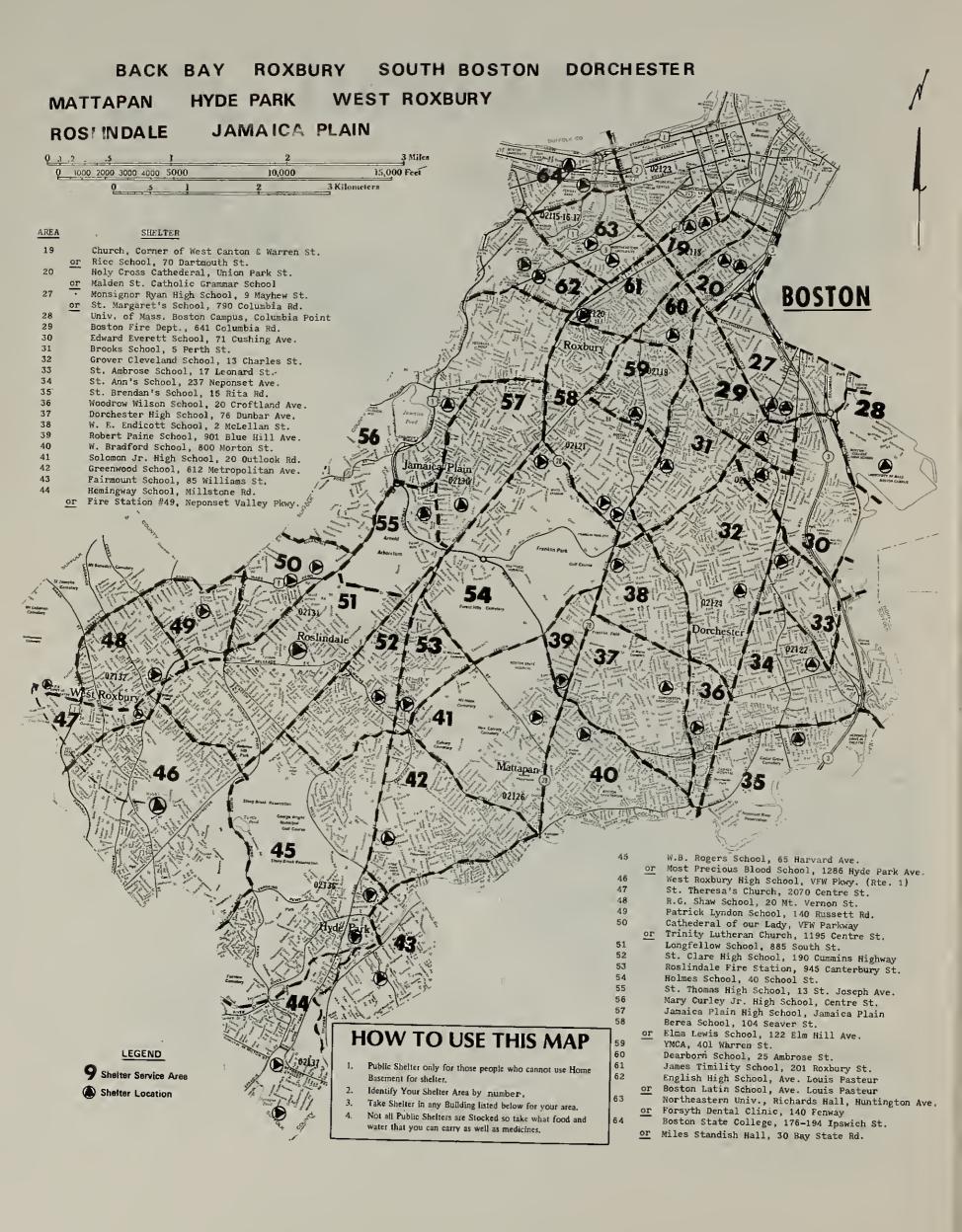
HOW TO USE THIS MAP

- Public Shelter only for those people who cannot use Home Basement for shelter.
- Identify Your Shelter Area by number.
- Take Shelter in any Building listed below for your area.
- Not all Public Shelters are Stocked so take what food and water that you can carry as well as medicines.

