ATLAS OF ESSENTIAL WILDLIFE HABITATS FOR MAINE'S ENDANGERED AND THREATENED SPECIES

The Essential Wildlife Habitat maps in this Atlas are intended for use only with Maine's Endangered Species laws and regulations (12 MRSA and Chapter 8.05). Locations of other Endangered Species habitats, Significant Wildlife Habitats, rare plants and natural communities, or other important natural resources are not included.

2000 EDITION

Valid through December 31, 2000

Maine Department of Inland Fisheries and Wildlife
284 State Street
Augusta, Maine 04333

Cover Illustration
Bald Eagle (*Haliaeetus leucocephalus*) with young at nest.
by Mark McCollough, 1984

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ATLAS OF ESSENTIAL WILDLIFE HABITATS FOR MAINE'S ENDANGERED AND THREATENED SPECIES

2000 Edition
Valid through December 31, 2000

This Atlas contains reduced copies of all Essential Wildlife Habitat maps currently adopted for Maine. It is intended to serve as a convenient reference and guide. Full-size copies of maps are located in the appropriate town, DIFW, DEP, DMR, and LURC offices, and should always be consulted when the most accurate information is needed. These Essential Wildlife Habitat maps are for use **only** with Maine's Endangered Species laws and regulations (12 MRSA and Chapter 8.05). Locations of other Endangered Species habitats, Significant Wildlife Habitats, rare plants and natural communities, or other important natural resources are **not** included.

Maine Department of Inland Fisheries and Wildlife
284 State Street
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INTRODUCTION

Maine's fish and wildlife are a valuable public resource, yet some species are in danger of becoming extinct within the State. The Maine Legislature recognized this by passing the Maine Endangered Species Act (12 MRSA, Chapter 713, subchapter V) in 1975. The Act (Appendix A) includes provisions authorizing the Commissioner of the Maine Department of Inland Fisheries and Wildlife (DIFW) to designate "Essential Habitat" for species listed as Endangered or Threatened (Appendix B), and to develop protection guidelines for these areas.

Essential Wildlife Habitats are "areas currently or historically providing physical or biological features essential to the conservation of an Endangered or Threatened Species in Maine and which may require special management considerations". As required under the Maine Endangered Species Act, **a state agency or municipal government shall not permit, license, fund, or carry out projects that will significantly alter an Essential Habitat or violate protection guidelines adopted for the habitat**. Activities of private landowners are not affected by this law unless they require a state or municipal permit or license, or are funded or carried out by a state agency or municipality.

To date, Essential Habitats have been designated for the Bald Eagle, Roseate Tern, Piping Plover and Least Tern (Appendix C). Additional listed species may receive attention in the future. Criteria for designating sites as Essential Habitat, protection guidelines listing the types of projects which must be reviewed by the Department, and factors considered during DIFW project evaluations are adopted in Inland Fisheries and Wildlife Rules (Chapter 8.05). These Essential Habitat Rules are printed in their entirety beginning on page 4.

Examples of projects requiring DIFW evaluation when occurring within a designated Essential Habitat include:

- subdivision of land
- construction or alteration of buildings, waste-water systems, or utilities
- conversion of seasonal dwellings to year round
- exemption to minimum lot size requirements
- construction or relocations of roads
- exploration or extraction of minerals
- alteration to wetlands, submerged bottomlands, or shoreland zones
- installation of docks, moorings, or aquaculture facilities

Examples of projects that are **exempt** from DIFW evaluation include:

- emergency repairs to existing structures and utilities
- emergency activities necessary for public health and safety
- interior repairs and construction
- any project not requiring a permit or license from, or funded or carried out by, a state agency or municipality

Landowners, project planners, municipalities or state agencies considering a project in or near an Essential Habitat should immediately contact a DIFW Regional Wildlife Biologist (Figure 1) for assistance. **Early consultations will help to minimize or avoid any potential conflicts that might otherwise arise during the final project review, and will facilitate cooperation between all parties**. A project must not significantly alter an Essential Habitat or violate protection guidelines. If it will, the state agency or municipal government may not issue a permit or license for the project.

This Atlas contains reduced copies of all Essential Wildlife Habitat maps currently adopted for Maine. It is valid through December 31, 2000 and is intended to serve as a convenient reference and guide. (**An index to the maps by township name can be found on page 17.**) Full-size copies of maps are located in the appropriate municipal, DIFW, Department of Environmental Protection (DEP), Land Use Regulation Commission (LURC), and Department of Marine Resources (DMR) offices, and should always be consulted when the most accurate information is needed. **Essential Habitat maps may be revised annually**, and users should be certain the most recent version of the Atlas or any individual map is consulted. A list of all Essential Wildlife Habitat maps and their effective dates current through December 31, 2000 is included in Appendix D.

If a project falls partly or wholly within a designated Essential Habitat and it requires a permit or license from, or is carried out or funded by a state or municipal government, it must be evaluated by the DIFW before a decision can be issued. A request for evaluation is initiated when the town or state agency reviewing or proposing the project submits a "Request For Project Evaluation" (DIFW Form EHR5/95) with the required attachments. A copy of this form (which may be reproduced) and instructions for completing it are included in this Atlas.

The Essential Wildlife Habitat maps in this Atlas are intended for use only with Maine's Endangered Species laws and regulations (12 MRSA and Chapter 8.05). Locations of other Endangered Species habitats, Significant Wildlife Habitats, rare plants and natural communities, or other important natural resources are not included. Information about these other resources can be obtained by contacting the following agencies:

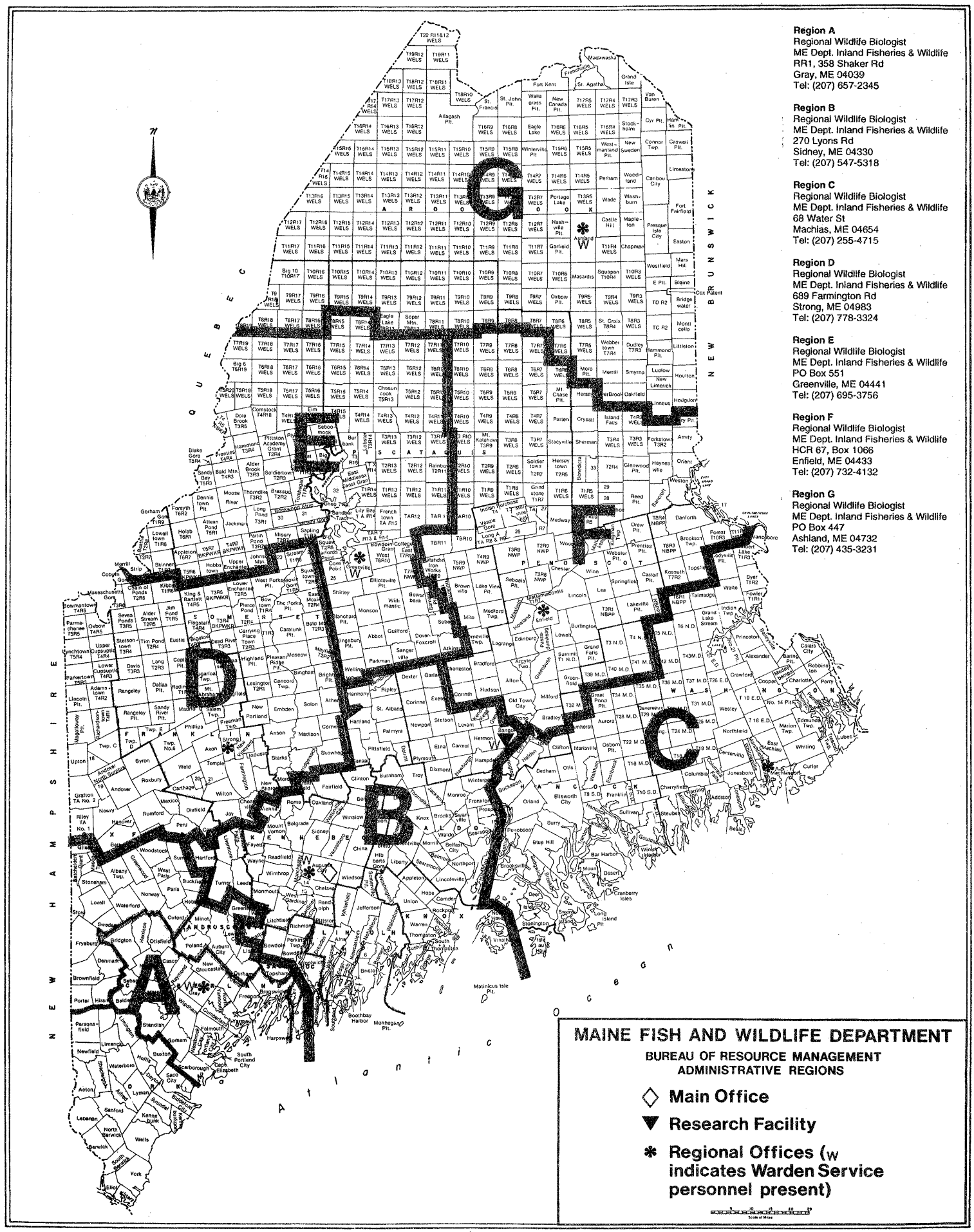
Wildlife Information:

Maine Department of Inland Fisheries and Wildlife
284 State Street, State House Station #41
Augusta, Maine 04333
Tel: (207) 287-5226

Rare Plants and Natural Communities:

Maine Natural Areas Program
Maine Department of Conservation
159 Hospital Street, State House Station #93
Augusta, Maine 04333-0093
Tel: (207) 287-8044

FIGURE 1. MDIFW Regional Office Directory



STATE OF MAINE
INLAND FISHERIES AND WILDLIFE RULES

Chapter 8.05 Essential Habitat for Species Designated as Endangered or Threatened.

The following areas, identified as currently or historically providing physical or biological features essential to the conservation of an Endangered or Threatened Species and requiring special management considerations, and the management guidelines for the protection of these areas, are adopted in accordance with the provisions of Title 12, §§7754 (2,3) and 7755-A (1,2,3). The Commissioner has identified and mapped such habitats as depicted on the maps entitled "Essential Habitat For Endangered And Threatened Species" which are incorporated herein.

A. Bald Eagle Nest Site

1. Purpose

To provide special protection to maintain breeding habitat and to prevent disturbance which may cause nesting failure of bald eagles. Protection is focused on the nest site.

2. Definitions

When used in this section, the following words and terms shall have the following meaning:

a. **Nesting area**. "Nesting area" means a locality containing one or more nest sites and that has been used by a pair of nesting bald eagles.

b. **Occupied**. "Occupied" means the presence of one or a pair of adult eagles, eagle eggs, or eagle chicks any time between March 1 - July 15.

c. **Project**. "Project" means a planned undertaking, newly initiated or reinitiated.

3. Designation Criteria

Bald eagle nest sites identified and mapped by the Commissioner of Inland Fisheries and Wildlife as Essential Habitat must be within a nesting area occupied in at least one of the three most recent years and have either a nest that has existed for two consecutive years, or the only existing nest in that nesting area. Bald eagle nest sites designated as Essential Habitat will be deleted as follows:

a. All nest sites in the nesting area will be deleted if a nesting area has not been occupied, as defined, at any time during the most recent five years.

b. An individual nest site within an active nesting area will be deleted if a nest structure has not existed at any time during the most recent five years or the Commissioner determines that the site is no longer suitable nesting habitat.

4. Protection Guidelines

a. Projects Prohibited Without the Commissioner's Approval

Any project requiring a permit or license from, or to be funded or carried out by, a state agency or municipal government partly or wholly within a bald eagle nest site designated as Essential Habitat shall not be permitted, licensed, funded, or carried out unless the Commissioner determines that the activity will not significantly alter or unreasonably harm the essential nesting habitat. Projects that may be affected include, but are not limited to: subdivision of land or buildings; construction, installation, expansion, alteration or repair of permanent structures; agricultural management; mineral exploration and extraction; forest management; road projects and construction; shoreland alteration; utility construction; water crossing; water impoundment; aquaculture; conversion of seasonal dwelling; installation of subsurface wastewater disposal system; and issuance of an exemption of the minimum lot size requirement.

b. Exemptions

The following activities are exempted from the requirements of this paragraph.

1) Projects limited to repairs, maintenance and alterations to the interior of an existing structure.

2) Emergency repairs to existing structures and utilities which due to unforeseen circumstances require immediate action.

3) Emergency activities which due to unforeseen circumstances require immediate action for public health or safety.

4) Licenses and permits to operate or occupy a completed project.

5) Projects that address the protection of the Essential Habitat and the Endangered and Threatened Species and are conducted as part of a Department Wildlife Management Area Plan or Species Management Plan, or a Land Use Regulation Commission Resource Protection Plan (P-RP) to which the Department is a party, provided that the parties of the agreement perform according to its terms.

5. Significant Alteration of Habitat

In determining whether a project significantly alters or unreasonably harms essential nesting habitat, the following factors will be considered:

a. Magnitude and time of year of noise and human activity generated by the project.

b. Physical alteration to the landscape.

c. Destruction of or alteration to key habitat components such as perch trees, roost trees, and foraging areas.

d. Reduction in the seclusion of the nest site and adjacent shoreland area.

e. Demonstrated tolerance of the particular eagles to human activity and disturbance.

f. Reduction in the future suitability of the nest site to bald eagles.

B. Roseate Tern Nesting Area

1. Purpose

To provide special protection to maintain breeding habitat and to prevent disturbance which may cause nesting failure of roseate terns. Protection is focused on the nesting area.

2. Definitions

When used in this section, the following words and terms shall have the following meaning:

a. **Nesting area**. "Nesting area" means a locality encompassing an island or portion of an island used by at least one pair of nesting roseate terns.

b. **Nesting**. "Nesting" means the presence of one or more nests, eggs, chicks, or pairs of territorial adult terns between May 15 - August 15.

c. **Project**. "Project" means a planned undertaking, newly initiated or reinitiated.

3. Designation Criteria

Roseate tern nesting areas identified and mapped by the Commissioner of Inland Fisheries and Wildlife as Essential Habitat must:

a. Have a record of at least one pair of nesting roseate terns since 1930,

b. Have suitable habitat as indicated by the presence of nesting common, arctic, or roseate terns in at least any 3 years since 1976, and

c. Be considered essential to the achievement of the Department's management goals and objectives for roseate terns.

Roseate tern nesting areas designated as Essential Habitat will be deleted if:

a. The nesting area has not been occupied by any nesting pairs of common terns, arctic terns, or roseate terns during the most recent 10 years, and the lack of occupancy is not related to predation or competition from other species, or to any human-related activity, or

b. The nesting area is no longer considered essential to the achievement of the Department's management goals and objectives for roseate terns.

4. Protection Guidelines

a. Projects Prohibited Without the Commissioner's Approval

Any project requiring a permit or license from, or to be funded or carried out by, a state agency or municipal government partly or wholly within a roseate tern nesting area designated as Essential Habitat shall not be permitted, licensed, funded, or carried out unless the Commissioner determines that the activity will not significantly alter or unreasonably harm the Essential Habitat. Projects that may be affected include, but are not limited to: Subdivision of land or buildings; construction, installation, expansion, alteration or repair of permanent structures; agricultural management; mineral exploration and extraction; forest management; road projects and construction; shoreland alteration; utility construction; water crossing; water impoundment; dredging; aquaculture; conversion of seasonal dwelling; installation of subsurface wastewater disposal system; and issuance of an exemption of the minimum lot size requirement.

b. Exemptions

The following activities are exempted from the requirements of this paragraph.

1) Projects limited to repairs, maintenance and alterations to the interior of an existing structure.

2) Emergency repairs to existing structures and utilities which due to unforeseen circumstances require immediate action.

3) Emergency activities which due to unforeseen circumstances require immediate action for public health or safety.

4) Licenses and permits to operate or occupy a completed project.

5) Projects that address the protection of the Essential Habitat and the Endangered and Threatened Species and are conducted as part of a Department Wildlife Management Area Plan or Species Management Plan, or a Land Use Regulation Commission Resource Protection Plan (P-RP) to which the Department is a party, provided that the parties of the agreement perform according to its terms.

5. Significant Alteration of Habitat

In determining whether a project significantly alters or unreasonably harms essential nesting habitat, the following factors will be considered:

a. Magnitude and time of year of noise and human activity generated by the project.

b. Physical alteration to the landscape of the uplands, waters, and submerged lands.

c. Destruction of or alteration to key habitat components such as island vegetation, nesting and roosting substrate, and foraging areas.

d. Increase in disturbance by humans, and in predation or competition by other species.

e. Demonstrated tolerance of terns at the site to human activity and disturbance.

f. Reduction in the future suitability of the nesting area to nesting roseate terns.

C. Piping Plover And Least Tern Nesting, Feeding, And Brood-Rearing Areas

1. Purpose

The purpose of Essential Habitat designation for piping plovers and least terns is to: 1) provide special protection to maintain nesting, feeding, and brood-rearing habitats essential to the conservation of these species; and 2) minimize human-related disturbance that can cause nesting failure of these species. Protection is focused on the coastal wetlands and coastal sand dune systems used by nesting piping plovers or least terns.

This rule is not intended to, and shall not be interpreted to: 1) preclude rebuilding of existing structures in accordance with implementation of the coastal sand dune regulations (38 MRSA, Sect. 480-A (Q) and Chapter 355 of Department of Environmental Protection Rules), nor 2) preclude recreational uses in practice at the time an area was designated as Essential Habitat and that are otherwise allowed by law.

2. Definitions

When used in this section, the following words and terms shall have the following meaning:

a. **Nesting**. "Nesting" means the presence of one or more nests, eggs or chicks of piping plovers or least terns.

b. **Nesting, feeding, and brood-rearing area**. "Nesting, feeding, and brood-rearing area" means a locality encompassing portions of coastal wetlands and coastal sand dune systems (including subtidal, intertidal and beach and associated salt marshes and wetlands) used by at least one pair of nesting piping plovers or least terns.

c. **Project**. "Project" means a planned undertaking, newly initiated or reinitiated.

3. Designation Criteria

Piping plover and least tern nesting, feeding, and brood-rearing areas identified and mapped by the Commissioner of Inland Fisheries and Wildlife (IF&W) as Essential Habitat must:

a. Have a record of nesting by at least one pair of piping plovers or least terns since 1986, and

b. Be considered essential to the achievement of the Department's management goals and objectives for piping plovers or least terns.

Piping plover and least tern nesting, feeding, and brood-rearing areas designated as Essential Habitat will be deleted if:

a. The area has not been occupied by any nesting pairs of piping plovers or least terns during the most recent 10 years and the lack of occupancy is not related to predation or

competition from other species, or to any human-related activity; or

b. The area is no longer considered essential to the achievement of the Department's management goals and objectives for piping plovers or least terns.

4. Interpretation of Essential Habitat Area Boundaries

The following guidelines shall be used to interpret mapped Essential Habitat boundaries:

a. In shaded areas, boundary lines are delineated in greater detail on composite aerial photographs (see "Boundary Line Detail Photos For Piping Plover And Least Tern Essential Habitat", prepared in November, 1994). Copies of these photographs are available for viewing at town offices in affected municipalities; Maine Department of Inland Fisheries and Wildlife offices in Gray, Augusta, and Bangor; and Maine Department of Environmental Protection offices in Portland and Augusta; or they may be purchased from: Essential Habitat Maps, Wildlife Assessment Section, 650 State Street, Bangor, Maine 04401-5654.

Outside of shaded areas, the lines on the maps indicate the boundaries. Where a line is solid, the line on the map determines the boundary, and the inside of the line is the edge of the boundary. Where a line is dashed, the boundary is determined by the edge of the coastal wetlands as defined by 38 MRSA, Sect. 480-B. Cross-hatched areas are not part of the Essential Habitat.

b. Where a boundary line follows a seawall or similar protective structure, only the beach area on the seaward side is intended to be included within the Essential Habitat: neither the seawall itself nor the property behind it are part of the Essential Habitat.

5. Protection Guidelines

a. Projects Prohibited Without the Commissioner's Approval

Any project requiring a permit or license from, or to be funded or carried out by, a state agency or municipal government partly or wholly within a piping plover and least tern nesting, feeding, and brood-rearing area designated as Essential Habitat shall not be permitted, licensed, funded, or carried out unless the Commissioner determines that the project will not significantly alter the Essential Habitat.

Examples of projects that may be affected include, but are not limited to: subdivision of land or buildings; construction, installation, expansion, alteration or repair of permanent structures; mineral exploration and extraction; road projects and construction; dredging; bulldozing; removing or displacing soil, sand, vegetation, or other materials; draining or otherwise dewatering; filling, including adding sand or other material to a coastal sand dune; beach nourishment projects; dune restoration projects; utility construction; water crossing; water impoundment; aquaculture; installation of subsurface wastewater disposal system; and issuance of an exemption to the minimum lot size requirement.

Projects located wholly outside an area designated as Essential Habitat, regardless of whether some other portion of the lot or parcel of land is within the Essential Habitat, are not affected by this rule.

Licensed activities which are not considered projects and therefore are not affected by this rule include, but are not limited to: recreational hunting and fishing, shellfish harvesting, sulky driving, dog ownership, and motor vehicle and boat operation.

b. Exemptions

Within areas designated as Essential Habitat, the following projects are exempted from the requirements of this paragraph:

1) Emergency repairs to existing utilities and structures, including roads and seawalls that, due to unforeseen circumstances, require immediate action and do not require a coastal sand dune permit under 38 MRSA, Section 480-A, Q.

2) Emergency activities that, due to unforeseen circumstances, require immediate action for public health or safety.

3) Licenses and permits to operate or occupy a completed project.

4) Projects limited to repairs, maintenance, and alterations to the interior of an existing structure.

5) Projects that address the protection of the Essential Habitat and the Endangered or Threatened Species and are conducted as part of a Department Management Area Plan or Species Management Plan, or a Land Use Regulation Commission Resource Protection Plan (P-RP) to which the Department is a party, provided that the parties of the agreement perform according to its terms.

6) Municipal licenses or permits for a project for which the Department, through another permitting process, has already found no significant alteration of the habitat or violation of protection guidelines for the Essential Habitat as currently mapped.

c. Review Process

For projects located partly or wholly within Essential Habitat as defined by 12 MRSA, §7754 and this chapter, it is the responsibility of the state agency or municipality considering the permit or license application, or funding or carrying out the project, to obtain the Department's review. Forms entitled "Request For Project Evaluation" will be provided by the Department. Upon receiving a Request For Project Evaluation, the Department will provide an evaluation of whether the project would significantly alter the Essential Habitat or violate the Department protection guidelines as set forth in 12 MRSA, §7755-A(1). If the proposed project will significantly alter Essential Habitat or violate the protection guidelines, and if a variance is sought, the Commissioner will determine whether a certification of no significant risk to the population, as described in 12 MRSA, §7755-A(2) can be issued.

6. Significant Alteration of Habitat

In determining whether a project significantly alters essential nesting, feeding, and brood-rearing habitat for piping plovers and least terns, the following factors will be considered:

a. Magnitude and time of year of noise and human activity generated by the project;

b. Within the area designated as Essential Habitat, destruction, alteration, or degradation of a portion of a coastal wetlands or coastal sand dune system (including subtidal, intertidal and beach and associated salt marshes and wetlands) which will adversely affect the Essential Habitat;

c. Increase in disturbance by humans and their pets, or increased predation (or attraction of predators) or competition from other species; and

d. Reduction in the future suitability of the nesting, feeding, and brood-rearing habitat for piping plovers and least terns.

AUTHORITY: Title 12, MRSA, Sections 7035, 7753, 7754

REVIEW PROCESS FOR PROJECTS THAT MAY BE AFFECTED BY ESSENTIAL HABITAT RULE

These are the steps a municipality or state agency must take to address **Essential Habitat** concerns when reviewing or proposing projects within their jurisdiction.

1. DETERMINE IF THE PROPOSED PROJECT IS IN OR NEAR AN ESSENTIAL HABITAT.

Consult the official Essential Habitat maps. Reduced copies of these maps and an index by town name are included in this Atlas. Please contact the DIFW Regional Wildlife Biologist (Figure 1) if you need assistance verifying a project location relative to an Essential Habitat. If the proposed project is located partly or wholly within an Essential Habitat, go on to Steps 2-3. If the proposed project is clearly outside an Essential Habitat, these regulations and review procedures do **not** apply.

2. CONSULT WITH THE DIFW REGIONAL WILDLIFE BIOLOGIST.

Encourage the applicant to obtain DIFW guidance during project planning and design. Municipalities and state agencies should request assistance from the Regional Wildlife Biologist during initial project reviews and **before** seeking final DIFW evaluation. Early involvement of the DIFW will help to minimize or avoid any potential conflicts, and facilitate cooperation between all parties.

3. SUBMIT A "REQUEST FOR PROJECT EVALUATION" TO THE DIFW.

If the project meets municipal or state review standards and is recommended for approval by the town or state, an evaluation of the **final** proposal must be obtained from the DIFW before a decision can be issued. Town or state officials request an evaluation by submitting a "Request for Project Evaluation" (DIFW Form EHR5/95) with the required attachments provided by the applicant. A copy of this form and instructions for completing it are included in this Atlas.

The DIFW will evaluate the final project proposal according to review standards established for Essential Habitats, and determine if the project would significantly alter the habitat or violate protection guidelines. Site visits and discussions with the project applicant will be necessary if they have not previously occurred.

The DIFW will notify the town or state agency of the results of its evaluation. The town or state agency issues a decision based on the Department's evaluation and notifies the project applicant.

INSTRUCTIONS FOR COMPLETING FORM EHR5/95

"REQUEST FOR PROJECT EVALUATION"
ESSENTIAL HABITATS OF ENDANGERED AND THREATENED SPECIES

Formal DIFW review of projects proposed within Essential Habitats is initiated upon submission of a "**Request For Project Evaluation**" (Form EHR5/95) by a state agency or municipality. Both the project applicant and the agency or municipal official reviewing the project must provide information on the form.

Please read the following instructions carefully before completing a request form. Contact the DIFW Regional Wildlife Biologist if you have questions or require assistance.

1. **Please type or print**. Illegible or incomplete forms will be returned.

2. The **project applicant**[1] must complete **Section A** and provide the reviewing agency or municipality with **3 copies** of the following items:

   a. a photocopy of that portion of the official DIFW Essential Habitat map that denotes the affected Essential Habitat and clearly shows project boundaries; and

   b. a copy of the **final** project application, permit, and/or license as recommended for approval by the town or state. If none of these items exist for the project, a site map must be provided (scale: 1" = 200').

   Additional project documentation is generally not required but, if included, may enable a more rapid review by the Department.

3. An appropriate **representative of the state agency or municipality** reviewing or proposing the project must complete **Section B** and ensure that all information and attachments required from the applicant are provided.

[1]In cases where a state agency or municipality is proposing to fund or carry out a project within an Essential Habitat, the agency or municipality is considered the project applicant.

4. The completed form and all attachments should be sent to:

ATTN: ESSENTIAL HABITAT REVIEW
Maine Department of Inland Fisheries and Wildlife
c/o Environmental Coordinator
284 State Street, State House Station #41
Augusta, Maine 04333

5. The reviewing agency or municipality and the project applicant should each retain a copy of the completed form and all attachments. This will facilitate response to any additional inquiries from DIFW staff during the project evaluation.

The completed "Request For Project Evaluation" and all attachments will be retained on file by the DIFW and referenced to ensure that approved projects are carried out as described. **Projects that deviate from information provided on the form may be referred to the State Attorney General's Office as possible violations of the Maine Endangered Species Act**.

ADDITIONAL COPIES OF THE "REQUEST FOR PROJECT EVALUATION" (FORM EHR5/95) ARE AVAILABLE FROM ALL DIFW OFFICES

REQUEST FOR PROJECT EVALUATION

ESSENTIAL HABITATS OF ENDANGERED AND THREATENED SPECIES
MAINE DEPARTMENT OF INLAND FISHERIES AND WILDLIFE

DIRECTIONS: Please type or print; illegible or incomplete forms will be returned. Send this request and attachments to:

ATTN: ESSENTIAL HABITAT REVIEW
Maine Department of Inland Fisheries and Wildlife
c/o Environmental Coordinator
284 State Street, State House Station #41
Augusta, Maine 04333

SECTION A (to be completed by project applicant)

1. Name of project applicant: _____
   Mailing address: _____
   _____ Telephone: _____

2. Name of property owner: _____
   Mailing address: _____
   _____ Telephone: _____

3. Project location: Town Tax Map #_____ Lot #_____
   Township: _____ County: _____

4. Are permit(s) or license(s) required for this project? _____yes _____no. If yes, please list: _____
   _____

5. Attachments. The following items must be sent **in triplicate** with this form:
   a. a photocopy of that portion of the official DIFW map that denotes the affected Essential Habitat and clearly shows project boundaries (maps are available in all DIFW offices, offices of affected towns, and most DEP, LURC, and DMR offices; **and**
   b. a copy of the **final** project application, permit, and/or license as recommended for approval; if none of these items exist for the project, the applicant must provide a site map (scale: 1" = 200')

   Additional project documentation is generally not required but, if included, may enable a more rapid review by the DIFW.

6. Are any of the following activities associated with the project?

a. subdivision plan or residential development?	_____no	_____yes
b. exterior construction or repair of buildings?	_____no	_____yes
c. road or trail construction or maintenance?	_____no	_____yes
d. recreational activities?	_____no	_____yes
e. alteration of soils or vegetation?	_____no	_____yes
f. timber harvests or forest management?	_____no	_____yes
g. agriculture or agricultural management?	_____no	_____yes
h. alterations to wetlands, open waters, submerged lands, dunes, islands, or alpine areas?	_____no	_____yes
i. modifications to shoreland zones (uplands within 250 feet of any wetland or water body)?	_____no	_____yes

SEE REVERSE: APPLICANT MUST COMPLETE SECTION A

Form EHR5/95 (Maine Dept. of Inland Fisheries and Wildlife)

Section A (continued)

7. Briefly describe the nature and extent of project activities. Address <u>each</u> item answered by a "yes" in the previous question and provide details of those activities proposed within the Essential Habitat. (If additional space is needed, complete on a separate page and attach to this form.): _____

8. What are the starting and ending dates of the project? If applicable, give dates for on-site planning, construction, and operational phases. _____

9. Please summarize and attach any additional facts regarding this project you wish to bring to the attention of the DIFW.

10. I certify that the information described within this form is complete and accurate to the best of my knowledge and belief.

Signature: _____ Date: _____

SECTION B (to be completed by agency or municipal representative)

1. Name of agency/municipality: _____
Mailing address: _____
_____
Contact individual: _____
Title: _____ Telephone: _____

2. This agency/municipality finds the project described herein meets our criteria for approval, but is partly or wholly within a designated Essential Habitat. I hereby request evaluation by the DIFW to determine if the project would significantly alter the Essential Habitat or violate protection guidelines adopted for the habitat.

Signature: _____ Date: _____

SECTION C (for use by the DIFW only)

Received by: _____ Date: _____
EHR#: _____ EH#: _____ Region: _____ CD: _____
EO#: _____ Town: _____ Agency: _____ Type: _____

INDEX TO ESSENTIAL WILDLIFE HABITATS BY TOWN

TOWN NAME	MAP NAME	ESSENTIAL HABITAT ID#
Adamstown Twp	Oquossoc	BE225A
Addison	Addison	BE052E, BE127B, BE195A, BE195B
	Drisko Island	BE051E, BE196A, RT021
	Harrington	BE049FG, BE167BC
Alna	Damariscotta	BE212A, BE212B
	Wiscasset	BE212A, BE212B
Argyle Twp	Greenbush	BE184A, BE184B
Baileyville	Calais	BE266A
	Kelleyland	BE117A
	Tomah Ridge	BE140C
	Woodland	BE266A
Bar Harbor	Bar Harbor	BE241A
	Newbury Neck	BE201A, BE201B
	Salsbury Cove	BE028B, BE028D
Baring Plt	Meddybemps Lake East	BE132A, BE132B
Bath	Bath	BE011A, BE011F
Beals	Addison	BE148AB
	Drisko Island	BE125B, BE125CE, BE148AB
	Great Wass Island	BE119D, BE119E
	Jonesport	BE153B, BE153C
Beaver Cove	Lily Bay	BE209A, BE209B
Beddington	Northeast Bluff	BE142C
Belgrade	Belgrade	BE244A
Benton	Fairfield	BE251A, BE251B
Biddeford	Biddeford Pool	PPLT11, RT001
Blue Hill	Brooklin	BE022A

NOTE: Towns not listed in this index do not have Essential Habitats designated at this time.

TOWN NAME	MAP NAME	ESSENTIAL HABITAT ID#
Boothbay	Bristol	BE217A
Bowdoinham	Bath	BE010E
	Richmond	BE008H
Bradley	Old Town	BE277A
Bremen	Louds Island	BE155B, BE155D
Brewer	Veazie	BE199A, BE199B
Bristol	Louds Island	BE237A, RT011
Brooklin	Stinson Neck	RT018
Brooksville	Cape Rosier	BE210A, BE210B
	Penobscot	BE021B, BE021D
Brunswick	Brunswick	BE204B, BE204C
	Orrs Island	BE257A
Burnham	Burnham	BE203A
	Unity Pond	BE203A
Calais	Calais	BE073E, BE273A
	Devils Head	BE129D, BE273A
Cape Elizabeth	Cape Elizabeth	PPLT07, PPLT13
	Prouts Neck	PPLT07, PPLT09
Castine	Cape Rosier	BE210B
Chester	Lincoln Center	BE151A
	Lincoln West	BE154B
	Nine Meadow Ridge	BE149A, BE149C, BE154B
Chesuncook Twp	Chesuncook	BE186A
Codyville Plt	Simsquish Lake	BE083B
Cranberry Isles	Seal Harbor	BE254AB
Criehaven	Matinicus	RT015, RT016
Cutler	Cross Island	BE121A, BE121C, BE224B
	Cutler	BE211A, BE224B
	Machias Bay	BE224B

TOWN NAME	MAP NAME	ESSENTIAL HABITAT ID#
Danforth	Brookton	BE085C
Deer Isle	Cape Rosier	BE193A, BE193B
	Deer Isle	BE157B, BE157C
	North Haven East	BE157C
	Stinson Neck	BE229A, BE229B
Dennysville	Pembroke	BE066F, BE066G
Devereaux Twp	Peaked Mountain	BE255A
Dexter	Dexter	BE275A
Dresden	Gardiner	BE192AB
	Richmond	BE007A, BE008F, BE272A
	Wiscasset	BE272A
Dyer Twp	Simquish Lake	BE083B
Eagle Lake Twp (Pisc. Co.)	Soper Mountain	BE090D
East Machias	Hadley Lake	BE059C
	Machias	BE164B
Eastbrook	Molasses Pond	BE170B, BE170C
Eastport	Eastport	BE165B, BE165C
	Lubec	BE165B
Edinburg	Howland	BE095B
Edmunds Twp	Long Lake	BE118AB
	Pembroke	BE066F, BE066G, BE171B, BE171C
	Porcupine Mountain	BE118AB
	Whiting	BE062C, BE063B, BE063C, BE064A, BE064C, BE171C
Ellsworth	Ellsworth	BE029A, BE029F
Enfield	Howland	BE213A
Falmouth	Portland East	RT007
Flagstaff Twp	Stratton	BE156B, BE156D, BE281A
Forest City Twp	Forest City	BE086A
Frankfort	Bucksport	BE094A, BE094C

TOWN NAME	MAP NAME	ESSENTIAL HABITAT ID#
Franklin	Hancock	BE033E, BE033I, BE197A, BE197C
	Sullivan	BE034D
Freeport	Freeport	BE202A, BE202B
	Yarmouth	BE268A
Frenchboro	Baker Island	BE138EF, BE138G
	Bass Harbor	BE023C, BE024A, BE138EF, BE138G
	Swans Island	BE024A
Georgetown	Boothbay Harbor	PPLT06, RT014
	Phippsburg	RT002, RT003
	Small Point	RT003
Gouldsboro	Bar Harbor	BE040B, BE040E, BE041D
	Petit Manan	BE145B, BE187BC
	Winter Harbor	BE038D, BE038E, BE145B
Great Pond	Alligator Lake	BE239A
Greenbush	Greenbush	BE184A, BE184B
Hancock	Hancock	BE031E, BE031F, BE032E, BE033E
Harpswell	Bailey Island	RT004
	Orrs Island	BE257A, RT009
Harrington	Bois Bubert	BE047A
	Harrington	BE048E, BE048F, BE243A
Hartland	Harmony	BE231A
Indian Twp	Big Lake	BE259A
	Princeton	BE256A, BE256C, BE260A
	Tomah Ridge	BE082B, BE082C
Island Falls	Mattawamkeag Lake	BE143B
Isle Au Haut	Isle Au Haut East	BE146C, BE215A, BE215B
	Isle Au Haut West	BE179B, BE179C
Islesboro	Islesboro	BE250A
Jonesport	Great Wass Island	BE053C, BE119E
	Jonesport	BE053C, BE054A, BE056D, BE111D, BE153C, BE153D, BE183A
	Roque Bluffs	BE055C

TOWN NAME	MAP NAME	ESSENTIAL HABITAT ID#
Kennebunk	Wells	PPLT02
Kennebunkport	Biddeford	PPLT03, RT006
Lakeville	Bottle Lake	BE258A
Lambert Lake Twp	Simsquish Lake	BE083B
Lamoine	Hancock	BE032E
Leeds	Wayne	BE002A, BE002DE
Lincoln	Lincoln West	BE154B, BE154C
Lovell	Center Lovell	BE230A
Lowell	Burlington	BE172A
Lubec	Eastport	BE068B
	Lubec	BE194B
	West Lubec	BE070A, BE070B, BE218B
Machias	Machias	BE058B, BE058E, BE058F, BE131B
Machiasport	Cross Island	BE162B
	Machias Bay	BE057C, BE057D, BE232A
Magalloway Plt	Umbagog Lake North	BE219B
Mariaville	Beech Hill Pond	BE030B
	Eastbrook	BE030B
Marion Twp	Long Lake	BE060B, BE060C, BE126A, BE126B, BE126C
Matinicus Isle Plt	Hewett Island	RT012
	Tenants Harbor	RT013
Mattamiscontis Twp	Lincoln West	BE154C
Mattawamkeag	Mattawamkeag	BE208A, BE269A
Medway	Mattaseunk Lake	BE097A
Milbridge	Bois Bubert	BE046D, BE267A, RT020
	Harrington	BE242A, BE243A

TOWN NAME	MAP NAME	ESSENTIAL HABITAT ID#
Millinocket	Millinocket	BE098A, BE098D, BE214C, BE236A, BE236C
	Nollesemic Lake	BE236C
Mount Desert	Bartlett Island	BE027A
	Southwest Harbor	BE026C, BE026E
Muscle Ridge Islands	Hewett Island	BE191AB
Newcastle	Damariscotta	BE014B, BE014D, BE212A, BE212B
Newport	Plymouth	BE159A, BE159B
Nobleboro	Damariscotta	BE014D
North Haven	North Haven East	BE017CD
	North Haven West	BE016B, BE016C
Ogunquit	Wells	PPLT01
	York Beach	PPLT01
Old Orchard Beach	Biddeford	PPLT08
	Prouts Neck	PPLT04
Old Town	Old Town	BE277A
Orland	Bucksport	BE166A, BE166B
Orono	Old Town	BE277A
Orrington	Hampden	BE220A
Osborn	Molasses Pond	BE221A
	Rocky Pond	BE221A
Passadumkeag	Howland	BE095B
Pembroke	Eastport	BE069D
	Pembroke	BE065B, BE065C, BE065D, BE067G, BE067H, BE069D, BE101B, BE101C
Penobscot	Penobscot	BE020B
Perkins Twp (Sagadahoc Co.)	Richmond	BE007A, BE008B, BE008F, BE008H
Perry	Eastport	BE069D, BE071D, BE133A, BE223A, BE233A
	Pembroke	BE069D, BE071B, BE071D
	Red Beach	BE071B, BE161A

TOWN NAME	MAP NAME	ESSENTIAL HABITAT ID#
Phippsburg	Phippsburg	BE168A, BE168B, RT002, RT003
	Small Point	PPLT05, RT002, RT003
Plymouth Twp	Seboomook Lake West	BE182A
Portage Lake	Portage Lake West	BE228A, BE228B
Princeton	Princeton	BE130A, BE130B, BE256C, BE260A
Prospect	Bucksport	BE094A
Richardsontown Twp	Oquossoc	BE252C
Richmond	Gardiner	BE192AB
Roque Bluffs	Jonesport	BE056C, BE056D, BE056E
Saco	Biddeford	PPLT08
	Biddeford Pool	RT005
	Prouts Neck	RT005
Sandwich Academy Grant	Brassua Lake West	BE185A
Sapling Twp	Indian Pond North	BE177A, BE177B
Scarborough	Prouts Neck	PPLT04, PPLT09, PPLT12
Sedgwick	Brooklin	BE022A
	Penobscot	BE021B, BE021D
Sidney	Vassalboro	BE262A
Soper Mountain Twp	Soper Mountain	BE090A, BE090C, BE090D
Sorrento	Bar Harbor	BE035CD, BE037A, BE037C, BE037H, BE037I
	Sullivan	BE036D
South Bristol	Bristol	BE217A
	Pemaquid Point	RT010
Southport	Boothbay Harbor	BE249C
Spencer Bay Twp	Spencer Bay	BE092C, BE092F
St. George	New Harbor	RT017
	Tenants Harbor	BE238A, RT022
Steuben	Cherryfield	BE045A
	Petit Manan	BE044A, BE044B, BE044C, BE045A, BE144A

TOWN NAME	MAP NAME	ESSENTIAL HABITAT ID#
Stonington	Stinson Neck	BE147AC, BE147B
Sullivan	Sullivan	BE036B, BE036D
Surry	Newbury Neck	BE169A
Swans Island	Johns Island	BE152CD, BE198AC, BE198B
	Swans Island	BE150CD, BE152CD, BE198AC, BE198B
Swanville	Mt. Waldo	BE271A
Topsfield	Farrow Mountain	BE084D
Topsham	Brunswick	BE204A, BE204B, BE204C
Tremont	Bartlett Island	BE246A
Trescott Twp	Eastport	BE068A, BE068B
	West Lubec	BE218A, BE218B
	Whiting	BE064A, BE064C, BE218A, BE263A
TA R7 WELS	East Millinocket	BE214B
	Millinocket	BE214B, BE236A
T1 R6 WELS	Salmon Stream Lake	BE248B
T1 R9 WELS	Abol Pond	BE089B, BE089C, BE089E
T1 R10 WELS	Abol Pond	BE089B, BE089C
T2 R8 NWP	Lincoln West	BE154B, BE154C
T2 R9 NWP	Mattamiscontis Mtn	BE176A
T2 R9 WELS	Abol Pond	BE089B, BE089E
T2 R10 WELS	Abol Pond	BE089B
	Rainbow Lake East	BE088D, BE088E
T2 R12 WELS	Caribou Lake South	BE134B
T3, Indian Purchase	Millinocket	BE236C
	Nollesemic Lake	BE236C
	Norcross	BE141A
T3 R1 NBPP	Lee	BE205A
T3 R9 NWP	Mattamiscontis Mtn	BE176A

TOWN NAME	MAP NAME	ESSENTIAL HABITAT ID#
T3 R10 WELS	Rainbow Lake East	BE088D, BE088E, BE088F
T3 R12 WELS	Harrington Lake	BE264A
T4, Indian Purchase	Pemadumcook Lake	BE245A
T4 R3 WELS	Mattawamkeag Lake	BE143B
T4 R9 NWP	Seboeis Lake	BE175A
T5 ND BPP	Dark Cove Mountain	BE079A, BE200A
	Scraggly Lake	BE081C
T5 R1 NBPP	Bottle Lake	BE258A, BE258B
	Scraggly Lake	BE081C, BE258B
T6 ND BPP	Dark Cove Mountain	BE079A
	Grand Lake Stream	BE234A
T6 R1 NBPP	Scraggly Lake	BE189B, BE189C
T6 R14 WELS	Caucomgomoc Lake East	BE091A
T6 R15 WELS	Caucomgomoc Lake East	BE091A
T7 R12 WELS	Soper Mountain	BE090A
T7 R14 WELS	Caucomgomoc Lake East	BE181D
T7 R15 WELS	Caucomgomoc Lake East	BE163D
	Caucomgomoc Lake West	BE163B, BE163D
T8 R7 WELS	La Pomkeag Lake	BE284A
T9 R11 WELS	Spider Lake	BE235B
T9 R12 WELS	Churchill Lake	BE173B, BE173C
T10 R11 WELS	Fifth Musquacook Lake	BE139A, BE139B
	Third Musquacook Lake	BE139B
T10 R12 WELS	Umsaskis Lake East	BE216B
T10 R13 WELS	Umsaskis Lake East	BE216B
T10 SD	Tunk Mountain	BE188A
T11 R3 NBPP	Lambert Lake	BE283A

TOWN NAME	MAP NAME	ESSENTIAL HABITAT ID#
T11 R11 WELS	Third Musquacook Lake	BE279A
T11 R12 WELS	Umsaskis Lake East	BE216B
T11 R13 WELS	Umsaskis Lake East	BE216B
T14 R6 WELS	Portage Lake West	BE228A
T15 R5 WELS	Square Lake East	BE207D
T16 R5 WELS	Square Lake East	BE207C, BE207D, BE226A
	Square Lake West	BE226B
T17 R4 WELS	Paulette Brook	BE247A
	St Agatha	BE227A
T18 ED BPP	Bog Lake	BE160A
	Hadley Lake	BE160A, BE222A
T26 ED BPP	Clifford Lake	BE124A, BE124C
T27 ED BPP	Big Lake	BE080A, BE080B
	Clifford Lake	BE124C
T34 MD	Alligator Lake	BE239A
T39 MD	Brandy Pond	BE075AC
T40 MD	West Lake	BE076A, BE076B, BE076C
T42 MD BPP	Dark Cove Mountain	BE078A, BE078D
	Fletcher Peak	BE077B
T43 MD BPP	Fletcher Peak	BE077B
Unity	Unity	BE270A
Vassalboro	Vassalboro	BE262A
Veazie	Veazie	BE199A, BE199B
Verona	Bucksport	BE166A, BE166B
Vinalhaven	Leadbetter Island	BE107C
	Vinalhaven	BE108C, BE108E, BE276A
Waltham	Eastbrook	BE030B
Warren	Thomaston	BE106C, BE106D

TOWN NAME	MAP NAME	ESSENTIAL HABITAT ID#
Wells	Wells	PPLT01, PPLT02
Weston	Danforth	BE137C
Whiting	Whiting	BE062C
Winn	Lincoln Center	BE151A
Winslow	Fairfield	BE251A, BE251B
Winter Harbor	Bar Harbor	BE042A, BE122C
	Schoodic Head	BE043EG
	Seal Harbor	RT019
	Winter Harbor	BE042A
Winterport	Bucksport	BE094C
Wiscasset	Damariscotta	BE212B
	Wiscasset	BE212B
Woodville	Mattaseunk Lake	BE190B, BE269A
	Mattawamkeag	BE208A, BE269A
Woolwich	Bath	BE011F, BE011G
Yarmouth	Yarmouth	BE268A, RT008

ESSENTIAL WILDLIFE HABITAT MAPS FOR MAINE'S ENDANGERED AND THREATENED SPECIES

These maps are true and correct copies (reduced) of the official maps showing Essential Wildlife Habitats designated for species listed as Endangered or Threatened by the Maine Department of Inland Fisheries and Wildlife. Full-size copies are located in the appropriate town, DIFW, DEP, DMR, and LURC offices, and should always be consulted when the most accurate information is needed. *Boundary Line Detail Photos For Piping Plover And Least Tern Essential Habitats,* which delineate in greater detail the boundaries within shaded areas on some of the maps, are not included in this Atlas. Copies of these photographs are available for viewing at town offices in affected municipalities; DIFW offices in Gray, Augusta, and Bangor; and Department of Environmental Protection offices in Portland and Augusta; or they may be purchased from: Essential Habitat Maps, Wildlife Resource Assessment Section, Maine Department of Inland Fisheries and Wildlife, 650 State Street, Bangor, ME 04401-5654. These maps and photos are for use **only** with Maine's Endangered Species laws and regulations (12 MRSA and Chapter 8.05). Locations of other Endangered Species habitats, Significant Wildlife Habitats, rare plants and natural communities, or other important natural resources are **not** included.

Essential Habitat maps may be updated annually. Users should be certain the most recent version of the Atlas or any individual map is consulted. A list of all Essential Habitat maps and their current effective dates can be found in Appendix D. **This Atlas is valid only through December 31, 2000.**

MAP LEGEND

BE 000A Bald Eagle (BE) Nest Site # 000A

All boundaries are shown as a solid circular line (◯) and the inside of the line is the edge of the boundary. Each circle has a radius of approximately 1,320 feet and a center located approximately on the nest. The line on the map determines the boundary. The area within each circle is approximately 126 acres.

RT 000 Roseate Tern (RT) Nesting Area # 000

All boundaries are shown as a solid line and the inside of the line is the edge of the boundary. The boundary line is located approximately 1,320 feet from the low tide edge of the nesting island or approximately 1,320 feet from the portion of the island used for nesting. The line on the map determines the boundary.

MAP LEGEND (continued)

PPLT 00 Piping Plover And Least Tern (PPLT) Nesting, Feeding, And Brood-Rearing Area # 00

Essential Habitat within the boundary line depicted on the map encompasses portions of the coastal sand dune system and associated coastal wetlands. Where the area is shaded, boundary lines are delineated in more detail on composite aerial photographs entitled "*Boundary Line Detail Photos For Piping Plover And Least Tern Essential Habitats*", taken in 1986 and prepared in November, 1994 and February, 1997 (see preceding page for information on access to these photos). **For the exact location of a boundary line within the shaded area of a Piping Plover and Least Tern Essential Habitat, refer to the following photograph(s):**

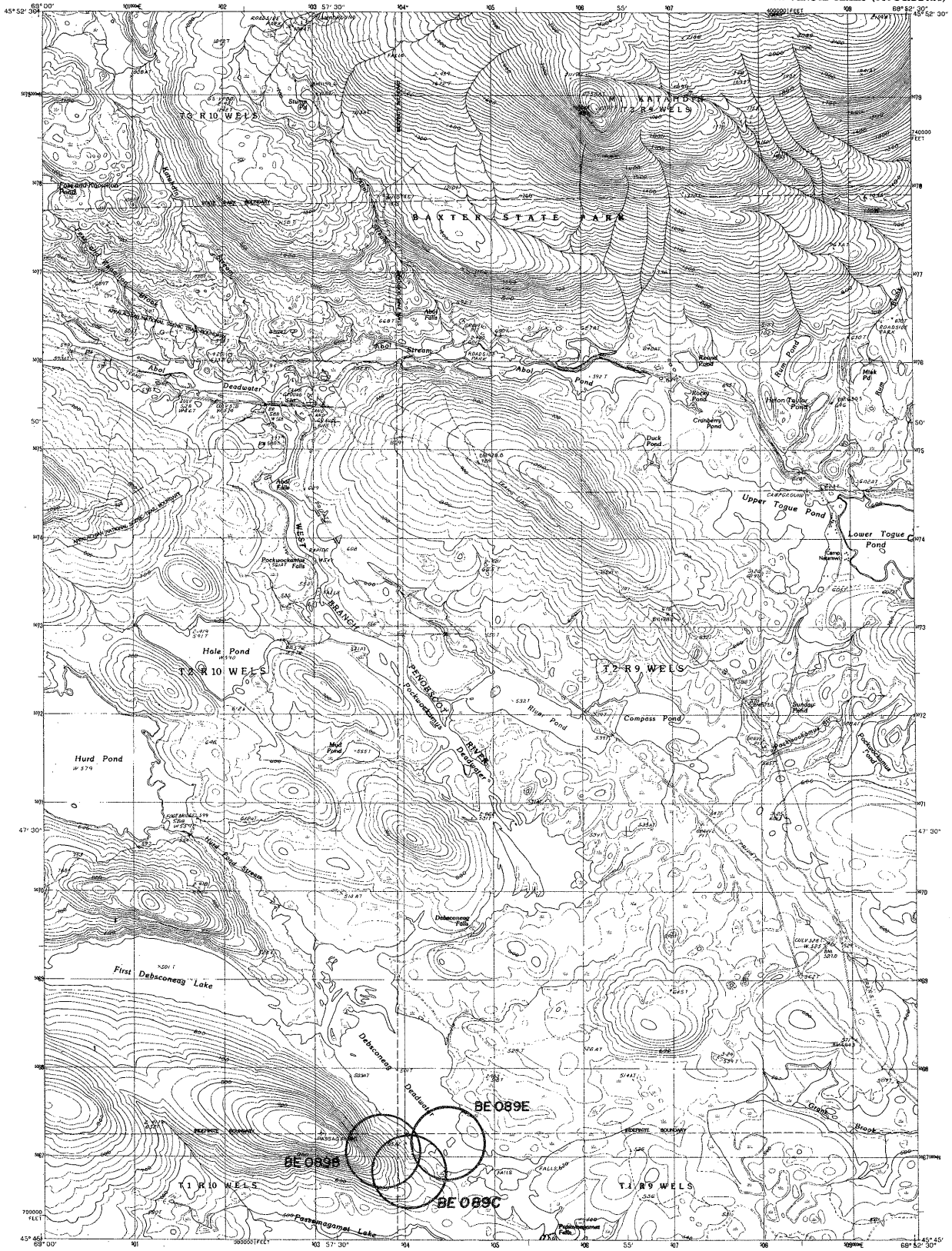
Area #	Photo #(s)	Preparation Date
PPLT 01	PPLT01	11/94
PPLT 02	PPLT02a, PPLT02b	11/94
PPLT 03	PPLT03a, PPLT03b	11/94
PPLT 04	PPLT04a, PPLT04b, PPLT04c	2/97(a), 11/94(b,c)
PPLT 05	PPLT05	11/94
PPLT 08	PPLT08	11/94
PPLT 09	PPLT09	11/94
PPLT11	PPLT11	2/97
PPLT12	PPLT12a, PPLT12b	2/97

Outside of shaded areas, where the line is solid, the line on the map determines the boundary and the inside of the line is the edge of the boundary. Where the line is dashed, the boundary is determined by the edge of the coastal wetlands as defined by 38 MRSA, Section 480-B. Cross-hatched areas are not part of the Essential Habitat.