Shelter

Registry of Motor Vehicles, 100 Nashua St. Mass. General Hospital, Charles St. 146-154 Causeway St. Paul Revere School, 55 Prince St., North End. St. Anthony's School, 18 North Bennett St. Christopher Columbus High School, No. Bennett St. JFK Federal Building, Cambridge St., Gov't. Center. U.S. Post Office, Post Office Sq. Filene's Dept. Store, Washington St. Parker House Hotel, Tremont St. Masonic Hall, Tremont St. Jordan Marsh Dept. Store, Washington St. Albany Bldg., 11B Kneeland St. South Station, Summer St. Don Bosco High School, 29 Warrenton St. John Hancock Building., Berkelcy St. Prudential Center, Boylston St. Trinity Church, Copley Square. Church of the Covenant, 67 Newbury St.

State Office Bldgs., Government Center. Court House, Pemberton Square. Under-Common Garage, Boston Common.

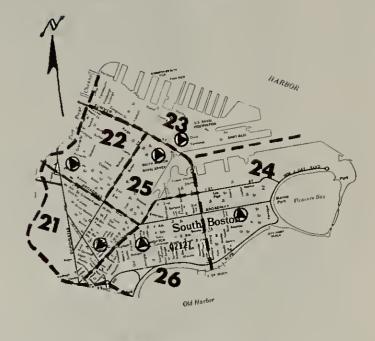


ALLSTON-BRIGHTON

BOSTON

SOUTH BOSTON





Area	Shelter Sheller
21	P. Galvin School, 215 Dorchester Ave.
22	Archbishop Cushing School, 4B W. Broadway
23	South Naval Annex, Bldg. #32, 7th St.
24	St. Bridget's Roman Catholic Church, 845 East Broadway
25	Fargo Bldg., 498 Summer St.
26	South Boston High School, 93 Thomas Park Sq.

ALLSTON - BRIGHTON

Area		Shelter
65		St. Anthony's School, 59 Holton St.
66		Faneuil Branch, Boston Public Library, Faneuil St.
	or	Fire Dept., 51 Faneuil St.
67		Brighton High School, 25 Warren St.
68		H. Baldwin School, Corey Rd.



LEGEND

68 Shelter Service Area Shelter Location

HOW TO USE THIS MAP

- Public Shelter only for those people who cannot use Home
- Identify Your Shelter Area by number or letter.

Area

Take Shelter in any Building listed below for your area. Not all Public Shelters are Stocked so take what food and water that you can carry as well as medicines.

Shelter

Carter School, Forsythe St. Forbes Building, 1 Forbes St. Shurtleff School, 76 Shurtleff St. Chelsea High School, 10 Clark St. Chelsea Naval Hospital.