Essential Habitat Maps Follow In Alphabetical Order

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ABOL POND QUADRANGLE
MAINE–PISCATAQUIS CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOAA/NGSA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1982
FIELD CHECKED ..... 1985 MAP EDITED 1986
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°00' EAST
1988 MAGNETIC NORTH DECLINATION ..... 15°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 63 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction exists between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10,000
1 0 1 KILOMETERS
1000 0 1000 2000 METERS

CONTOUR INTERVAL 20 FEET

CONTOUR ELEVATIONS SHOWN TO THE NEAREST 5-1 FOOT
CHANGE ELEVATIONS SHOWN TO THE NEAREST FOOT
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1. Ducktrap Mtn.
2. Mount Kineo
3. Enchanted Lake
4. Gardner Lake East
5. West Kill
6. Mahs Hillmore Stream
7. Pamadamcook
8. Glenburn

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

ABOL POND, MAINE
PROVISIONAL EDITION 1988
47068-G8-TF-024

Effective 2/20/

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

ADDISON QUADRANGLE
MAINE-WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 COLUMBIA FALLS 15' QUADRANGLE

Mapped by the U. S. Coast & Geodetic Survey
Edited and published by the Geological Survey

Control by USC&GS and USGS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1944. Field check 1948
Hydrography from surveys dated 1870 to 1902

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, east zone

No distinction is made between dwellings, barns, commercial and industrial buildings

Unchecked elevations are shown in brown

APPROXIMATE MEAN DECLINATION, 1948

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 12 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS	DRY WEATHER ROADS
Heavy-duty	Improved dirt
Medium duty	Unimproved dirt
Loose-surface, graded, or narrow hard-surface	
U. S. Route	State Route

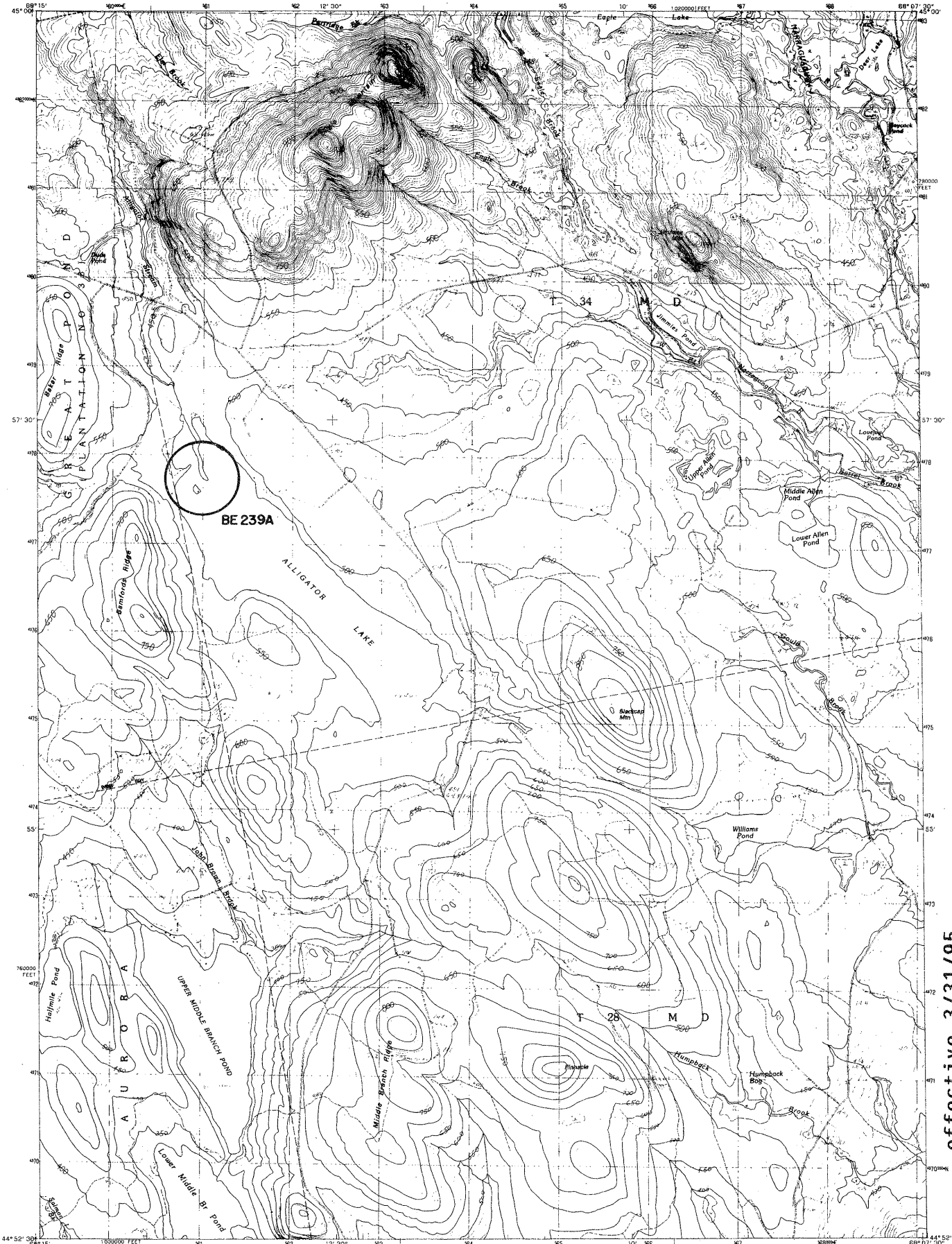
ADDISON, ME.
SW/4 COLUMBIA FALLS 15' QUADRANGLE
N4430—W6737.5/7.5

EDITION OF 1951

effective 2/22/93

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLIGATOR LAKE QUADRANGLE
MAINE–HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1981
FIELD CHECKED ..... 1982. MAP EDITED 1987
PROJECTION ..... TRANSVERSE MERCATOR
GRIDS: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 9°54' EAST
1987 MAGNETIC NORTH DECLINATION ..... 19°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 66 meters west)
No distinction made between houses, barns, and other buildings

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET

CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

1	2	3
4		5
6	7	8

1 Brandy Pond
2 West Lake
3 Cuxabexis Lake
4 Great Pond
5 Quelpeg Mountain
6 Amherst
7 Rocky Pond
8 Lead Mountain

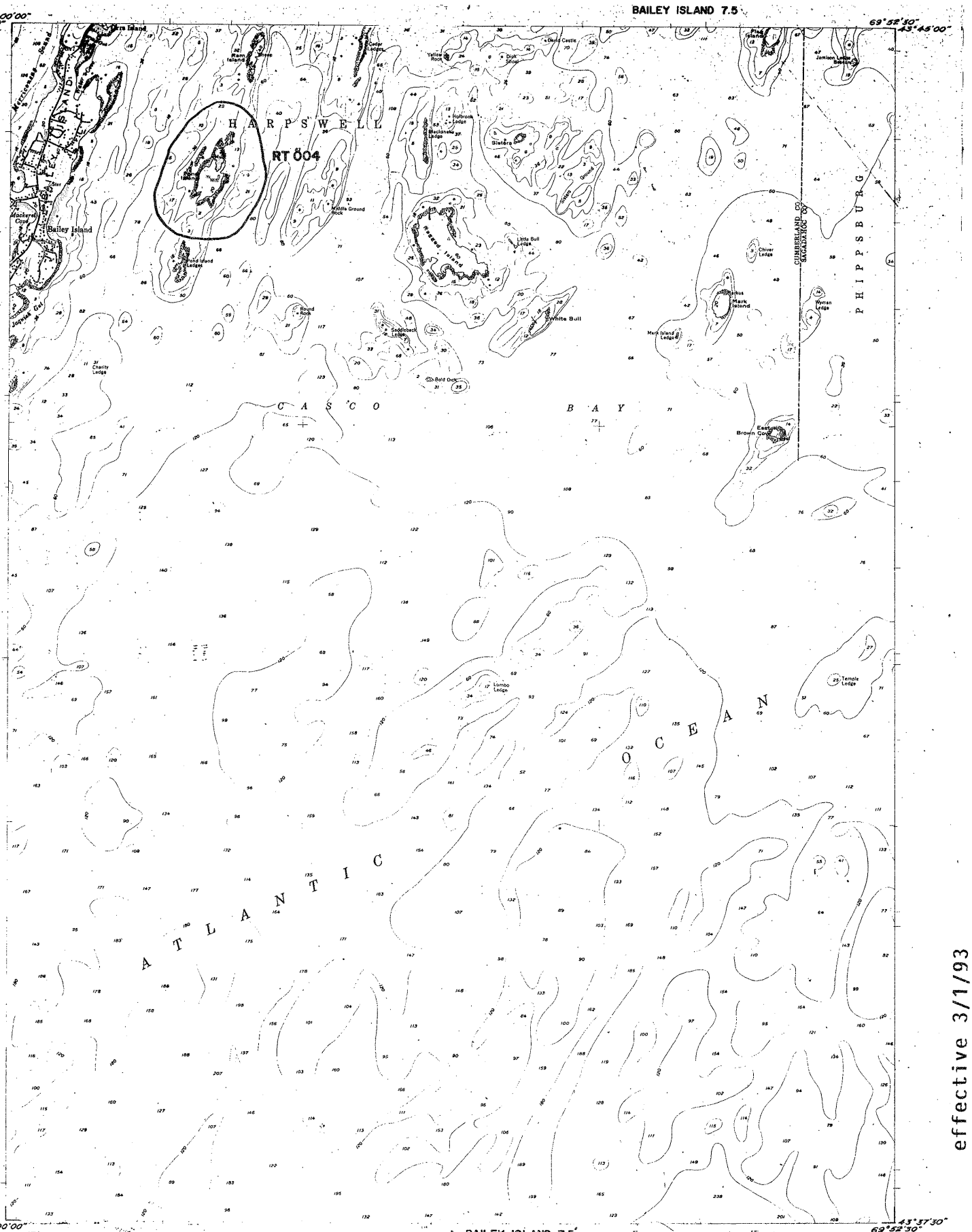
ADJOINING 7.5' QUADRANGLE NAMES

QUADRANGLE LOCATION

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U. S. Route State Route

ALLIGATOR LAKE, MAINE
PROVISIONAL EDITION 1987
44068-H2-TF-024

effective 3/31/95

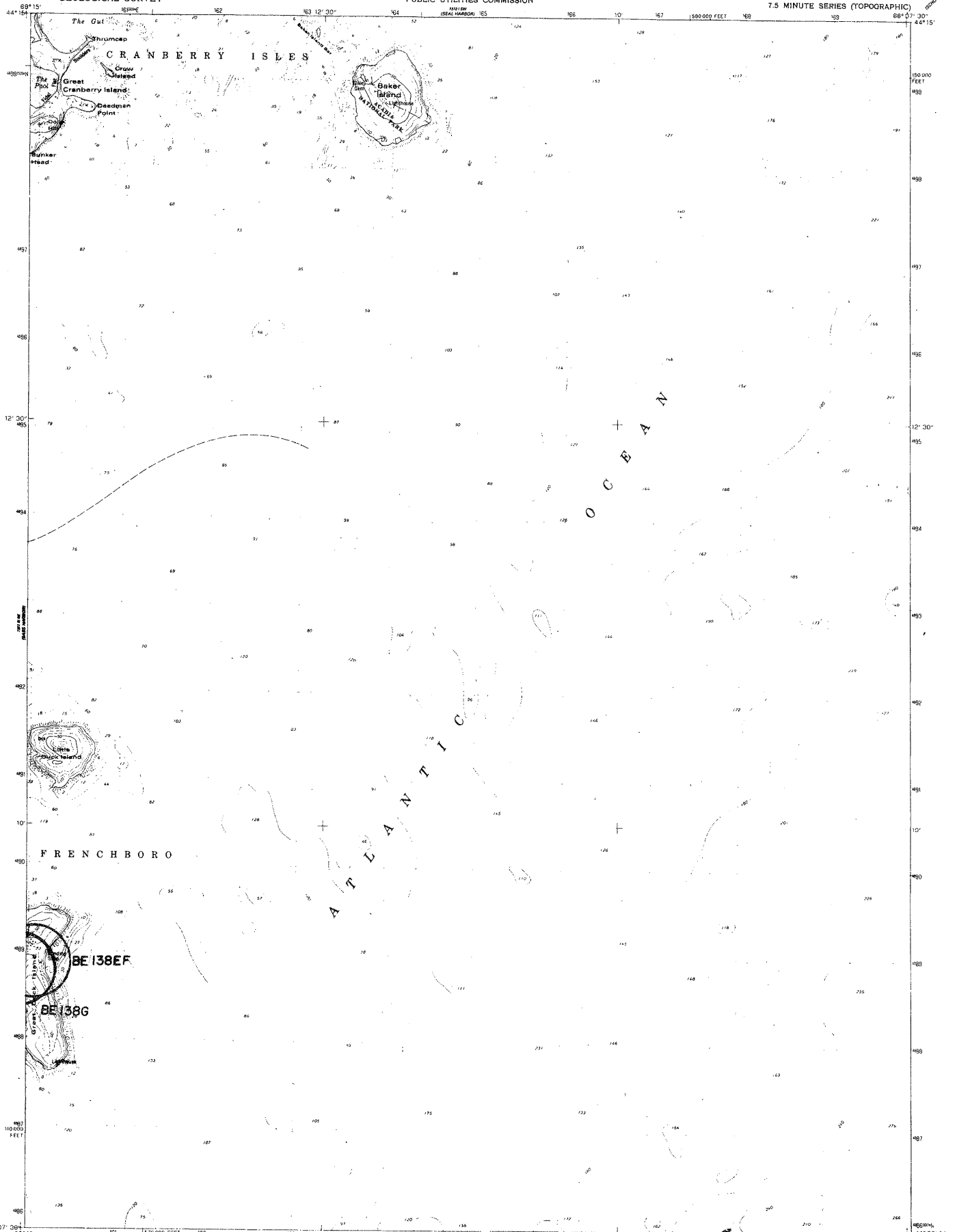


effective 3/1/93

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MAINE
PUBLIC UTILITIES COMMISSION

BAKER ISLAND QUADRANGLE
MAINE–HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1980. Map edited 1983

Selected hydrographic data compiled from NOS charts 13313 (1980) and 13318 (1981). This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, east zone (transverse Mercator). 1000-meter Universal Transverse Mercator grid, zone 19. 1927 North American Datum To place on the predicted North American Datum 1983 move the projection lines 2 meters south and 47 meters west as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1983 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 MILE
1 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 9.7 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road

Interstate Route U. S. Route State Route

BAKER ISLAND, MAINE
44068-B2-TF-024

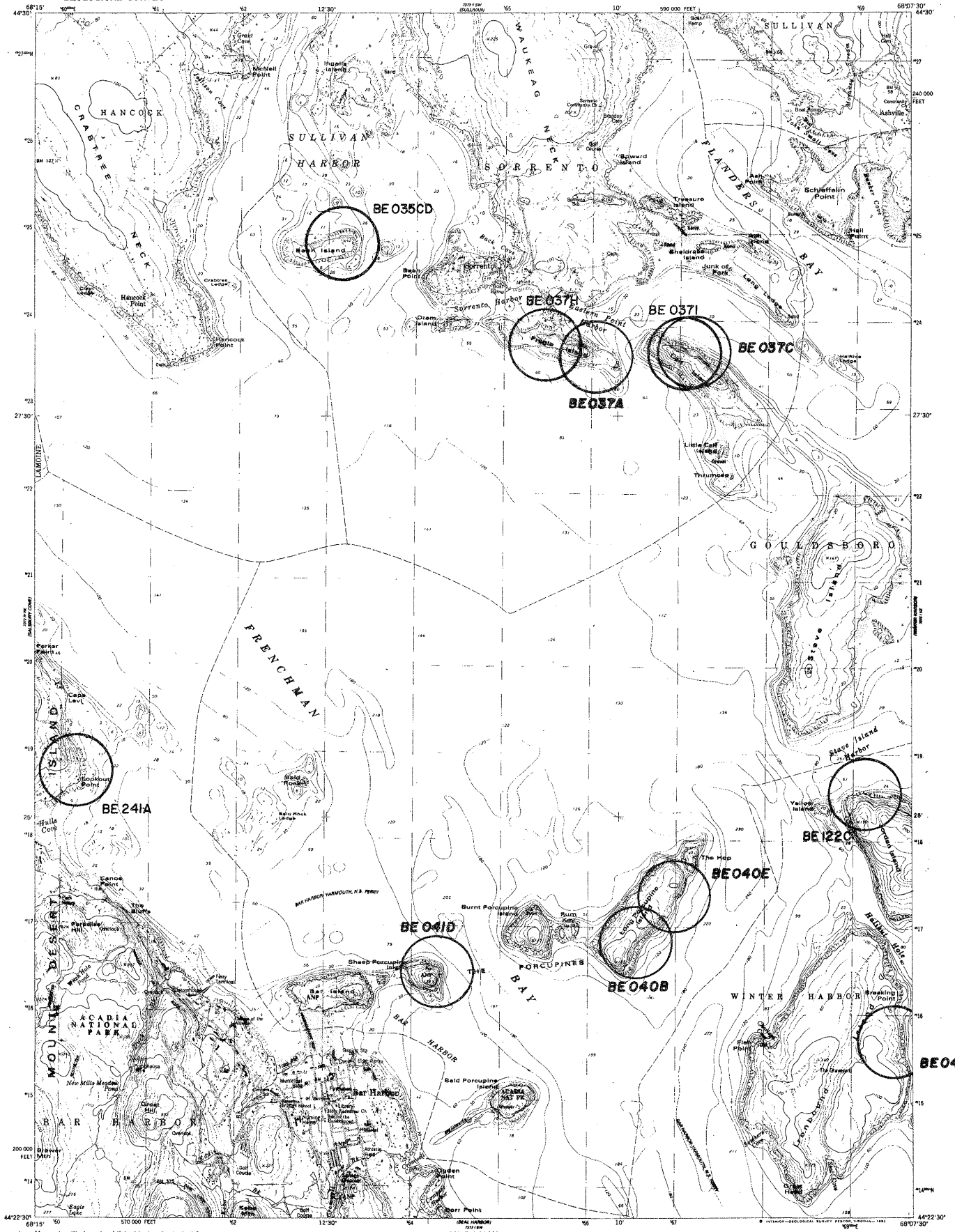
1983

effective 10/1/89

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MAINE
PUBLIC UTILITIES COMMISSION

BAR HARBOR QUADRANGLE
MAINE–HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 BAR HARBOR 15' QUADRANGLE



68°15' 44°30' 12'30" 10' 590 000 FEET 68°07'30" 44°30'
27'30" 44°22'30" 570 000 FEET 200 000 FEET 240 000 FEET

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1977. Map edited 1982

Selected hydrographic data compiled from NOS chart 13318 (1981)
This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks. Maine coordinate system, east zone (transverse Mercator). 1000-meter Universal Transverse Mercator grid, zone 19. 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 1 meter south and 47 meters west as shown by dashed corner ticks

Red tint indicates area in which only landmark buildings are shown

There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1982 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 10.5 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface — Light-duty road, hard or improved surface
Secondary highway, hard surface — Unimproved road
Interstate Route — U.S. Route — State Route

BAR HARBOR, MAINE
NW/4 BAR HARBOR 15' QUADRANGLE
44068-D2-TF-024

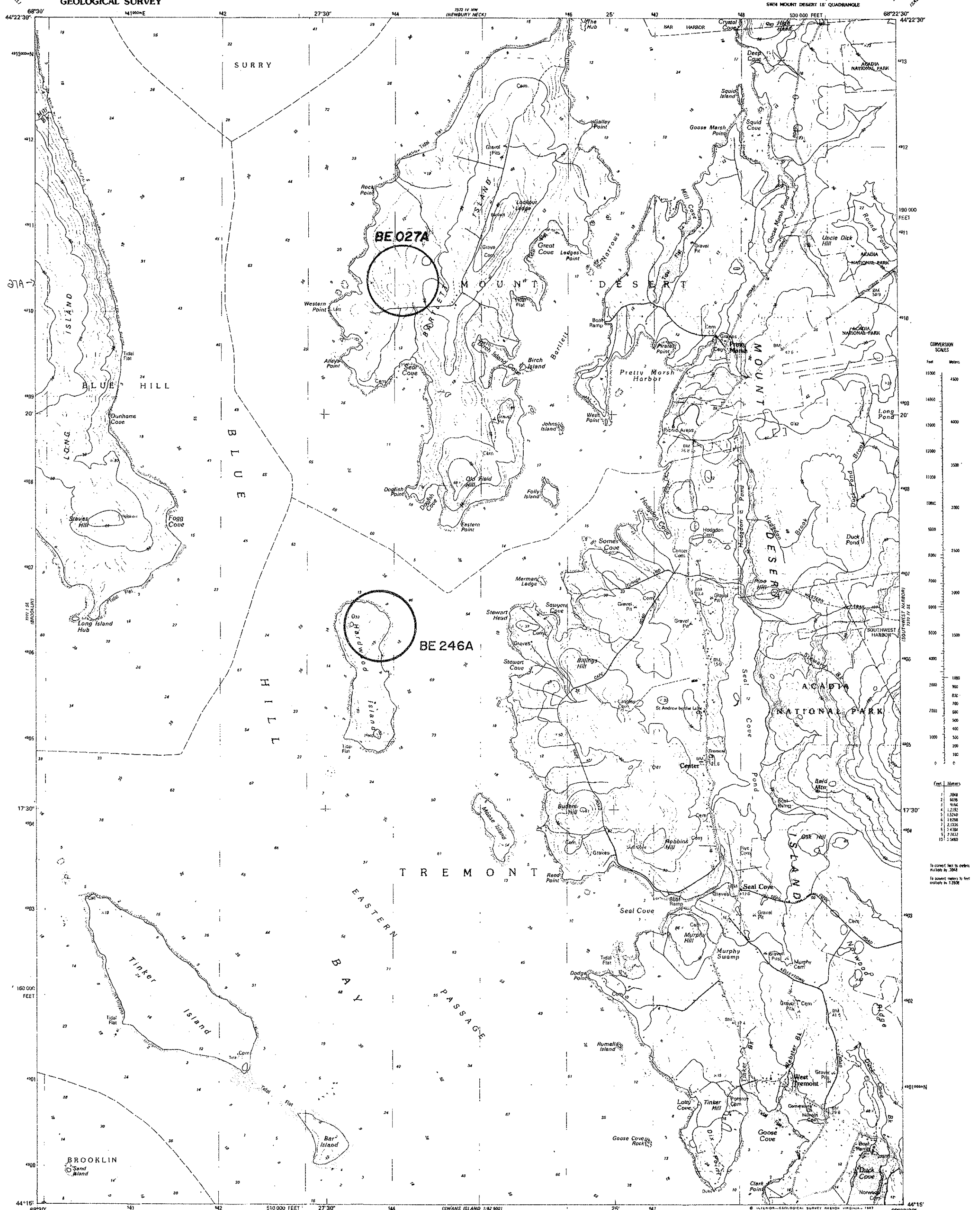
1982

Bar Harbor, Me.

effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BARTLETT ISLAND QUADRANGLE
MAINE–HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 MOUNT DESERT 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1977. Map edited 1981

Selected hydrographic data compiled from NOS chart 13316 (1980)
This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 2 meters south and 46 meters west as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 6 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST METER
DEPTH CURVES AND SOUNDINGS IN METERS—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 3.0 METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

MAINE
QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road

Interstate Route U. S. Route State Route

BARTLETT ISLAND, MAINE
SW/4 MOUNT DESERT 15' QUADRANGLE
N4415–W6822.5/7.5

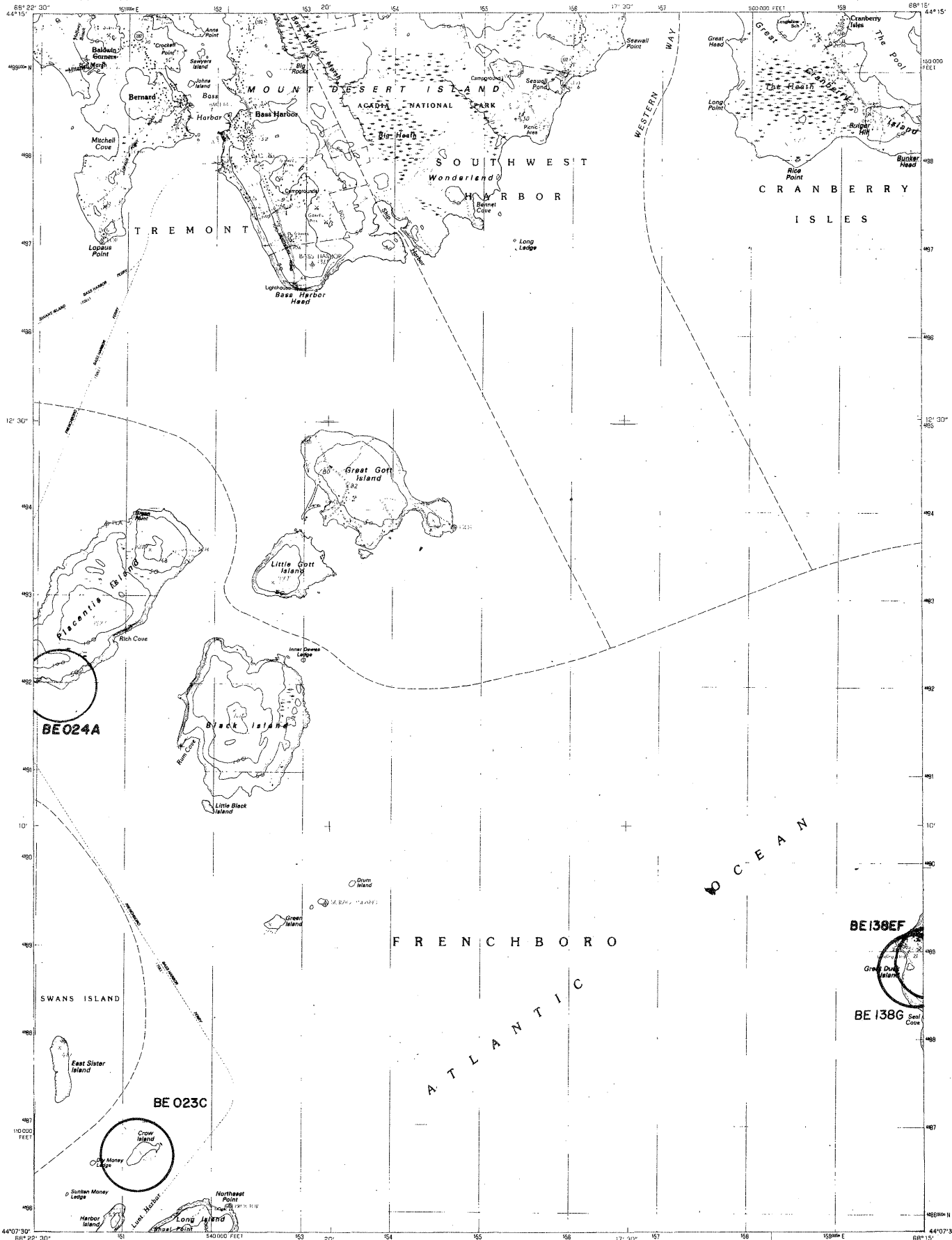
1981

DMA 7372 IV SW–SERIES V811

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BASS HARBOR QUADRANGLE
MAINE – HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



effective 10/1/99

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
FIELD CHECKED ..... 1980 MAP EDITED 1983
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°59' EAST
1983 MAGNETIC NORTH DECLINATION ..... 19° WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters south and 67 meters west)
There may be private (in)holdings within the boundaries of any Federal and State Reservations shown on this map

SCALE 1:24 000

KILOMETERS 0 1 2 3
METERS 0 1000 2000 3000
MILES 0 1/2 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000

CONTOUR INTERVAL 10 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Bartlett Island
2 Southwest Harbor
3 Seal Harbor
4 Swans Island
5 Baker Island
6 Johns Island
7 Frenchboro
8

ADJOINING 7.5' QUADRANGLE NAMES

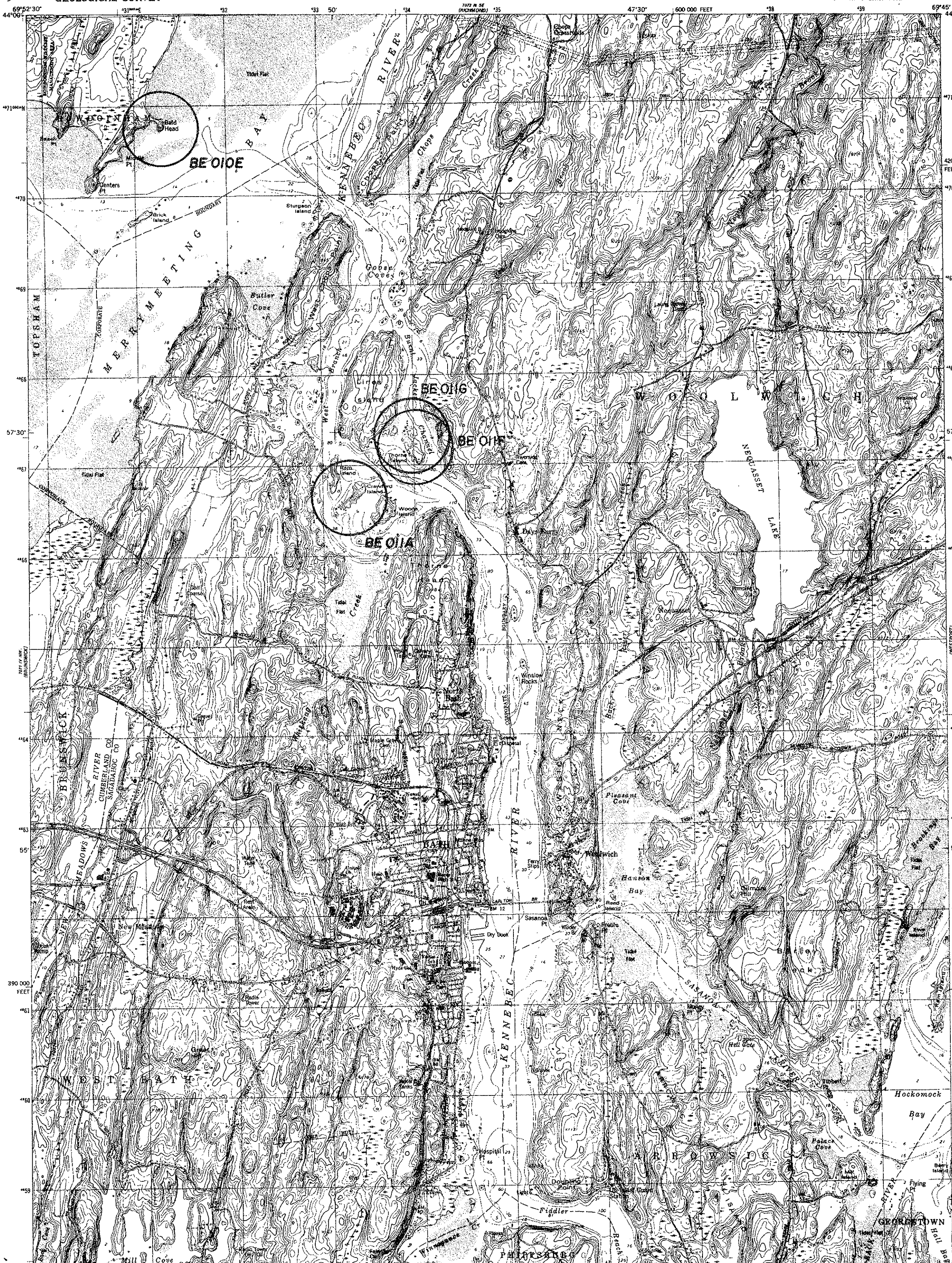
ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U. S. Route State Route

BASS HARBOR, MAINE
PROVISIONAL EDITION 1983

Bass Harbo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BATH QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 BATH 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS, NOS/NOAA, USCE, and Maine Geodetic Survey

Topography by photogrammetric methods from aerial photographs taken 1972 and 1973. Field checked 1974. Map edited 1980

Selected hydrographic data compiled from NOS charts 13290 (1979) and 13293 (1974). This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, west zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 4 meters south and 42 meters west as shown by dashed corner ticks

Red tint indicates area in which only landmark buildings are shown

There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 6 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface — Light-duty road, hard or improved surface
Secondary highway, hard surface — Unimproved road
Interstate Route U. S. Route State Route

BATH, MAINE
NE/4 BATH 15' QUADRANGLE
N4352.5—W6945/7.5

1980

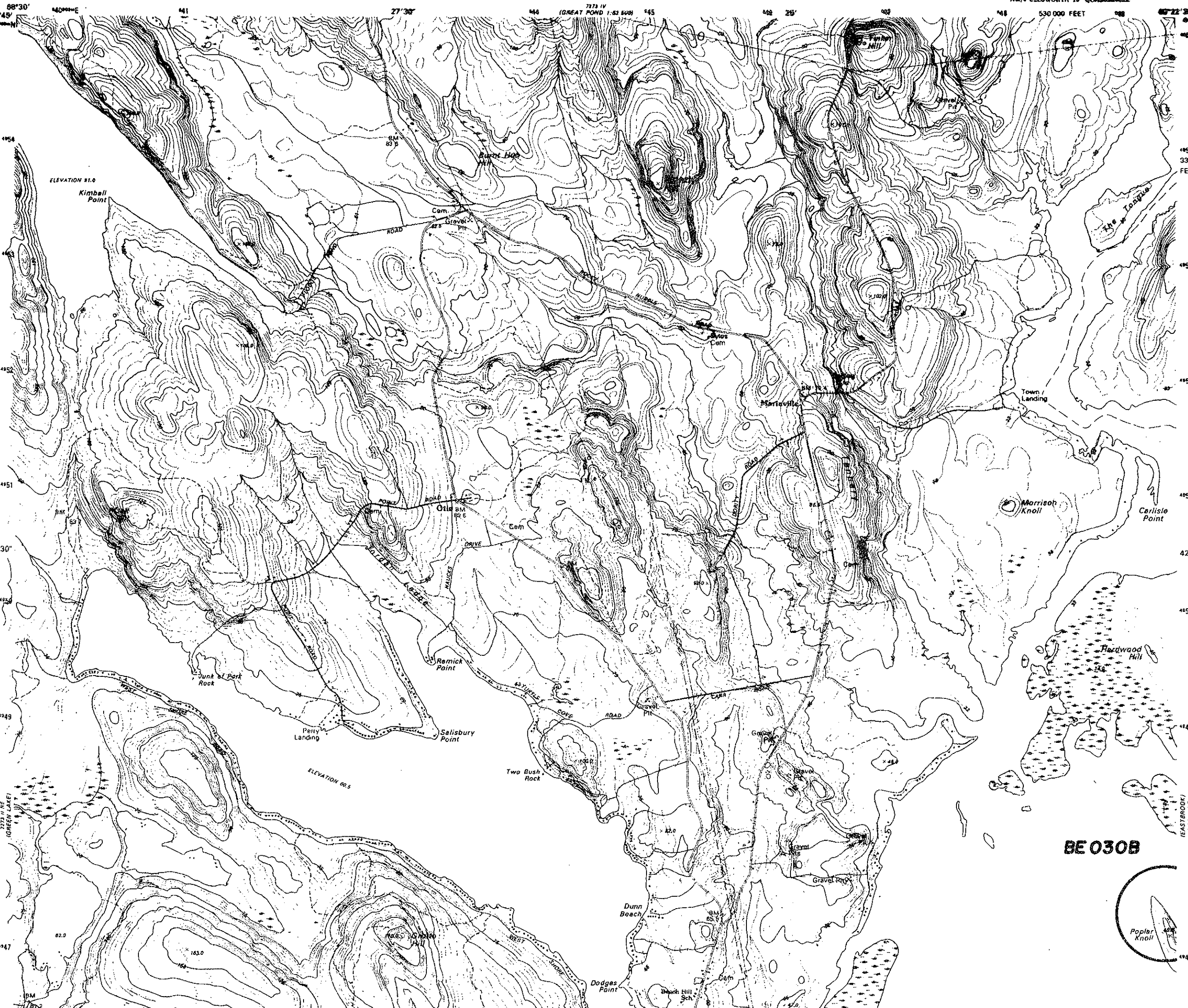
DMA 7071 IV NE—SERIES V811

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

7273 I (ORONO 1:62 500)

BEECH HILL POND QUADRANGLE
MAINE–HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 ELLSWORTH 15' QUADRANGLE



CONVERSION SCALES

Feet	Meters
15000	4500
14000	
13000	4000
12000	
11000	3500
10000	3000
9000	
8000	2500
7000	
6000	2000
5000	1500
4000	
3000	1000
	900
	800
	700
2000	600
	500
	400
1000	300
	200
	100
0	0

Feet	Meters
1	.3048
2	.6096
3	.9144
4	1.2192
5	1.5240
6	1.8288
7	2.1336
8	2.4384
9	2.7432
10	3.0480

To convert feet to meters multiply by .3048

To convert meters to feet multiply by 3.2808

effective 3/1/90

(BRANCH LAKE) 7273 II SE

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1977. Map edited 1981

Projection and 10,000-foot grid ticks: Maine coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 2 meters south and 46 meters west as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

BEECH HILL POND ME
CONTOURS

MN GN 19° 338 MILS 0°24' 7 MILS

UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

(ELLSWORTH) 7373 III SW

SCALE 1:24 000

KILOMETERS 1 .5 0 1 2
METERS 1000 0 1000 2000
MILES 1 .5 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000

CONTOUR INTERVAL 3 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

MAINE
QUADRANGLE LOCATION

ROAD CLASSIFICATION

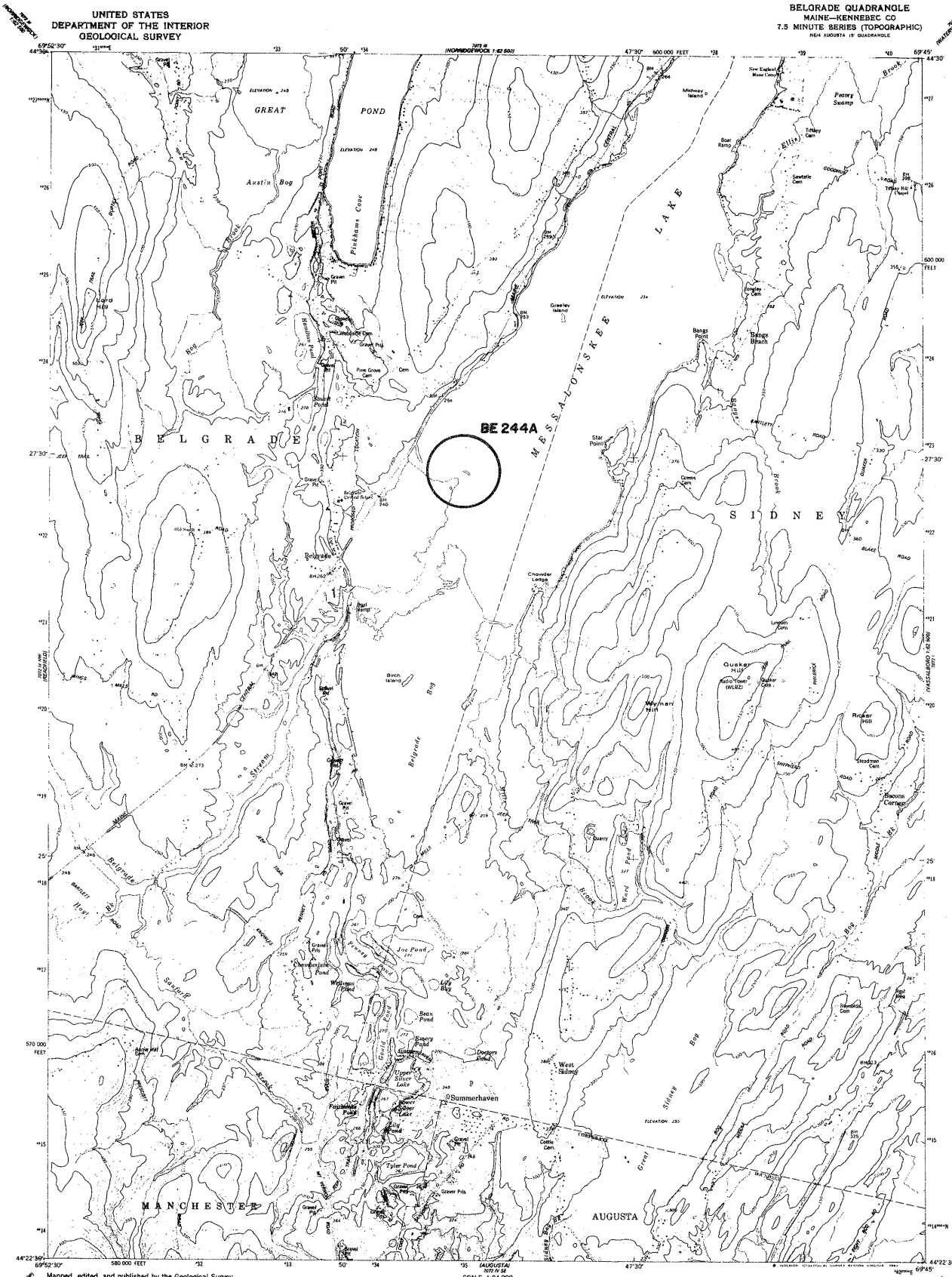
Primary highway, hard surface .... Light-duty road, hard or improved surface ....
Secondary highway, hard surface .... Unimproved road ....
Interstate Route U. S. Route State Route

(HANCOCK) 7373 III SE

BEECH HILL POND, ME.
NW/4 ELLSWORTH 15' QUADRANGLE
N4437.5–W6822.5/7.5

1981

DMA 7373 III NW–SERIES V811



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BELGRADE QUADRANGLE
MAINE—KENNEBEC CO
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 AUGUSTA 15' QUADRANGLE

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1973. Field checked 1974. Map edited 1980

Projection and 10,000-foot grid ticks: Maine coordinate system, west zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 3 meters south and 42 meters west as shown by dashed corner ticks

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

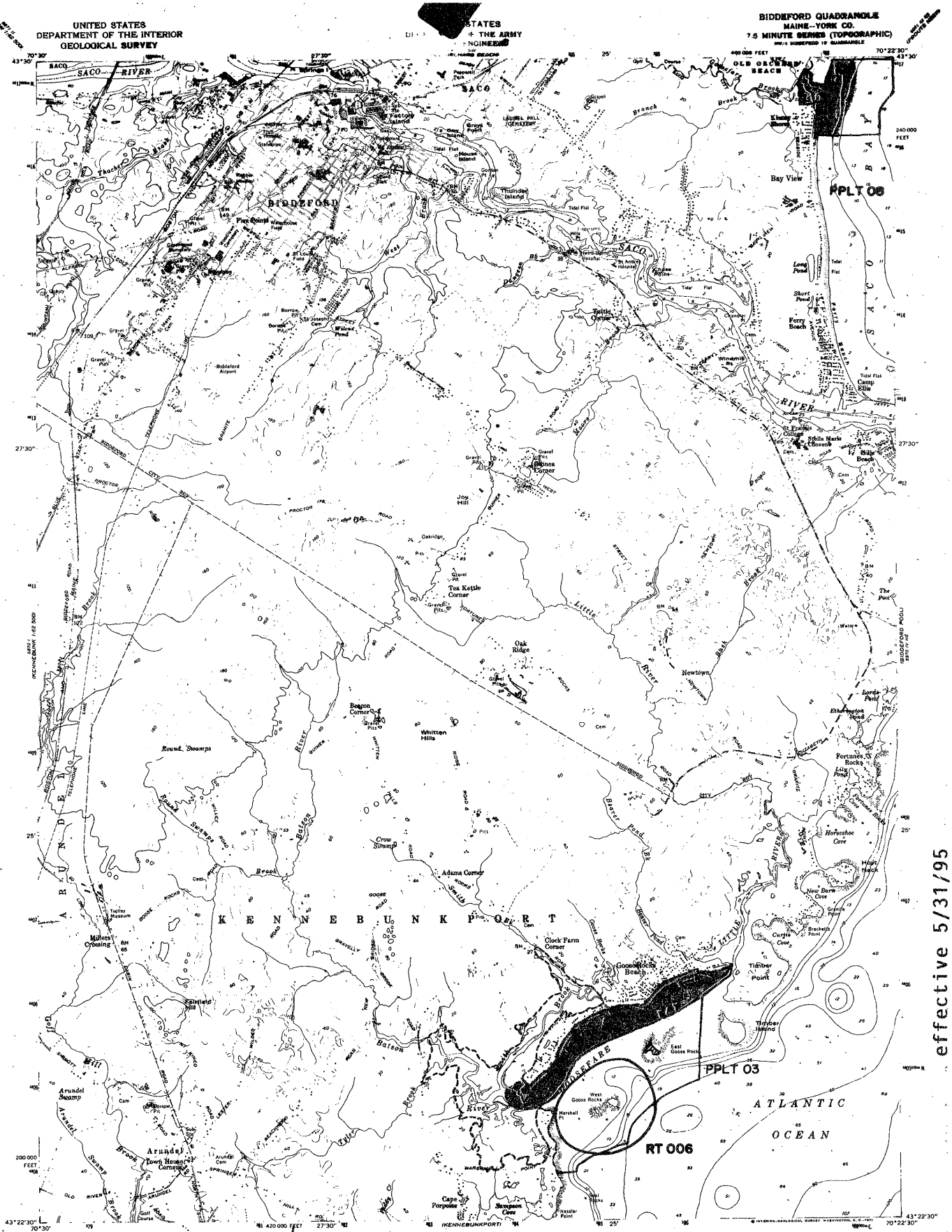
ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road

Interstate Route U. S. Route State Route

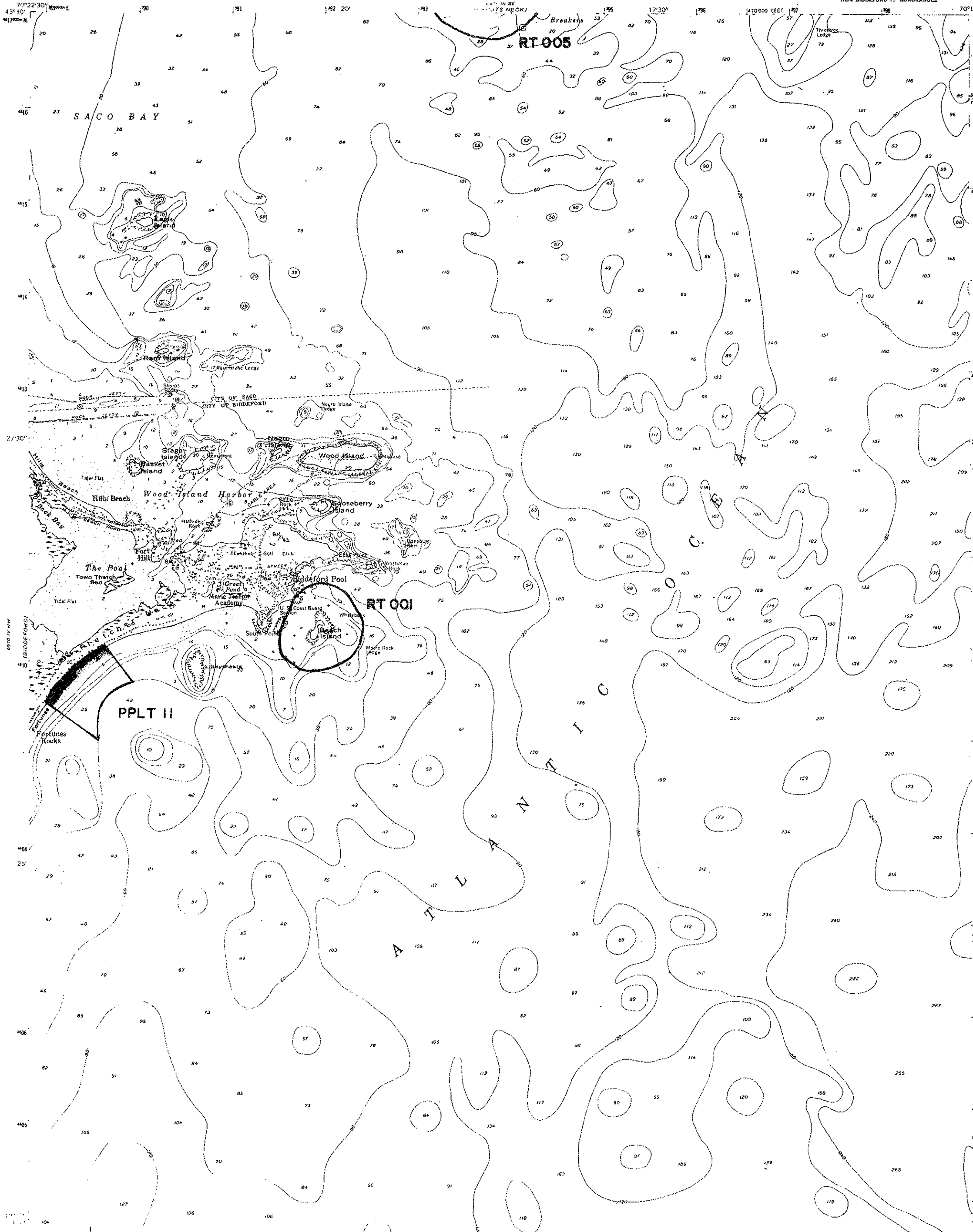
BELGRADE, MAINE
NE/4 AUGUSTA 15' QUADRANGLE
N4422.5—W6945/7.5
1980
DMA 7072 IV NE—SERIES V811

effective 2/20/98


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
BIDDEFORD QUADRANGLE
MAINE—YORK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 BIDDEFORD 15' QUADRANGLE
70°30'
43°30'
70°22'30"
SACO
SACO RIVER
BIDDEFORD
OLD ORCHARD BEACH
Bay View
PPLT 08
Thunder Island
Fire Point
Factory Island
Mouse Island
Tidal Flat
Long Pond
Short Pond
Ferry Beach
Camp Ellis
Saco Beach
Biddeford Airport
Proctor
Jon Hill
Oakridge
Gravel Pits
Ten Kettle Corner
Oak Ridge
Newtown
Whitten Hills
Round Swamp
Fortunes Rocks
Lords Pond
Horseshoe Cove
Hays Rock
New Barn Cove
Curtis Cove
Brackett's Point
Timber Point
Timber Island
Goose Rocks Beach
Clock Farm Corner
Crow Swamp
Adams Corner
Batson
Millers Crossing
Trolley Museum
Arundel Swamp
Arundel Town House Corner
Cape Porpoise
Stevens Cove
Pitcher Point
KENNEBUNKPORT
ARUNDEL
PPLT 03
RT 006
ATLANTIC
OCEAN
effective 5/31/95
Mapped by the Army Map Service
Edited and published by the Geological Survey
Control by USGS and USC&GS
Culture and drainage in part compiled by Corps of Engineers, U. S. Army, from aerial photographs taken 1943. Revised 1956
Topography by planetable surveys by the Geological Survey 1941
Hydrography compiled from USC&GS charts 231 (1954) and 1205 (1954)
Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue
Red tint indicates areas in which only landmark buildings are shown
SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 8.7 FEET
UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
QUADRANGLE LOCATION
ROAD CLASSIFICATION
Heavy-duty
Medium-duty
Light-duty
Unimproved dirt
U.S. Route
State Route
Interstate Route
BIDDEFORD, ME.
NW/4 BIDDEFORD 15' QUADRANGLE
N4322.5—W7022.5/7.5
1956
PHOTOREVISED 1970
AMS 6970 IV NW—SERIES V811

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BIDDEFORD POOL QUADRANGLE
MAINE—YORK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 BIDDEFORD 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USC&GS

Culture and shoreline in part compiled by Corps of Engineers, U. S. Army, from aerial photographs taken 1941. Revised 1956

Topography by planetable surveys by the Geological Survey 1941

Hydrography compiled from USC&GS charts 231 (1954) and 1205 (1954)

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue

Revisions shown in purple compiled from aerial photographs taken 1970. This information not field checked

UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET. DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS 8.7 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

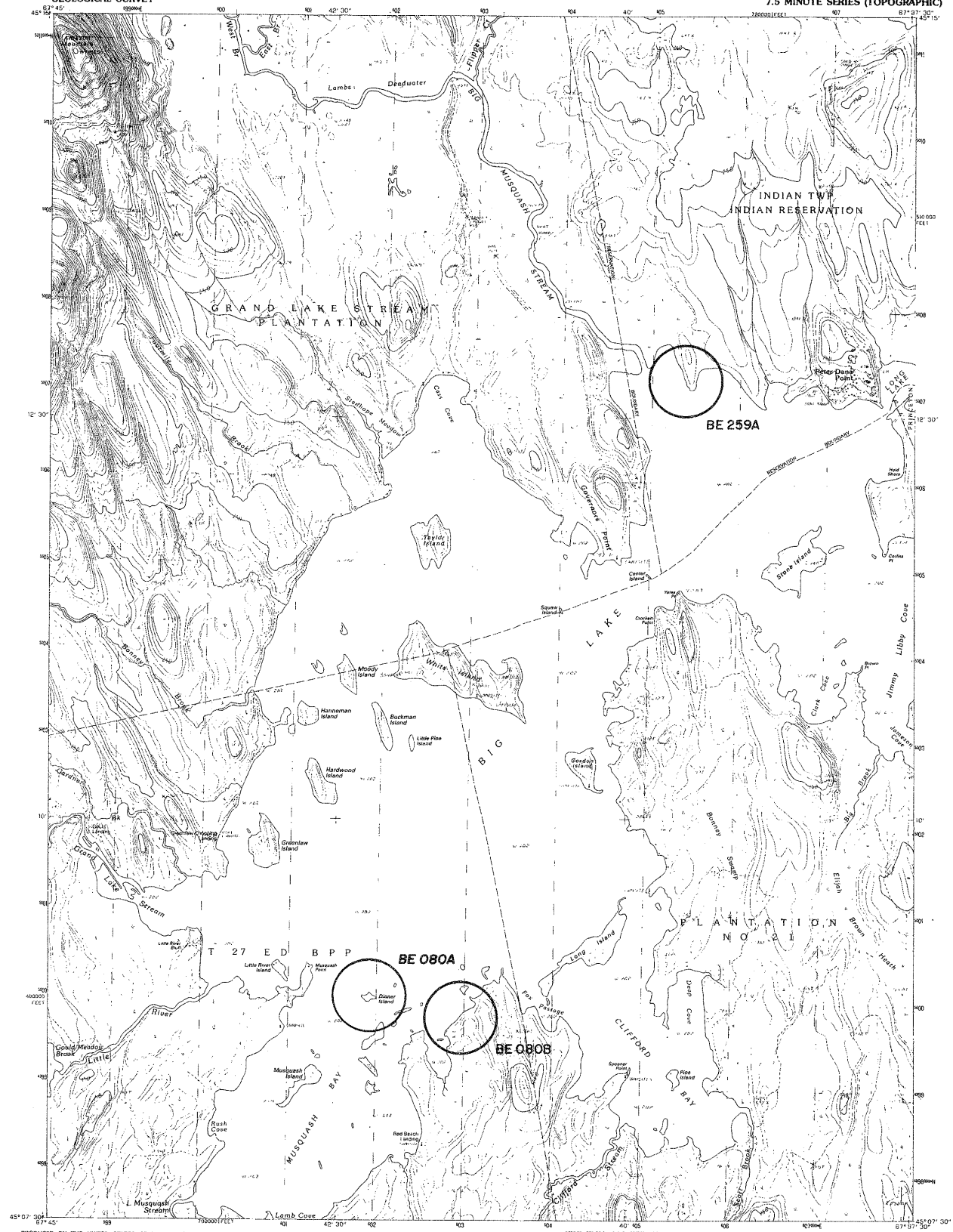
ROAD CLASSIFICATION
Medium-duty Light-duty
State Route

BIDDEFORD POOL, ME.
NE/4 BIDDEFORD 15' QUADRANGLE
N4322.5—W7015/7.5
1956
PHOTOREVISED 1970
AMS 6970 IV NE—SERIES V811

effective 10/29/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BIG LAKE QUADRANGLE
MAINE–WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



45°07'30" 67°45' 45°15' 67°37'30"

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY.....USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN.....1984
FIELD CHECKED.....1986. MAP EDITED.....1990
PROJECTION.....TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR.....ZONE 19
10,000-FOOT STATE GRID TICKS.....MAINE, EAST ZONE
UTM GRID DECLINATION.....0°56' EAST
1990 MAGNETIC NORTH DECLINATION.....19°30' WEST
VERTICAL DATUM.....NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM.....1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (48 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000
1 KILOMETERS 0 1 2
METERS 1000 2000
1 0 1
MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000
FEET
CONTOUR INTERVAL 10 FEET
To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4	-	5
6	7	8

1 Oxbrook Lakes
2 Wallis
3 Tomah Ridge
4 Grand Lake Stream
5 Princeton
6 Maxmore Lake
7 Clifford Lake
8 Crawford Lake

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U.S. Route State Route

BIG LAKE, MAINE
PROVISIONAL EDITION 1990
45067-B6-TF-024

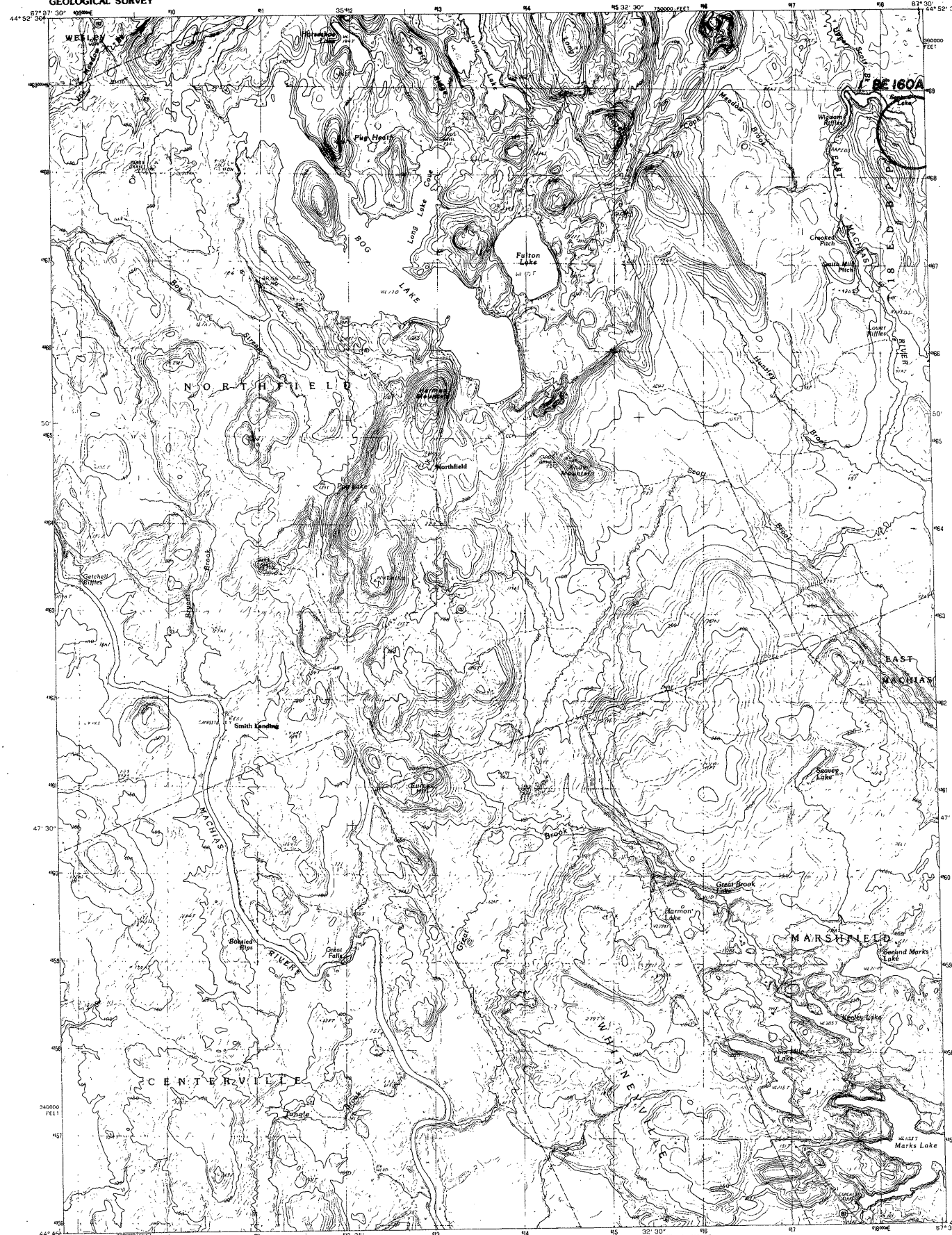
BIG LAKE, NW, MAINE
WESLEY PROJ. - PPE

Big Lake Me.

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BOG LAKE QUADRANGLE
MAINE-WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U. S. Route State Route

BOG LAKE, MAINE
PROVISIONAL EDITION 1990
44067-G5-TF-024

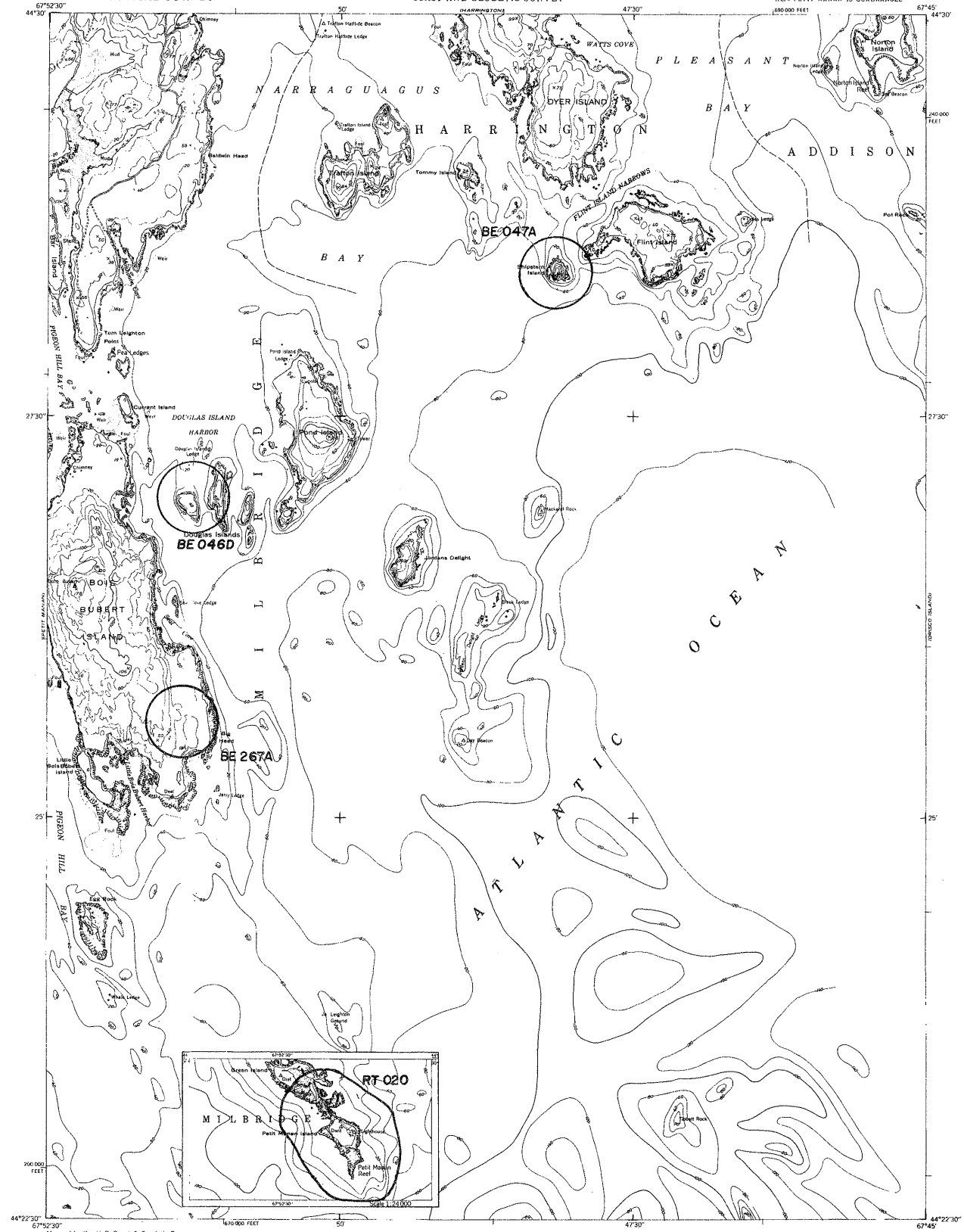
Bog Lake, Maine

effective 3/1/91

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

BOIS BUBERT QUADRANGLE
MAINE-WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 PETIT MANAN 15' QUADRANGLE



Mapped by the U. S. Coast & Geodetic Survey
Edited and published by the Geological Survey

Control by USC&GS

Culture and shoreline in part compiled from aerial photographs taken 1944
Topography from aerial photographs by multiplex methods supplemented by plane-table surveys 1945. Field check 1948
Hydrography from surveys dated 1870 to 1902 and supplementary information to 1927

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system east zone

No distinction is made between dwellings, barns, commercial and industrial buildings

Unchecked elevations are shown in brown

APPROXIMATE MEAN DECLINATION, 1948
19° MAGNETIC NORTH
TRUE NORTH

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 11 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USC&GS T-8648

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS	DRY WEATHER ROADS
Heavy-duty	Improved dirt
Medium-duty	Unimproved dirt
Loose-surface, graded, or narrow hard-surface	
U. S. Route	State Route

BOIS BUBERT, ME.
NE/4 PETIT MANAN 15' QUADRANGLE
N4422.5—W6745/7.5

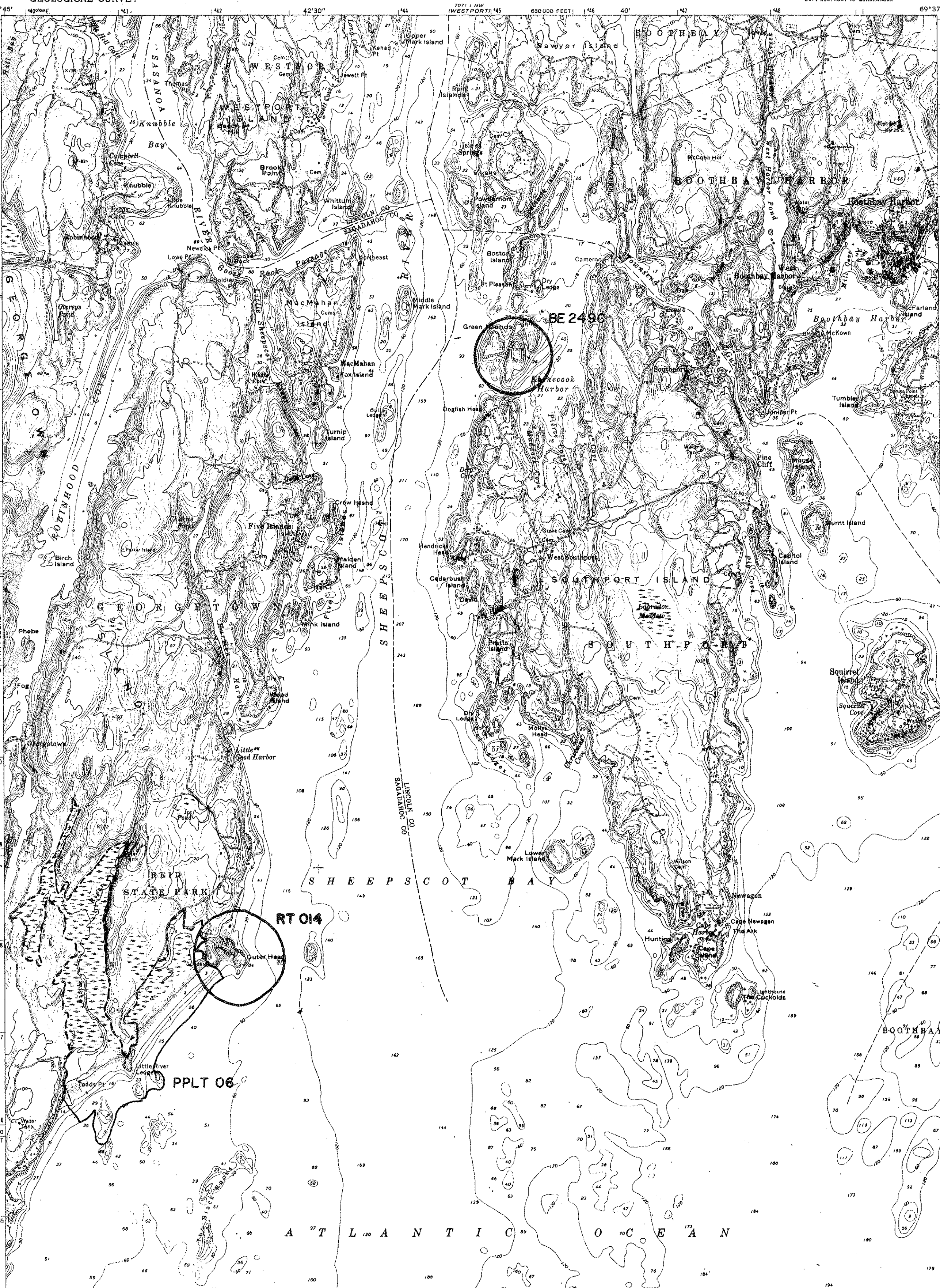
EDITION OF 1950

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MAINE
PUBLIC UTILITIES COMMISSION

BOOTHBAY HARBOR QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 BOOTHBAY 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1970

Selected hydrographic data compiled from USC&GS Charts 230 (1971), 238 (1970), and 314 (1972)
This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, west zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue. 1927 North American datum

MN GN 17½° 311 MILS 0°29' 9 MILS

UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 9 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

MAINE
QUADRANGLE LOCATION

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1974

ROAD CLASSIFICATION

Primary highway, hard surface
Light-duty road, hard or improved surface
Secondary highway, hard surface
Unimproved road
Interstate Route U. S. Route State Route

BOOTHBAY HARBOR, MAINE
SW/4 BOOTHBAY 15' QUADRANGLE
N4345—W6937.5/7.5

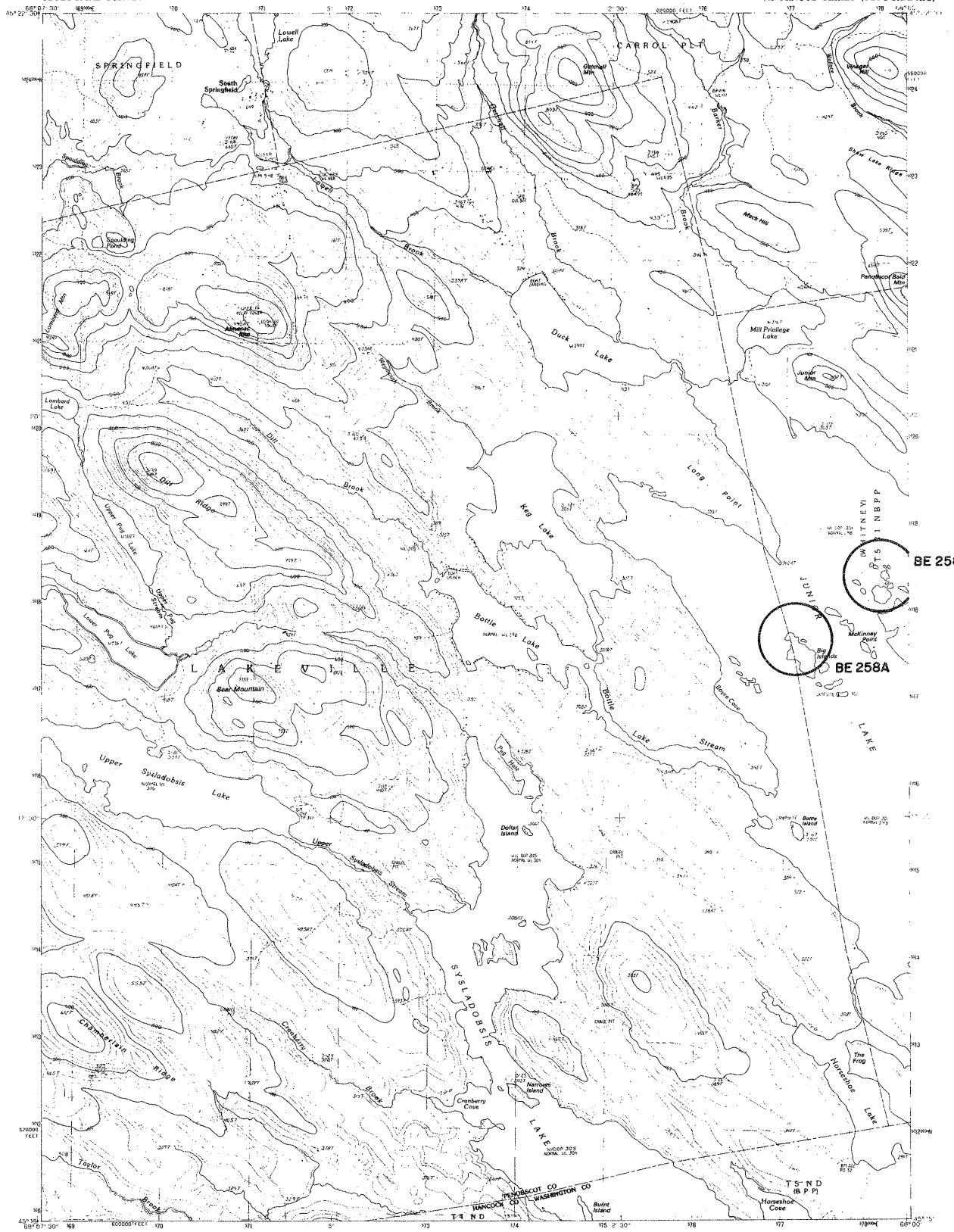
1970

AMS 7071 I SW—SERIES V811

effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BOTTLE LAKE QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOSO/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1966
FIELD CHECKED ..... 1986 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°48' EAST
1983 MAGNETIC NORTH DECLINATION ..... 15°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 66 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between horses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Springfield
2 Kossuth Mountain
3 Dill Hill
4 Web Pond
5 Kennedy Lake
6 Spring Lake
7 Duck Lake
8 Duck Cove Mountain

ADJOINING 7.5' QUADRANGLE NAMES

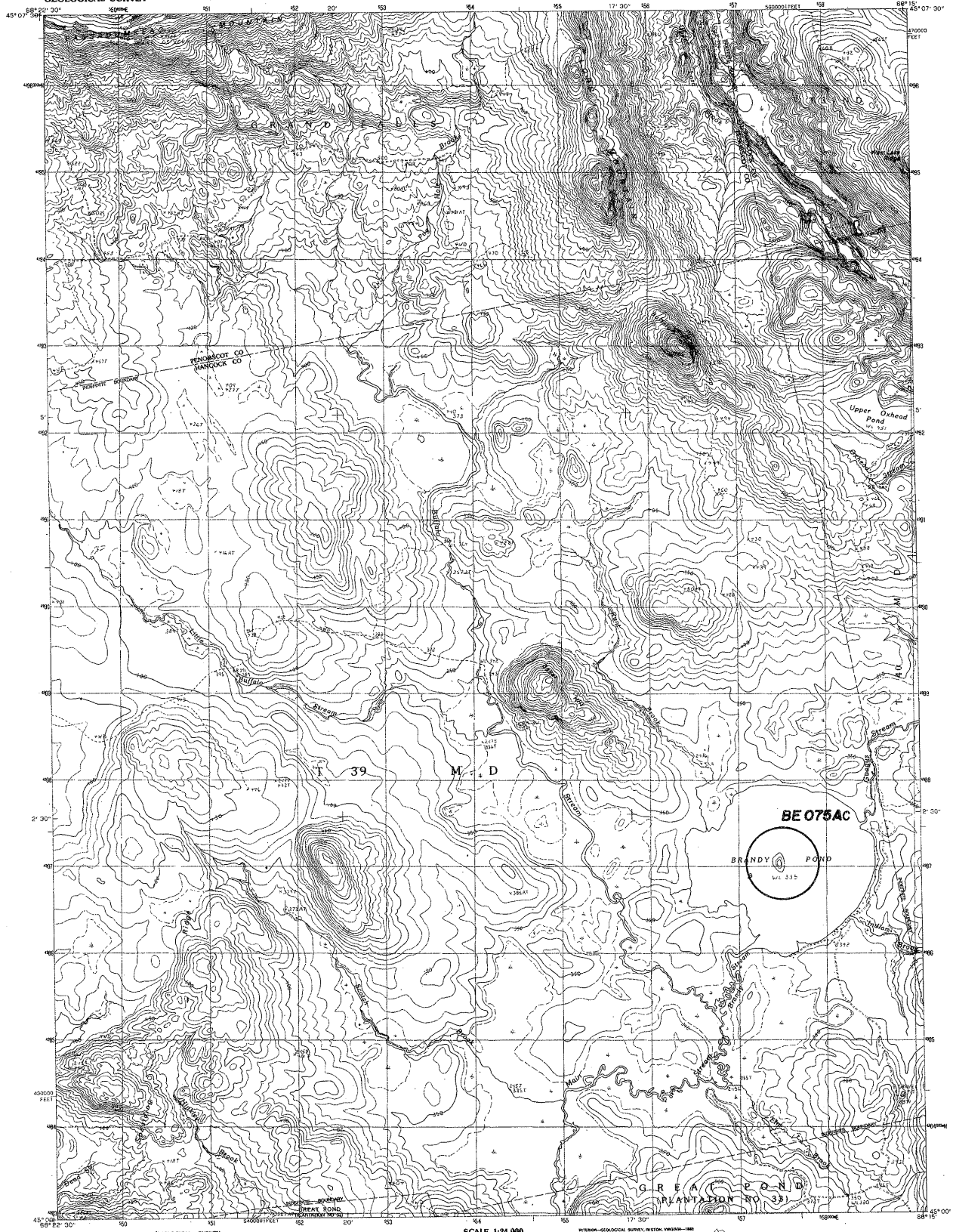
ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U. S. Route State Route

BOTTLE LAKE, ME.
PROVISIONAL EDITION 1988
45065-C1-TF-024

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BRANDY POND QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1981
FIELD CHECKED ..... 1988 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°59' EAST
1988 MAGNETIC NORTH DECLINATION ..... 17°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 45 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000
INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988
1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10,000 FEET
1 0 1 2 KILOMETERS
1000 0 1000 2000 METERS
CONTOUR INTERVAL 10 FEET

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Burlington
2 Saponac
3 Spring Lake
4 Greenfield
5 West Lake
6 The Horseback
7 Great Pond
8 Alligator Lake

ADJOINING 7.5' QUADRANGLE NAMES

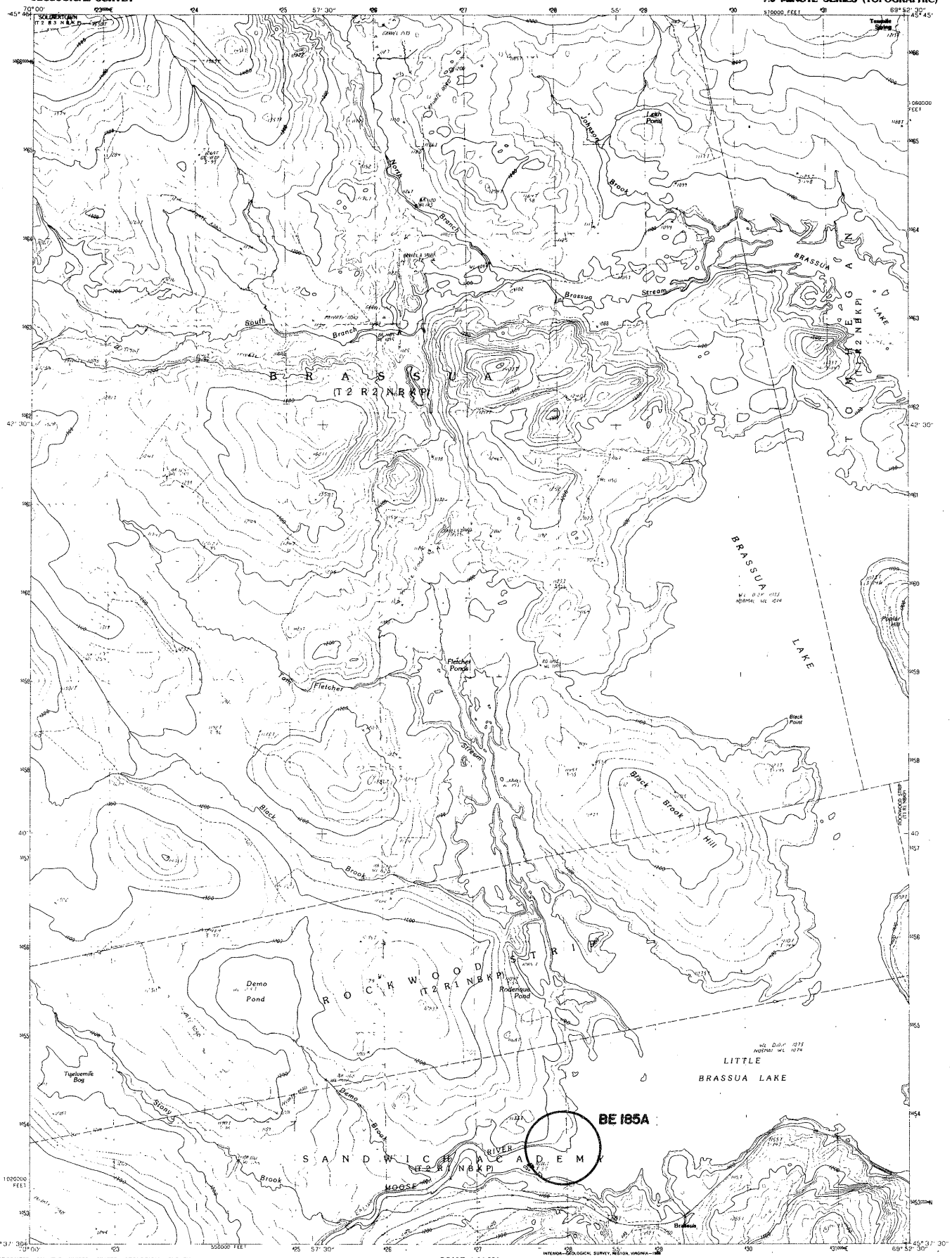
ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U.S. Route State Route

BRANDY POND, MAINE
PROVISIONAL EDITION 1988
45068-A3-TF-024

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BRASSUA LAKE WEST QUADRANGLE
MAINE - SOMERSET CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1983
FIELD CHECKED ..... 1985. MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, WEST ZONE
UTM GRID DECLINATION ..... 0°40' WEST
1988 MAGNETIC NORTH DECLINATION ..... 18°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters south and 61 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET
1 0 1 KILOMETERS
1000 0 1000 2000 METERS

CONTOUR INTERVAL 20 FEET

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Canada Falls Lake
2 Tomhegan Road
3 Socatean Bay
4 Churchill Stream
5 Brassua Lake East
6 Long Pond
7 Misery Knob
8 Indian Pond North

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....

Interstate Route U.S. Route State Route

BRASSUA LAKE WEST, MAINE

PROVISIONAL EDITION 1988

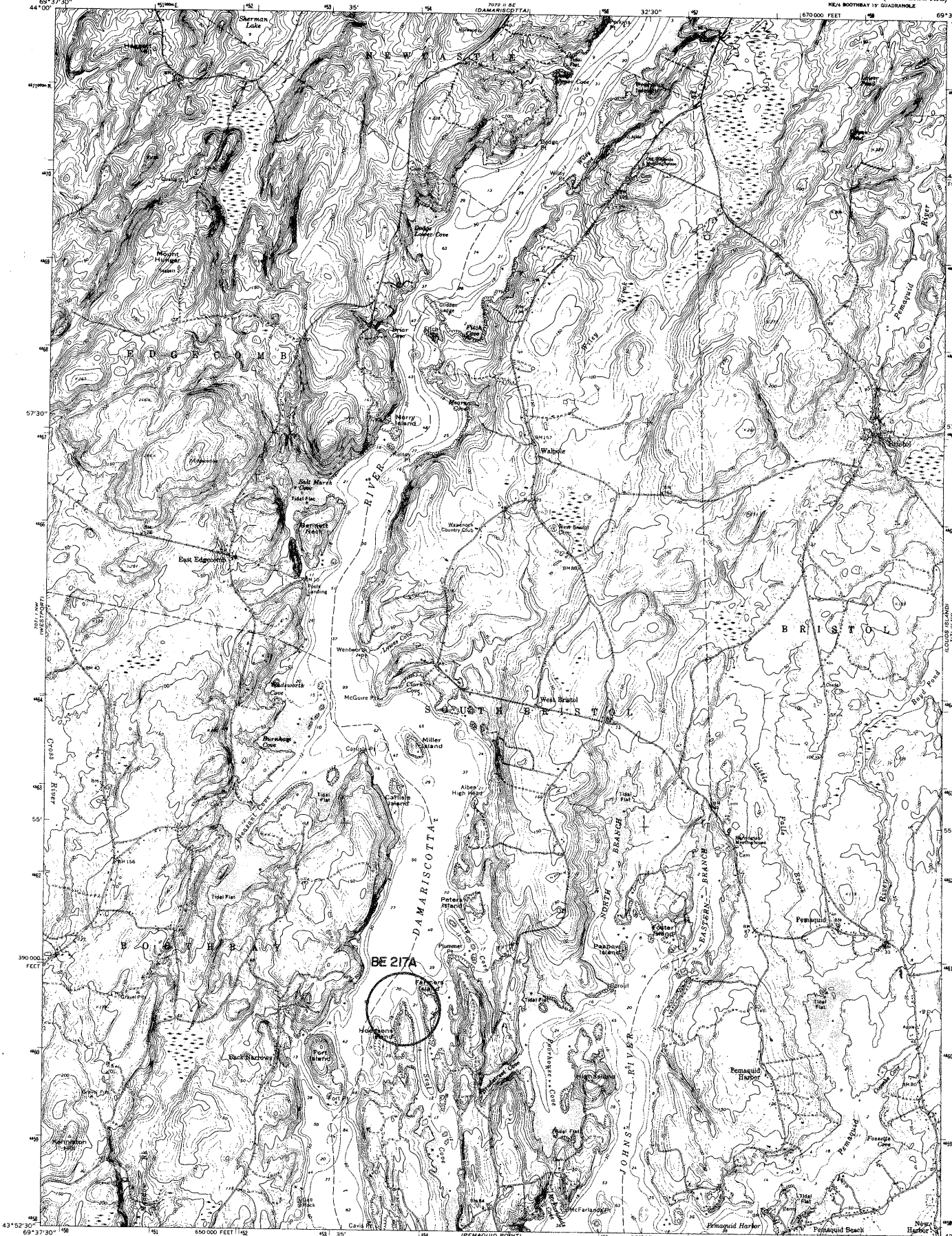
45069-FR-TF-024

effective 3/1/91

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MAINE
PUBLIC UTILITIES COMMISSION

BRISTOL QUADRANGLE
MAINE–LINCOLN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 BOOTHBAY 15' QUADRANGLE



effective 5/23/94

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1969

Selected hydrographic data compiled from USC&GS Chart 314 (1972)
This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, west zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue. 1927 North American datum

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 8.9 FEET

UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U. S. Route / State Route

QUADRANGLE LOCATION

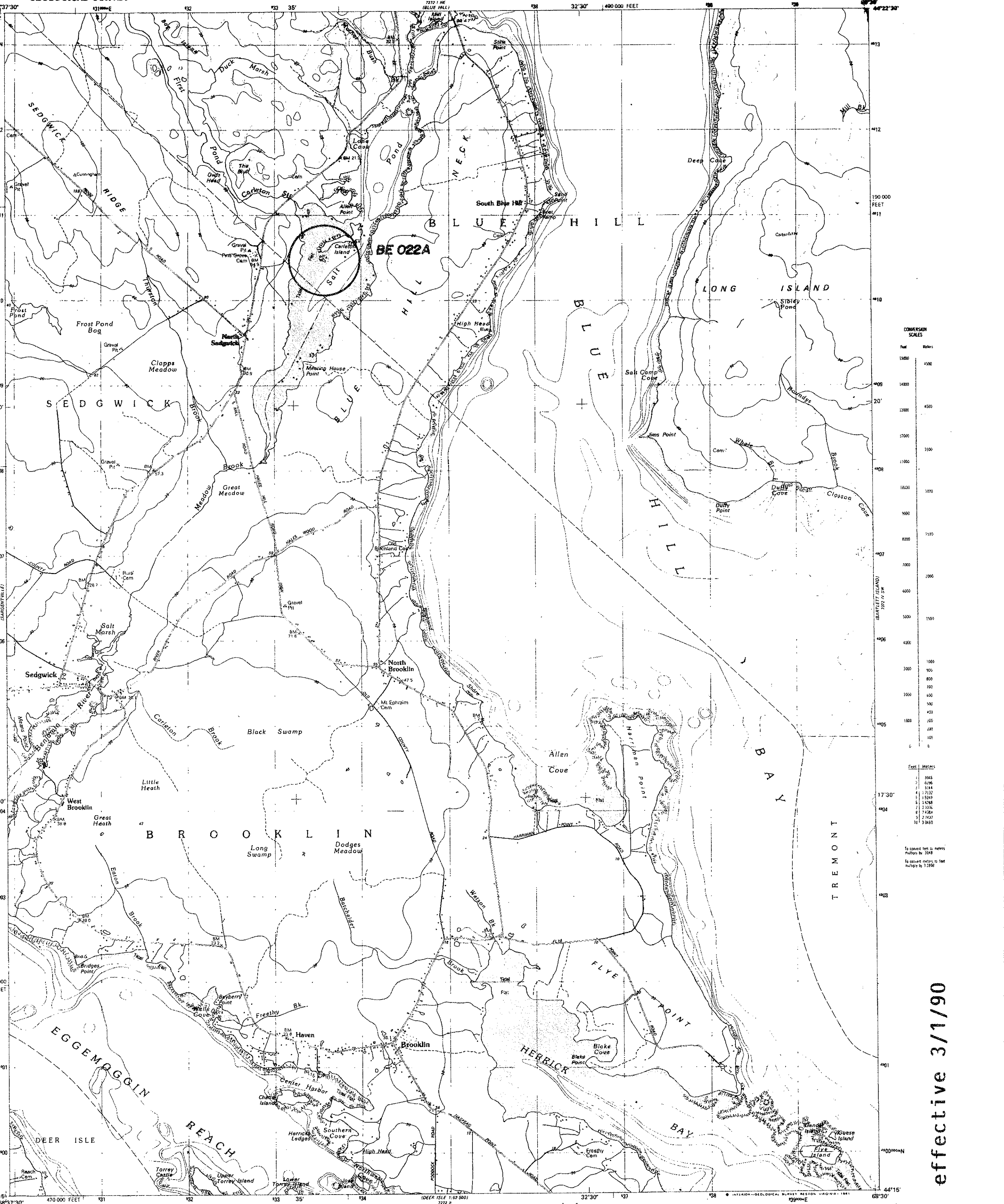
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

BRISTOL, MAINE
NE/4 BOOTHBAY 15' QUADRANGLE
N4352.5—W6930/7.5

1969

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BROOKLIN QUADRANGLE
MAINE–HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 BLUE HILL 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1977. Map edited 1981

Selected hydrographic data compiled from NOS chart 13316 (1977)
This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 2 meters south and 46 meters west as shown by dashed corner ticks

UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 6 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST METER
DEPTH CURVES AND SOUNDINGS IN METERS–DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 3.1 METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U. S. Route / State Route

BROOKLIN, MAINE
SE/4 BLUE HILL 15' QUADRANGLE
N4415–W6830/7.5

1981

DMA 7272 I SE–SERIES V811

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BRUNSWICK QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 BATH 15' QUADRANGLE

BE 204A
BE 204B
BE 204C

effective 3/31/95

Mapped, edited, and published by the Geological Survey
Control by USGS, NOS/NOAA, and Maine Geodetic Survey
Topography by photogrammetric methods from aerial photographs taken 1972. Field checked 1974. Map edited 1980
Selected hydrographic data compiled from NOS charts 13290 (1979) and 13293 (1979). This information is not intended for navigation purposes
Projection and 10,000-foot grid ticks: Maine coordinate system, west zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 4 meters south and 42 meters west as shown by dashed corner ticks
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked
Red tint indicates areas in which only landmark buildings are shown

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER
1 0 1

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 9.3 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

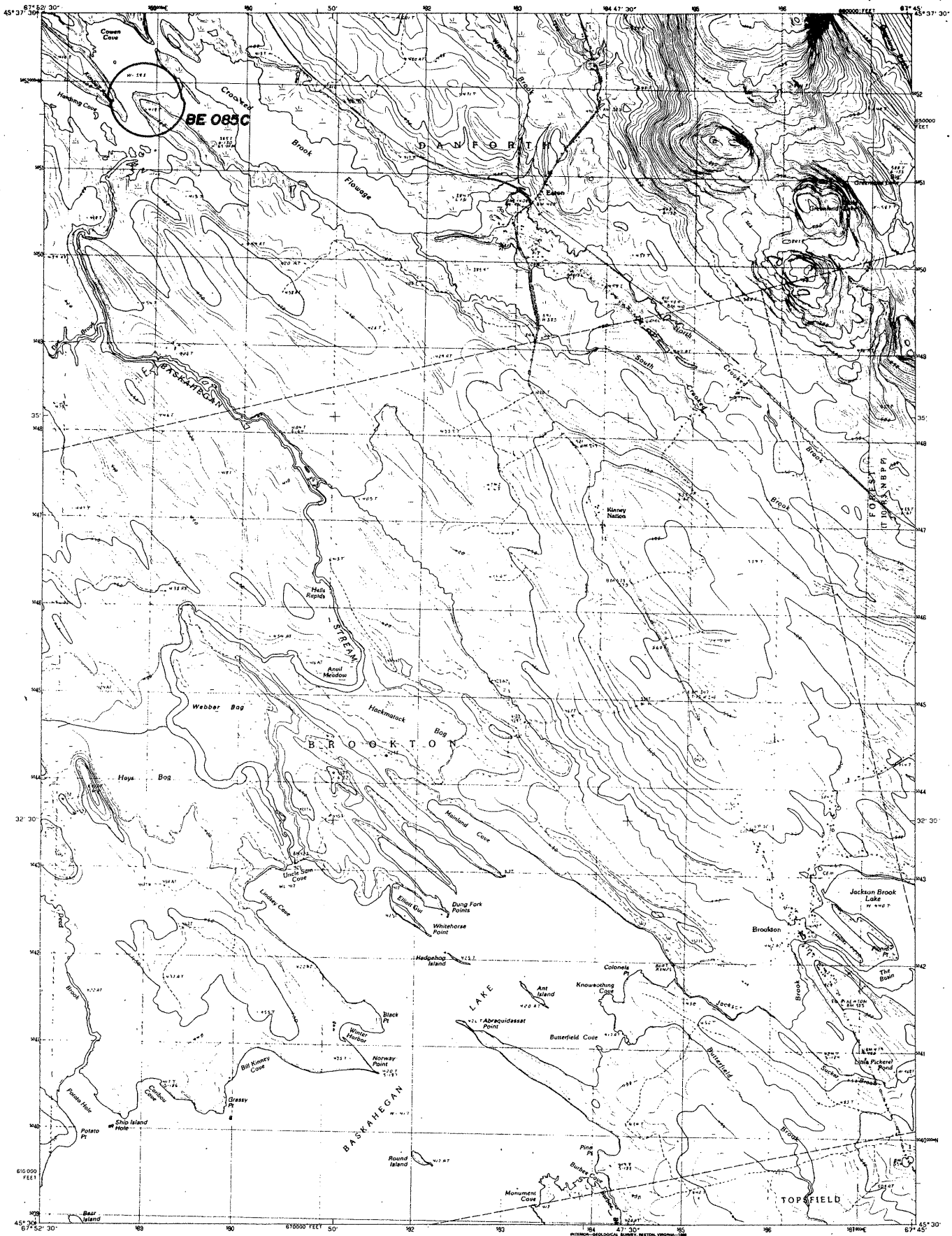
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route U. S. Route State Route

BRUNSWICK, MAINE
NW/4 BATH 15' QUADRANGLE
N4352.5—W6952.5/7.5
1980
DMA 7071 IV NW—SERIES V811

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BROOKTON QUADRANGLE
MAINE–WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1966
FIELD CHECKED ..... 1986 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°51' EAST
1988 MAGNETIC NORTH DECLINATION ..... 19°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (46 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

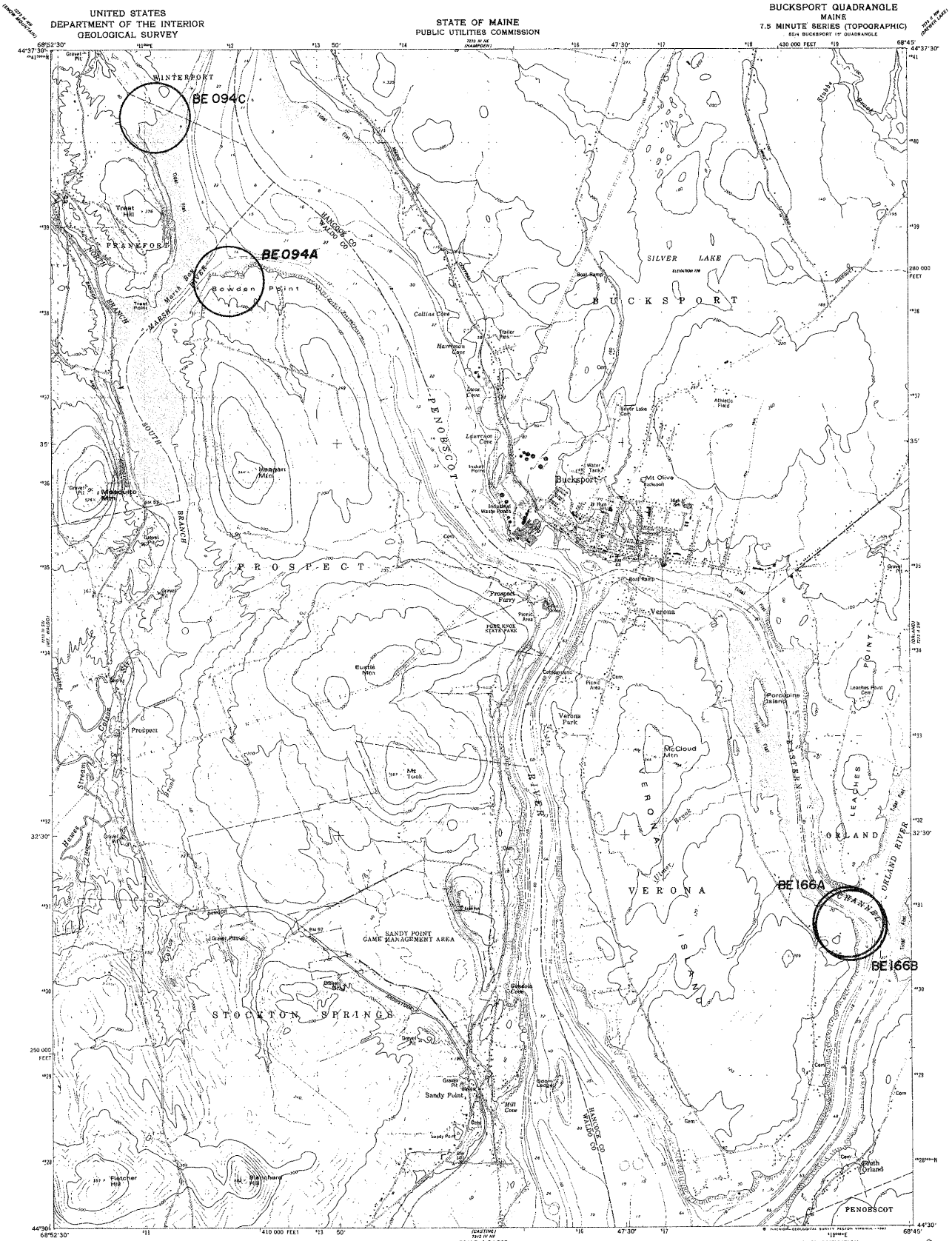
1. Jimmy Mountain
2. Danforth
3. Forest City
4. Seboeis Mountain
5. Forest
6. Mt Hor
7. Forest Mountain
8. Tomah Mountain

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route ◯ U. S. Route ◯ State Route

BROOKTON, MAINE
PROVISIONAL EDITION 1988
45067-E7-TF-024

effective 3/1/90



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1979. Map edited 1982

Selected hydrographic data compiled from NOS chart 13309 (1981) This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 2 meters south and 45 meters west as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

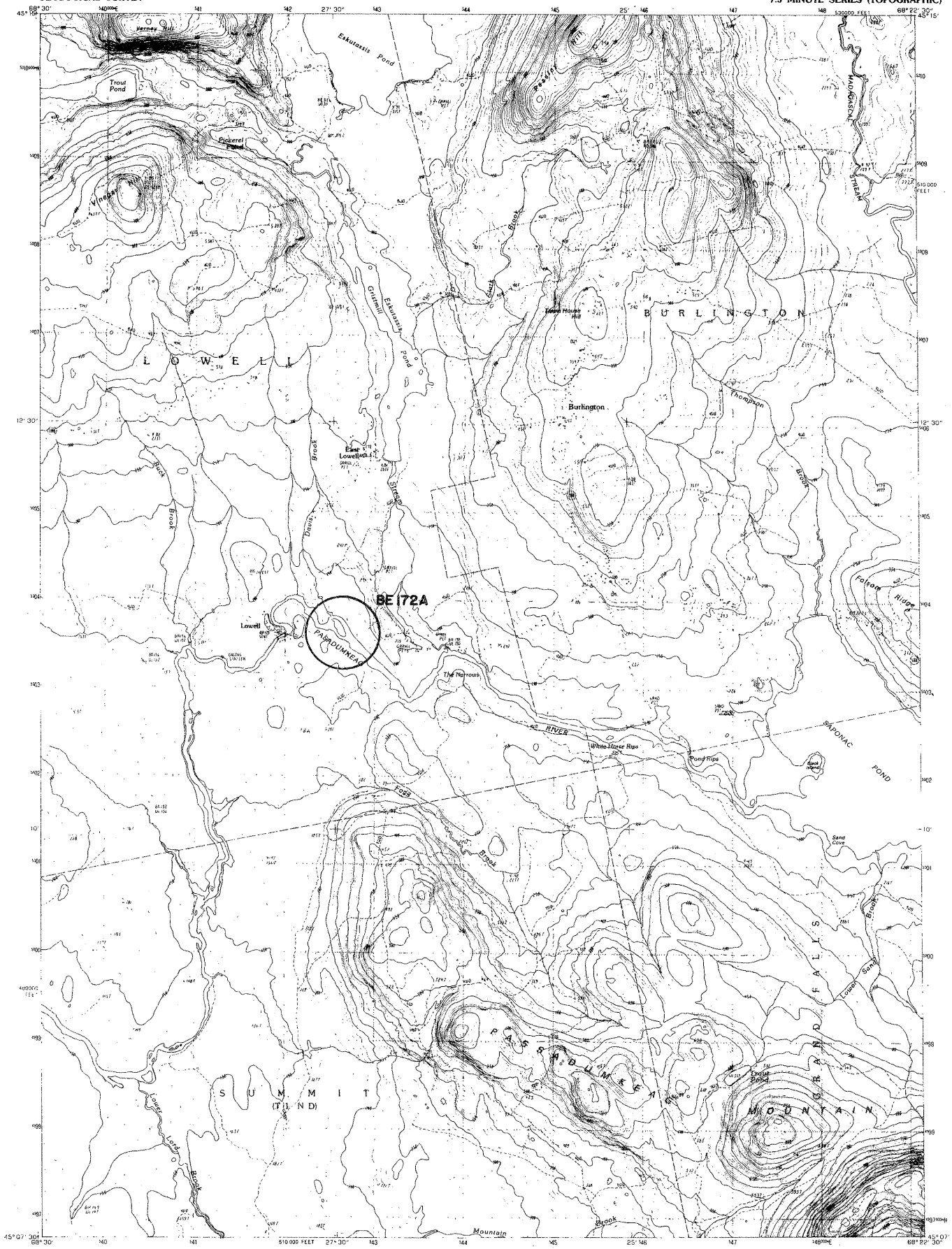
VTM GRID AND 1992 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BURLINGTON QUADRANGLE
MAINE–PENOBSCOT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:24 000

INTERIOR–GEOLOGICAL SURVEY, RESTON, VIRGINIA 1988

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1981
FIELD CHECKED ..... 1981 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID 10000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°24' EAST
1988 MAGNETIC NORTH DECLINATION ..... 19°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 45 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

CONTOUR INTERVAL 10 FEET
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Lincoln West
2 Lincoln East
3 Lee
4 Passadumkeag
5 Saponac
6 Olamon
7 Greenfield
8 Brandy Pond

ADJOINING 7 5 QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....