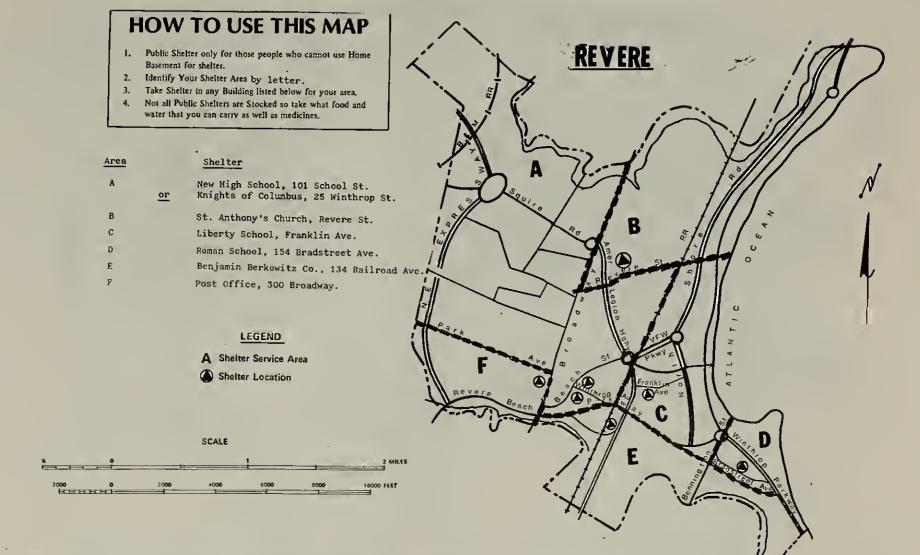


LEGEND

A Shelter Service Area Shelter Location



SCALE 2000 g





FACTS ABOUT A NUCLEAR EXPLOSION

If you are in an unprotected area near where a nuclear weapon explodes, you could not survive the effects of the blast and heal generated by the explosion. After the explosion, the major danger is from radiation sickness caused by radioactive fallout. This falloul

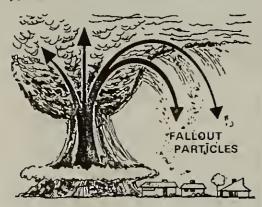
can endanger the life and health of people outside the high risk area. However, protective measures can be taken to safeguard you and your family from the effects of nuclear fallout.

This section describes what fallout is and how to protect yourself against its effects.

WHAT CAUSES FALLOUT...

When a nuclear weapon explodes, great quantities of earth and other debris are sucked up into a nuclear cloud. The bits and particles of earth are mixed with the radioactive materials produced by the explosion and become "radioactive."

Within a short time, these fallout particles drift back to earth. Car-ried by the wind, they can spread over a large area far from the ex-plosion site.

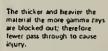


The particles may look like fine grains of sand, but the gamma rays they give off cannot be seen. (Special instruments are required to detect the rays and measure their intensity.) The particles can be swept, brushed, or washed off.

The gamma rays can pass through light materials. A considerable thickness of heavy material is required to stop the penetration of these rays.



imma radiation can penetrate sterials. It loses some of its ength, however, when it





The important points to remember about the danger of fallout are

- You cannot see the gemma rays given off by fallout particles.
 Gamma radiation can penetrate light materials, therefore, heavy clothing alone will not protect you from these rays. If fallout particles should get on your skin, they should be brushed off to avoid skin burns.
 Radiation is more dangerous to very young, very old or sick people than to those in good health.
 A large dose of radiation received in a short period is more damaging than smaller doses received over a longer period.
 Radiation sickness is not contagious and cannot be passed from one person to another.

HOW TO PROTECT AGAINST FALLOUT

Radiation loses its strength:

- With the passage of lume
 As it passes through materials
 As the distance from the perticle is increased

The best protection is to surround yourself with heavy materials. A fallout shelter will give you this kind of protection.

A fallout shelter does not need to be a special type of building. Any building will provide some level of protection. If the walls and roof are thick or heavy enough to absorb many of the rays given off by the particles outside, then better protection can be obtained. Even caves and mines can provide protection.

The key fact to remember is the farther you are from radioactive fallout particles, the saler you are from radiation. For example, you have more protection in a basement than on the top floor of a building. Likewise, there is more protection in an inner corridor of an above-grade structure than near an outside wall.

WHY FALLOUT IS DANGEROUS...

The gamma rays given off by radioactive fallout particles can cause physical and chemical changes in the cells of the body, causing radiation sickness. No special clothing can protect you from the rays and there is no known drug or chemical that can prevent radiation from damaging the cells of the body. Large doses of radiation will cause death. But if you receive small or medium doses, the body will repair itself and you will get well.