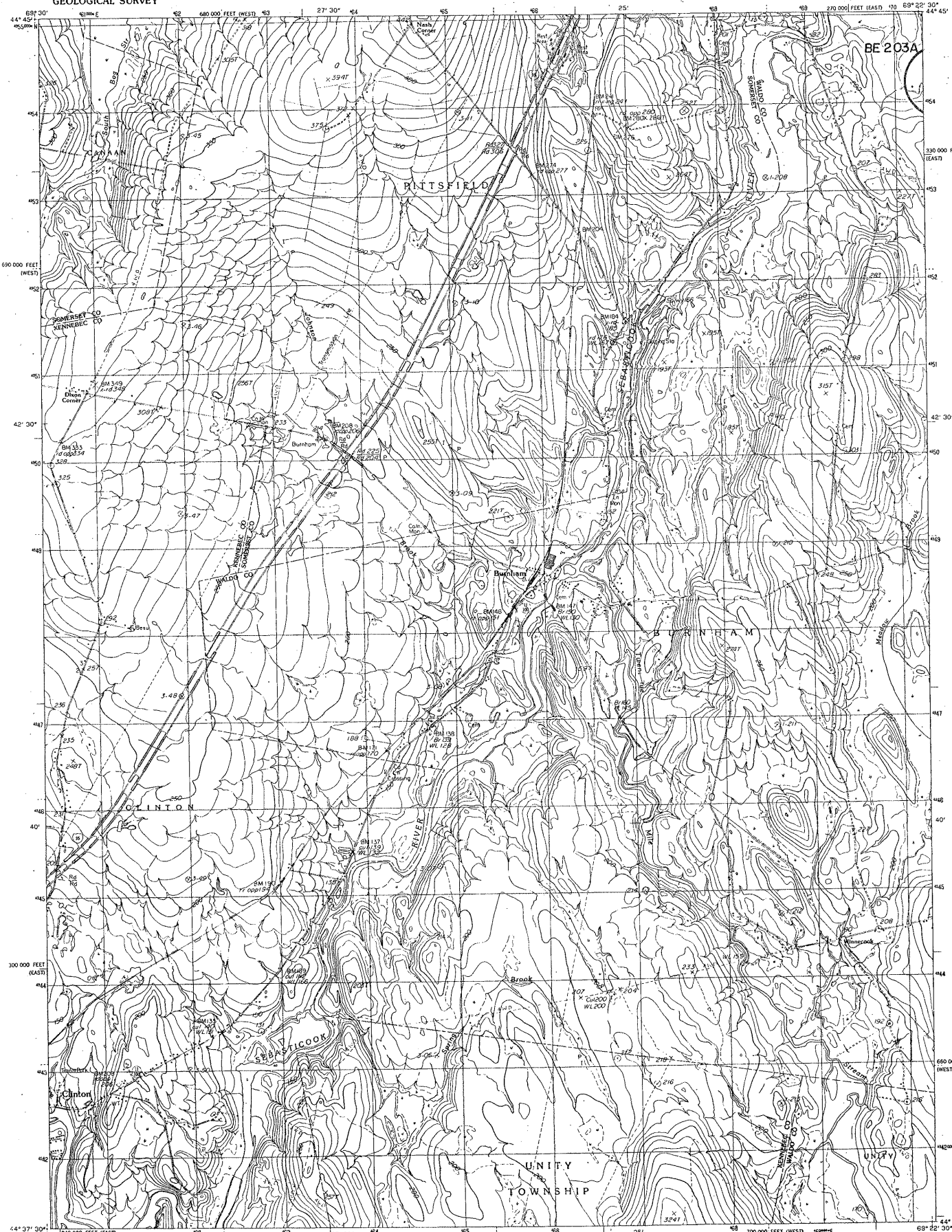
Interstate Route U. S. Route State Route

BURLINGTON, MAINE
PROVISIONAL EDITION 1988
45068-B4-TF-024

effective 3/1/91

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BURNHAM QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:24 000

KILOMETERS 1 0 1 2
METERS 1000 0 1000 2000
MILES 1/2 0 1/2 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

CONTOUR INTERVAL 10 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOSPOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
FIELD CHECKED ..... 1979 MAP EDITED 1982
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 10 000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST AND WEST ZONES
UTM GRID DECLINATION ..... 0°18' WEST
1982 MAGNETIC NORTH DECLINATION ..... 18°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (3 meters south and 43 meters west)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Canaan
2 Pittsfield
3 Newport
4 Clinton
5 Unity Pond
6 Fairfield
7 Albion
8 Unity

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

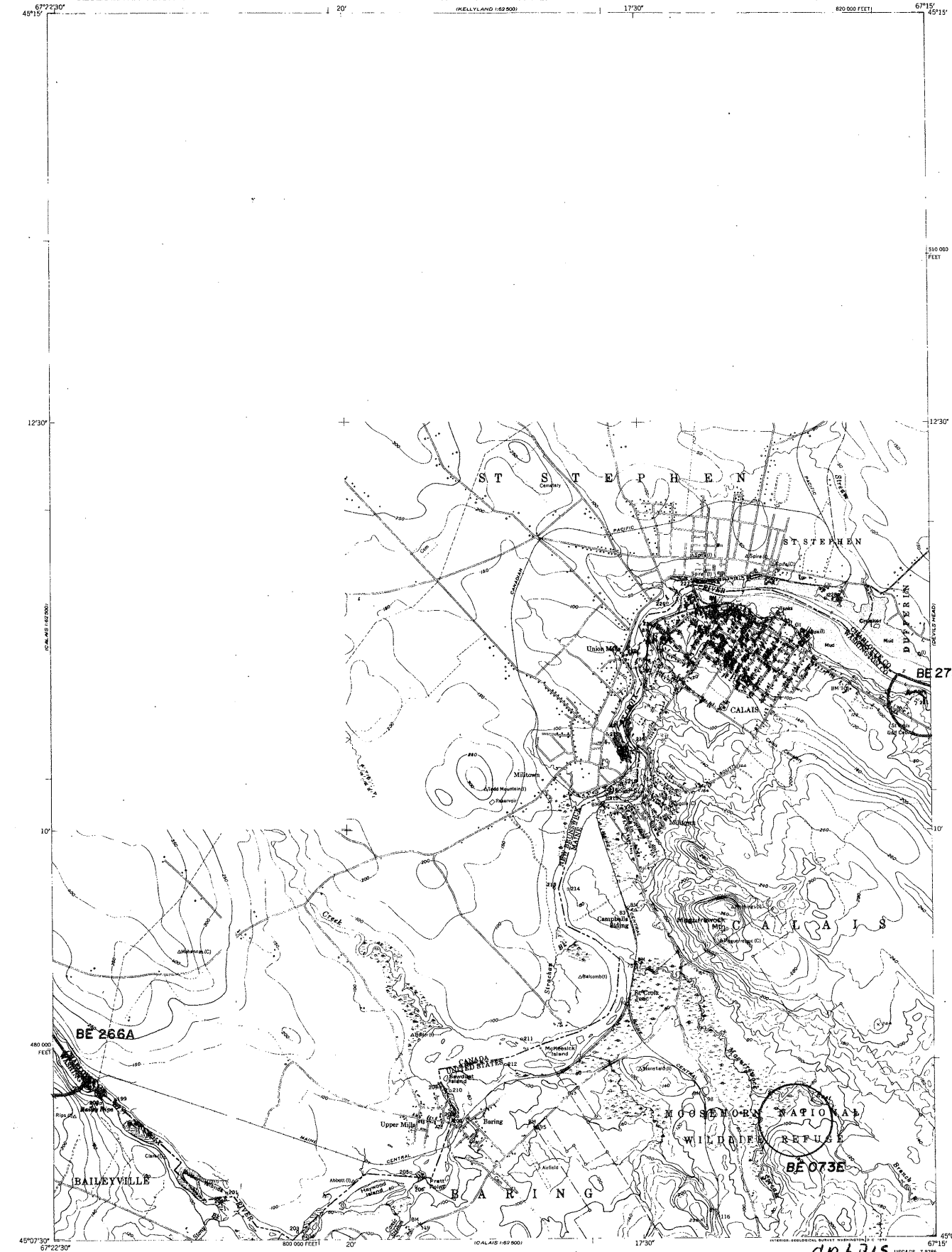
BURNHAM, MAINE
PROVISIONAL EDITION 1982
44069-F4-TF-024

effective 3/1/93

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

CALAIS QUADRANGLE
MAINE-WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 CALAIS 15' QUADRANGLE



effective 10/1/99

Mapped by the U. S. Coast & Geodetic Survey
Edited and published by the Geological Survey

Control by USC&GS (C) and International Boundary Commission (I)

U.S. topography from aerial photographs by multiplex method
Aerial photographs taken 1946. Field check 1949
Hydrography from surveys dated 1949
Canadian topography from International Boundary Commission and Canadian Department of Mines and Resources surveys dated 1938 to 1950

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, east zone

Red tint indicates areas in which only landmark buildings are shown

APPROXIMATE MEAN DECLINATION, 1949

CONTOUR INTERVAL 20 FEET IN THE UNITED STATES AND 50 FEET IN CANADA
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 20 FEET
THE U.S. PORTION OF THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

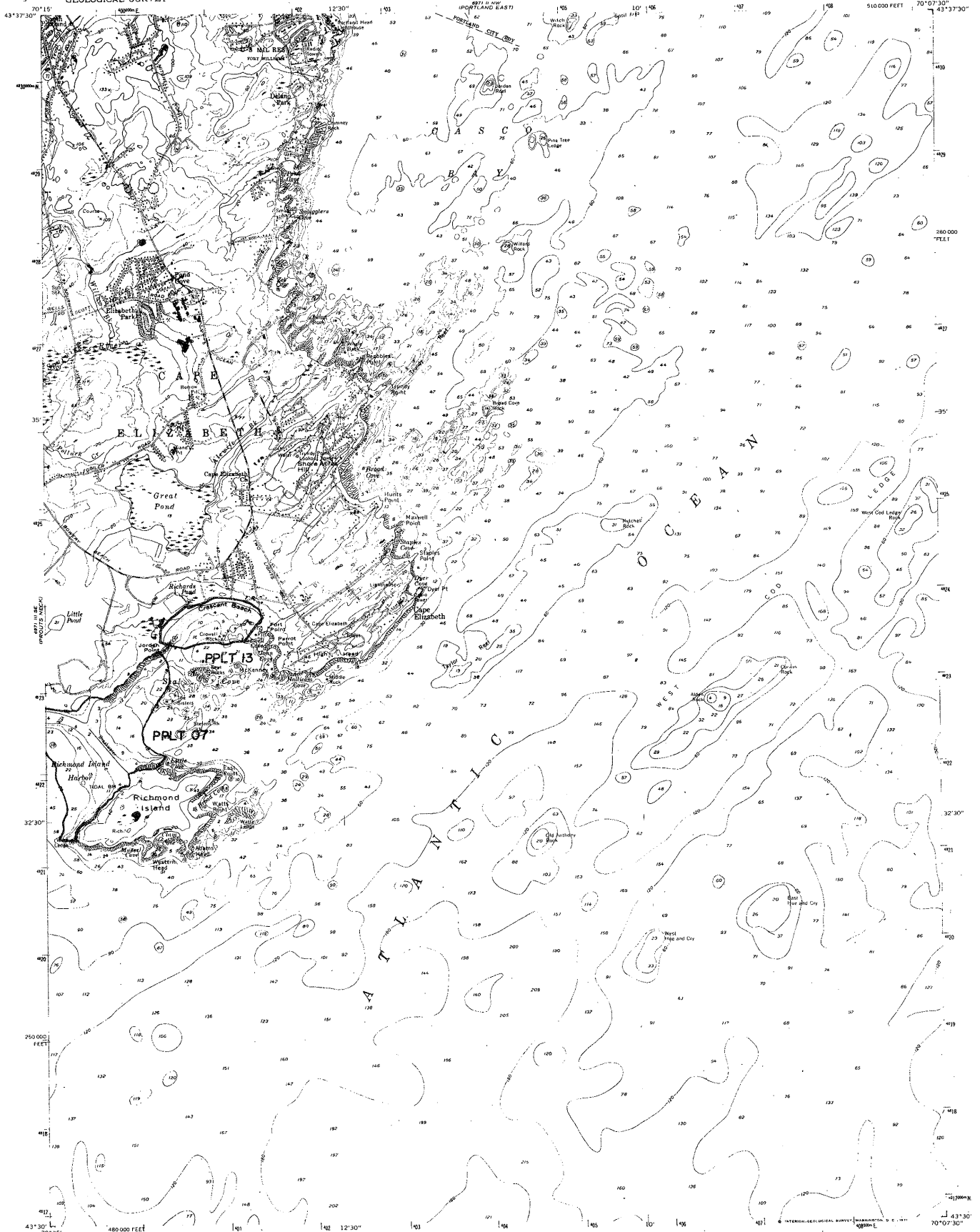
CALAIS, ME.
NE/4 CALAIS 15' QUADRANGLE
N4507.5-W6715/7.5

1949

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

CAPE ELIZABETH QUADRANGLE
MAINE–CUMBERLAND CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 CASCO BAY 15' QUADRANGLE



Mapped by the Army Map Service
Edited and published by the Geological Survey

Control by USC&GS

Culture and drainage in part compiled from aerial photographs taken 1943. Topography by planetable surveys 1944 Culture revised by the Geological Survey 1957

Hydrography compiled from USC&GS charts 231 (1954), 315 (1955), 325 (1955), and 1214 (1955)

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue

Unchecked elevations are shown in brown

SCALE 1:24 000

1 0 1 MILE
1000 0 2000 4000 6000 8000 10000 12000 14000 FEET
1 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

17° 302 MILS 0°49' 15 MILS
GN
UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

MAINE
QUADRANGLE LOCATION

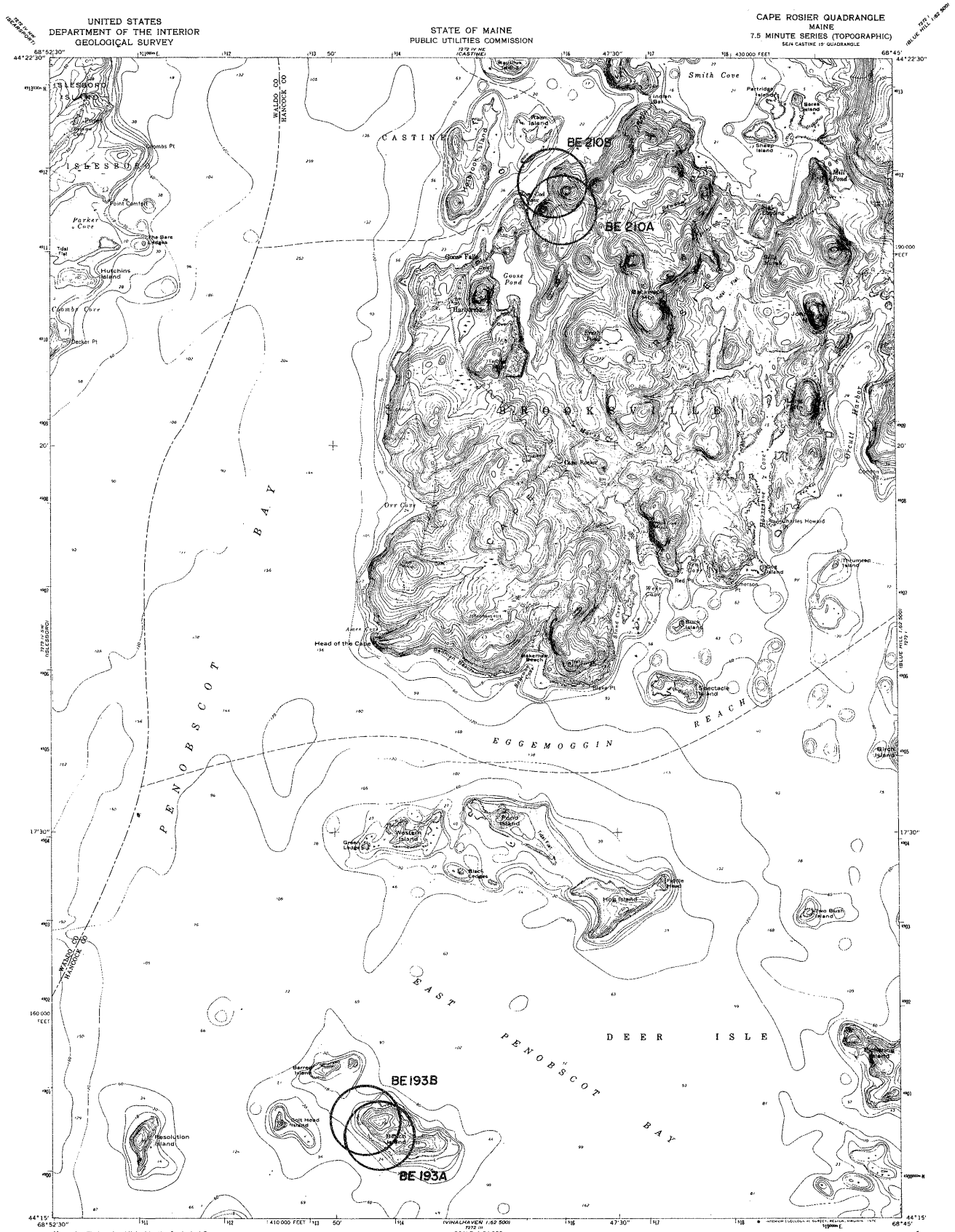
Revisions shown in purple compiled by the Geological Survey from aerial photographs taken 1970. This information not field checked

ROAD CLASSIFICATION
Heavy-duty Light-duty
Unimproved dirt
State Route

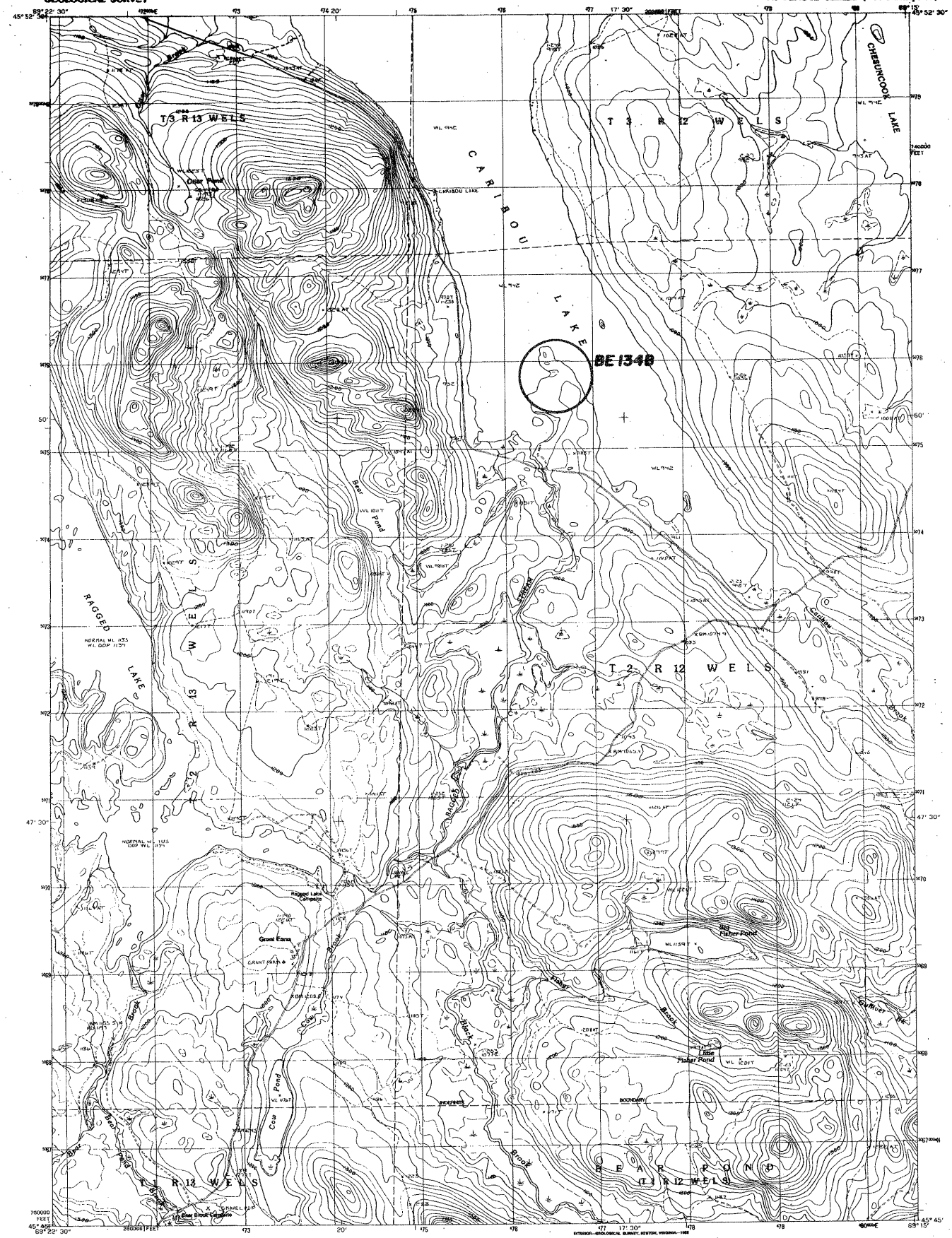
CAPE ELIZABETH, ME.
SW/4 CASCO BAY 15' QUADRANGLE
N4330—W7007.5/7.5

1957
PHOTOREVISED 1970
AMS 6971 II SW SERIES V811

effective 10/1/99



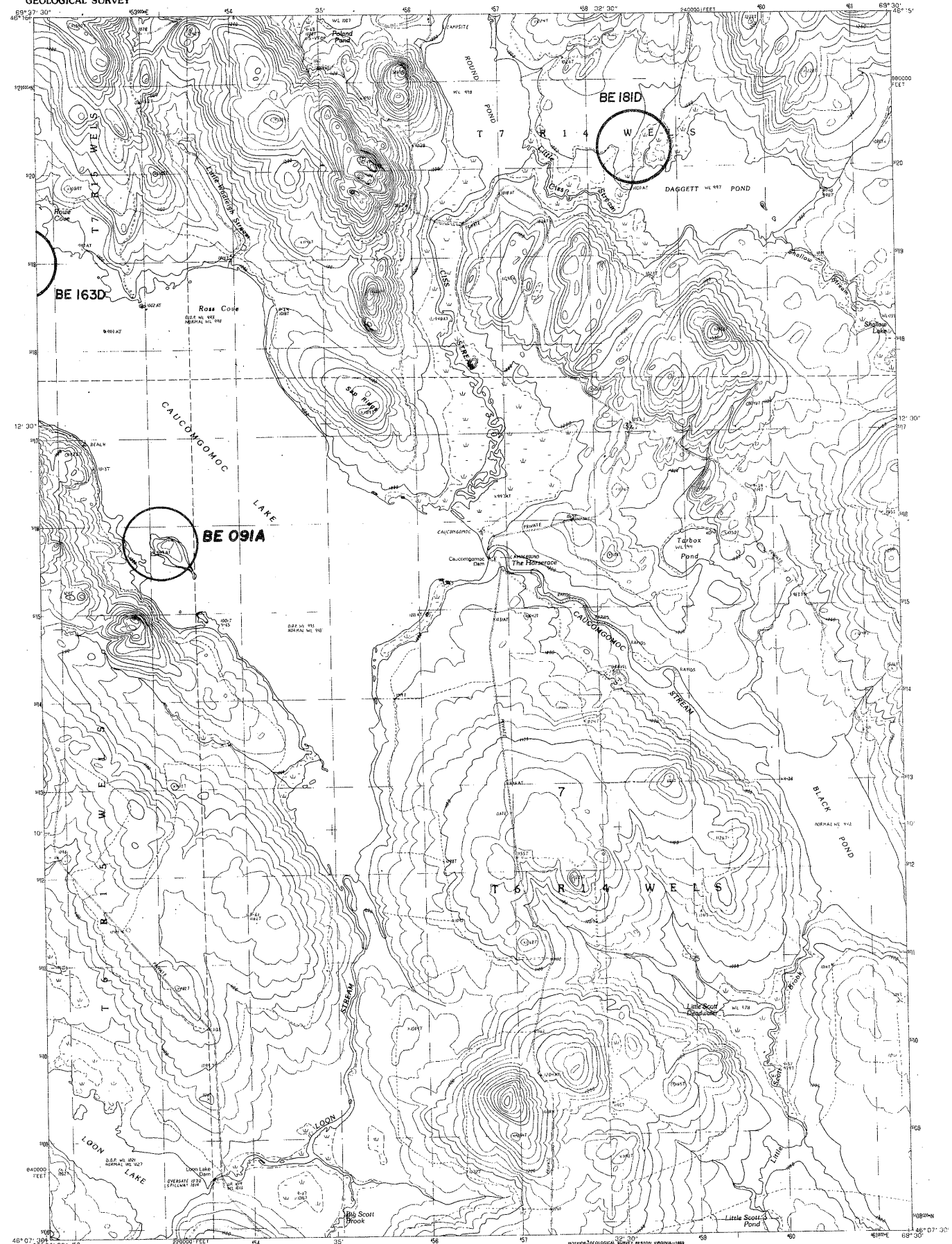
effective 2/20/98



effective 3/1/90

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CAUCOMGOMOC LAKE EAST QUADRANGLE
MAINE - PISCATAQUIS CO
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1985
FIELD CHECKED ..... 1986 MAP EDITED 1989
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°24' WEST
1989 MAGNETIC NORTH DECLINATION ..... 19°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 41 meters west)

There may be private inholdings within the boundaries of any Federal or State reservations shown on this map

No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

KILOMETERS / METERS
MILES / FEET

CONTOUR INTERVAL 20 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

MAINE

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Wadleigh Pond
2 Allagash Lake
3 Tramway
4 Caucomgomoc Lake West
5 Longley Pond
6 Bean Pot Pond
7 Ragmuff Stream
8 Chesuncook

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....

Interstate Route U. S. Route State Route

CAUCOMGOMOC LAKE EAST, MAINE

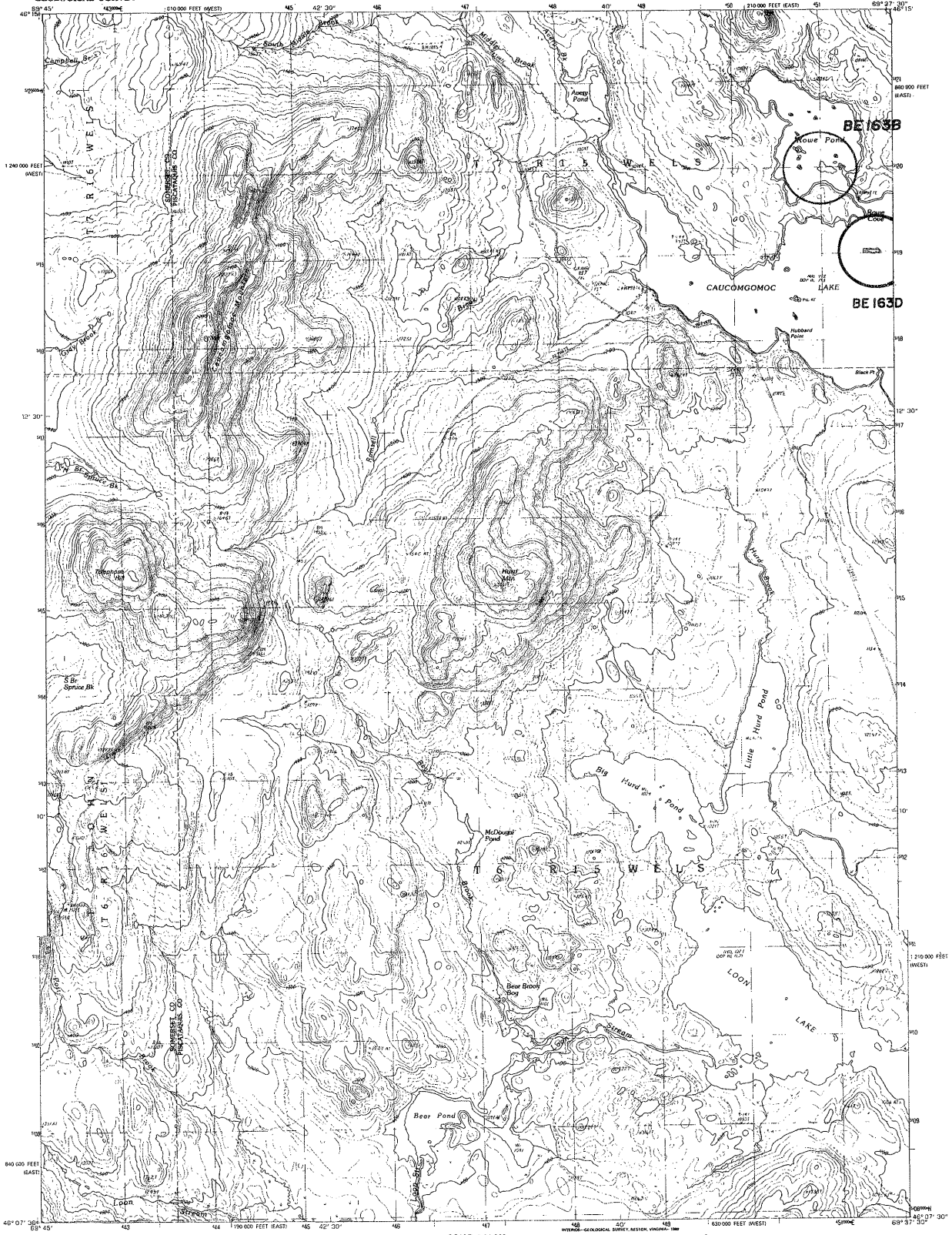
PROVISIONAL EDITION 1989

46069-B5-TF-024

effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CAUCOMGOMOC LAKE WEST QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1985
FIELD CHECKED ..... 1986 MAP EDITED 1989
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE AND WEST ZONE
UTM GRID DECLINATION ..... 0°30' WEST
1989 MAGNETIC NORTH DECLINATION ..... 19°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 61 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000
KILOMETERS / METERS / MILES / FEET
CONTOUR INTERVAL 20 FEET
To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

ADJOINING 7.5' QUADRANGLE NAMES
1 Tarrow Pond
2 Wadleigh Pond
3 Kineo Lake
4 Spring Brook
5 Caucomgomoc Lake East
6 Tomell Mountain
7 Bean Pet Pond
8 Ragmuff Stream

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route
U. S. Route
State Route

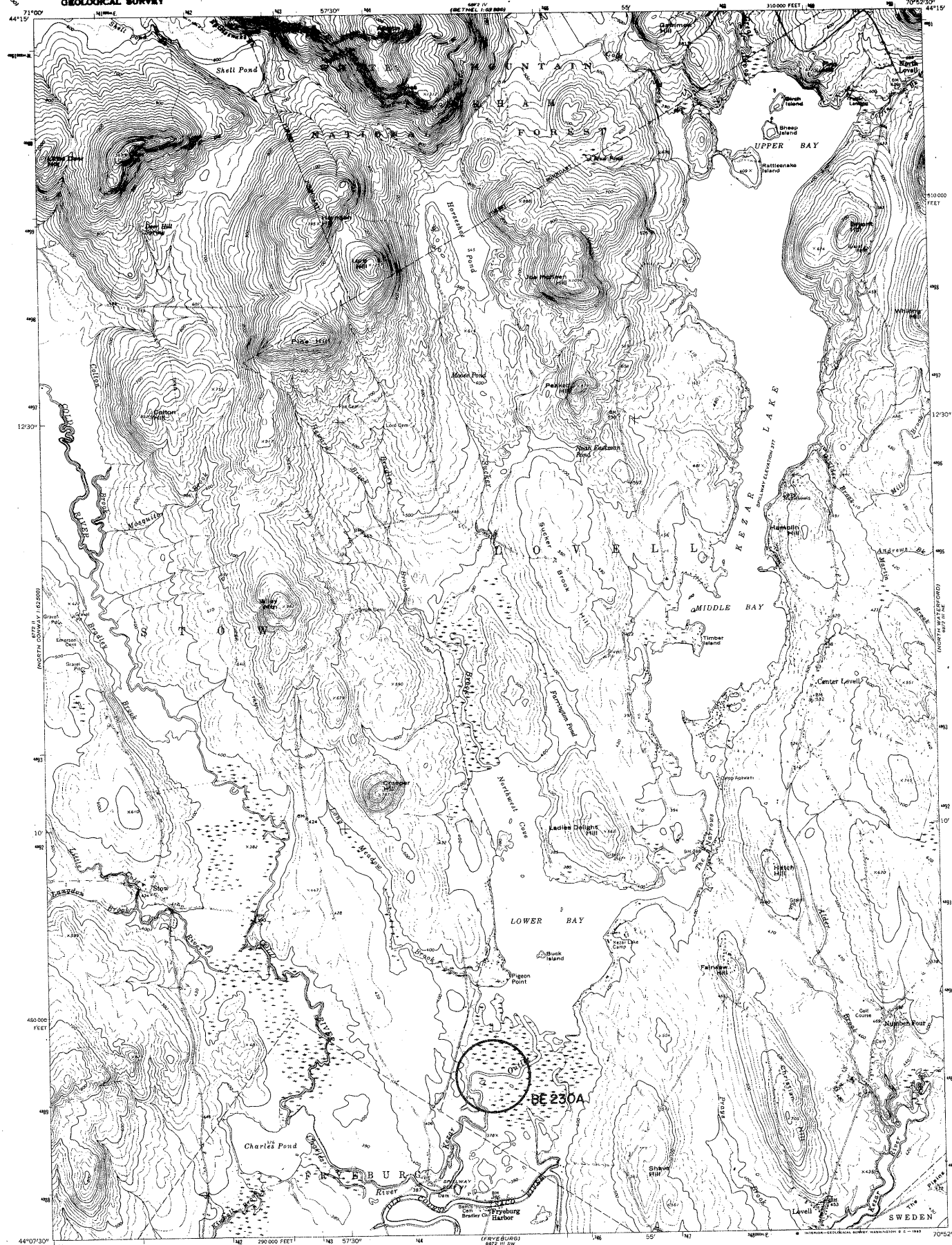
CAUCOMGOMOC LAKE WEST, MAINE
PROVISIONAL EDITION 1989
4059-86-TF

CAUCOMGOMOC LAKE
Contours

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CENTER LOVELL QUADRANGLE
MAINE–OXFORD CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 FRYEBURG 15' QUADRANGLE



effective 3/31/95

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1961. Field checked 1963

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

UTM GRID AND 1963 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24000

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION
Medium-duty — Light-duty
Unimproved dirt
State Route

QUADRANGLE LOCATION

CENTER LOVELL, MAINE
NW/4 FRYEBURG 15' QUADRANGLE
N4407.5—W7052.5/7.5

1963

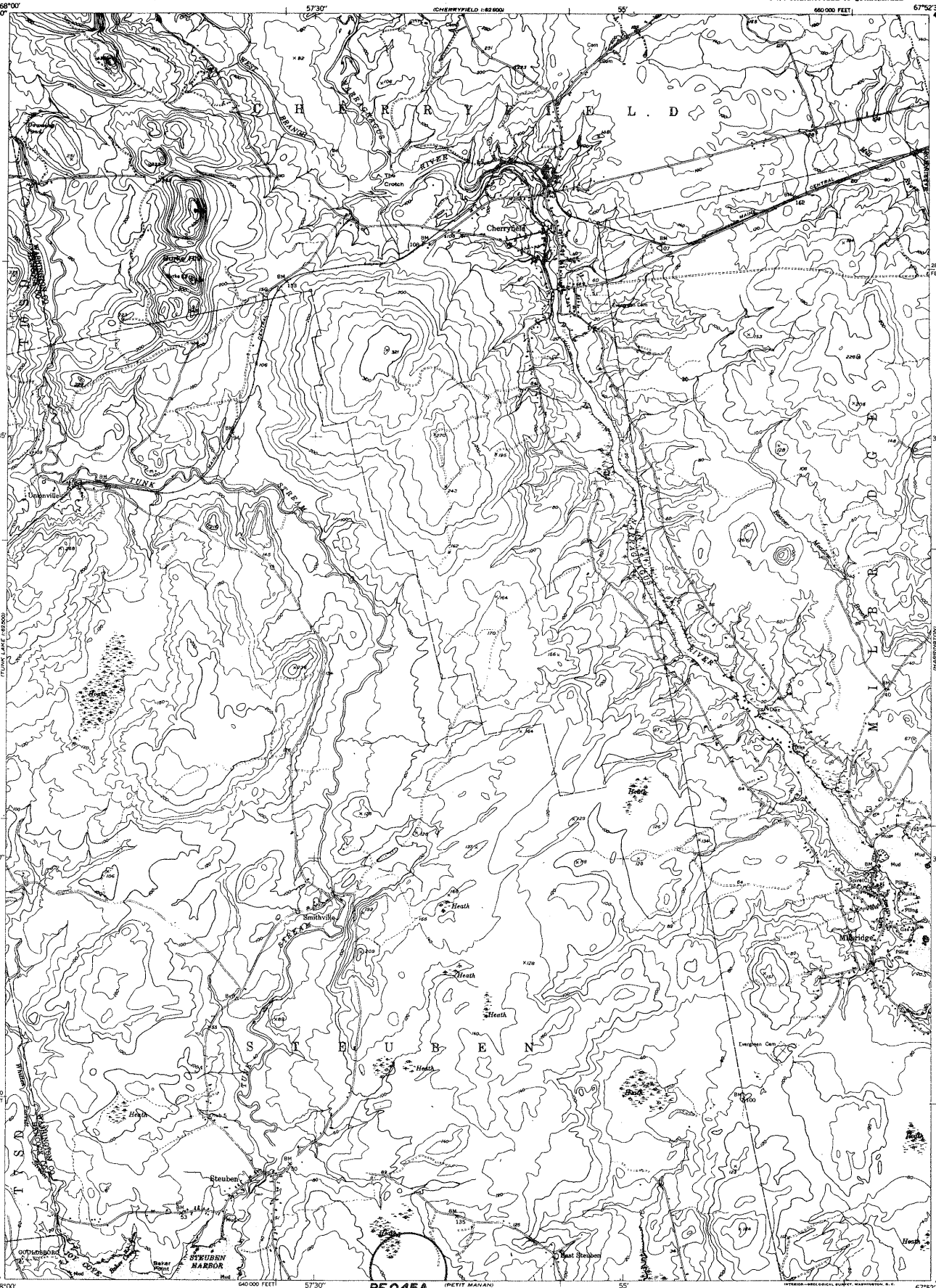
AMS 6872 III NW—SERIES V811

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

CHERRYFIELD QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 CHERRYFIELD 15' QUADRANGLE



BE045A

Mapped by U. S. Coast and Geodetic Survey
Edited and published by the Geological Survey

Control by USGS and USC&GS (C)

Topography by plane-table surveys and from aerial photographs by multiplex methods
Aerial photographs taken 1944 and 1946. Field check 1948

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, east zone

No distinction is made between dwellings, barns, commercial and industrial buildings

Unchecked elevations are shown in brown

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 11 FEET

APPROXIMATE MEAN DECLINATION, 1948

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USC&GS T-8643

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS	DRY WEATHER ROADS
Heavy-duty	Improved dirt
Medium-duty	Unimproved dirt

Loose-surface, graded, or narrow hard-surface

U. S. Route State Route

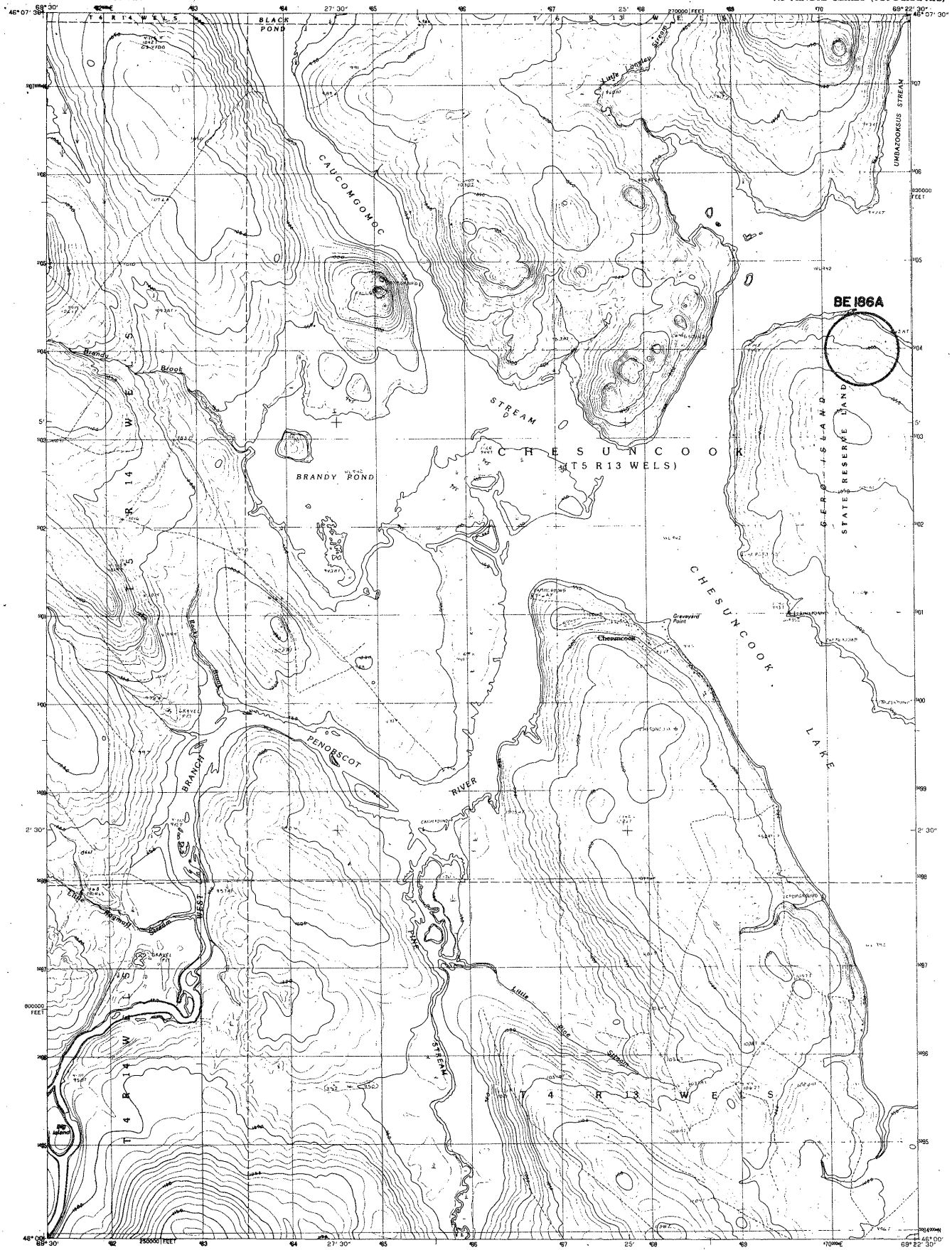
CHERRYFIELD, ME.
SW/4 CHERRYFIELD 15' QUADRANGLE
N4430—W6752.5/7.5

EDITION OF 1950

effective 3/1/90

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CHESUNCOOK QUADRANGLE
MAINE–PISCATAQUIS CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
PHOTOGRAPHY TAKEN 1982–83
FIELD CHECKED ..... 1983 MAP EDITED 1988
SOURCE OF CULTURAL AND WATER DATA ..... TRANSVERSE MERCATOR
GRID AND 1988 MAGNETIC NORTH DECLINATION ..... ZONE 19
HORIZONTAL DATUM ..... NORTH AMERICAN DATUM OF 1983
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 62 meters west)

Where easy to obtain information within the boundaries of map Dotted red-black intersections shown on this map

No distinction made between houses, barns, and other buildings

SCALE 1:24 000

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988

CONTOUR INTERVAL 10 FEET
SUPPLEMENTARY CONTOUR INTERVAL 5 FEET

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Caucomgomoc Lake East
2 Longley Pond
3 Mud Pond
4 Ragmuff Stream
5 Caucomgomoc Lake
6 Penobscot Farms
7 Pine Stream Flowage
8 Carrben Lake North

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

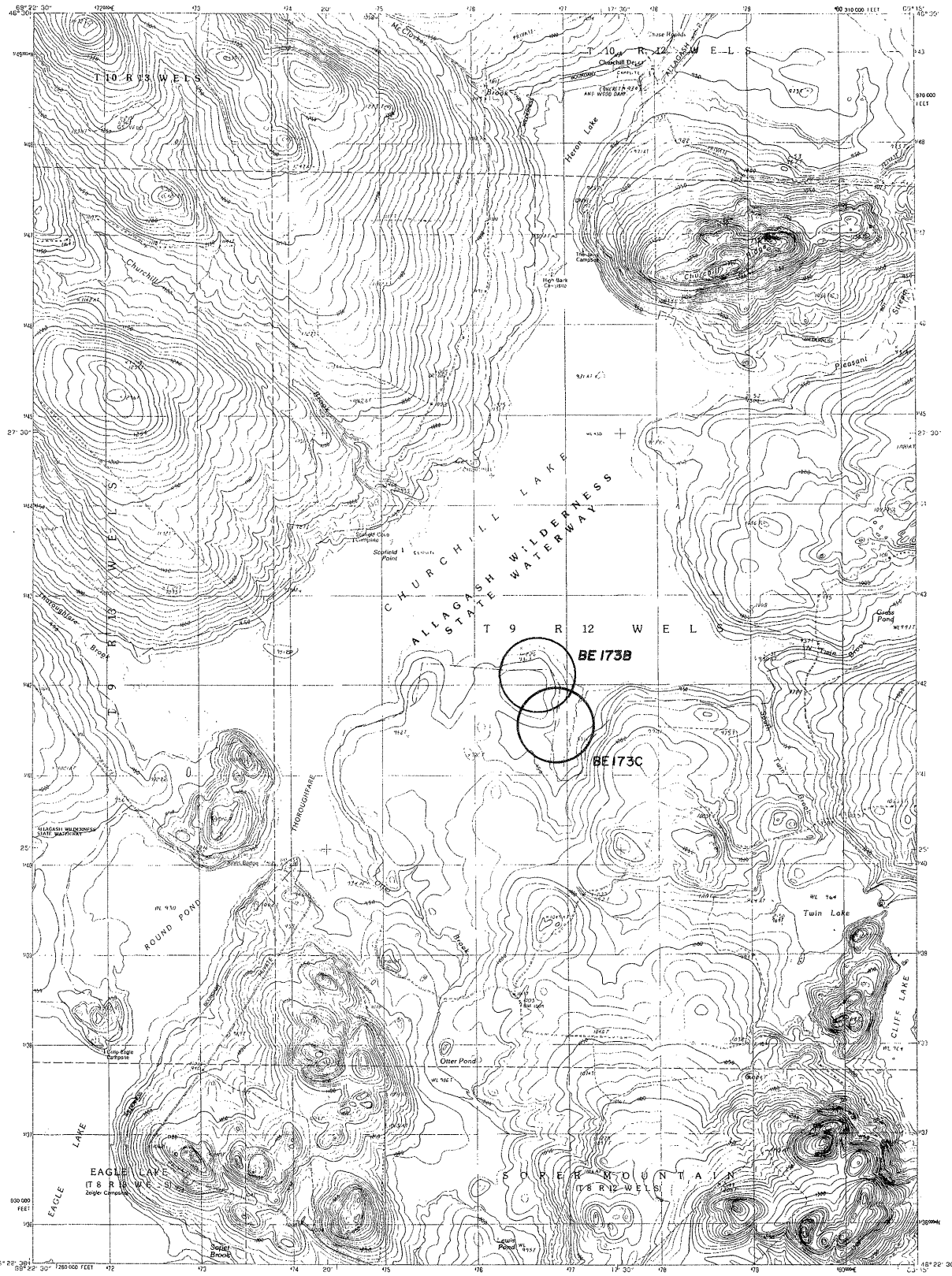
CHESUNCOOK, MAINE
PROVISIONAL EDITION 1988
46069-A6-TF-024

CHESUNCOOK SW, MAINE

effective 3/1/91

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CHURCHILL LAKE QUADRANGLE
MAINE-PISCATAQUIS CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1983
FIELD CHECKED ..... 1985 MAP EDITED 1989
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°14' WEST
1988 MAGNETIC NORTH INCLINATION ..... 19°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 60 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

KILOMETERS 0 1 2
METERS 0 1000 2000
MILES 0 1/2 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

CONTOUR INTERVAL 10 FEET

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1 Umsaskis Lake West
2 Umsaskis Lake East
3 Third Musquacook Lake
4 Chesuncook Pond
5 Spider Lake
6 Lobster Mountain
7 Haymock Lake
8 Haymock Lake

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND

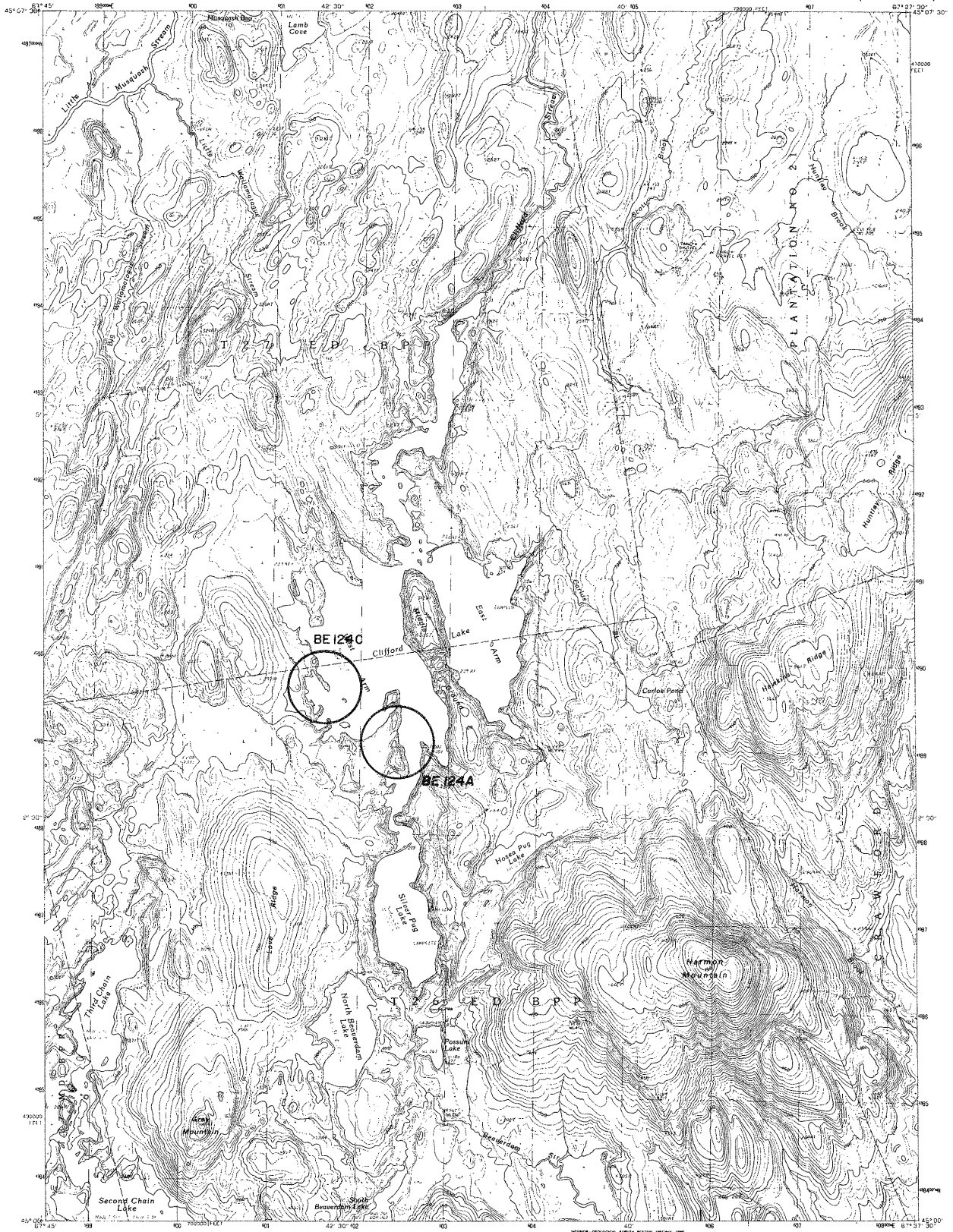
Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U.S. Route State Route

CHURCHILL LAKE, MAINE
PROVISIONAL EDITION 1989
46069-03 TF 024

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CLIFFORD LAKE QUADRANGLE
MAINE–WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



effective 2/20/98

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY.....USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN.....1984
FIELD CHECKED.....1986 MAP EDITED.....1990
PROJECTION.....TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR, ZONE 19
10,000-FOOT STATE GRID TICKS.....MAINE, EAST ZONE
UTM GRID DECLINATION.....0°56' EAST
1990 MAGNETIC NORTH DECLINATION.....19°30' WEST
VERTICAL DATUM.....NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM.....1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (48 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

1	2	3
4		5
6	7	8

1 Grand Lake Stream
2 Big Lake
3 Princeton
4 Monroe Lake
5 Crawford Lake
6 Tug Mountain
7 Wesley
8 Round Lake

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND

Improved Road.....
Unimproved Road.....
Trail.....

Interstate Route U. S. Route State Route

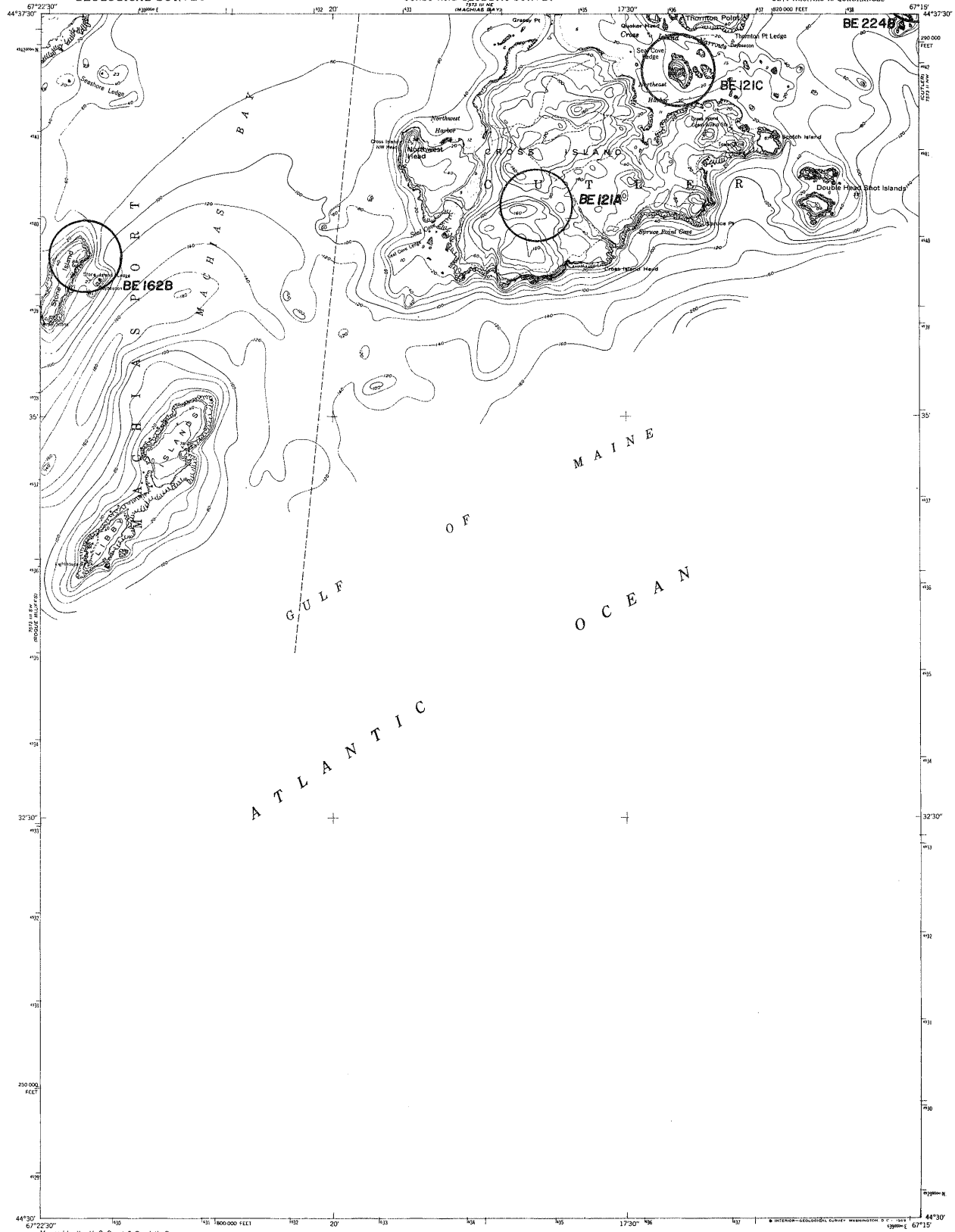
CLIFFORD LAKE, MAINE
PROVISIONAL EDITION 1990
45067-A6-TF-024
CLIFFORD LAKE SW, MAINE
WESLEY PROJ. - PPE

Clifford Lake, Me

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

CROSS ISLAND QUADRANGLE
MAINE-WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 MACHIAS 15' QUADRANGLE



Mapped by the U. S. Coast & Geodetic Survey
Edited and published by the Geological Survey

Control by USC&GS

Topography by plane-table surveys and from aerial photographs by multiplex methods
Aerial photographs taken 1946. Field check 1949
Hydrography from surveys dated 1885 to 1886

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue

UTM GRID AND 1949 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 13 FEET

ROAD CLASSIFICATION
Unimproved dirt

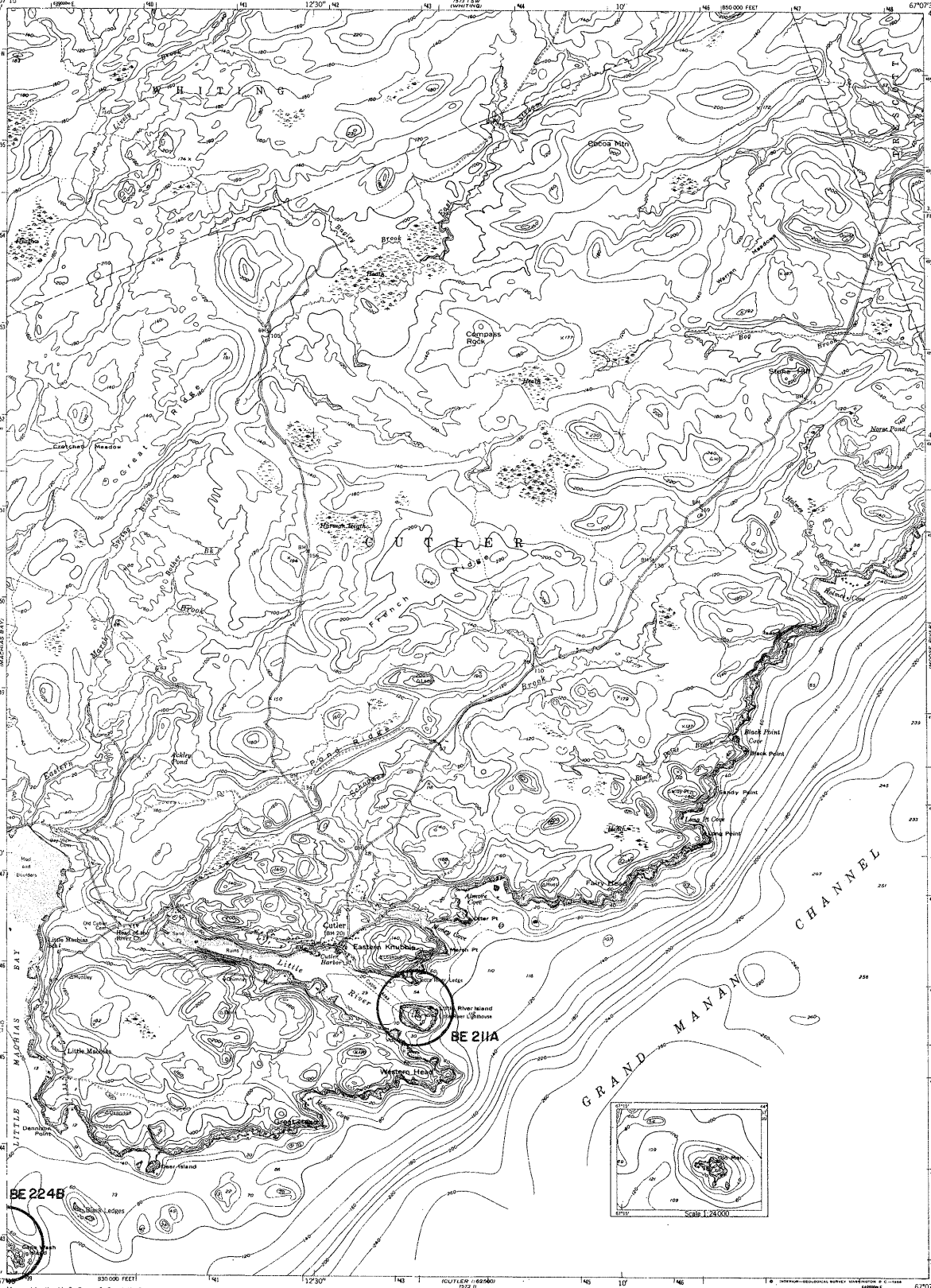
CROSS ISLAND, ME.
SE/4 MACHIAS 15' QUADRANGLE
N4430—W6715/7.5
1949
AMS 7573 III SE—SERIES V811

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

CUTLER QUADRANGLE
MAINE-WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 CUTLER 15' QUADRANGLE



Mapped by the U. S. Coast & Geodetic Survey
Edited and published by the Geological Survey

Control by USC&GS and USGS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1946. Field check 1949
Hydrography from surveys dated 1886

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue

UTM GRID AND 1949 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 14 FEET

ROAD CLASSIFICATION

Heavy-duty	Light-duty
Medium-duty	Unimproved dirt
U. S. Route	State Route

CUTLER, ME.
NW/4 CUTLER 15' QUADRANGLE
N4437.5—W6707.5/7.5

1949
AMS 7573 II NW—SERIES V811

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USC&GS T-8797

SPECIAL PRINTING
Contours and woodland symbols omitted

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MAINE
PUBLIC UTILITIES COMMISSION

DAMARISCOTTA QUADRANGLE
MAINE–LINCOLN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 WISCASSET 15' QUADRANGLE

(WESTPORT) 7071 I NW

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS, and Maine Geodetic Survey

Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1970

Selected hydrographic data compiled from USC&GS Chart 314 (1972)
This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, west zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue. 1927 North American datum

UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
18° 320 MILS
0°23' 7 MILS

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 9.3 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

MAINE
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Primary highway, hard surface
Light-duty road, hard or improved surface
Secondary highway, hard surface
Unimproved road
Interstate Route U. S. Route State Route

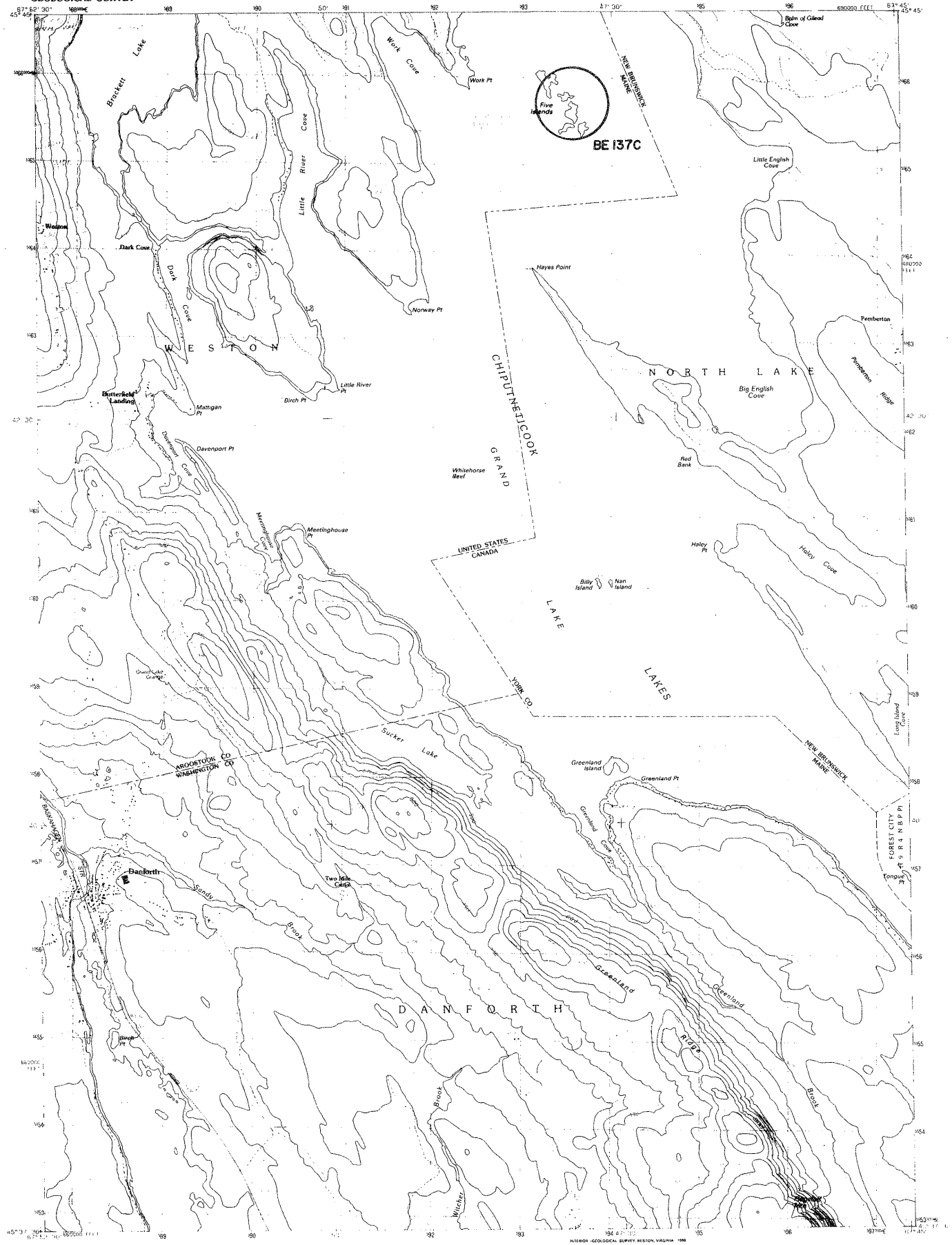
(LOUDS ISLAND) 7171 IV NW

DAMARISCOTTA, MAINE
SE/4 WISCASSET 15' QUADRANGLE
N4400—W6930/7.5
1970
AMS 7072 II SE—SERIES V811

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DANFORTH QUADRANGLE
MAINE–NEW BRUNSWICK
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS RGMA AND IHC
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984
FIELD CHECKED ..... 1986 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°31' EAST
1988 MAGNETIC NORTH DECLINATION ..... 20°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (46 meters west)

There may be private inholdings within the boundaries of any Federal or State reservations shown on this map

No distinction made between houses, barns, and other buildings

Canadian portion copied from Forest City Quadrangle (1:50,000) 1953, Department of Energy, Mines and Resources

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

MILES 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000
KILOMETERS 0 1
METERS 1000 0 1000 2000

CONTOUR INTERVAL 10 FEET IN UNITED STATES
CONTOUR INTERVAL 10 METERS IN CANADA

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR–GEOLOGICAL SURVEY, RESTON, VIRGINIA 1988

MAINE

QUADRANGLE LOCATION

1 Haynesville
2 Orient
3
4 Jimmy Mountain
5 Forest City
6 Stetson Mountain
7 Brockton
8 Forest

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....

Interstate Route U. S. Route State Route

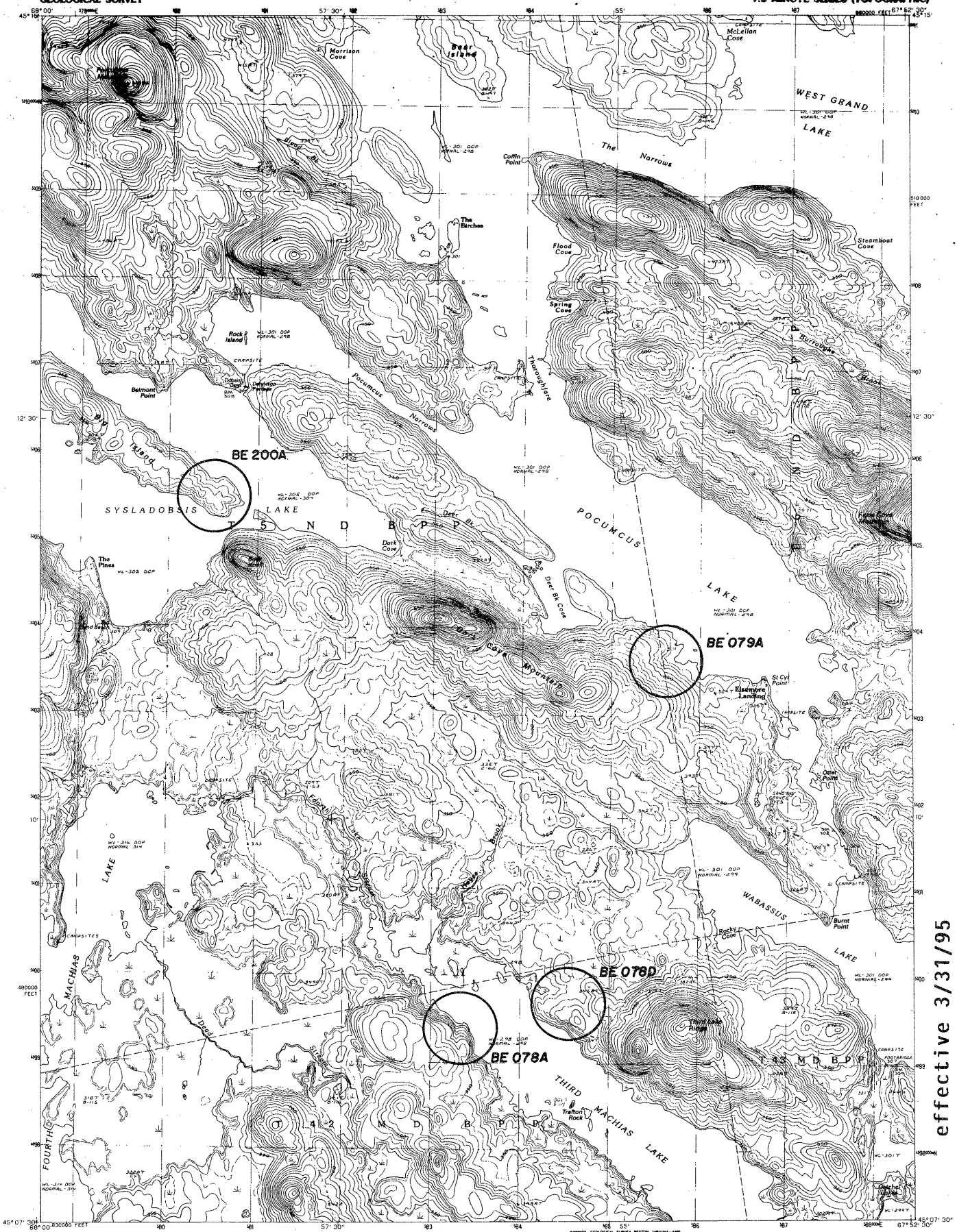
DANFORTH, MAINE–N. B.
PROVISIONAL EDITION 1988

DANFORTH, ME.

effective 3/1/93

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DARK COVE MOUNTAIN QUADRANGLE
MAINE-WASHINGTON CO
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY.....USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN.....1984
FIELD CHECKED.....1986. MAP EDITED.....1990
PROJECTION.....TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR.....ZONE 19
10,000-FOOT STATE GRID TICKS.....MAINE, EAST ZONE
UTM GRID DECLINATION.....0°45' EAST
1990 MAGNETIC NORTH DECLINATION.....19°30' WEST
VERTICAL DATUM.....NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM.....1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (47 meters west)

There may be private inholdings within the boundaries of any Federal or State reservations shown on this map

No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

1 0 1 2 KILOMETERS
1000 0 METERS 1000 2000

1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET

CONTOUR INTERVAL 10 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1 Bottle Lake
2 Scraggly Lake
3 Oxbrook Lakes
4 Duck Lake
5 Grand Lake Stream
6 Gassabias Lake
7 Fletcher Peak
8 Monroe Lake

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND
Improved Road.....
Unimproved Road.....
Trail.....
Interstate Route U.S. Route State Route

DARK COVE MOUNTAIN, MAINE
PROVISIONAL EDITION 1990
45067-RB-TF-024

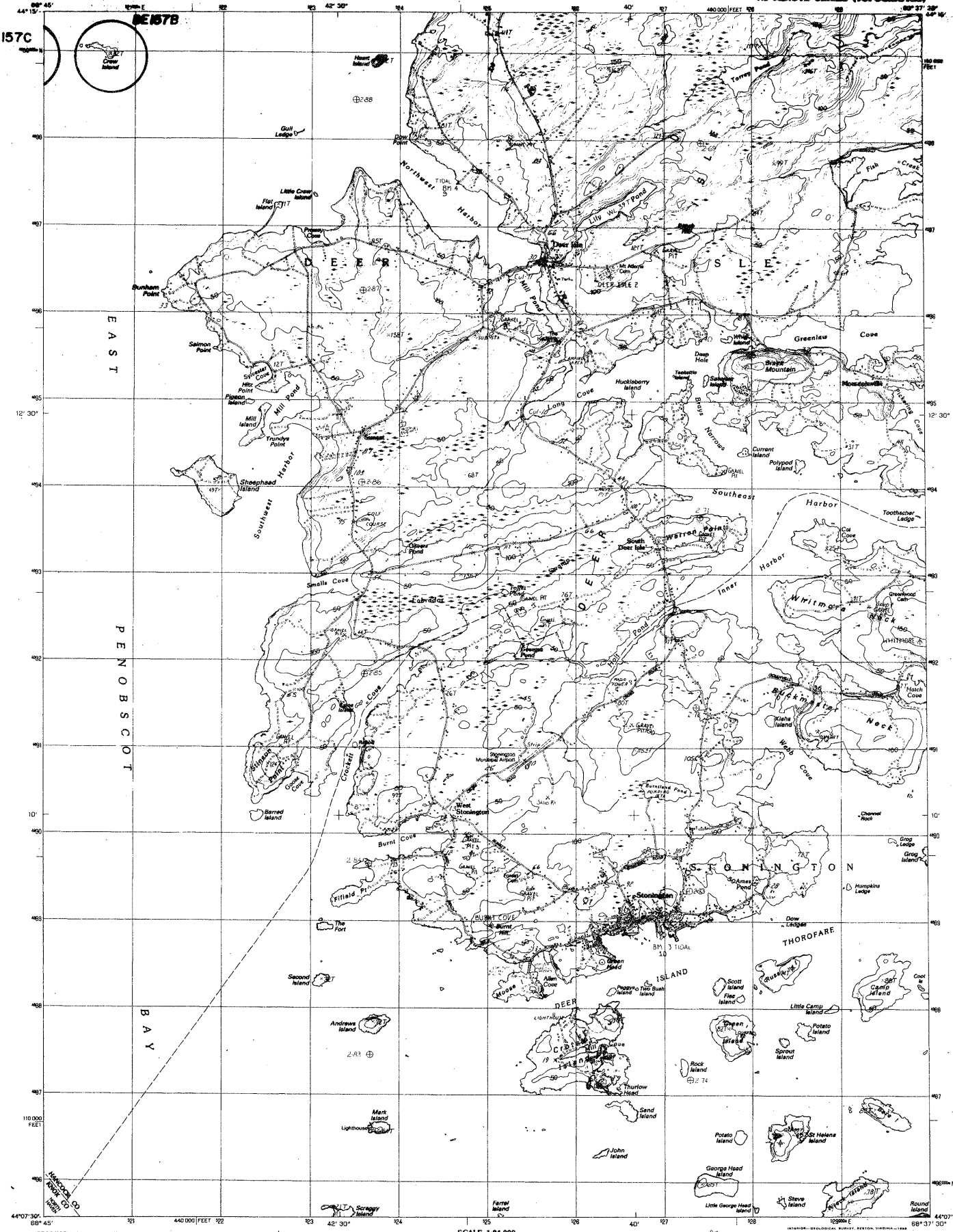
effective 3/31/95

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEER ISLE QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)

BE157B

BE157C



effective 3/31/95

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
FIELD CHECKED ..... 1978 MAP EDITED 1980
PROJECTION ..... TRANSVERSE MERCATOR
GRIDS: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°30' EAST
1980 MAGNETIC NORTH DECLINATION ..... 16°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (5 meters south and 65 meters west)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

SCALE 1:24 000

KILOMETERS 0 1 2
METERS 0 1000 2000
MILES 0 .5 1
FEET 0 5000 10000

CONTOUR INTERVAL 10 FEET

NORTH

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Cape Rosier
2 Sargentville
3 Brooklin
4 North Haven East
5 Isleboro North
6 Vinalhaven
7 Isle au Haut West
8 Isle au Haut East

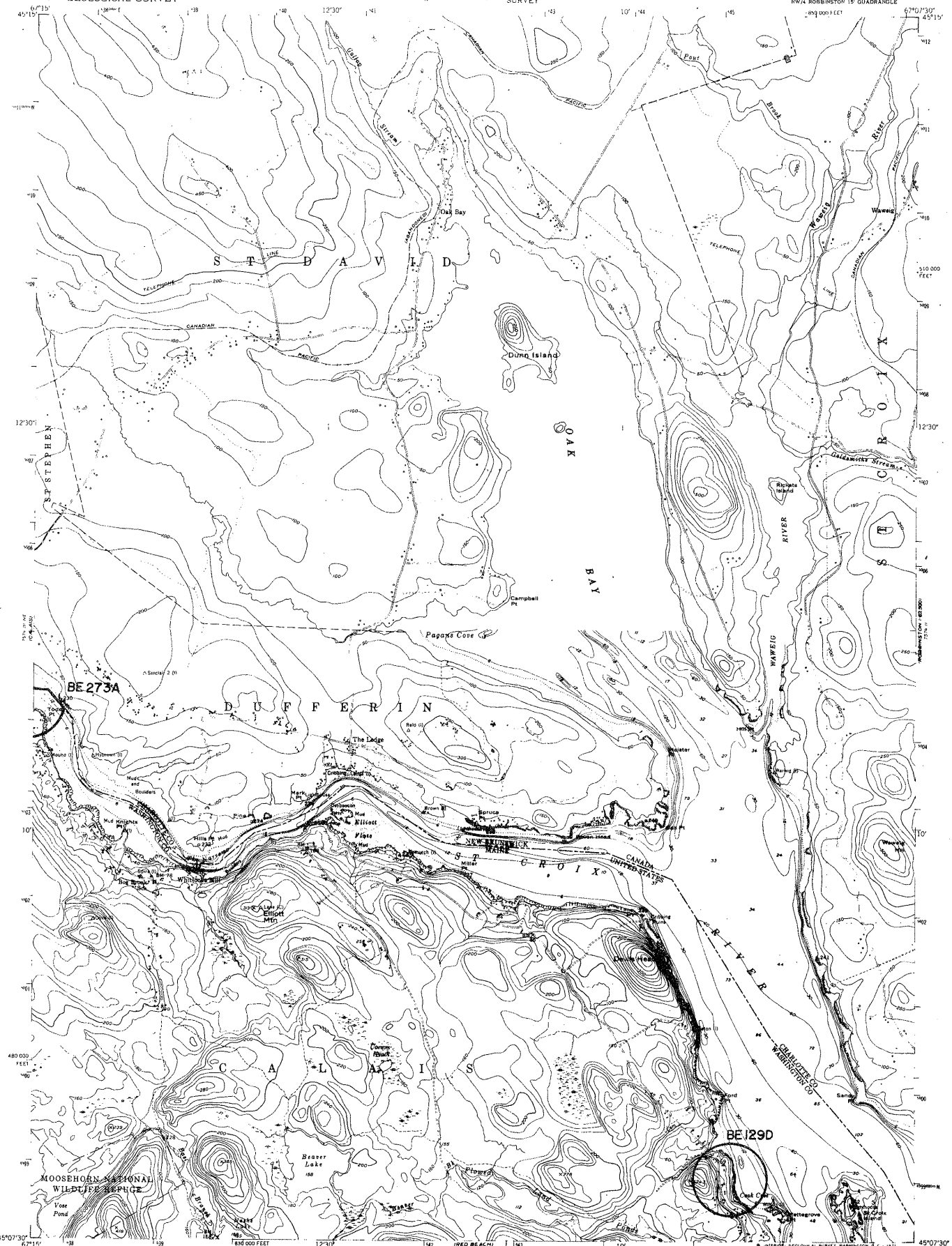
ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

DEER ISLE, MAINE
PROVISIONAL EDITION 1983

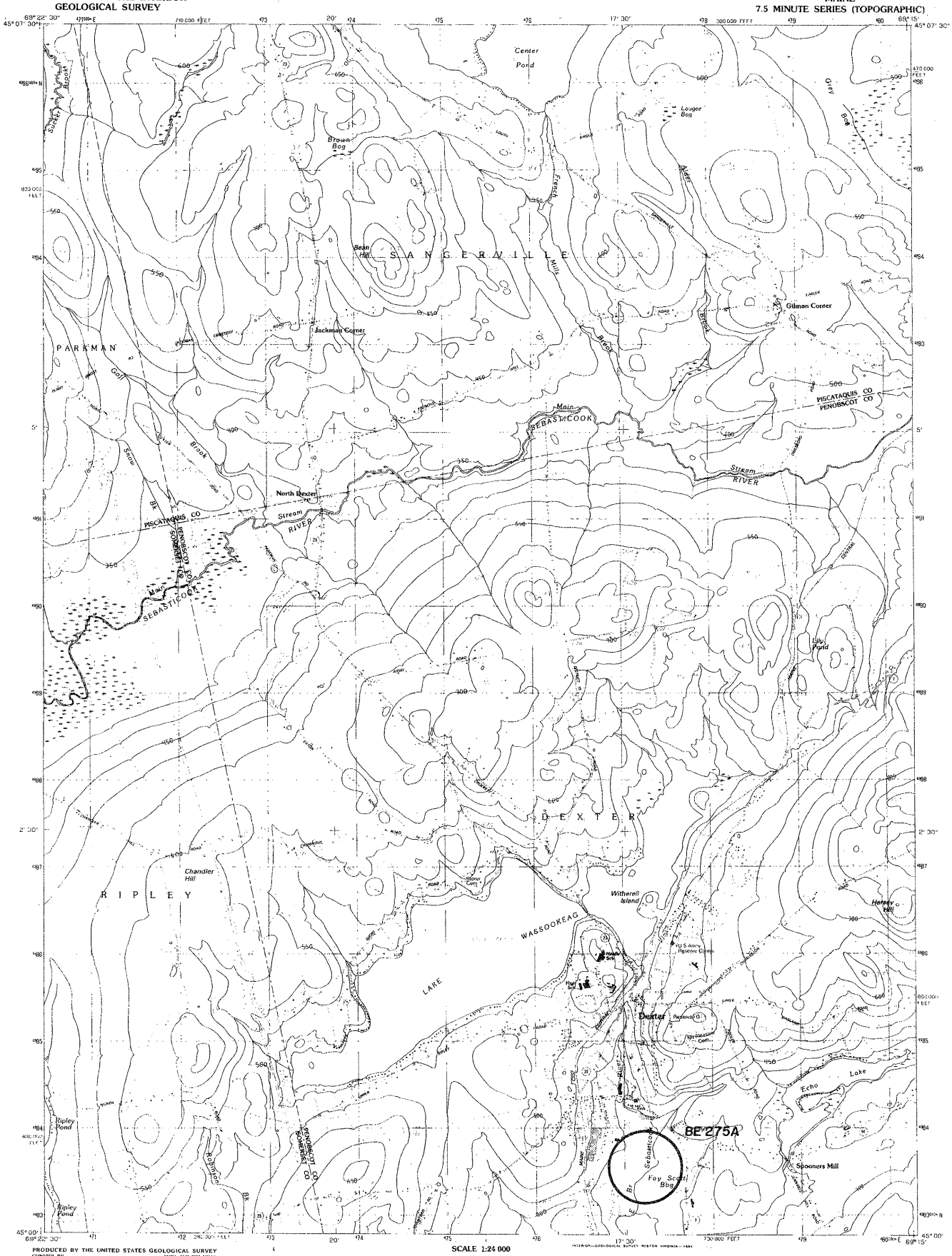
INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1983



effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEXTER QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1980
FIELD CHECKED ..... 1981 MAP EDITED 1984
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0 13 WEST
1984 MAGNETIC NORTH DECLINATION ..... 18 30 WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (3 meters south and 43 meters west)
There may be private inholdings within the boundaries of any National or State reservations shown on this map

SCALE 1:24 000

KILOMETERS 0 1 2
METERS 0 1000 2000
MILES 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000

CONTOUR INTERVAL 10 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

ADJOINING 7.5' QUADRANGLE NAMES
1 Guilford
2 Sangerville
3 Dover Foxcroft
4 Cambridge
5 Garland
6 Hartland
7 Corinna
8 Stetson

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U. S. Route State Route

DEXTER, MAINE
PROVISIONAL EDITION 1984

45069-A3-TF-024

effective 10/1/99

Drisko ESL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DRISKO ISLAND QUADRANGLE
MAINE WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 GREAT WASS ISLAND 15' QUADRANGLE

BE 148AB
BE 051E
BE 196A
BE 125B
BE 125CE
RT 021

Mapped by U. S. Coast & Geodetic Survey
Edited and published by the Geological Survey

Control by USC&GS

Topography by plane table surveys and from aerial photographs by multiplex methods
Aerial photographs taken 1944. Field check 1948
Hydrography from surveys dated 1870 to 1902 and supplementary information to 1927

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, east zone

No distinction is made between dwellings, barns, commercial, and industrial buildings

1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES IN FEET - DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 11 FEET

ROAD CLASSIFICATION
Light-duty ---- Unimproved dirt - - - -

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

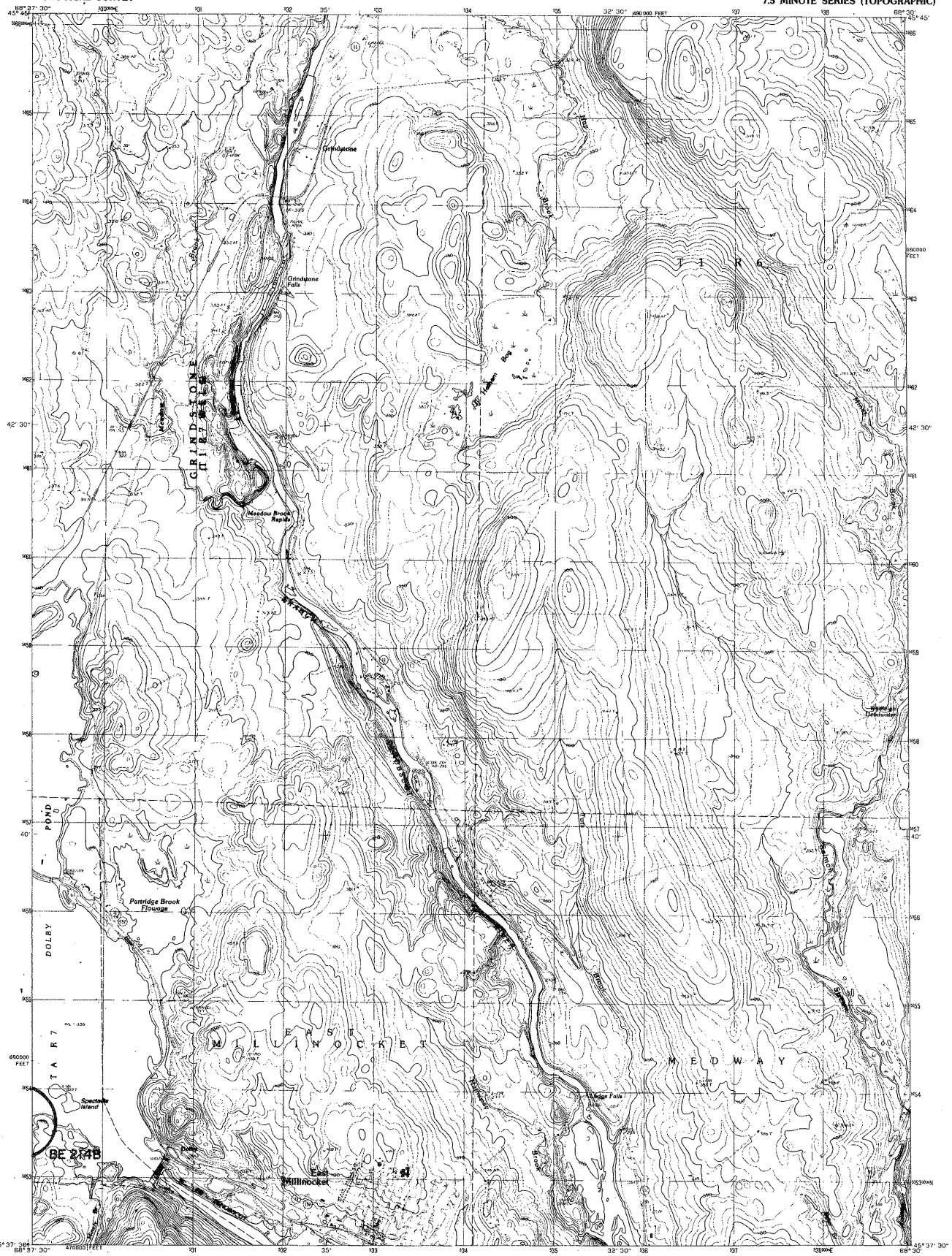
DRISKO ISLAND, ME.
NW/4 GREAT WASS ISLAND 15' QUADRANGLE
N4422.5 - W6737.5/7.5
1948
AMS 7472 I NW-SERIES V811

SPECIAL PRINTING
Contours and woodland symbols omitted

effective 2/20/98

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

EAST MILLINOCKET QUADRANGLE
MAINE–PENOBSCOT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA, AND MDOT
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984
FIELD CHECKED ..... 1986 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°19' EAST
1988 MAGNETIC NORTH DECLINATION ..... 15°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 46 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings
Gray tint indicates area in which selected buildings are shown

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET
1 0 1 2 KILOMETERS
1000 0 1000 2000 METERS

CONTOUR INTERVAL 10 FEET
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Wharntone Mtn.
2 Stacyville
3 Benedicta
4 Millinocket
5 Salmon Stream Lake
6 Nahmakanta Lake
7 Matahumkeag Lake
8 Matteawkeag Lake

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U.S. Route State Route

EAST MILLINOCKET, ME.

PROVISIONAL EDITION 1988

EAST MILLINOCKET, ME
Contours

effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

EASTBROOK QUADRANGLE
MAINE–HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 ELLSWORTH 15' QUADRANGLE

BE 0308

Produced by the United States Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methode from aerial photographs taken 1976. Field checked 1977. Map edited 1981

Projection and 1000-meter grid, zone 19: Universal Transverse Mercator

10,000-foot grid ticks based on Maine coordinate system, east zone

1927 North American Datum

To place on the predicted North American Datum 1983 move the projection lines 1 meter south and 46 meters west as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 3 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

CONTOURS AND ELEVATIONS IN METERS

ROAD CLASSIFICATION

Primary highway, hard surface — Light-duty road, hard or improved surface
Secondary highway, hard surface — Unimproved road
Interstate Route — U. S. Route — State Route

EASTBROOK, MAINE
NE/4 ELLSWORTH 15' QUADRANGLE
N4437.5–W6815/7.5

1981

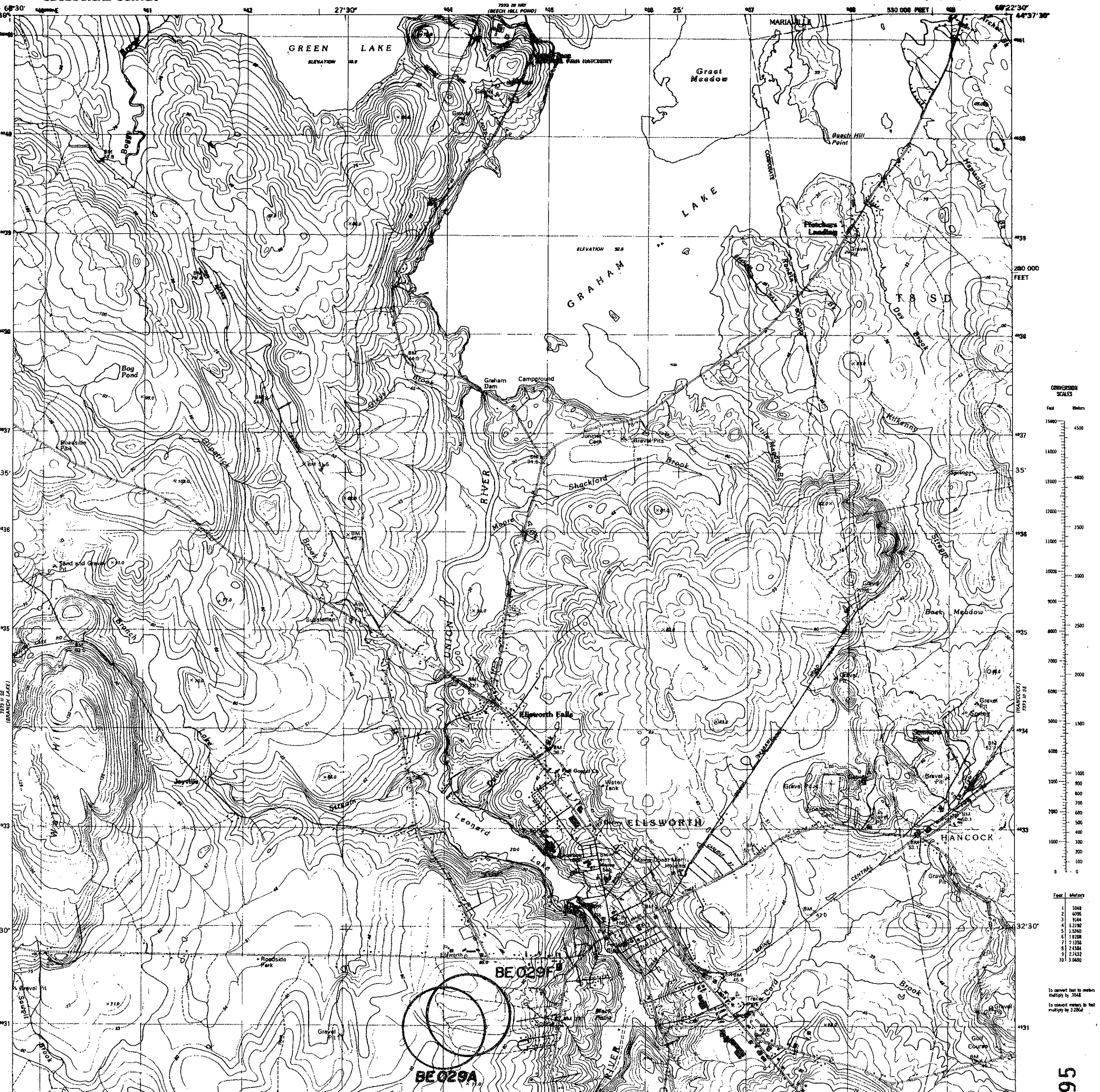
DMA 7373 III NE–SERIES V811

effective 3/1/90

effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ELLSWORTH QUADRANGLE
MAINE–HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



effective 3/31/95

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1977. Map edited 1981

Selected hydrographic data compiled from NOS chart 13316 (1980). This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 2 meters south and 46 meters west as shown by dashed corner ticks

Gray tint indicates areas in which only landmark buildings are shown

There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 3 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 METER
DEPTH CURVES AND SOUNDINGS IN METERS—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN WATER
THE PERIODIC TIDES IN THIS AREA ARE APPROXIMATELY 3 METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface
Light-duty road, hard or improved surface
Secondary highway, hard surface
Unimproved road
Interstate Route
U. S. Route
State Route

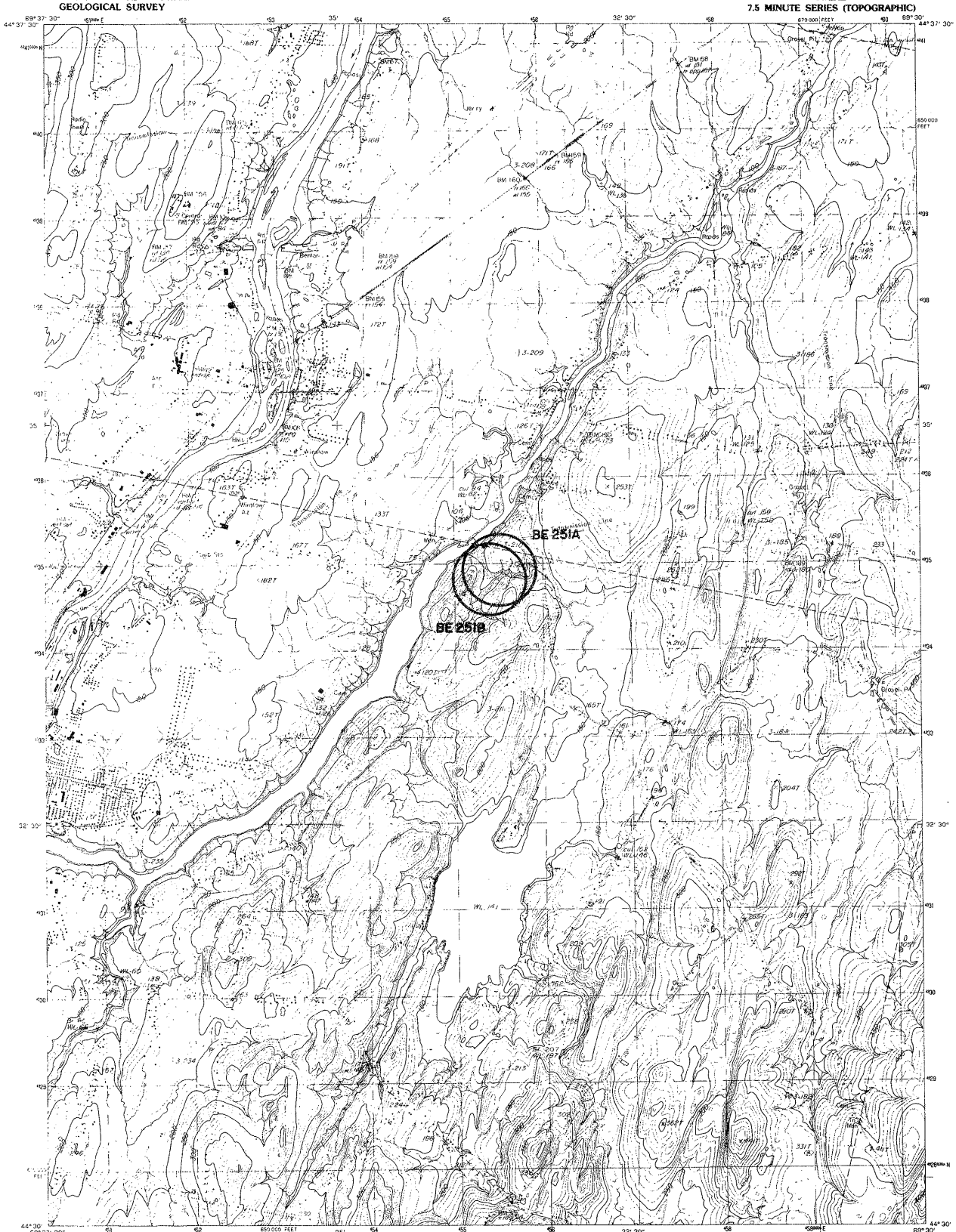
ELLSWORTH, MAINE
SW/4 ELLSWORTH 15' QUADRANGLE
N4430—W6822.5/7.5

1981

DMA 7373 III SW—SERIES V811

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FAIRFIELD QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA, AND MAINE DEPT. OF TRANSP.
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
FIELD CHECKED ..... 1979 MAP EDITED 1982
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, WEST ZONE
UTM GRID DECLINATION ..... 0°34' WEST
1982 MAGNETIC NORTH DECLINATION ..... 16° WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (3 meters south and 62 meters west)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map
Gray tint indicates area in which selected buildings are shown

SCALE 1:24 000

KILOMETERS 0 1 METERS 1000 2000 3000
MILES 0 1/2 1 FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

NORTH

CONTOUR INTERVAL 10 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Hinckley
2 Clinton
3 Benton
4 Waterville
5 Albion
6 Vassalboro
7 China Lake
8 Palermo

ADJOINING 7.5' QUADRANGLE NAMES

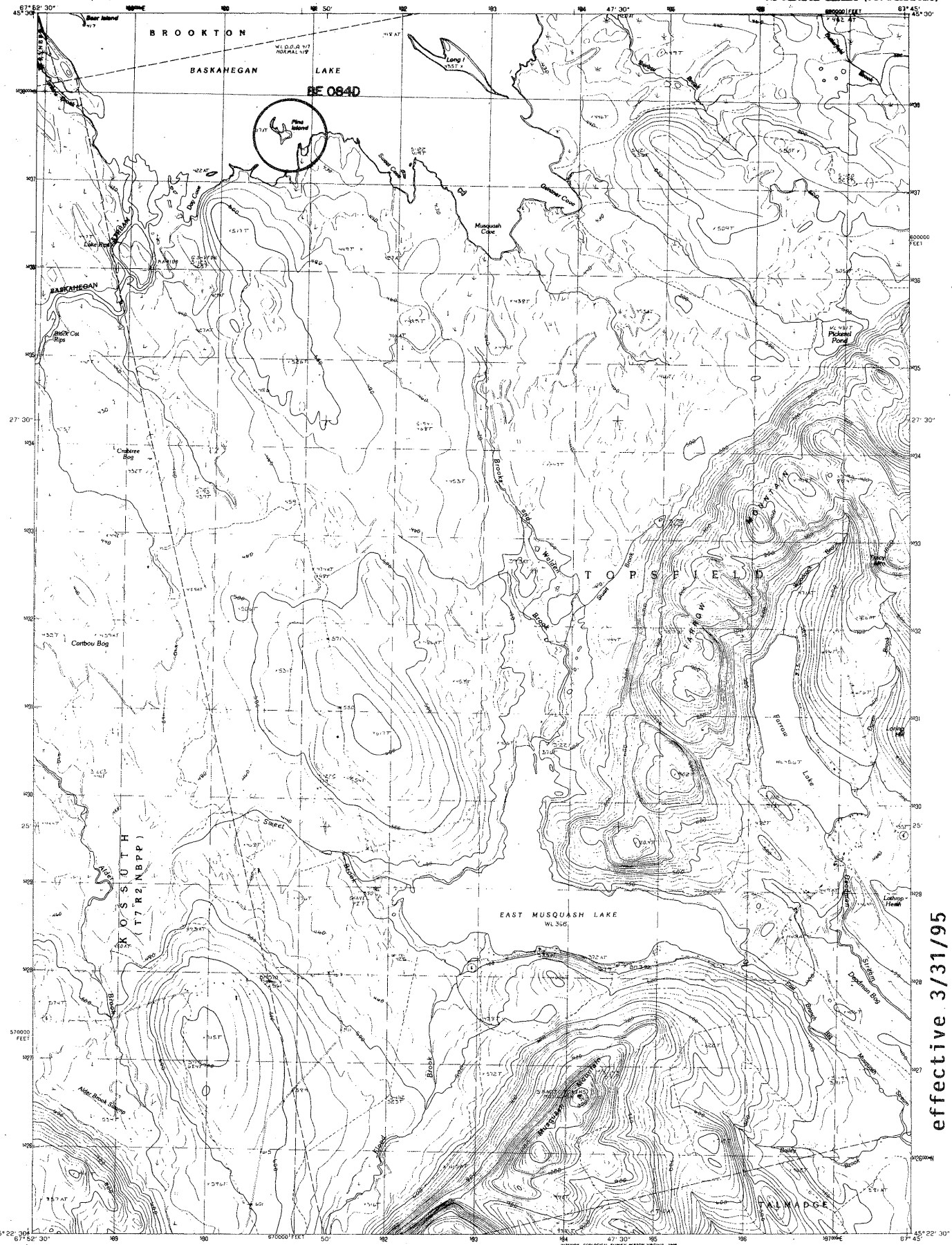
ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....