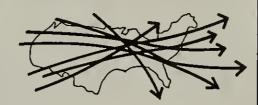
The amount of gamma radiation that you can tolerate depends on a number of factors. The effects of radiation are more severe in very young or very old persons and those not in good health. Also, a single large dose received in a short period of time is more damaging than the same dose received over a longer period. People exposed to radiation DO NOT BECOME RAOIOACTIVE and consequently are not dangerous to other people. Radiation sickness is NOT contagious and one person cannot inlect another.

WHO WILL NEED FALLOUT **PROTECTION**

There is no way of predicting in advance where or how soon fallout will settle to the ground. This depends on the weather and on the direction and speed of the winds.

Areas close to a nuclear explosion might receive fallout within 20 or 30 minutes. Depending on the winds, it may take 5 to 10 hours for particles to drift down on communities 100 miles or more from the

The heavier particles giving off the most intense radiation will fall first. The lighter particles falling later will have lost much of the radiation high in the atmosphera. The first 24 hours after the fallout begins to settle are the most dangerous. The radiation from the particles loses its strength over time. The longer you are in a shelter, the lower the outside radiation levels will be whan you emerge.



After e nuclear attack, dangerous levels of fallout COULD occur any place in the United States. Everyone, therefore, must have protection in case fallout occurs in his community.

FALLOUT SHELTER

Many larger buildings have been designated as public fallout shellers. They are marked by signs like this:



BOATS FOR PROTECTION

If no better fallout protection is available, a boat with an enclosed cabin could be used. However, in addition to emergency supplies such as food, drinking water and a battery-powered radio, you should have aboard the items you would need (a broom, bucket, or pump-and-hose) to sweep off or flush off any fallout particles that might collect on the boat.

The boat should be anchored or cruised slowly at least 200 feet off-shore, where the water is at least 5 feet deep. This distance from shore would protect you from radioactive fallout particles that had fallen on the nearby land. A 5-foot depth would absorb the radiation from particles falling into the water and settling on the bottom.

If particles drift down on the boat, stay inside the cabin most of the time. Go outside now and then, and sweep or flush off any particles that have collected on the boat.

ON A FARM

You should place as much of your livestock and produce in barns as you can. A normally filled hayloft affords some shielding from fallout radiation for animals below. Farm machinery, troughs, wells, and any produce you cannot get into barns should be covered with tarpaulins. You should store as much water in covered containers as you can, taking precautions already outlined. Radiation harms only living creatures; therefore, food, water, etc., would be safe if covered.

Afterward, any livestock exposed to fallout could be washed or brushed to remove fallout particles. Water from wells and streams would be safe for animal use.

Animals which have been exposed to early fallout or which have fed on contaminated pastures could be slaughtered and the muscle meat would be fit for human consumption. Internal organs, however, such as the liver and spleen, should not be eated unless no other food is available.

Chickens and eggs would be a particularly important direct food resource because they are relatively resistant to radiation, especially if they are raised under cover using safe packaged feeds.

Milk from cows that have grazed on contaminated pastures would be radioactive, but in the absence of other food in an emergency, it could be used.

Potatoes, corn and other field crops exposed to early fallout would be safe to eat after cleaning.

Your County agent can help you decide what crops, pasturage and methods will be best and safest to use. Seeds of all sorts are quite resistant to radiation and do not require any special protection.

For additional information refer to U.S. Dept. of Agriculture Farmers' Bulletin No. 2107.





YOUR FAMILY EMERGENCY PLAN

Fill out the family emergency plan below. This will show each member of your family WHERE TO GO and WHAT TO DO in case of nuclear attack. Enter the names of all members of your family in boxes at the left. Write in the name and location of the building where each person will take shelter in the two right-hand columns.

NAME	IF AT WORK, or AT SCHOOL TAKE SHELTER AT:	IF AT HOME TAKE SHELTER AT

For further assistance on more information, call your local Civil Defense Director. If you cannot contact your local office, call the State Civil Defense Office in the area in which you live:

Area 1	Area 3
851-7251	366-5321
944-1184	366-2139
Area 2	Area 4
697-3111	323-6306
697-3600	323-5055