Interstate Route U. S. Route State Route

FAIRFIELD, MAINE
PROVISIONAL EDITION 1982

effective 2/20/98

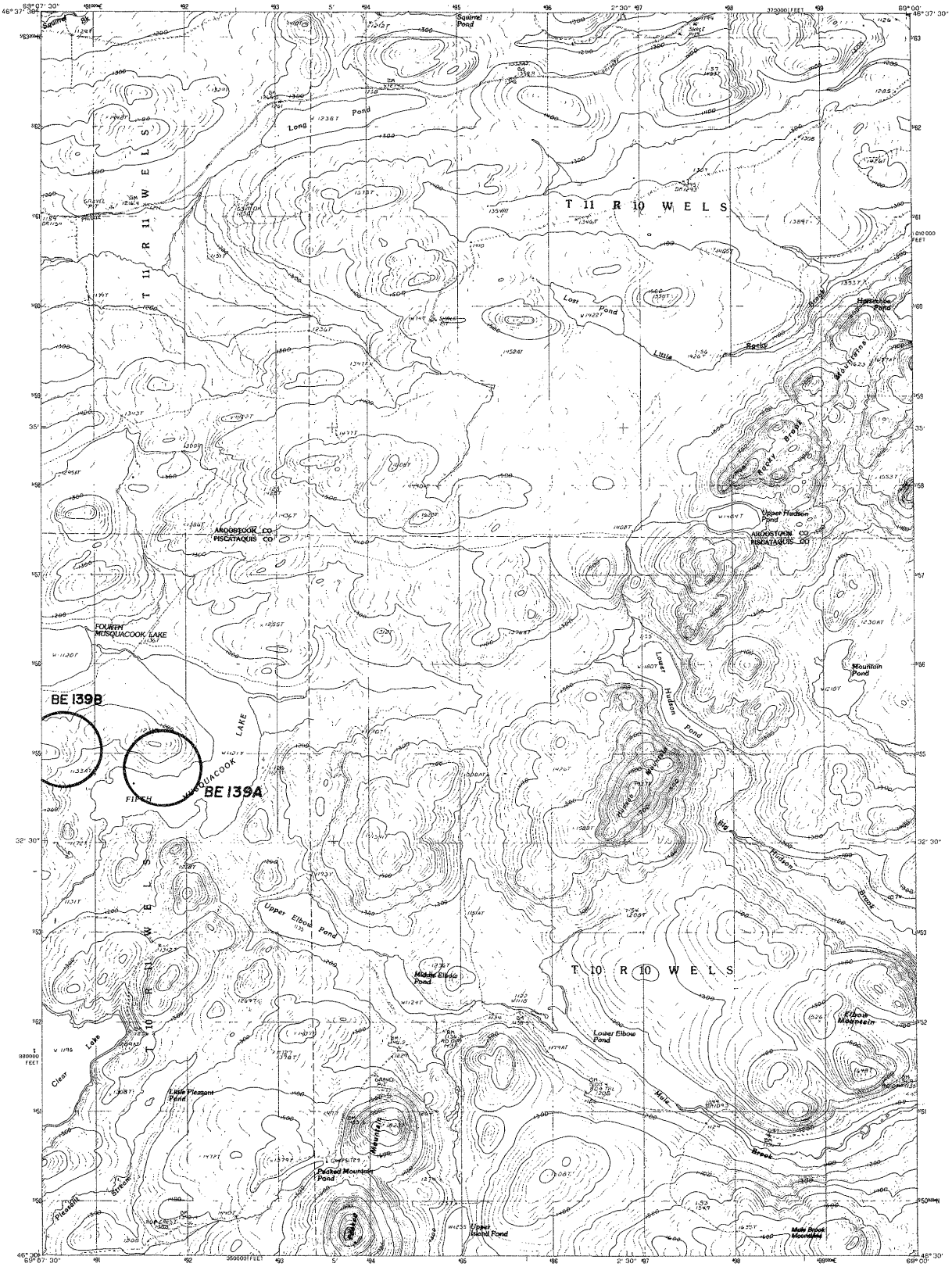


effective 3/31/95

FARROW MOUNTAIN,

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FIFTH MUSQUACOOK LAKE QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1982
FIELD CHECKED ..... 1986 MAP EDITED 1986
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°00' WEST
1986 MAGNETIC NORTH DECLINATION ..... 0°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 60 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT
To convert feet to meters multiply by 3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1. Pine Stream Pond
2. Upper Richards Pond
3. Fuzzy Pond
4. Third Musquacook L.
5. Moosehead Lake
6. Spider Lake
7. Sawtelle Lake
8. Moosehead Mts.

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND

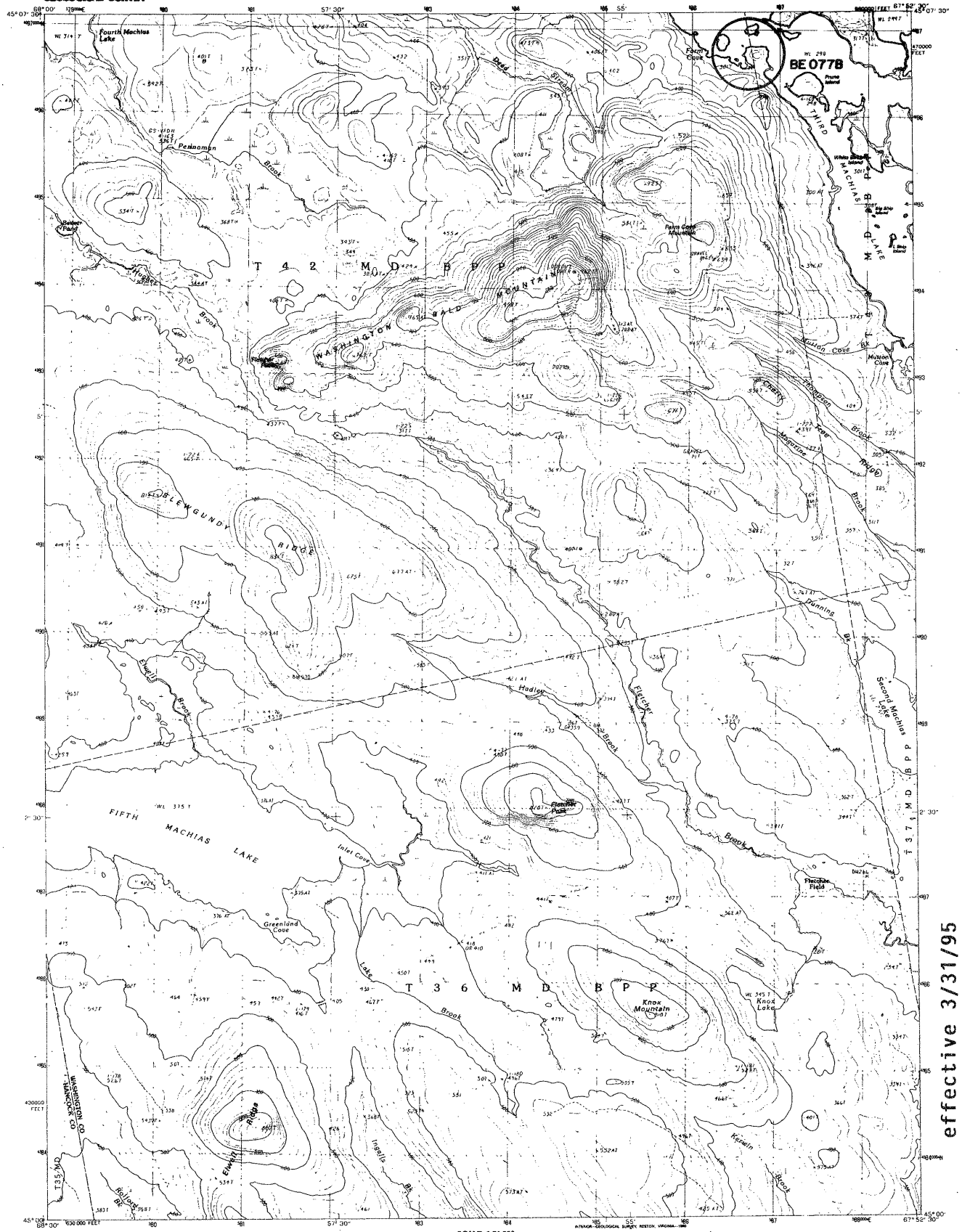
Improved Road
Unimproved Road
Trail
Interstate Route U. S. Route State Route

FIFTH MUSQUACOOK LAKE, MAINE
PROVISIONAL EDITION 1986

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FLETCHER PEAK QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



effective 3/31/95

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY.....USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN.....1984
FIELD CHECKED.....1986 MAP EDITED.....1990
PROJECTION.....TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR.....ZONE 19
10,000-FOOT STATE GRID TICKS.....MAINE, EAST ZONE
UTM GRID DECLINATION.....0°45' EAST
1990 MAGNETIC NORTH DECLINATION.....19 30' WEST
VERTICAL DATUM.....NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM.....1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 47 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

1 0 1 KILOMETERS 2
1000 0 1000 2000 3000 METERS
1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 FEET

CONTOUR INTERVAL 20 FEET

To convert meters to feet multiply by 3.2800
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Duck Lake
2 Duck Cove Mtn.
3 Grand Lake Stream
4 Greenlaw Lake
5 Monroe Lake
6 Quoddy Mountain
7 Peaked Mountain
8 Tug Mountain
ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U. S. Route State Route

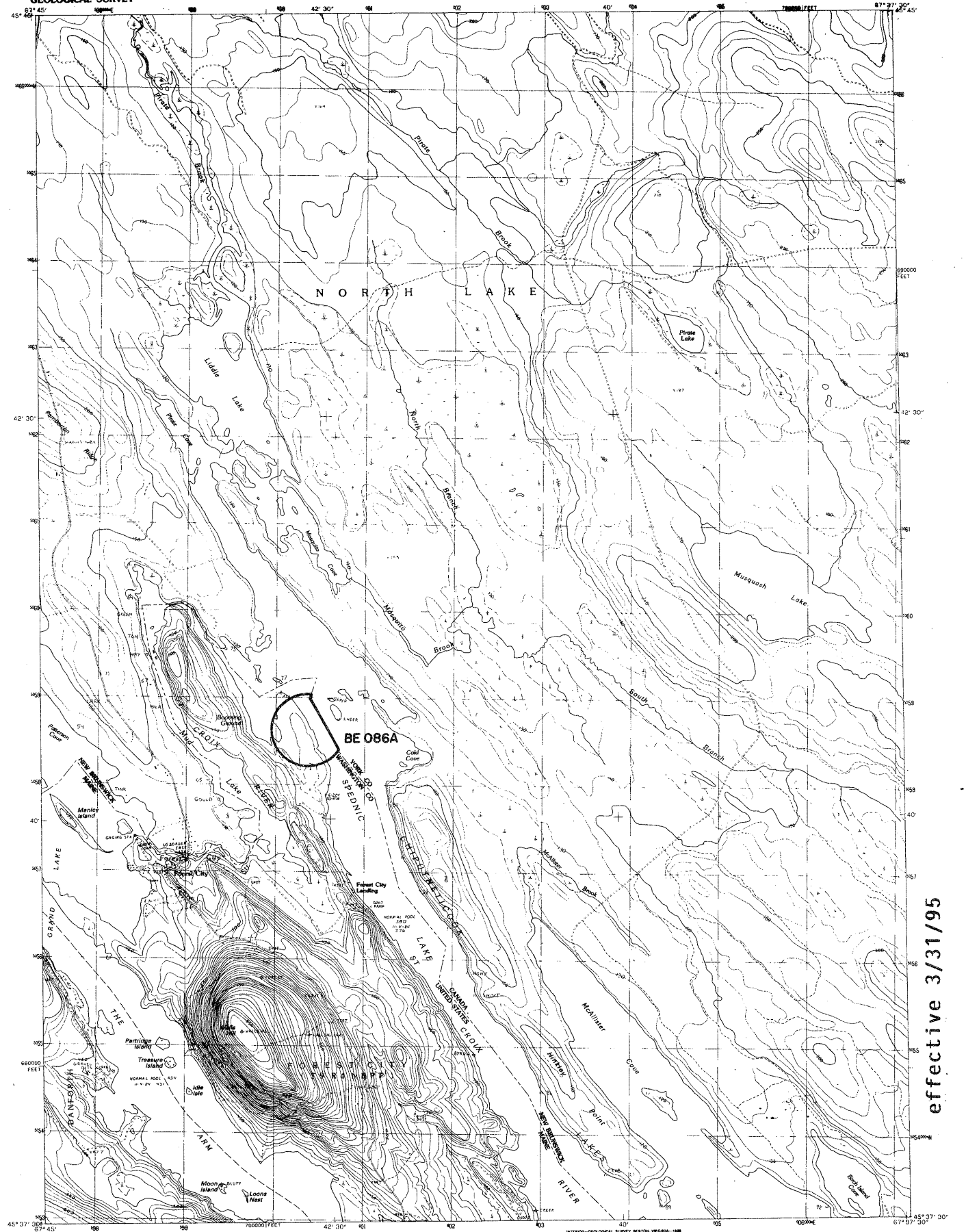
FLETCHER PEAK, MAINE
PROVISIONAL EDITION 1990

Fletcher Peak, Contours

WABASSUS LAKE SW, MAINE
WESLEY PRO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FOREST CITY QUADRANGLE
MAINE–NEW BRUNSWICK
7.5 MINUTE SERIES (TOPOGRAPHIC)



effective 3/31/95

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA, AND IBC
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984
FIELD CHECKED ..... 1986 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°W/ EAST
1988 MAGNETIC NORTH DECLINATION ..... 19°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (67 meters west)

There may be private inholdings within the boundaries of any Federal or State reservations shown on this map

No distinction made between houses, barns, and other buildings

Canadian portion copied from Forest City Quadrangle (1:50 000) 1988, Department of Energy, Mines, and Resources

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET IN THE UNITED STATES
CONTOUR INTERVAL 10 METERS IN CANADA

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Orient
2
3
4 Danforth
5
6 Brockton
7 Forest
8 Lambert Lake

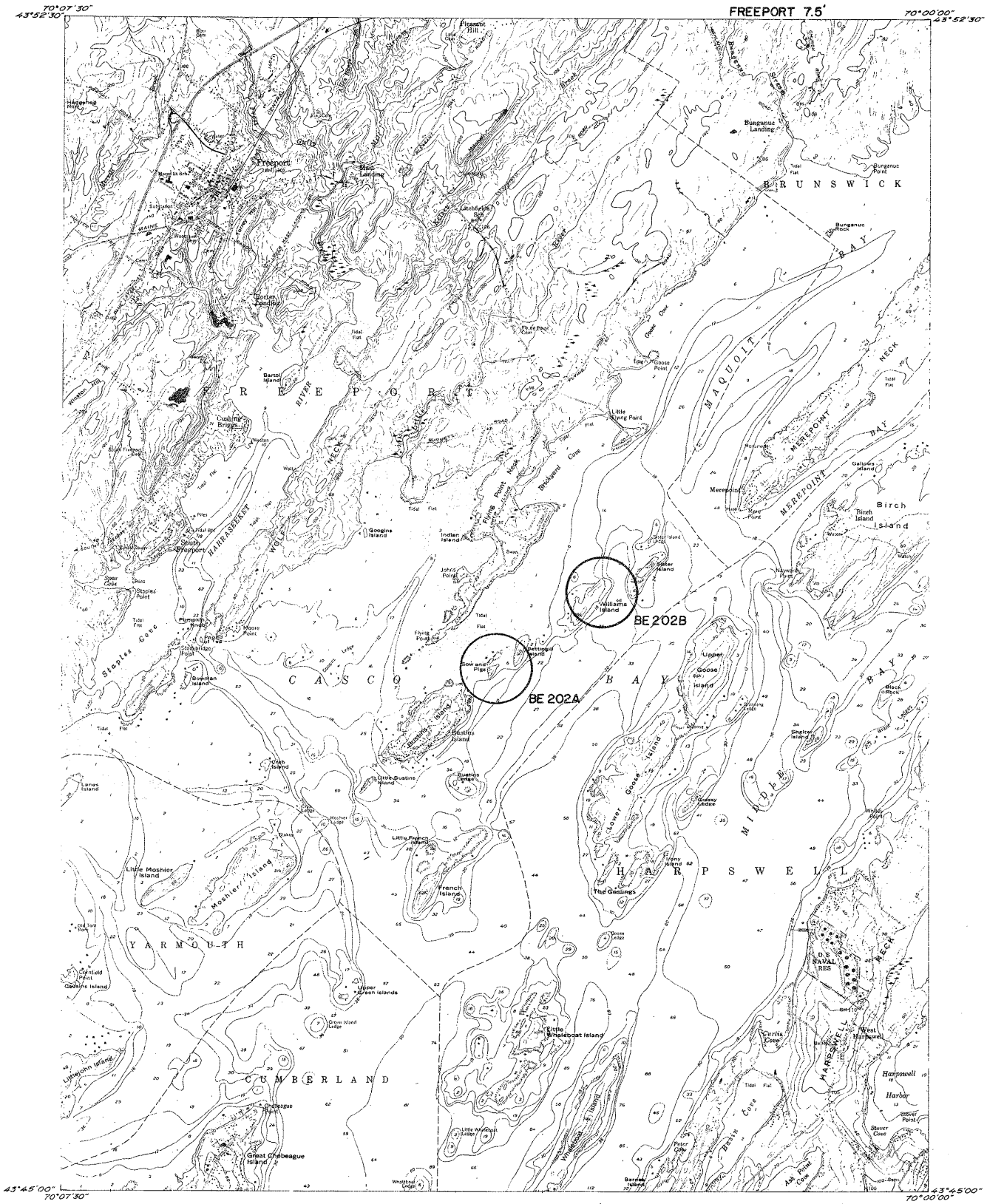
ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

FOREST CITY, MAINE–N.B.
PROVISIONAL EDITION 1988

45067-F6-TF-024



FREEPORT 7.5'

MAINE COASTAL PLAN
Mid-Coast Region
STATE PLANNING OFFICE

JUNE, 1972

Scale : 0 2000 4000 6000 8000 Feet

Note: For Legend Detail See Supplementary Sheet

SHEET 11J

Wetlands information furnished by Maine Department of Inland Fisheries and Game - Game Division.

The preparation of this map was financially aided by the Maine State Planning Office, and through a Federal Grant from the Water Resources Council.

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GARDINER QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 GARDINER 15' QUADRANGLE

© INTERIOR—GEOLOGICAL SURVEY RESTON, VIRGINIA—1980

Mapped, edited, and published by the Geological Survey

Control by USGS, NOS/NOAA, MDOT, and Maine Geodetic Survey

Topography by photogrammetric methods from aerial photographs taken 1973. Field checked 1974. Map edited 1980

Selected hydrographic data compiled from NOS chart 13298 (1978) This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, west zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 4 meters south and 42 meters west as shown by dashed corner ticks

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

Red tint indicates areas in which only landmark buildings are shown

There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
17½° 311 MILS — 0°34' 10 MILS

SCALE 1:24 000
1 MILE — 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET — 1 KILOMETER

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 5 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

MAINE
QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface		Light-duty road, hard or improved surface	
Secondary highway, hard surface		Unimproved road	

Interstate Route U. S. Route State Route

GARDINER, MAINE
NE/4 GARDINER 15' QUADRANGLE
N4407.5—W6945/7.5

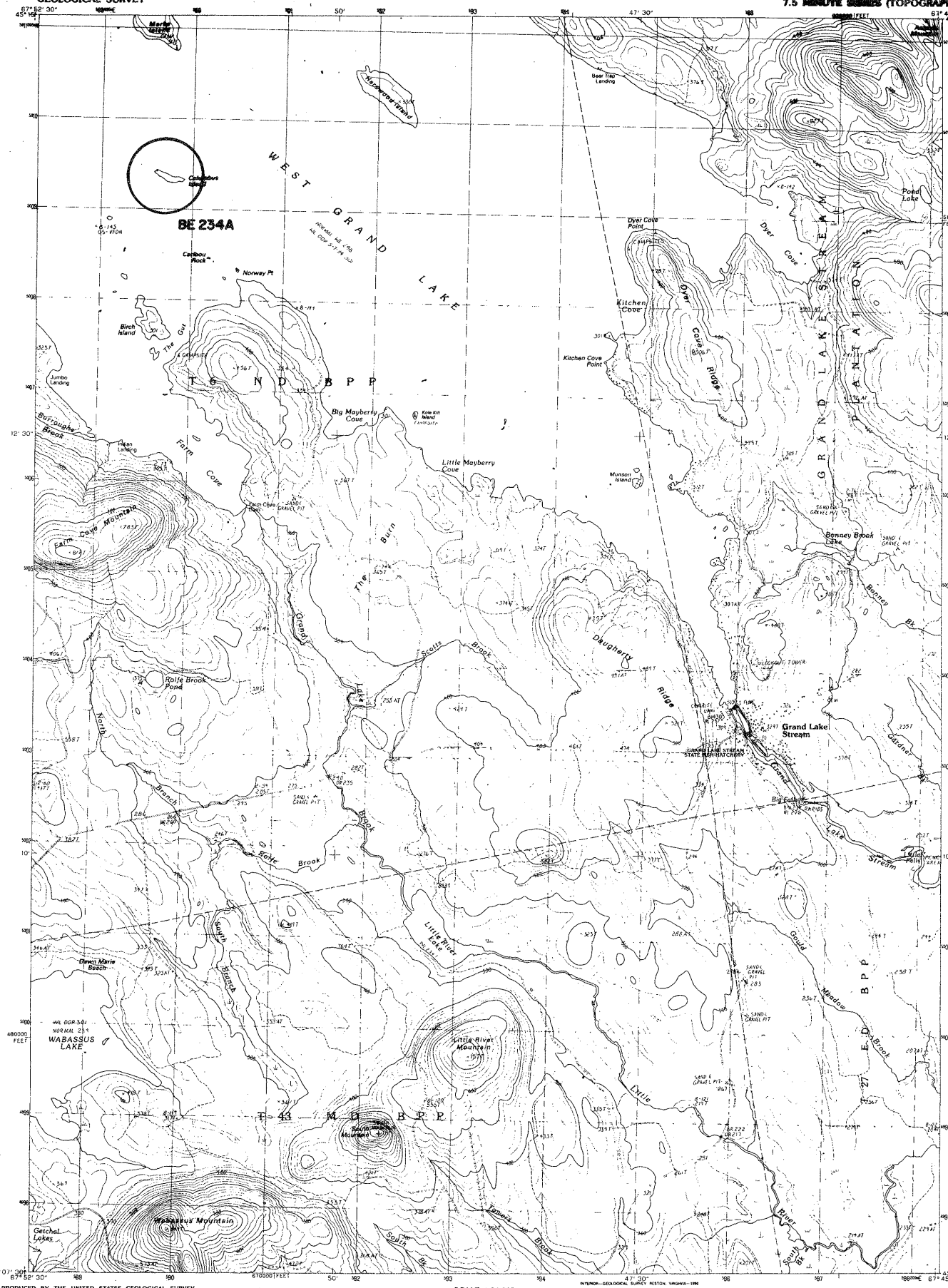
1980

DMA 7072 III NE—SERIES V811

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GRAND LAKE STREAM QUADRANGLE
MAINE—WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



effective 3/31/95

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY.....USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN.....1984
FIELD CHECKED.....1986. MAP EDITED.....1990
PROJECTION.....TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR.....ZONE 19
10,000-FOOT STATE GRID TICKS.....MAINE, EAST ZONE
UTM GRID DECLINATION.....0°51' EAST
1990 MAGNETIC NORTH DECLINATION.....19°30' WEST
VERTICAL DATUM.....NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM.....1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (47 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

1 0 1 2 KILOMETERS
1000 0 1000 2000 METERS
1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET

CONTOUR INTERVAL 20 FEET

To convert meters to feet multiply by 3.3808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1990

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Scraggly Lake
2 Oxbrook Lakes
3 Watte
4 Dark Cove Mtn
5 Big Lake
6 Fletcher Peak
7 Monroe Lake
8 Clifford Lake

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND
Improved Road.....
Unimproved Road.....
Trail.....
Interstate Route U. S. Route State Route

GRAND LAKE STREAM, MAINE
PROVISIONAL EDITION 1990
· 45067-B7-TF-024

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

GREAT WASS ISLAND QUADRANGLE
MAINE-WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 GREAT WASS ISLAND 15' QUADRANGLE

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C

USC&GS T-8650

Mapped by the U. S. Coast and Geodetic Survey
Edited and published by the Geological Survey

Control by USC&GS

Topography by plane-table surveys and from aerial photographs by multiplex methods
Aerial photographs taken 1944. Field check 1948
Hydrography from surveys dated 1870 to 1943

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, east zone

No distinction is made between dwellings, barns, commercial, and industrial buildings

Unchecked elevations are shown in brown

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1948

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 12 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS		DRY WEATHER ROADS
Heavy-duty	4 LANE 2 LANE	Improved dirt
Medium-duty	4 LANE 2 LANE	Unimproved dirt

Loose-surface, graded, or narrow hard-surface
U. S. Route   State Route

GREAT WASS ISLAND, ME.
NE/4 GREAT WASS ISLAND 15' QUADRANGLE
N4422.5—W6730/7.5

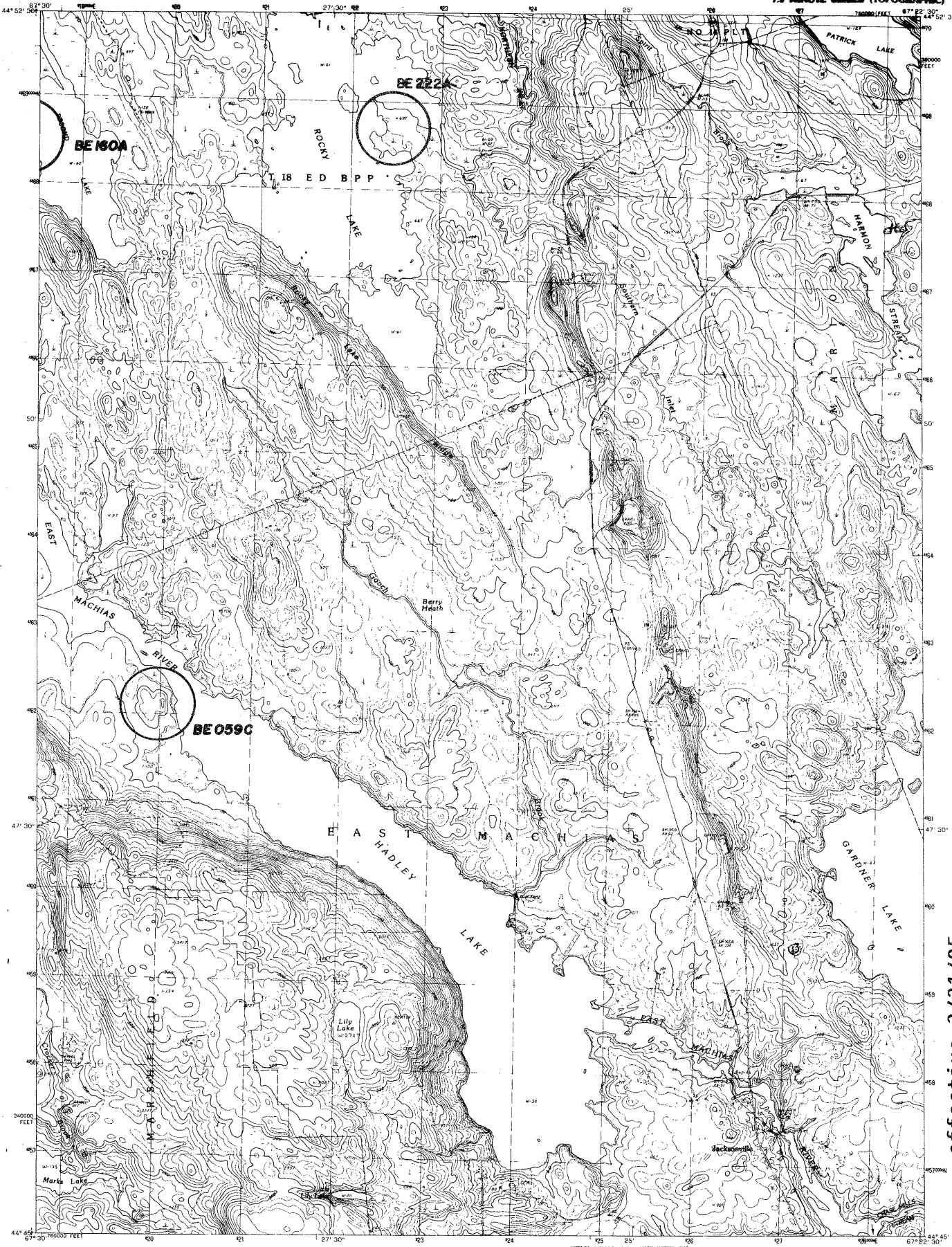
EDITION OF 1950

effective 10/1/99

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HADLEY LAKE QUADRANGLE
MAINE—WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



effective 3/31/95

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1981
FIELD CHECKED ..... 1988 MAP EDITED 1987
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 1°W EAST
1987 MAGNETIC NORTH DECLINATION ..... 19°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (49 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings

SCALE 1:24 000

MILES 0 .5 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10,000
KILOMETERS 0 .5 0 1
METERS 1000 0 1000 2000

CONTOUR INTERVAL 10 FEET

CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1987

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Round Lake
2 Lake Cathance
3 Porcupine Mountain
4 Bog Lake
5 Long Lake
6 Whitneyville
7 Machias
8 Machias Bay

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND
Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

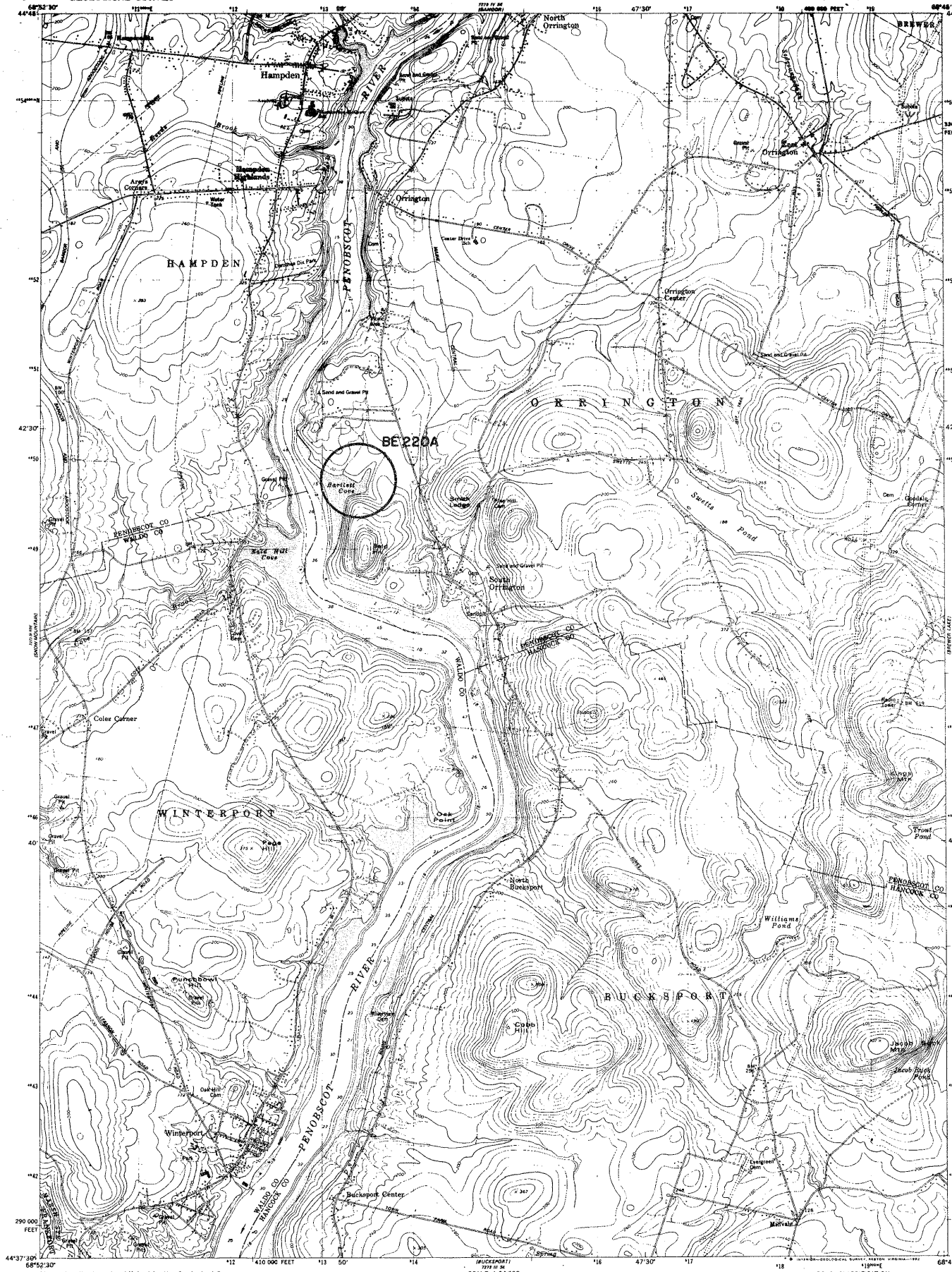
HADLEY LAKE, MAINE
PROVISIONAL EDITION 1987

44067-G4-TF-024

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MAINE
PUBLIC UTILITIES COMMISSION

HAMPDEN QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)
NEW BRUNSWICK 15' QUADRANGLE



effective 3/31/95

Mapped, edited, and published by the Geological Survey

Control by USGS, NOS/NOAA, and Maine State Highway Commission

Topography by photogrammetric methods from aerial photographs taken 1976 and 1977. Field checked 1979. Map edited 1982

Selected hydrographic data compiled from NOS chart 13309 (1981)
This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 2 meters south and 44 meters west as shown by dashed corner ticks

UTM GRID AND 1982 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 12.8 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U. S. Route / State Route

HAMPDEN, MAINE
NE/4 BUCKSPORT 15' QUADRANGLE
N4437.5—W6845/7.5

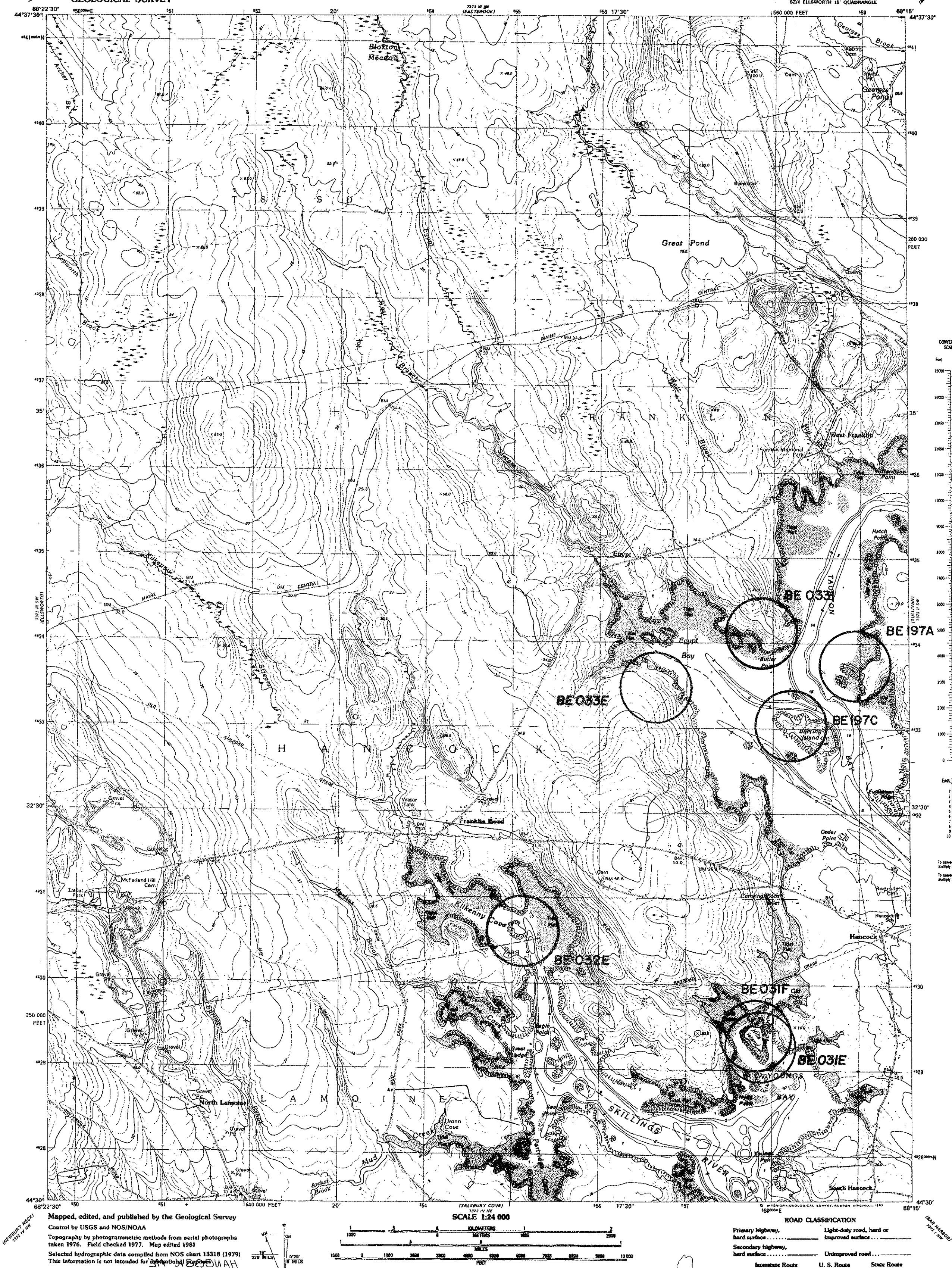
1982

DMA 7273 III NE—SERIES V811

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HANCOCK QUADRANGLE
MAINE–HANCOCK COUNTY
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 ELLSWORTH 15' QUADRANGLE

effective 2/20/98



CONVERSION SCALES

To convert feet to meters multiply by .3048

To convert meters to feet multiply by 3.2808

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1977. Map edited 1981

Selected hydrographic data compiled from NOS chart 13318 (1979) This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid ticks, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 2 meters south and 46 meters west as shown by dashed corner ticks

UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 3 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 METER
DEPTH CURVES AND SOUNDINGS IN METERS–DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 3.2 METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

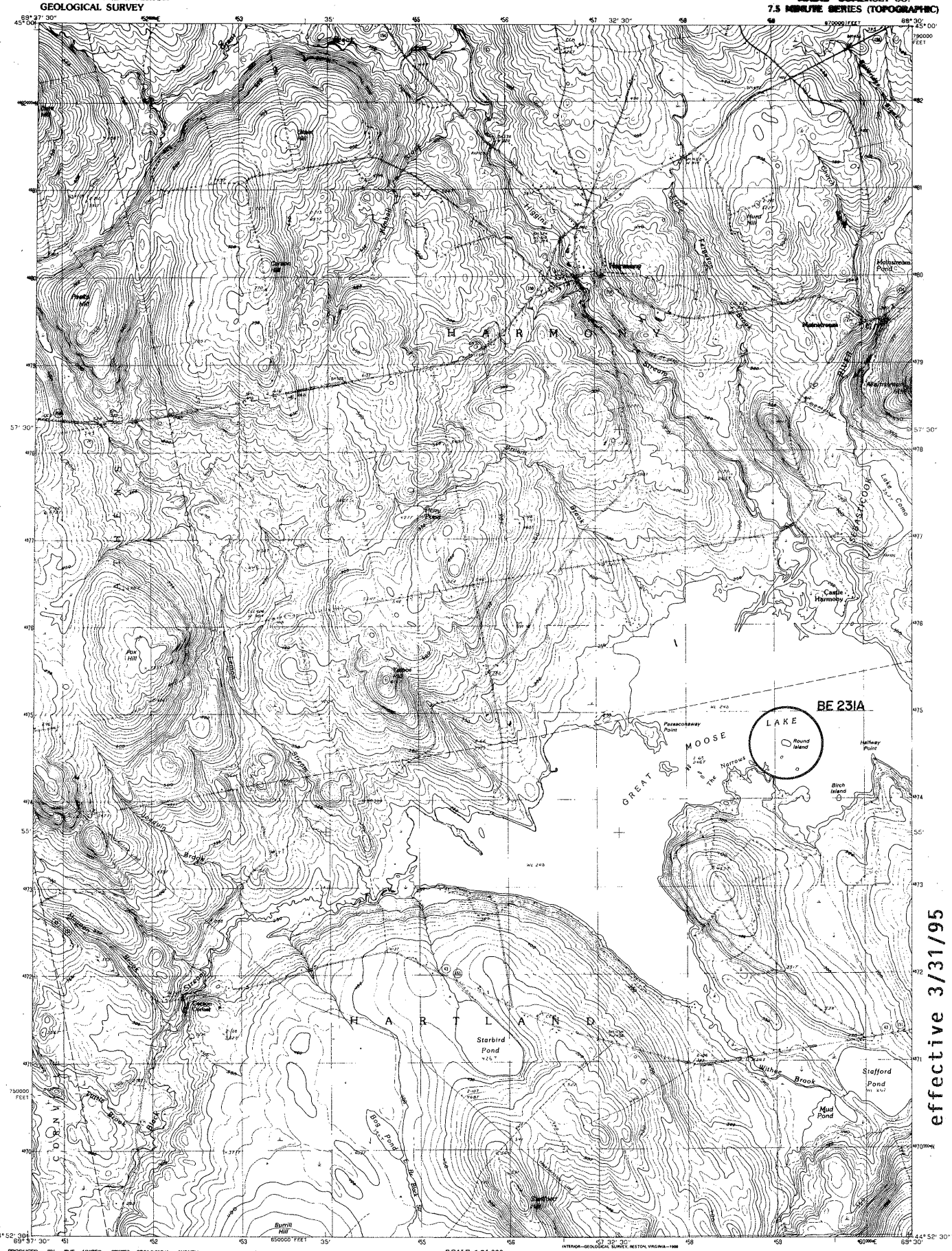
ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route U. S. Route	State Route

HANCOCK, MAINE
SE/4 ELLSWORTH 15' QUADRANGLE
N4430–W6815/7.5

1981

DMA 7373 III SE–SERIES V811


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
HARMONY QUADRANGLE
MAINE – SOMERSET CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
H A R M O N Y
H A R T L A N D
S A N G E R V I L L E
BE 23IA
LAKE
MOOSE
GREAT
Pleasant Pond
Lake Como
Starbird Pond
Stafford Pond
Mud Pond
Castle Harmony
Ox Hill
Peaked Hill
Burrill Hill
Ward Hill
Flagstaff
Harmony
Main Stream
Pleasant River
Piper Brook
Tuttle Brook
Black Brook
Withee Brook
Bog Pond
Round Island
Hallway Point
Birch Island
Pleasantcook
Passacossaway Point
The Narrows
SCALE 1:24 000
CONTOUR INTERVAL 10 FEET
PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.
ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route
U. S. Route
State Route
HARMONY, MAINE
PROVISIONAL EDITION 1989
effective 3/31/95

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

HARRINGTON QUADRANGLE
MAINE-WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 CHERRYFIELD 15' QUADRANGLE

effective 10/1/99

Mapped by the U. S. Coast & Geodetic Survey
Edited and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods supplemented by plane-table surveys 1945 and 1946
Aerial photographs taken 1944. Field check 1948
Hydrography from surveys dated 1881 to 1931

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, east zone

No distinction is made between dwellings, barns, commercial and industrial buildings

Unchecked elevations are shown in brown

1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE INTERVAL RANGE OF U. S. COMPUTATIONAL DATUM

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

UTM GRID AND 1948 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

MAINE
QUADRANGLE LOCATION

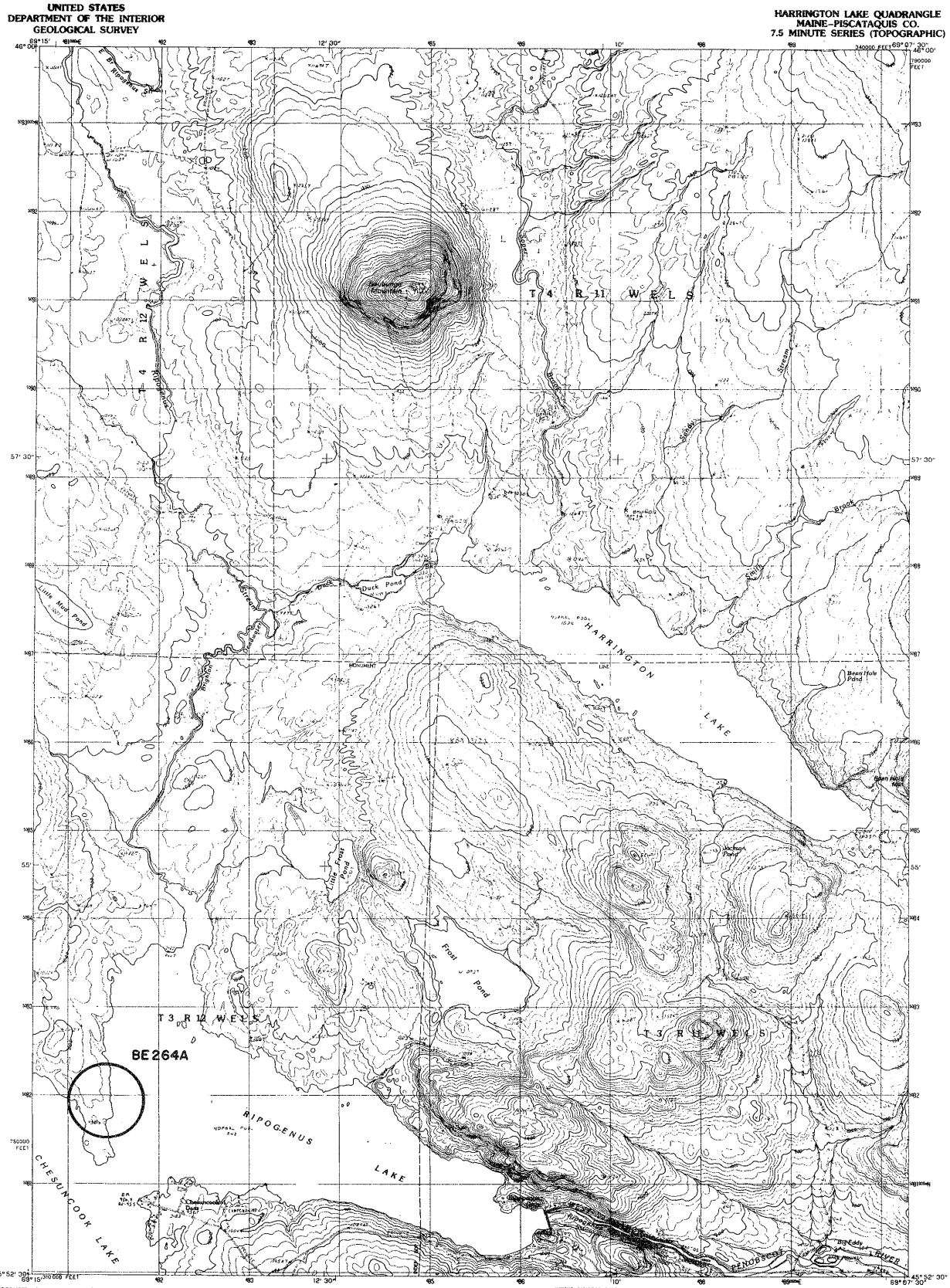
ROAD CLASSIFICATION

HARD SURFACE ALL WEATHER ROADS	DRY WEATHER ROADS
Heavy-duty	Improved dirt
Medium-duty	Unimproved dirt
Loose-surface, graded, or narrow hard-surface	
U. S. Route	State Route

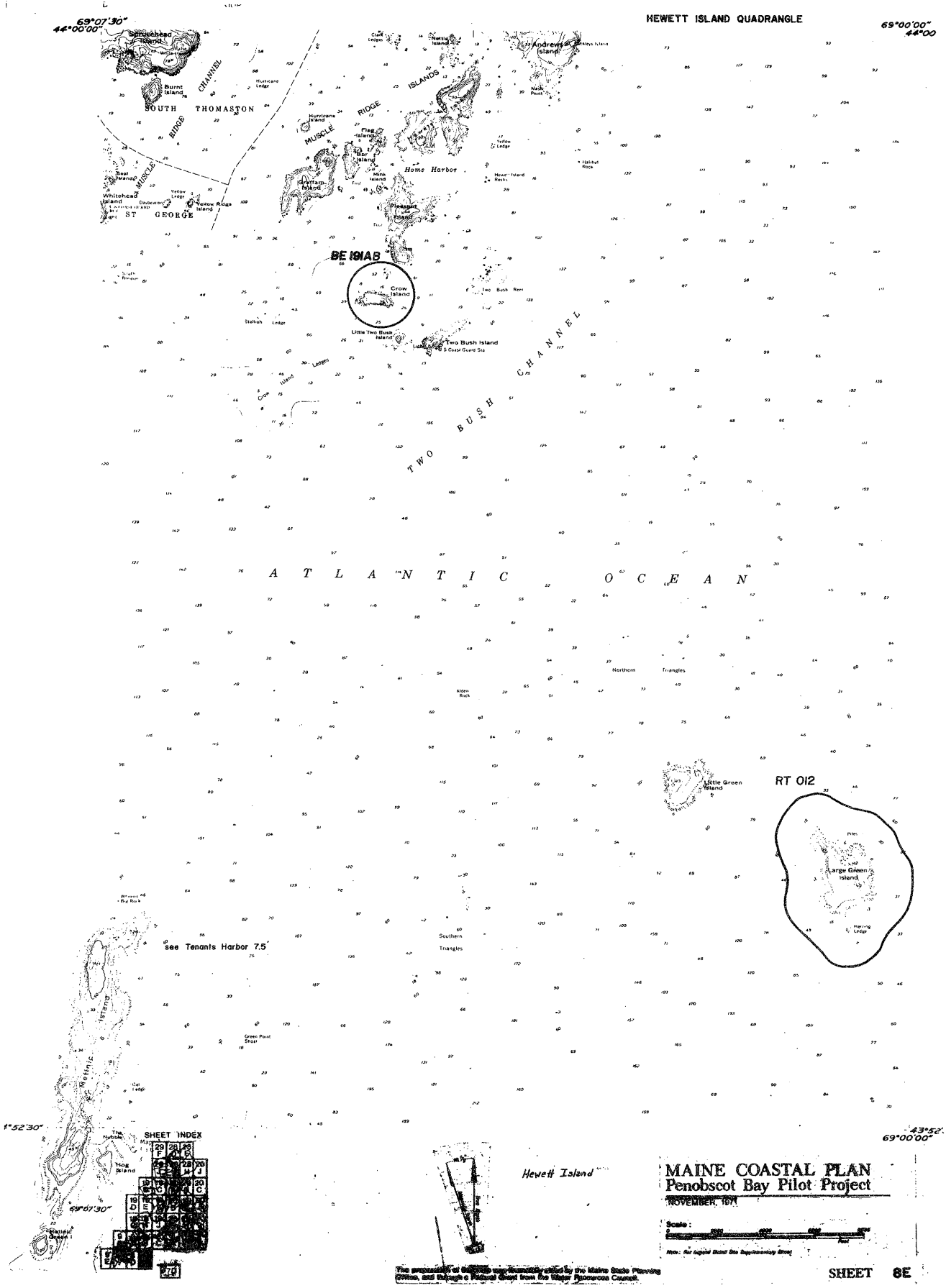
HARRINGTON, ME.
SE/4 CHERRYFIELD 15' QUADRANGLE
N4430—W6745/7.5

1948

AMS 7473 III SE—SERIES V811



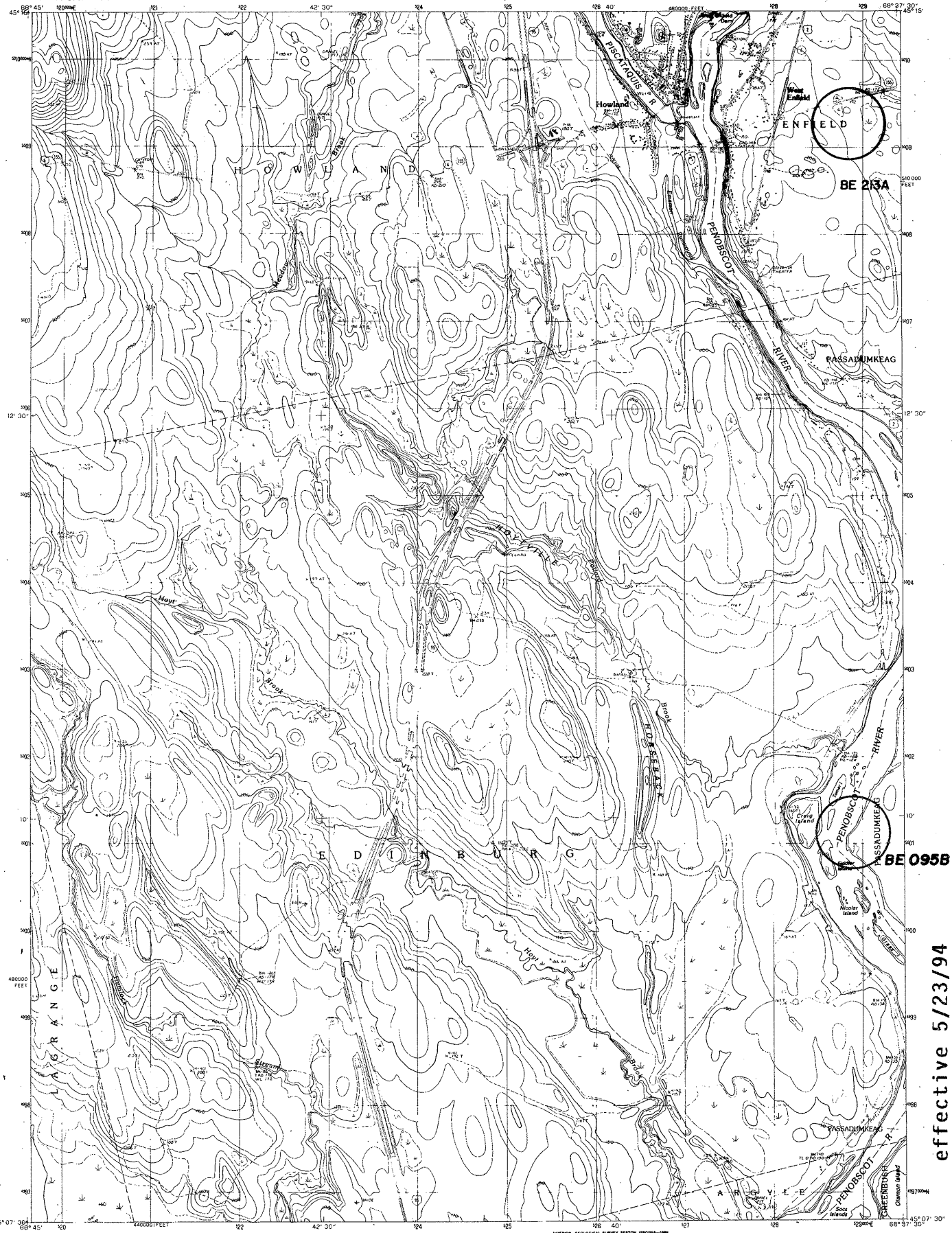
effective 2/20/98



effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HOWLAND QUADRANGLE
MAINE—PENOBSCOT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984
FIELD CHECKED ..... 1986 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°15' EAST
1988 MAGNETIC NORTH DECLINATION ..... 17°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM.
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters south and 44 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings
All islands in the Penobscot River are part of the Penobscot Indian Reservation

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2800

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988

QUADRANGLE LOCATION

		1 Hardy Pond
		2 Seboeis
		3 Lincoln Wing
4		5 Lagrange
		5 Passadumkeag
		6 South Lagrange
6	7	8 Greenbush
		8 Olamon

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route ( ) U.S. Route ( ) State Route

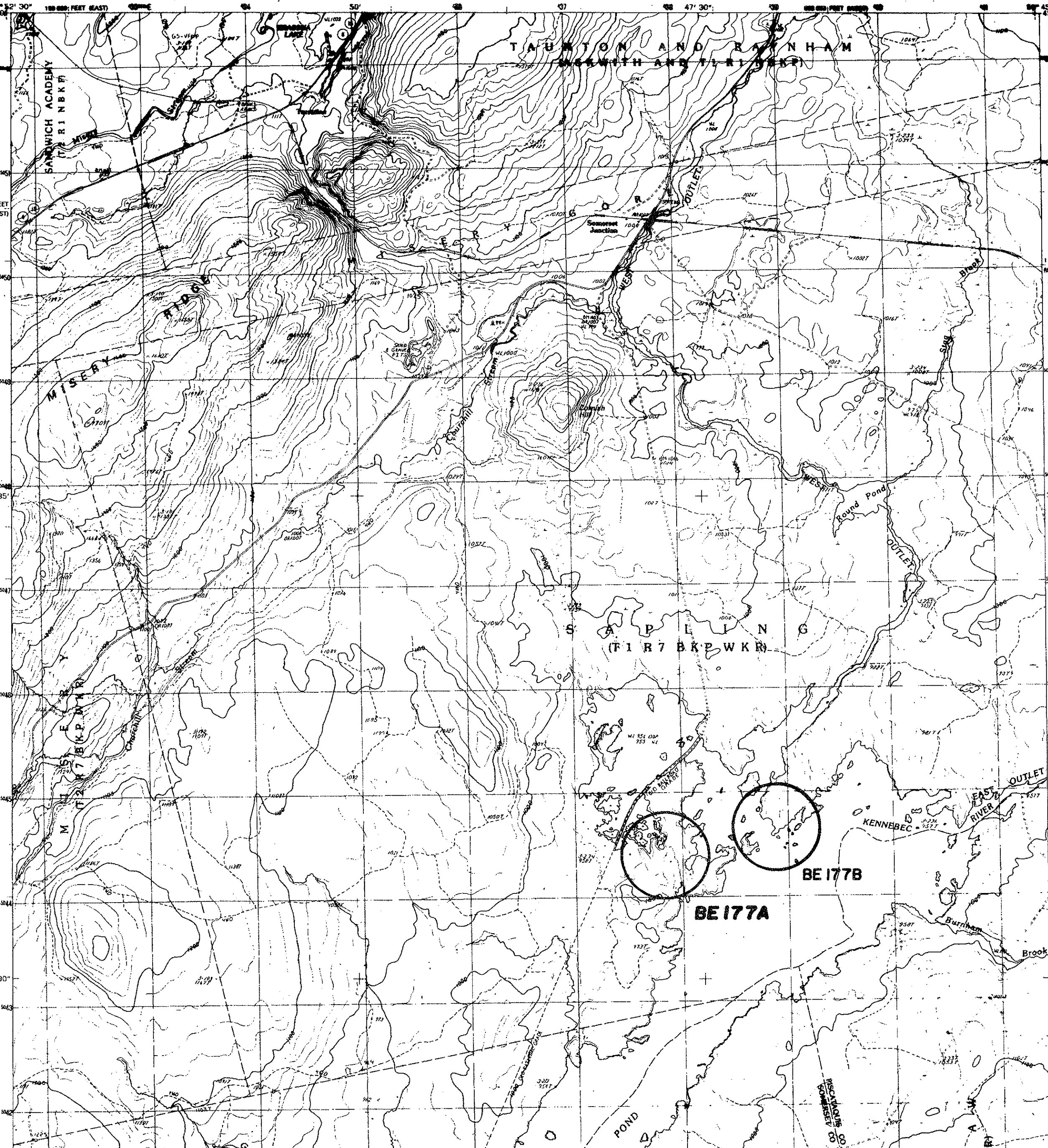
HOWLAND, MAINE
PROVISIONAL EDITION 1988

effective 5/23/94

HOWLAND, ME
Contours

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

INDIAN POND NORTH QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY .... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1983
FIELD CHECKED .... 1986. MAP EDITED 1986
PROJECTION .... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR .... ZONE 19
10,000-FOOT STATE GRID TICKS .... MAINE, WEST AND EAST ZONES
UTM GRID DECLINATION .... 0°58' WEST
1986 MAGNETIC NORTH DECLINATION .... 18°20' WEST
VERTICAL DATUM .... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM .... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters south and 41 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Brassua Lake West
2 Brassua Lake East
3 Mt. Kineo
4 Misery Knob
5 Moosehead
6 Black Brook Pond
7 Indian Pond South
8 Big Squaw Pond

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road ....
Unimproved Road ....
Trail ....
Interstate Route U. S. Route State Route

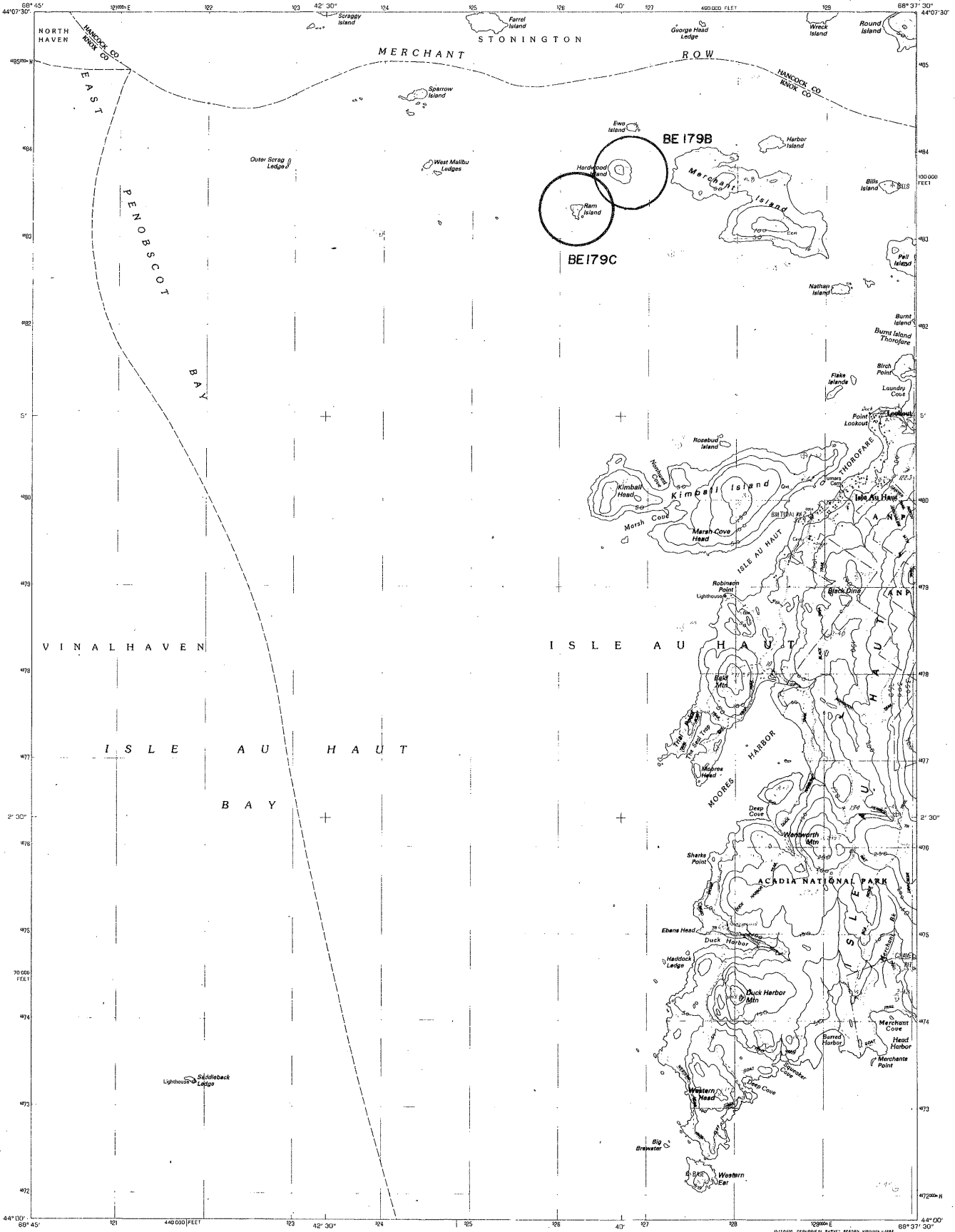
INDIAN POND NORTH, MAINE
PROVISIONAL EDITION 1986
45069-E7-TF-024

INDIAN POND NCR
Contours

effective 3/31/95

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ISLE AU HAUT WEST QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
FIELD CHECKED ..... 1980 MAP EDITED 1983
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°13' EAST
1983 MAGNETIC NORTH DECLINATION ..... 18°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters south and 45 meters west)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 North Haven East
2 Deer Isle
3 Stinson Neck
4 Vinalhaven
5 Isle au Haut East
6
7
8

ADJOINING 7.5' QUADRANGLE NAMES

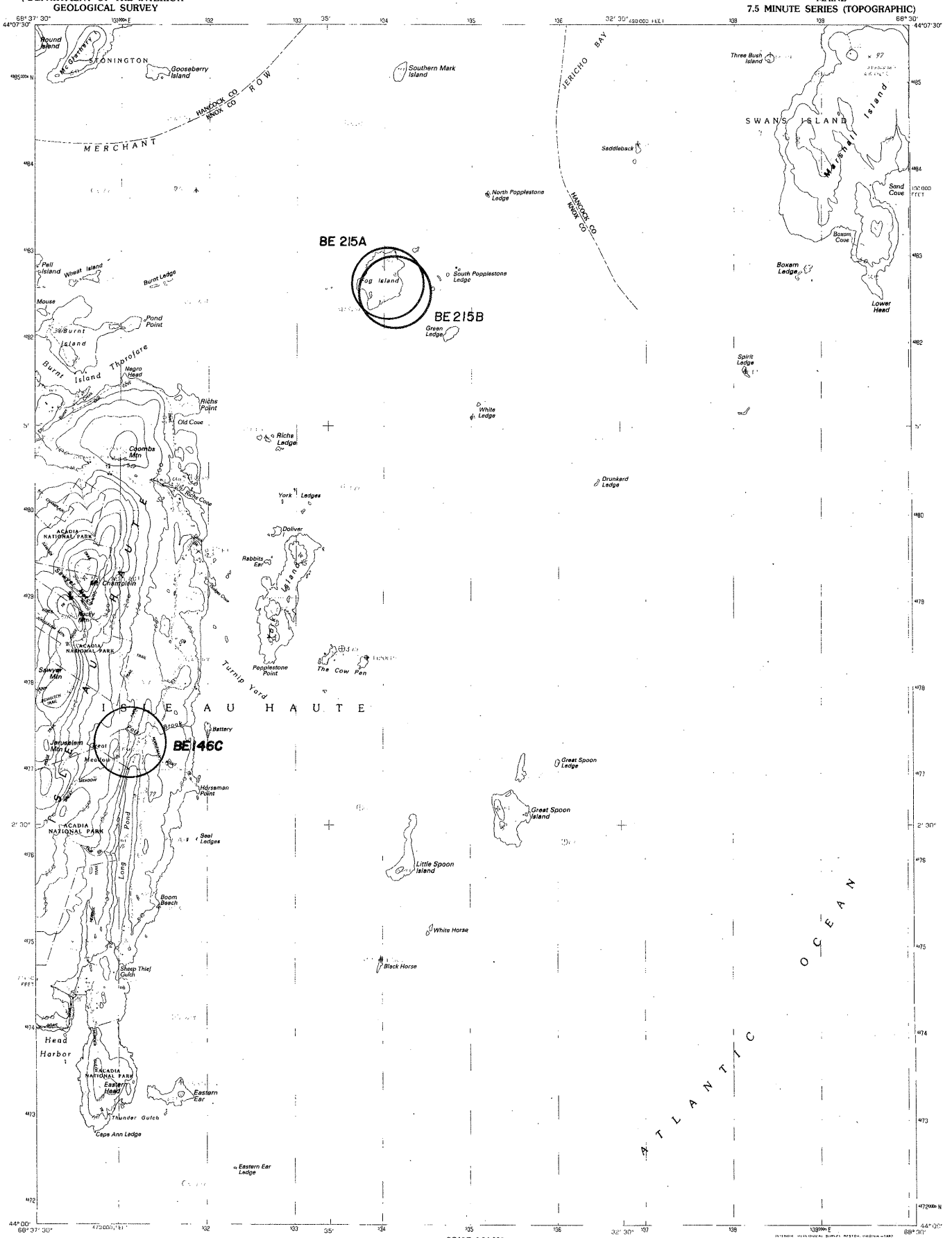
ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U. S. Route State Route

ISLE AU HAUT WEST, MAINE
PROVISIONAL EDITION 1983
44068-A6-TF-024

effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ISLE AU HAUT EAST QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1974
FIELD CHECKED ..... 1980 MAP EDITED 1983
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°19' EAST
1983 MAGNETIC NORTH DECLINATION ..... 18°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters south and 45 meters west)

There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

SCALE 1:24 000

KILOMETERS 1 0 1 2
METERS 1000 0 1000 2000
MILES 1 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000

CONTOUR INTERVAL 10 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Deer Isle
2 Stinson Neck
3 Swans Island
4 Isle au Haut West
5 Johns Island
6 Matinicus
7
8

ADJOINING 7.5' QUADRANGLE NAMES

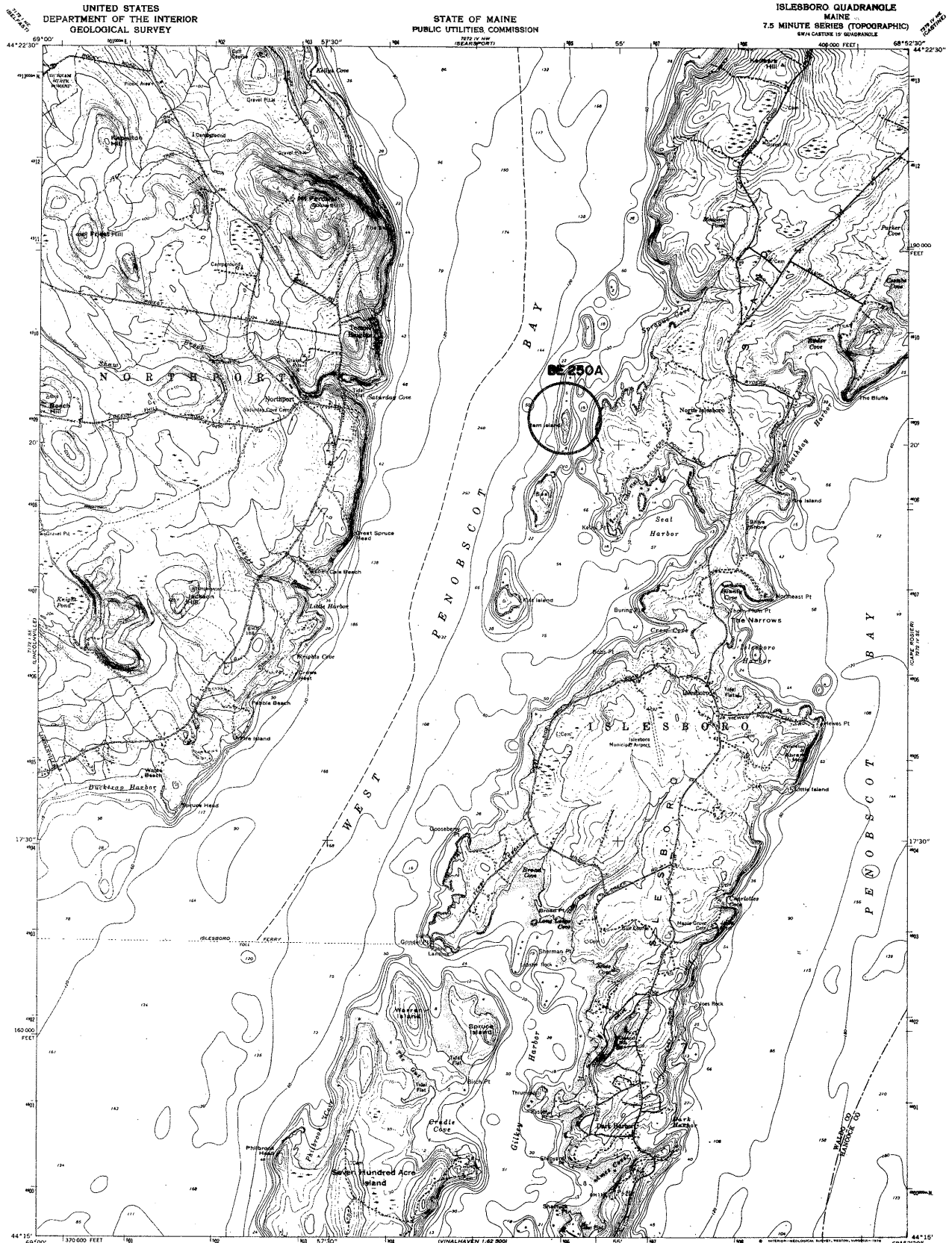
ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

ISLE AU HAUT EAST, MAINE
PROVISIONAL EDITION 1983

44068-A5-TF-024

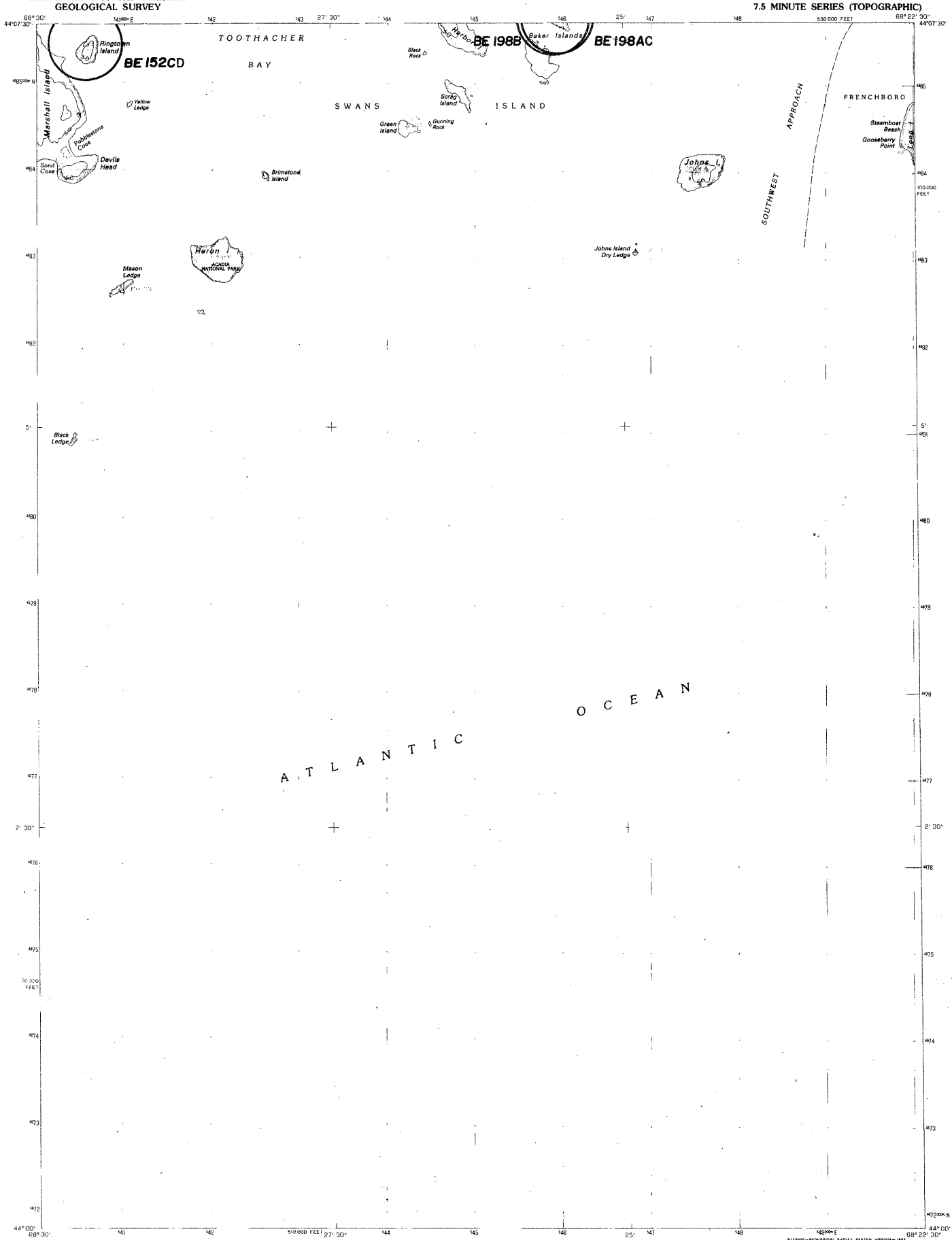
effective 10/1/99



effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JOHNS ISLAND QUADRANGLE
MAINE—HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
FIELD CHECKED ..... 1980. MAP EDITED 1983
PROJECTION ..... TRANSVERSE MERCATOR
GRID, 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°52' EAST
1983 MAGNETIC NORTH DECLINATION ..... 18°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters south and 46 meters west)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

SCALE 1:24 000

KILOMETERS 0 1000 METERS 1000 2000
MILES 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10,000 FEET

CONTOUR INTERVAL 10 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Stinson Neck
2 Swans Island
3 Bass Harbor
4 Isle au Haut East
5 Frenchboro
6
7
8

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND
Improved Road .....
Unimproved Road .....
Trail .....
( ) Interstate Route ( ) U. S. Route ( ) State Route

JOHNS ISLAND, MAINE
PROVISIONAL EDITION 1983
44068-A4-TF-024

effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

JONESPORT QUADRANGLE
MAINE-WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 COLUMBIA FALLS 15' QUADRANGLE

BE 056E
BE 056D
BE 056C
BE 111D
BE 183A
BE 054A
BE 153B
BE 153C
BE 153D
BE 093C

effective 10/1/99

Mapped by U. S. Coast and Geodetic Survey
Edited and published by the Geological Survey

Control by USGS, USC&GS (C), and USED (E)

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1944. Field check 1948
Hydrography from surveys dated 1870 to 1902

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, east zone

No distinction is made between dwellings, barns, commercial and industrial buildings

Unchecked elevations are shown in brown

1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue

SCALE 1:24 000

UTM GRID AND 1948 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET DATUM IS MEAN LOW WATER
SHORELINE REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 12 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

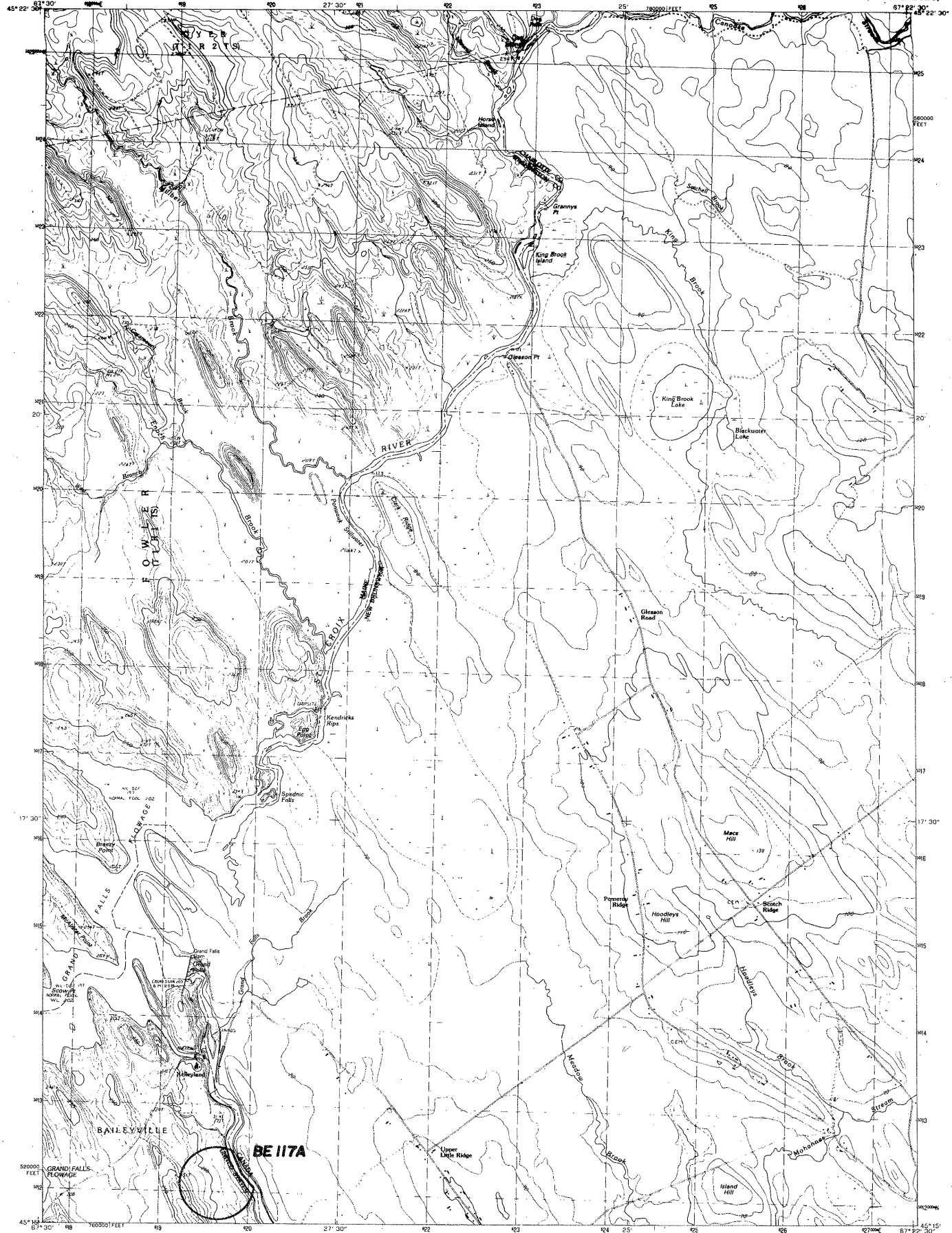
ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS	DRY WEATHER ROADS
Heavy-duty	Improved dirt
Medium-duty	Unimproved dirt
Loose-surface, graded, or narrow hard-surface	
U. S. Route	State Route

JONESPORT, ME.
SE/4-COLUMBIA FALLS 15' QUADRANGLE
N4430—W6730/7.5
-1948
AMS 7473 II SE SERIES V811

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

KELLEYLAND QUADRANGLE
MAINE–NEW BRUNSWICK
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA, AND ISC
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984
FIELD CHECKED ..... 1986 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 1°37' EAST
1988 MAGNETIC NORTH DECLINATION ..... 20°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (48 meters west)

There may be private inholdings within the boundaries of any Federal or State reservations shown on this map

No distinction made between houses, barns, and other buildings

Canadian portion copied from Rollingsdam Quadrangle (1:50,000) 1980, Department of Energy, Mines, and Resources

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET
1 0 1 MILES
1000 0 1000 2000 METERS
1 0 1 2 KILOMETERS

CONTOUR INTERVAL 10 FEET
CONTOUR INTERVAL 10 METERS IN CANADA
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Simonash Lake
2 Loon Bay
3
4 Tomah Ridge
5
6 Princeton
7 Woodland
8 Calais

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND

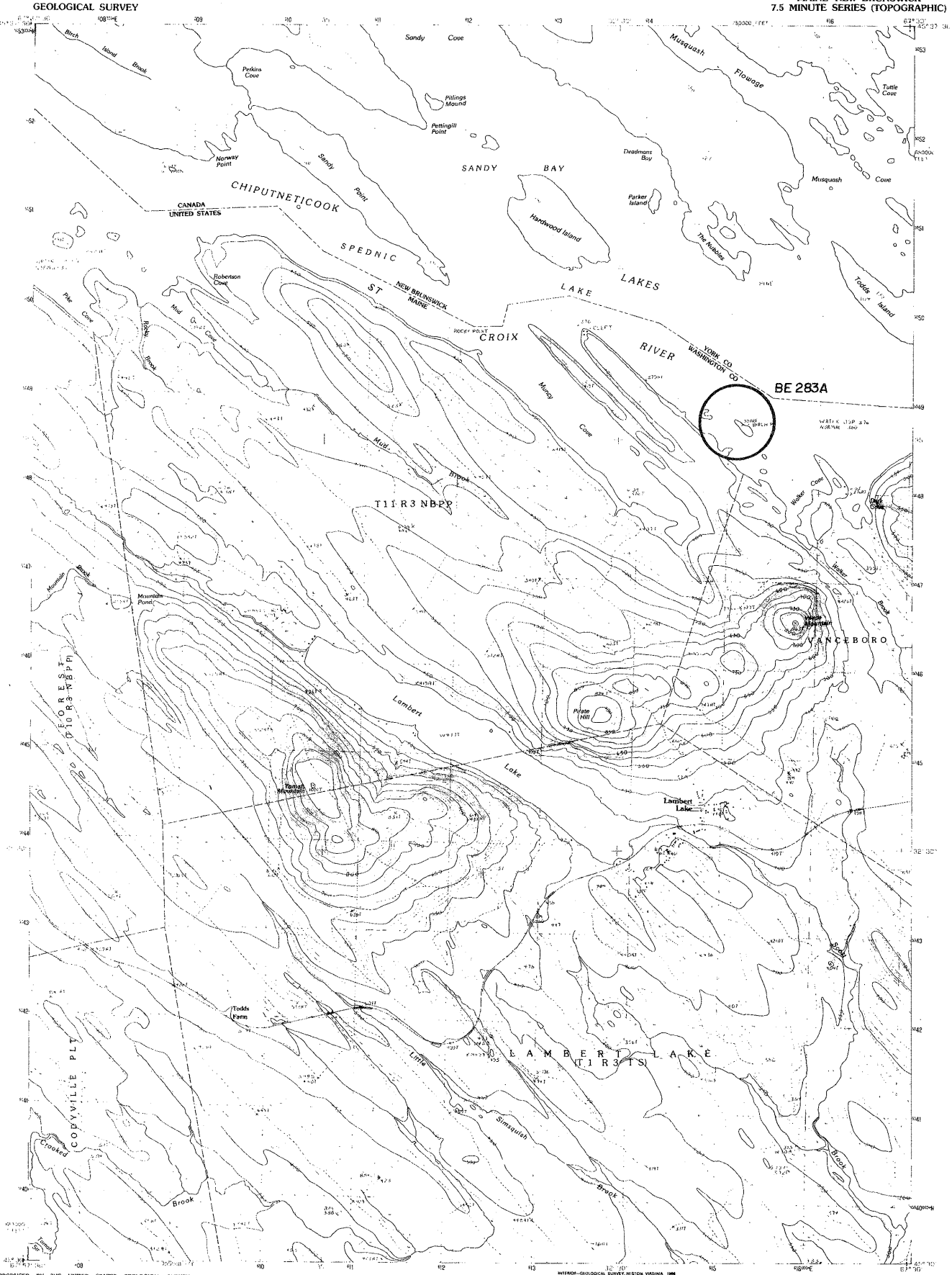
Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

KELLEYLAND, MAINE-N.B.
PROVISIONAL EDITION 1988
Contours

effective 3/1/93

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAMBERT LAKE QUADRANGLE
MAINE–NEW BRUNSWICK
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS NOS/NOAA AND IBC
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984
FIELD CHECKED ..... 1986 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 1°02' EAST
1988 MAGNETIC NORTH DECLINATION ..... 20°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (47 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings
Canadian portion copied from Forest City Quadrangle (1:50 000) 1980, Department of Energy, Mines, and Resources

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

MILES 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000
KILOMETERS 0 1
METERS 1000 0 1000 2000

CONTOUR INTERVAL 10 FEET IN THE UNITED STATES
CONTOUR INTERVAL 10 METERS IN CANADA
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

MAINE*
QUADRANGLE LOCATION
1 Forest City
2
3
4 Forest
5 Vanceboro
6 Tomah Mountain
7 Simsquish Lake
8 Loon Bay
ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND
Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

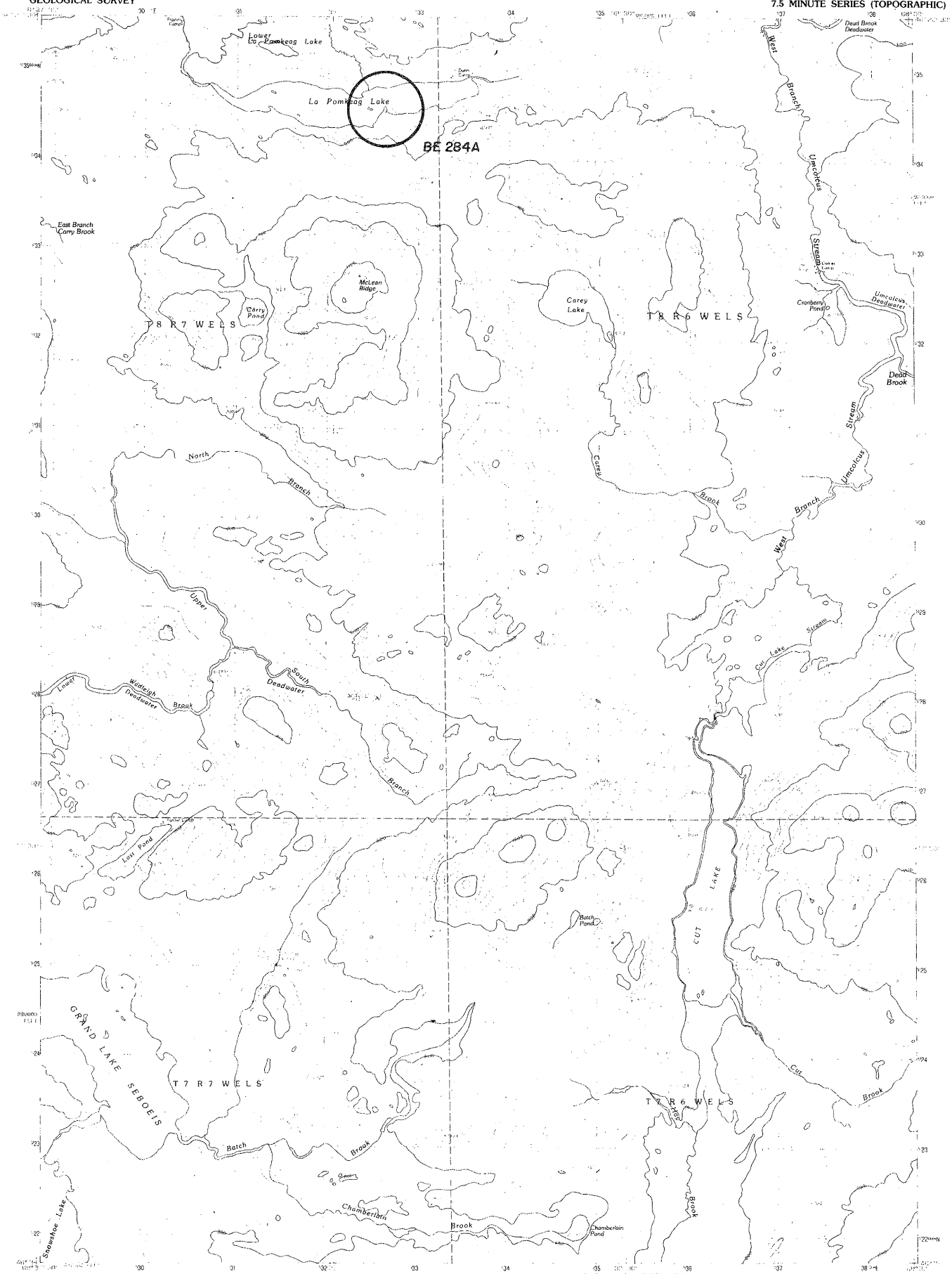
INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA 1988
MAINE
PROVISIONAL EDITION 1988
45068-NE-TF-024
FOREST SERIES
MILLINOCKET PROJ.–CAH

Lambert Lake, 1
Contours

effective 10/1/99

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LA POMKEAG LAKE QUADRANGLE
MAINE–PENOBSCOT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1982
FIELD CHECKED ..... 1984. MAP EDITED 1985
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°19' EAST
1985 MAGNETIC NORTH DECLINATION ..... 20° WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (42 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET
1 0 1 2 KILOMETERS
1000 0 1000 2000 METERS

CONTOUR INTERVAL 20 FEET
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Chandler Mtn
2 Oxbow West
3 Oxbow East
4 Grand Lake Seboeis
5 Umcolcus Lake
6 Hay Lake
7 Hay Brook Mtn
8 Green Mtn

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....

Interstate Route U. S. Route State Route

LA POMKEAG LAKE, MAINE
PROVISIONAL EDITION 1985

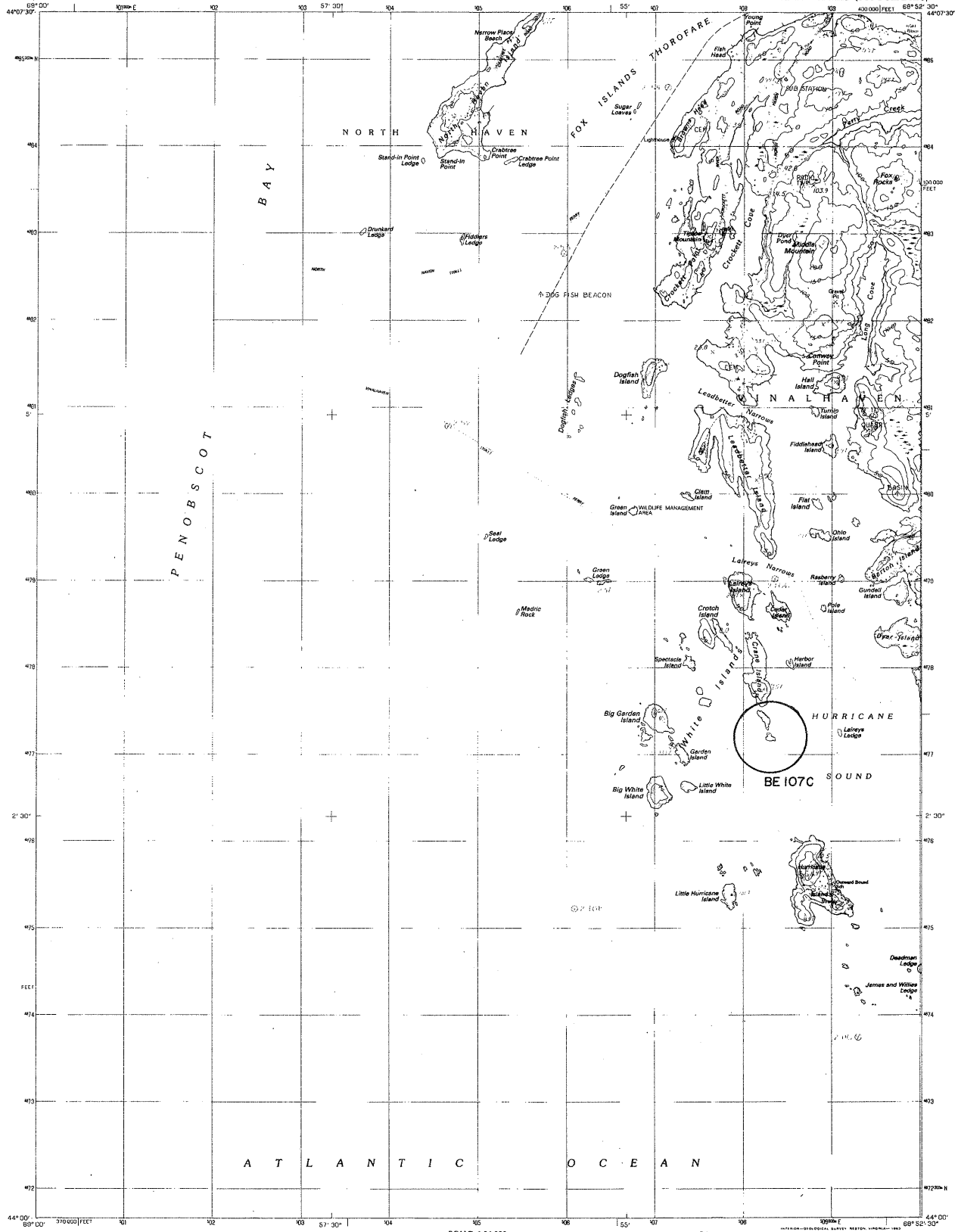
46068-CS-TF-024

La Pomkeag L
Contours

effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LEADBETTER ISLAND QUADRANGLE
MAINE – KNOX CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1975
FIELD CHECKED ..... 1980 MAP EDITED 1982
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°32' EAST
1982 MAGNETIC NORTH DECLINATION ..... 16°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (3 meters south and 45 meters west)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

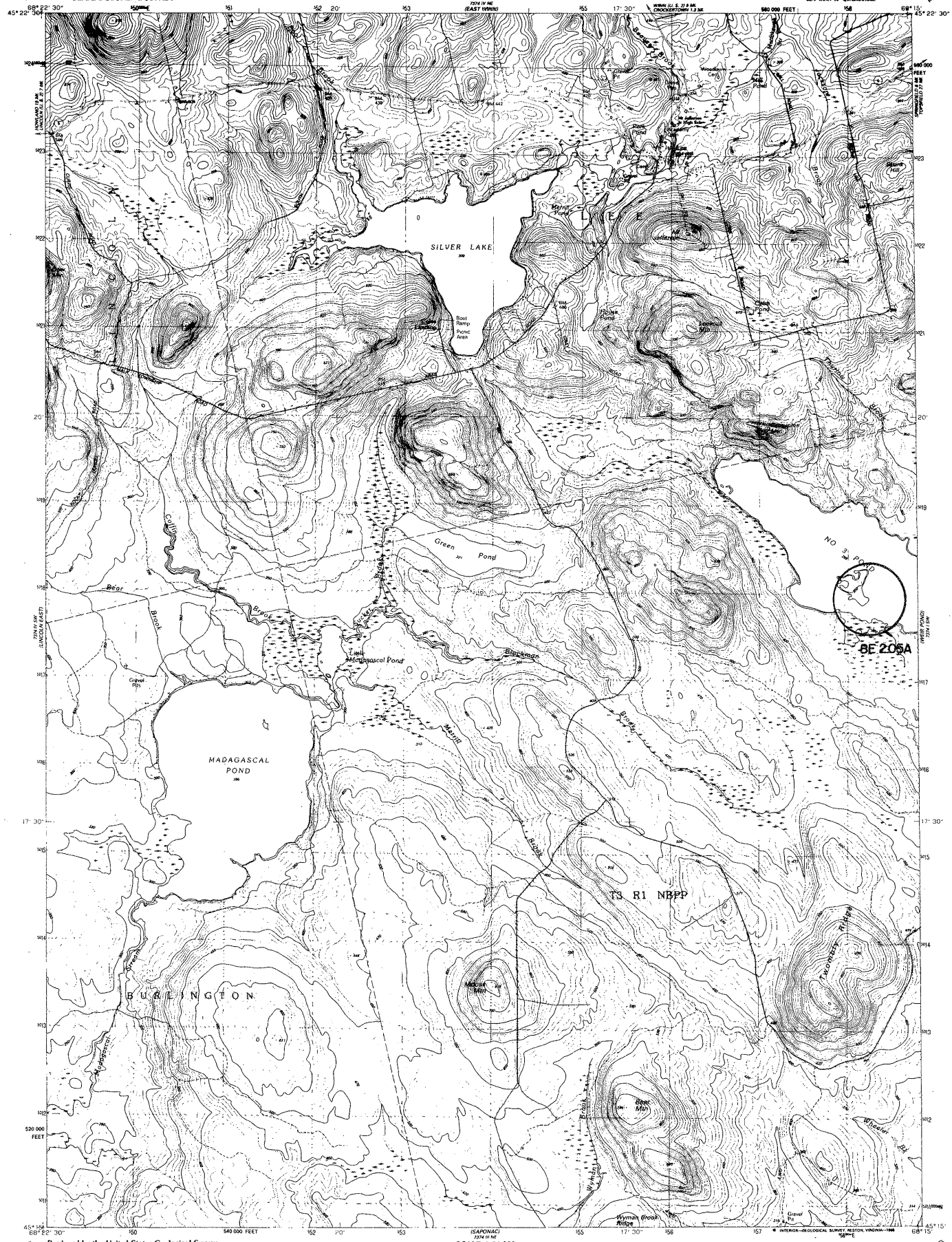
QUADRANGLE LOCATION

ADJOINING 7.5' QUADRANGLE NAMES
1 Camden
2 North Haven West
3 North Haven East
4 Rockland
5 Vinalhaven
6 Hewett Island
7
8

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U. S. Route State Route

LEADBETTER ISLAND, MAINE
PROVISIONAL EDITION 1982
44068-A8-TF-024

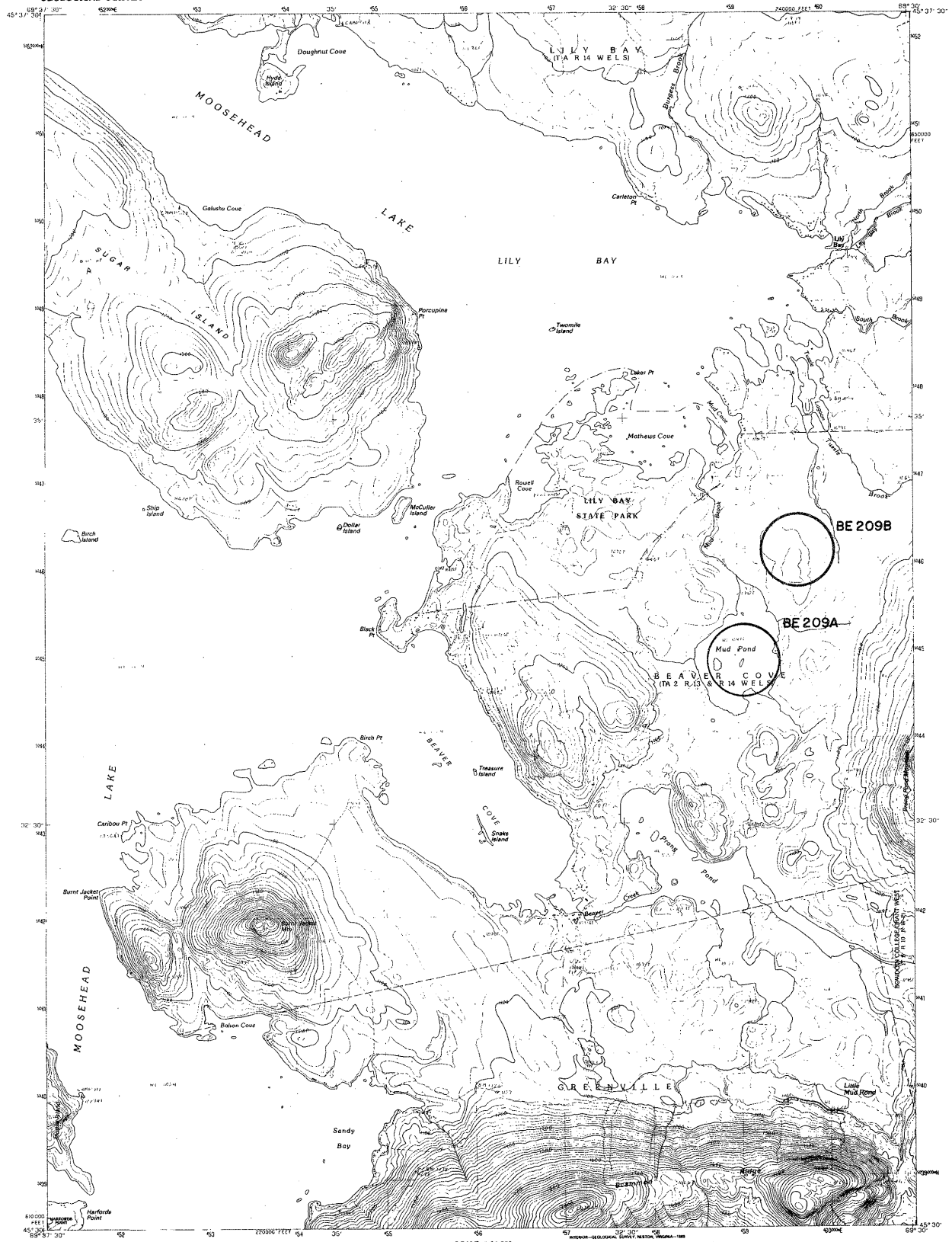
effective 2/20/98



effective 3/1/93

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LILY BAY QUADRANGLE
MAINE-PISCATAQUIS CO
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1985
FIELD CHECKED ..... 1987 MAP EDITED 1989
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, WEST ZONE
UTM GRID DECLINATION ..... 0°34' WEST
1989 MAGNETIC NORTH DECLINATION ..... 18°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters south and 42 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

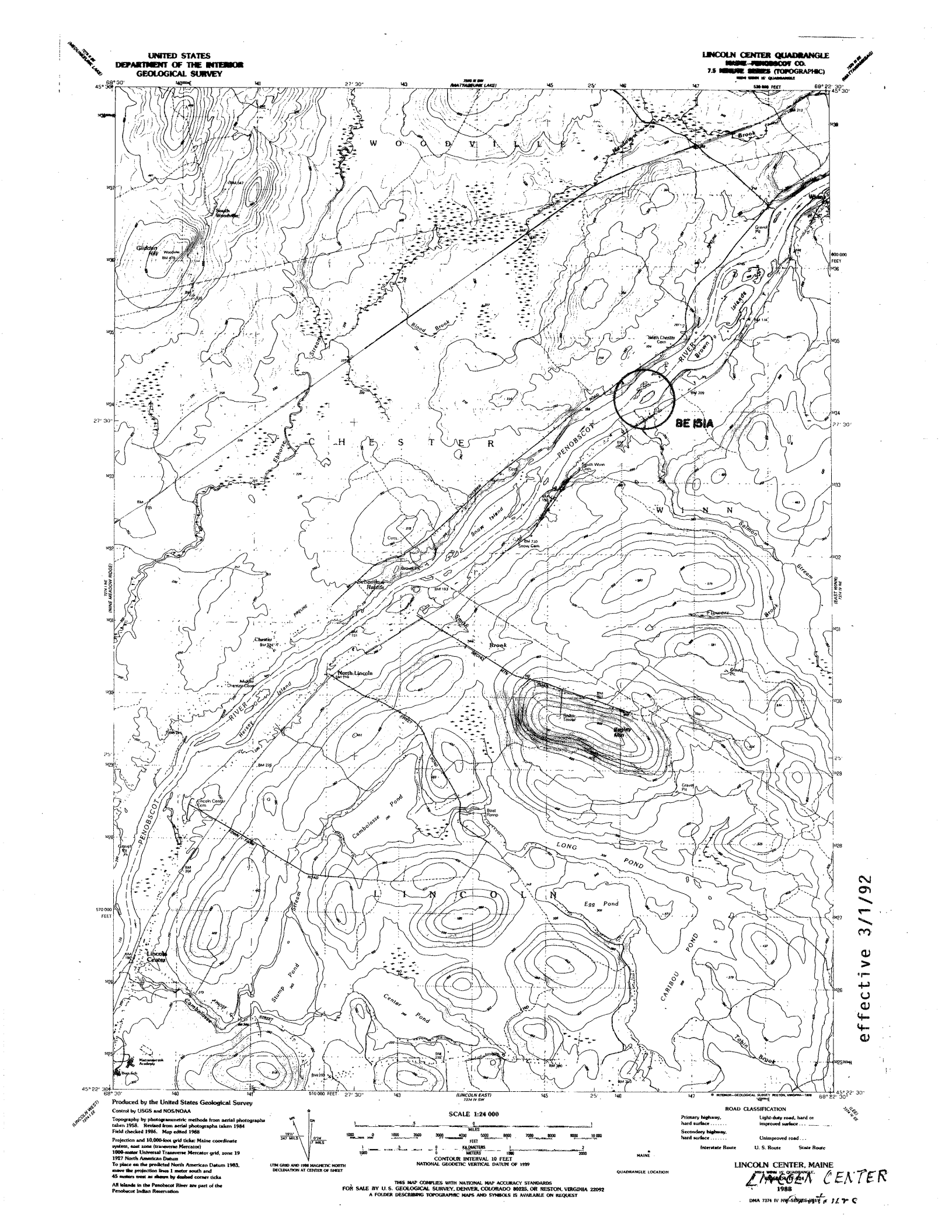
1 Mount Kineo
2 Spencer Bay
3 Kokadjo
4 Moosehead
5 Number Four Mtn.
6 Big Squaw Pond
7 Greenville
8 Barren Mtn. West

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U. S. Route State Route

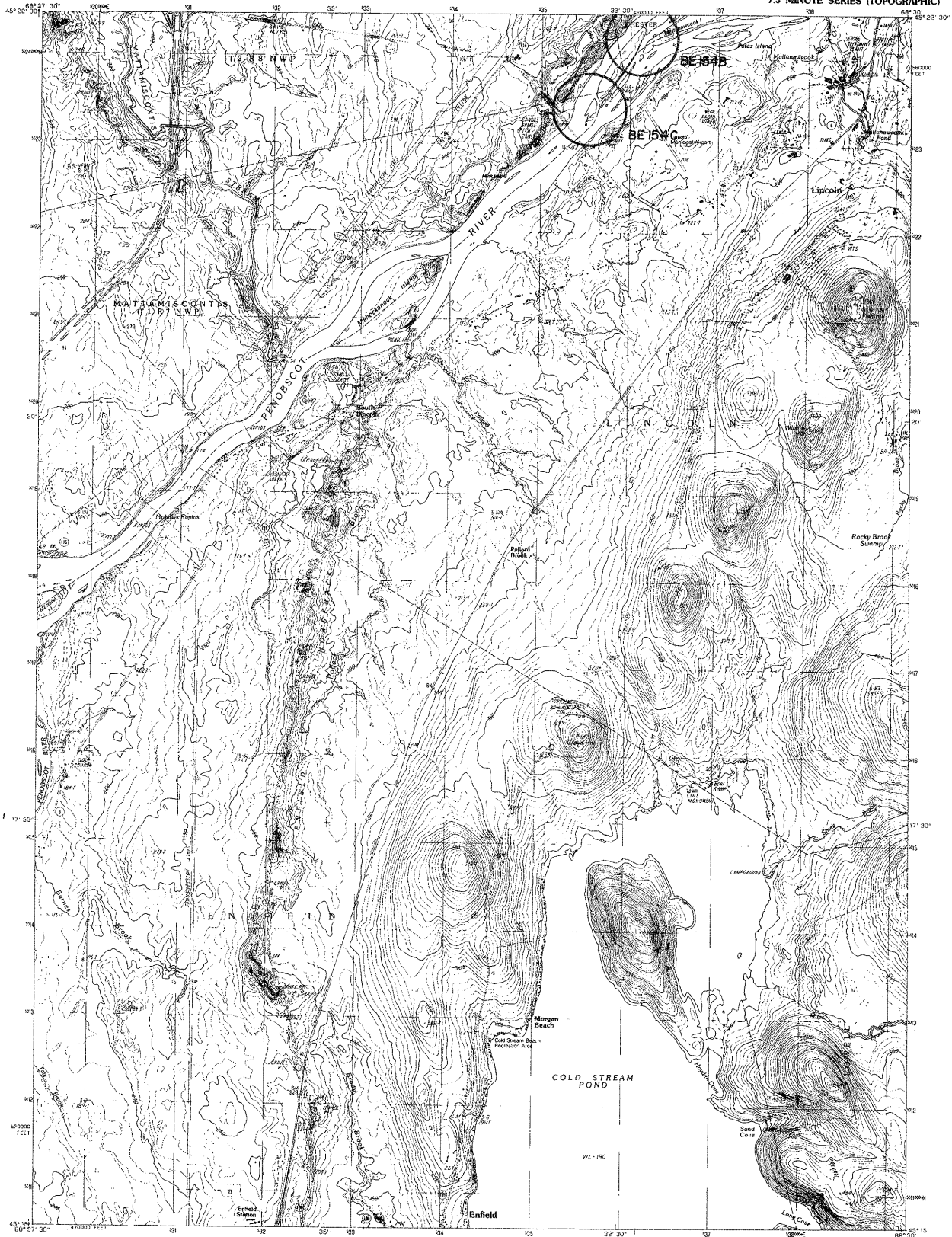
LILY BAY, MAINE
PROVISIONAL EDITION 1989
45069-E5-TF-024

effective 2/20/98


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
LINCOLN CENTER QUADRANGLE
MAINE—PENOBSCOT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
68°30'
45°30'
68°22'30"
45°22'30"
WOODVILLE
CHESTER
WINN
LINCOLN
BE 151A
PENOBSCOT
RIVER
Blood Brook
Snow Island
Cambolasse Pond
LONG POND
Egg Pond
CARIBOU POND
Center Pond
Stump Pond
Lincoln Center
North Lincoln
Chester
Woodville
Glidden Hill
Mattanawcook Academy
570 000 FEET
600 000 FEET
Produced by the United States Geological Survey
Control by USGS and NOS/NOAA
Topography by photogrammetric methods from aerial photographs taken 1958. Revised from aerial photographs taken 1984
Field checked 1986. Map edited 1988
Projection and 10,000-foot grid ticks: Maine coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 1 meter south and 45 meters east as shown by dashed corner ticks
All islands in the Penobscot River are part of the Penobscot Indian Reservation
SCALE 1:24 000
MILES
FEET
KILOMETERS
METERS
CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
UTM GRID AND 1988 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
ROAD CLASSIFICATION
Primary highway, hard surface
Light-duty road, hard or improved surface
Secondary highway, hard surface
Unimproved road
Interstate Route
U. S. Route
State Route
MAINE
QUADRANGLE LOCATION
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST
LINCOLN CENTER, MAINE
1988
DMA 7374 IV NW—SERIES V816
effective 3/1/92

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LINCOLN WEST QUADRANGLE
MAINE–PENOBSCOT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984
FIELD CHECKED ..... 1986 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 10000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°15' EAST
1988 MAGNETIC NORTH DECLINATION ..... 19°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meters south and 45 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings
Gray tint indicates area in which selected buildings are shown
All islands in the Penobscot River are part of the Penobscot Indian Reservation

PROVISIONAL MAP
Produced from original, manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000
1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 FEET
1 0 1 2 KILOMETERS
1000 0 1000 2000 METERS
CONTOUR INTERVAL 10 FEET
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

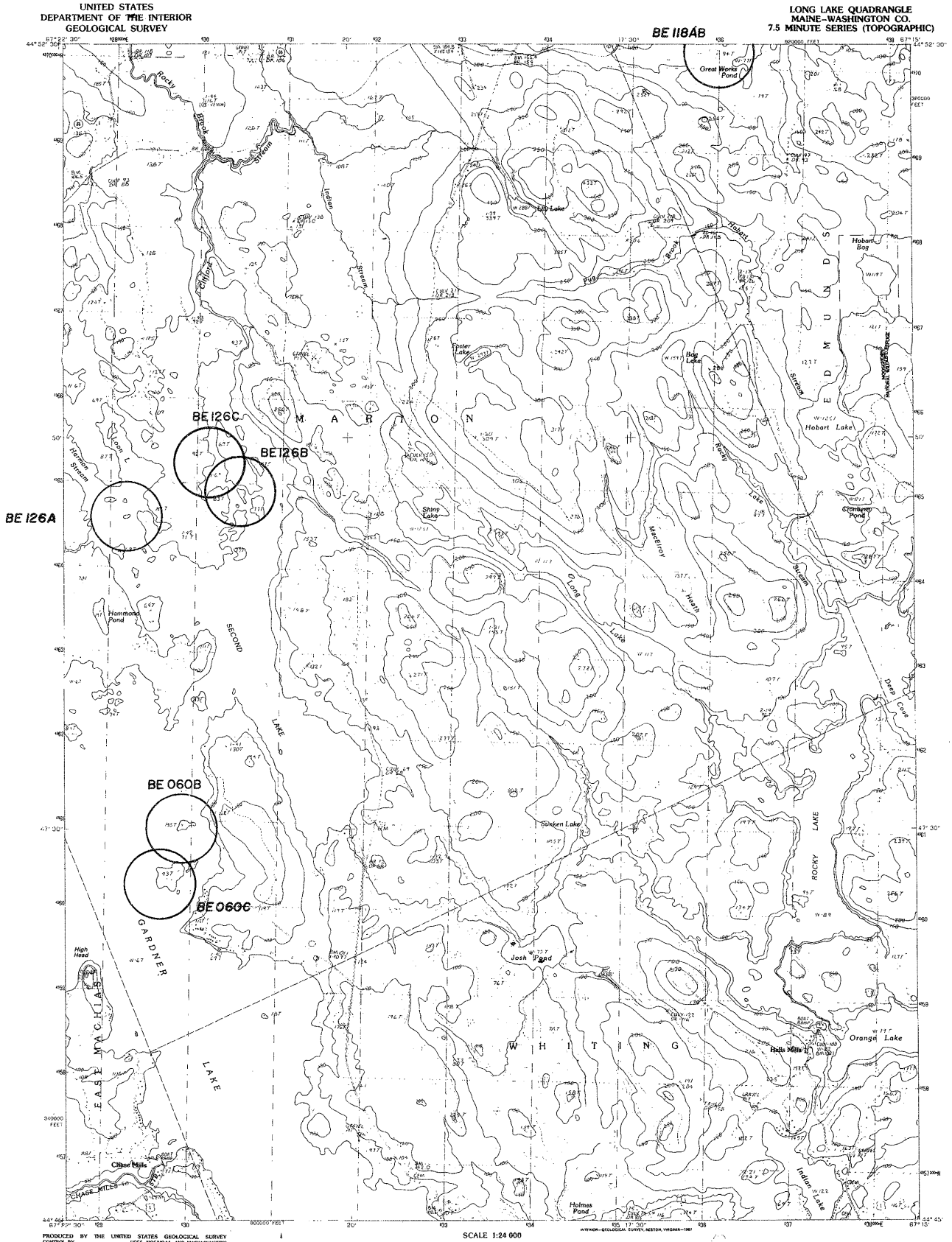
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION
1 2 3
4 5
6 7 8
1 Mattawamkeag Mtn.
2 Haynesville Ridge
3 Lincoln Center
4 Sebois
5 Lincoln East
6 Howland
7 Passadumkeag
8 Burlington
ADJOINING 7.5 QUADRANGLES, MAINE

ROAD LEGEND
Improved Road .....
Unimproved Road .....
Trail .....
( ) Interstate Route ( ) U.S. Route ( ) State Route

LINCOLN WEST, MAINE
PROVISIONAL EDITION 1988
Contours

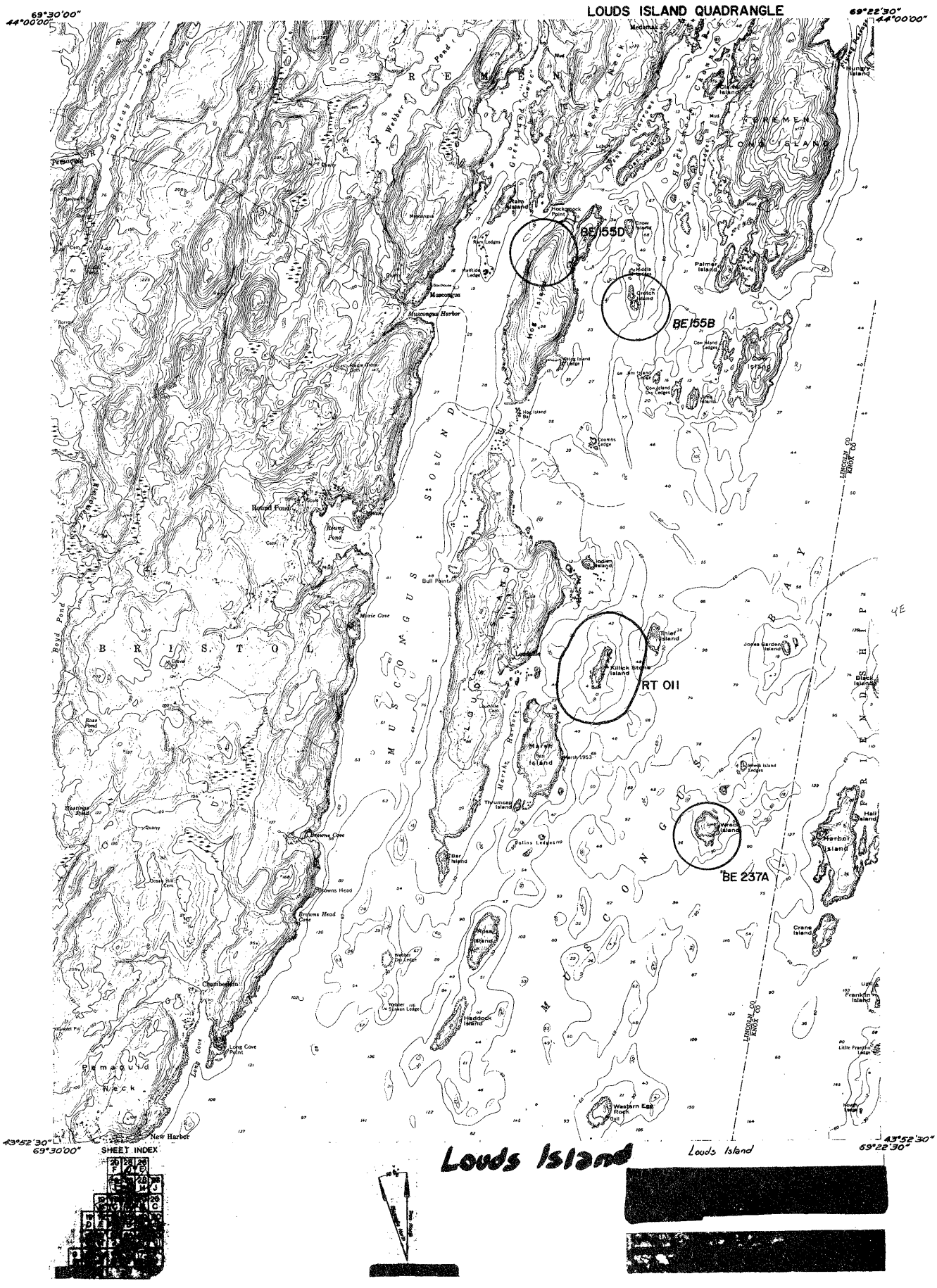
effective 2/20/98

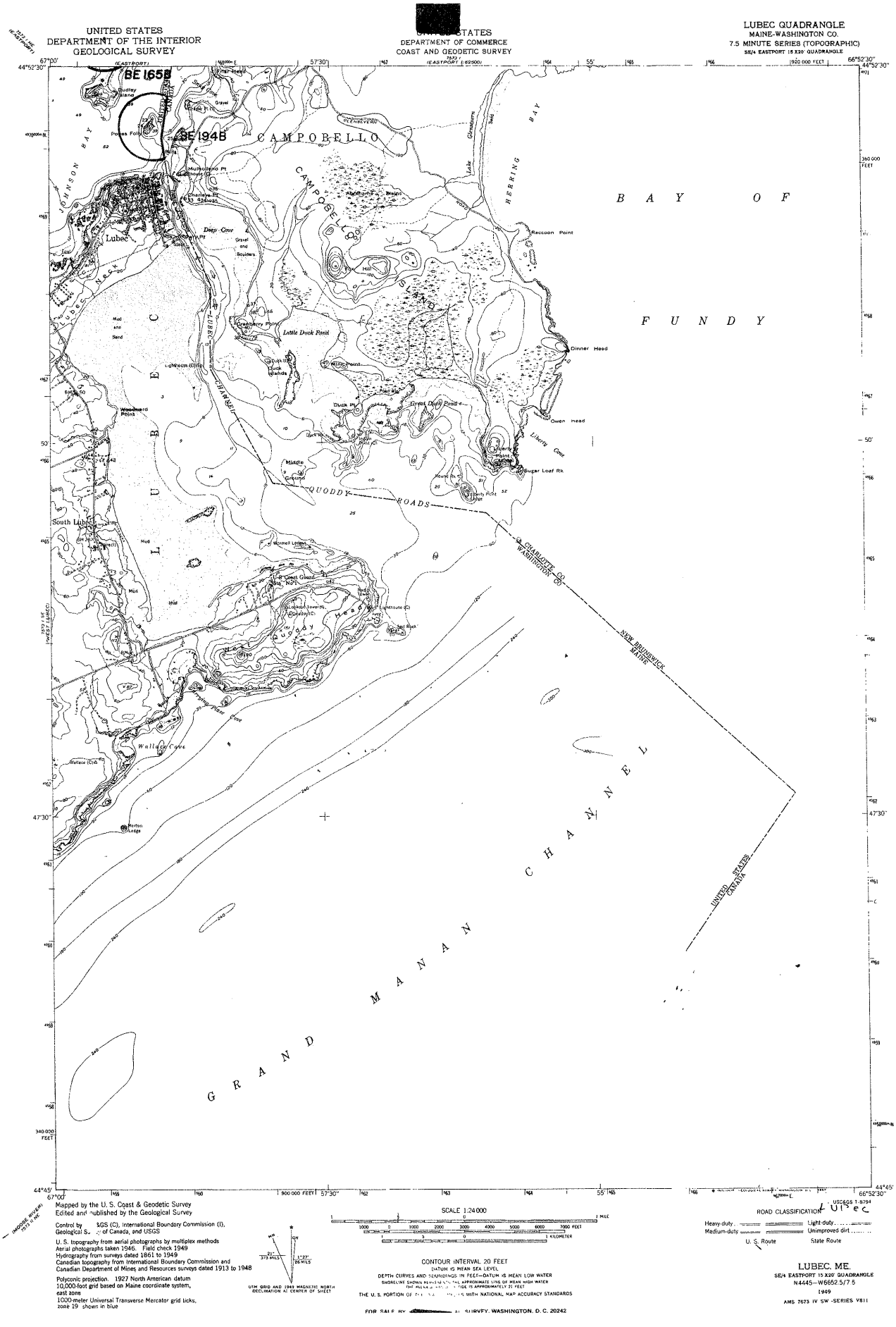


PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

effective 2/20/98


LOUDS ISLAND QUADRANGLE
69°30'00"
44°00'00"
69°22'30"
44°00'00"
BE 155D
BE 155B
RT 011
BE 237A
B R I S T O L
M U S C O N G U S S O U N D
L O U D S I S L A N D
B R E M E N
I S L A N D
H A N D I P R I N G B A Y
Louds Island
Muscongus Harbor
Round Pond
New Harbor
Pemaquid Neck
Marsh Island
Hog Island
Harbor Island
Crane Island
Haddock Island
Thrumcap Island
Western Egg Rock
Franklin Island
Little Franklin Island
LINCOLN CO
KNOX CO
43°52'30"
69°30'00"
69°22'30"
SHEET INDEX
Louds Island
effective 2/20/98


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
[redacted] STATES
DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
LUBEC QUADRANGLE
MAINE-WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 EASTPORT 15 X30' QUADRANGLE
BE 165B
BE 194B
CAMPOBELLO
CAMPOBELLO ISLAND
BAY OF FUNDY
HERRING BAY
JOHNSON BAY
LUBEC NARROWS
LUBEC CHANNEL
QUODDY ROADS
GRAND MANAN CHANNEL
Lubec
South Lubec
Deep Cove
Little Duck Point
Dinner Head
Raccoon Point
Owen Head
Liberty Cove
Sugar Loaf Rk
Middle Ground
Wallace Cove
Herring Cove
Quoddy Head
Mean High Water
Mapped by the U. S. Coast & Geodetic Survey
Edited and published by the Geological Survey
Control by USGS (C), International Boundary Commission (I), Geological Survey of Canada, and USGS
U. S. topography from aerial photographs by multiplex methods
Aerial photographs taken 1946. Field check 1949
Hydrography from surveys dated 1861 to 1949
Canadian topography from International Boundary Commission and Canadian Department of Mines and Resources surveys dated 1913 to 1948
Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks, zone 19 shown in blue
SCALE 1:24 000
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 21 FEET
THE U. S. PORTION OF THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY [redacted] SURVEY, WASHINGTON, D. C. 20242
ROAD CLASSIFICATION
Heavy-duty
Medium-duty
Light-duty
Unimproved dirt
U. S. Route
State Route
LUBEC, ME.
SE/4 EASTPORT 15 X30' QUADRANGLE
N4445—W6652.5/7.5
1949
AMS 7673 IV SW -SERIES V811
SPECIAL PRINTING
Contours and woodland symbols omitted
effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

MACHIAS QUADRANGLE
MAINE-WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 MACHIAS 15' QUADRANGLE

Mapped by the U. S. Coast & Geodetic Survey
Edited and published by the Geological Survey

Control by USC&GS, USGS, and MIT

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1944 and 1946. Field check 1949
Hydrography from surveys dated 1885 and 1916

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, east zone

Unchecked elevations are shown in brown

1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

UTM GRID AND 1927 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 13 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VA. 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt - - - - -
U.S. Route State Route

MACHIAS, ME.
NW/4 MACHIAS 15 QUADRANGLE
N4437.5—W6722.5/7.5

1949

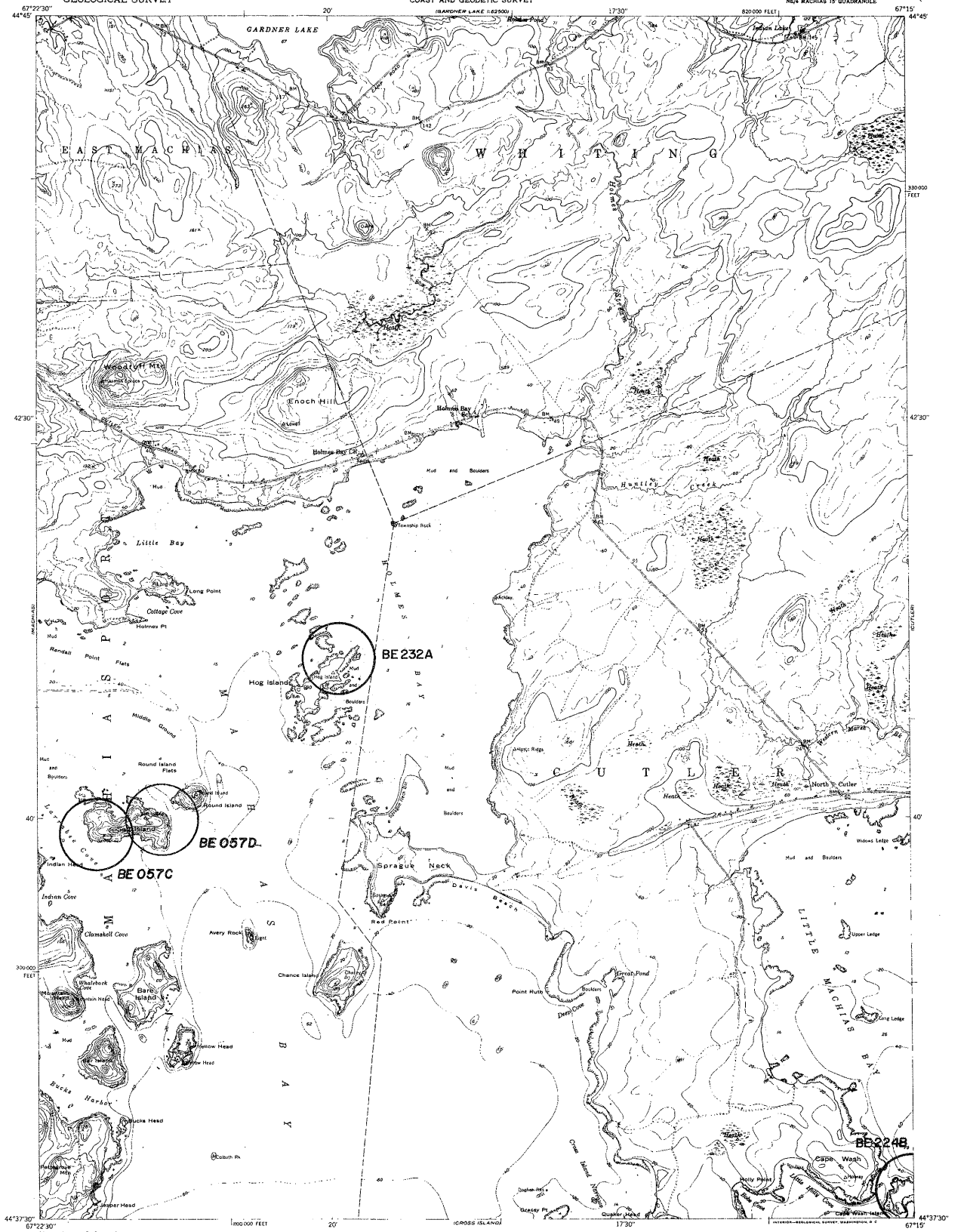
AMS 7573 III NW—SERIES V811

effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

MACHIAS BAY QUADRANGLE
MAINE-WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 MACHIAS 15' QUADRANGLE



Mapped by U. S. Coast & Geodetic Survey
Edited and published by the Geological Survey

Control by USC&GS and USGS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1946. Field check, 1949
Hydrography from surveys dated 1885 to 1886

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, east zone

Unchecked elevations are shown in brown

APPROXIMATE MEAN DECLINATION, 1949

CONTOUR INTERVAL 20 FEET.
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET. DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 13 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USC&GS T-8796

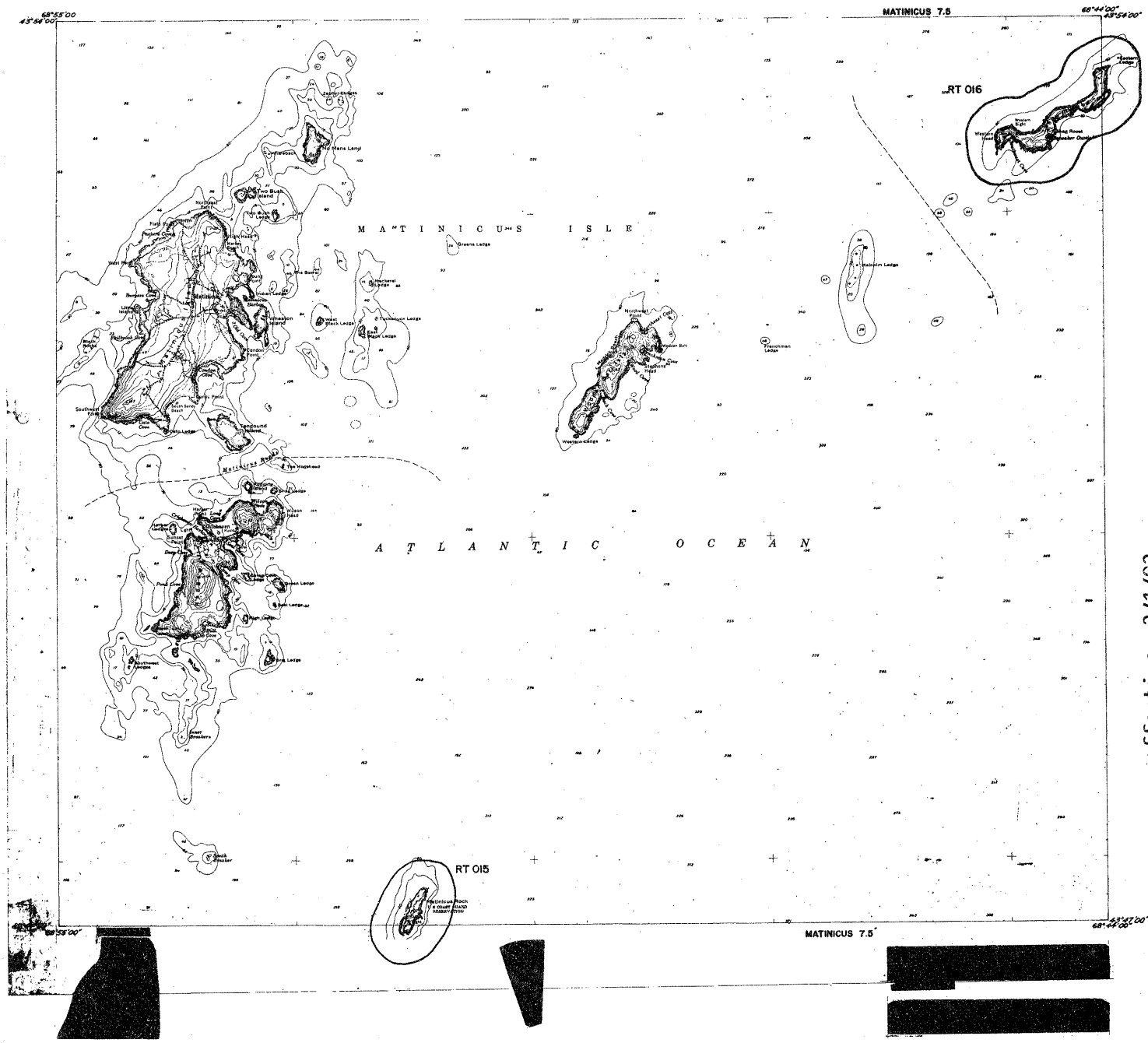
ROAD CLASSIFICATION

Heavy-duty	Improved dirt
Medium-duty	Unimproved dirt
Loose surface, graded, or narrow hard-surface	
U. S. Route	State Route

MACHIAS BAY, ME.
NE/4 MACHIAS 15 QUADRANGLE
N4437.5—W6715/7.5

EDITION OF 1951

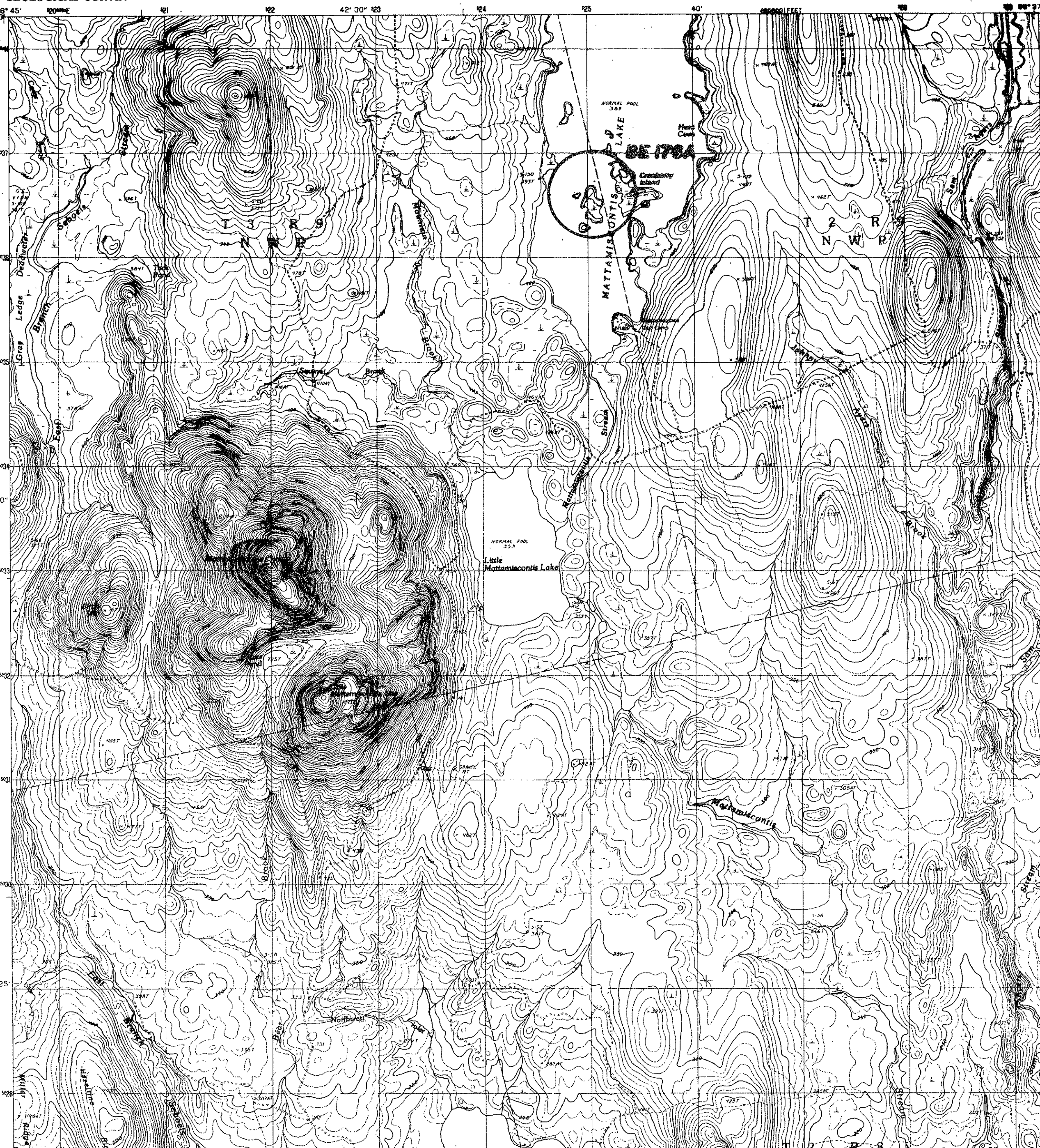
effective 2/20/98



effective 3/1/93

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MATTAMISCONTIS MTN. QUADRANGLE
MAINE–PENOBSCOT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY .... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984
FIELD CHECKED .... 1986. MAP EDITED 1988
PROJECTION .... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR .... ZONE 19
10,000-FOOT STATE GRID TICKS .... MAINE, EAST ZONE
UTM GRID DECLINATION .... 0°13' EAST
1988 MAGNETIC NORTH DECLINATION .... 19°00' WEST
VERTICAL DATUM .... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM .... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 44 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings

NORTH

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

1 .5 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET
1 .5 0 1 2 KILOMETERS
1000 0 1000 2000 METERS

CONTOUR INTERVAL 10 FEET
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1	2	3	1 Cedar Lake 2 Nollesemic Lake 3 Medunkeunk Lake 4 Endless Lake 5 Nine Meadow Ridge 6 Hardy Pond 7 Seboeis 8 Lincoln West
4		5	
6	7	8	

ADJOINING 7.5' QUADRANGLE NAMES

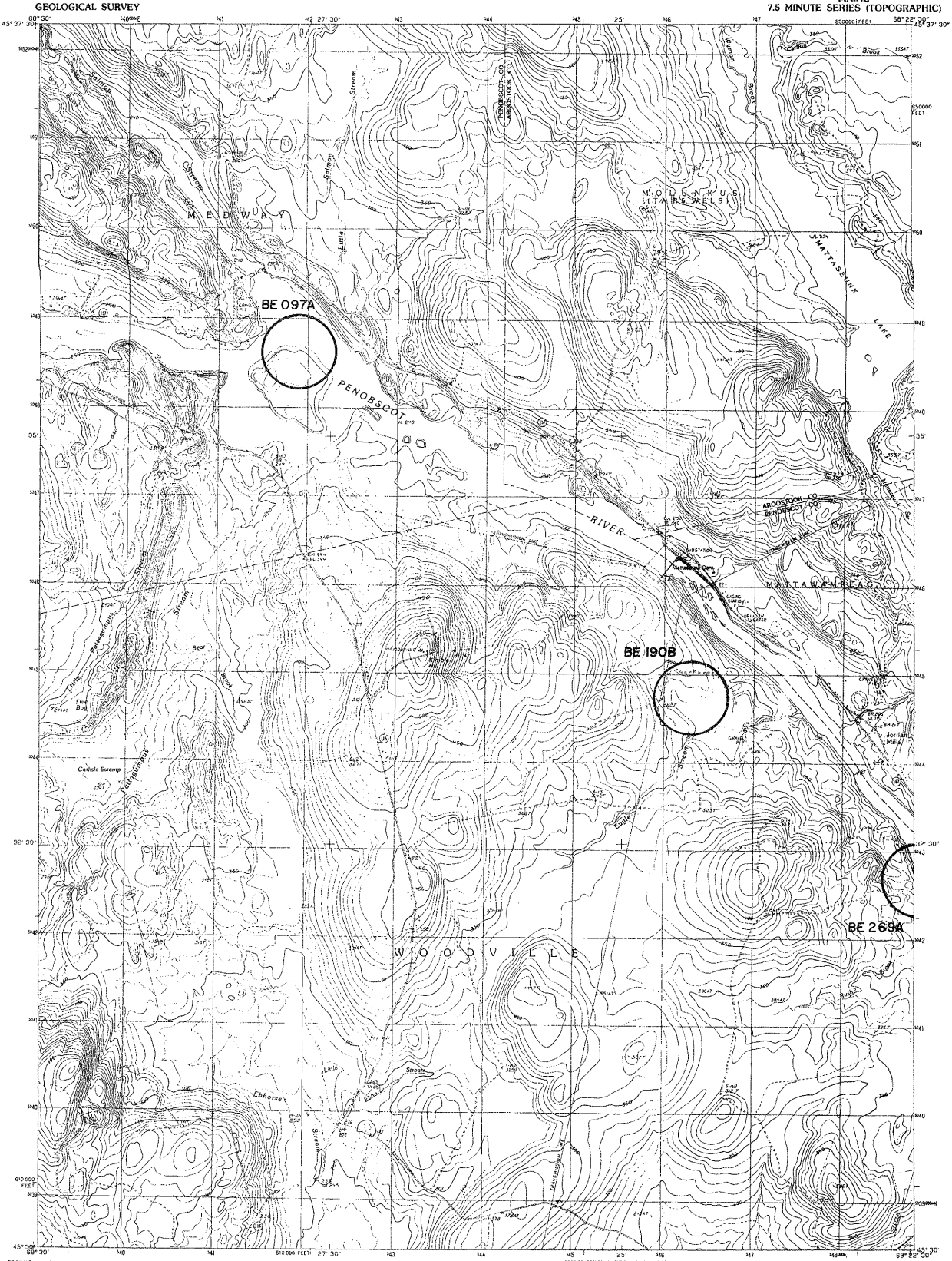
ROAD LEGEND
Improved Road ....
Unimproved Road ....
Trail ....
Interstate Route U. S. Route State Route

MATTAMISCONTIS
MATTAMISCONTIS MTN., ME.
PROVISIONAL EDITION 1988
Contours
45068-D6-TF-024

effective 3/1/90

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MATTASEUNK LAKE QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



effective 2/20/98

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984
FIELD CHECKED ..... 1986 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°26' EAST
1988 MAGNETIC NORTH DECLINATION ..... 19°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 65 meters west)

There may be private inholdings within the boundaries of any Federal or State reservations shown on this map

No distinction made between houses, barns, and other buildings

All islands in the Penobscot River are part of the Penobscot Indian Reservation

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

MILES
FEET
KILOMETERS
METERS

CONTOUR INTERVAL 10 FEET
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1. East Millinocket
2. Sebacook Stream Lake
3. Nicholas Lake
4. Mattawamkeag Lake
5. Matteconkeag
6. New Meadow Ridge
7. Lincoln Center
8. East Winn

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND

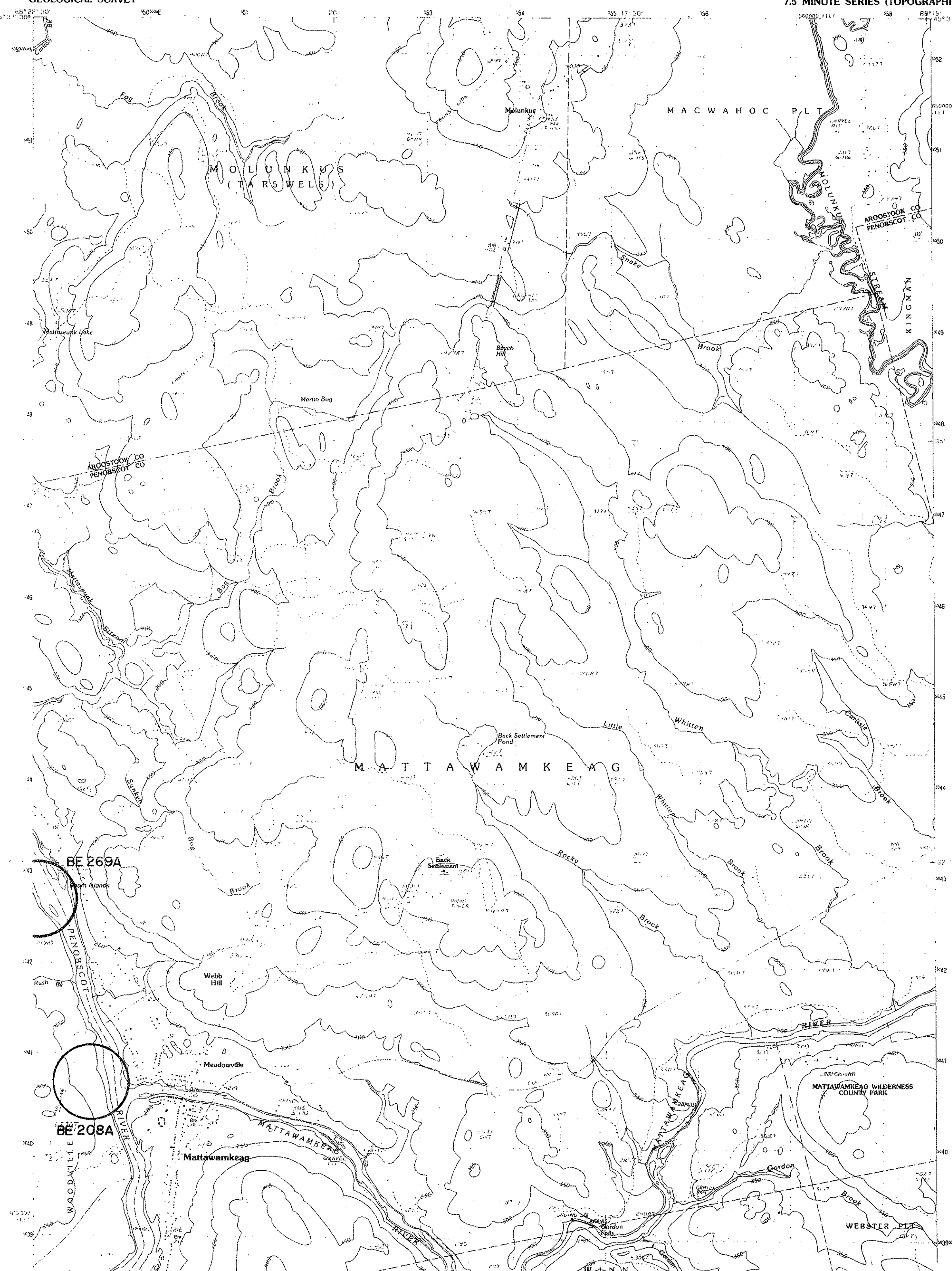
Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

MATTASEUNK LAKE, ME.
PROVISIONAL EDITION 1988

45068-E4-1F-024

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MATTAWAMKEAG QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY .... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984
FIELD CHECKED .... 1986. MAP EDITED 1988
PROJECTION .... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR .... ZONE 19
10,000-FOOT STATE GRID TICKS .... MAINE, EAST ZONE
UTM GRID DECLINATION .... 0°29' EAST
1988 MAGNETIC NORTH DECLINATION .... 19°30' WEST
VERTICAL DATUM .... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM .... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 45 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings
All islands in the Penobscot River are part of the Penobscot Indian Reservation

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1 Salmon Stream Lake
2 Molunkus Lake
3 Reed Pond
4 Mattaseunk Lake
5 Kingman
6 Lincoln Center
7 East Winn
8 Springfield

ADJOINING 7.5' QUADRANGLE NAMES

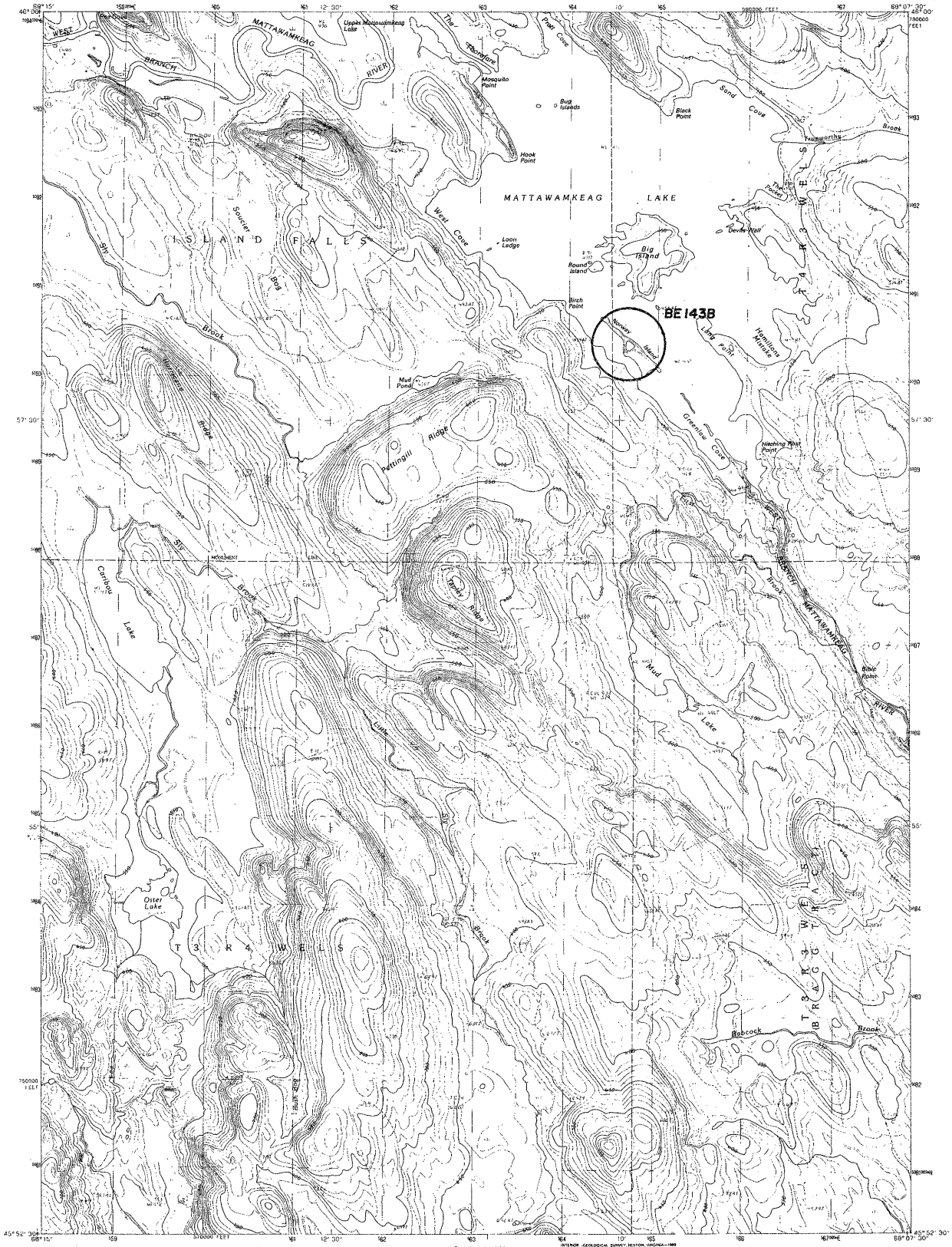
ROAD LEGEND
Improved Road ....
Unimproved Road ....
Trail ....
Interstate Route U. S. Route State Route

MATTAWAMKEAG, MAINE
PROVISIONAL EDITION 1988
45068-E3-TF-024

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MATTAWAMKEAG LAKE QUADRANGLE
MAINE–AROOSTOOK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1986
FIELD CHECKED ..... 1986 MAP EDITED 1989
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°35' EAST
1989 MAGNETIC NORTH DECLINATION ..... 15°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (45 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

KILOMETERS 0 1 2
METERS 0 1000 2000
MILES 0 1
FEET 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000

CONTOUR INTERVAL 10 FEET

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Island Falls
2 Oakfield
3 Mediumkeag Lake
4 Crystal
5 Monument Brook
6 Moosehead
7 Wytopitlock Lake
8 Alder Brook

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
( ) Interstate Route ( ) U.S. Route ( ) State Route

MATTAWAMKEAG LAKE, MAINE
PROVISIONAL EDITION 1989

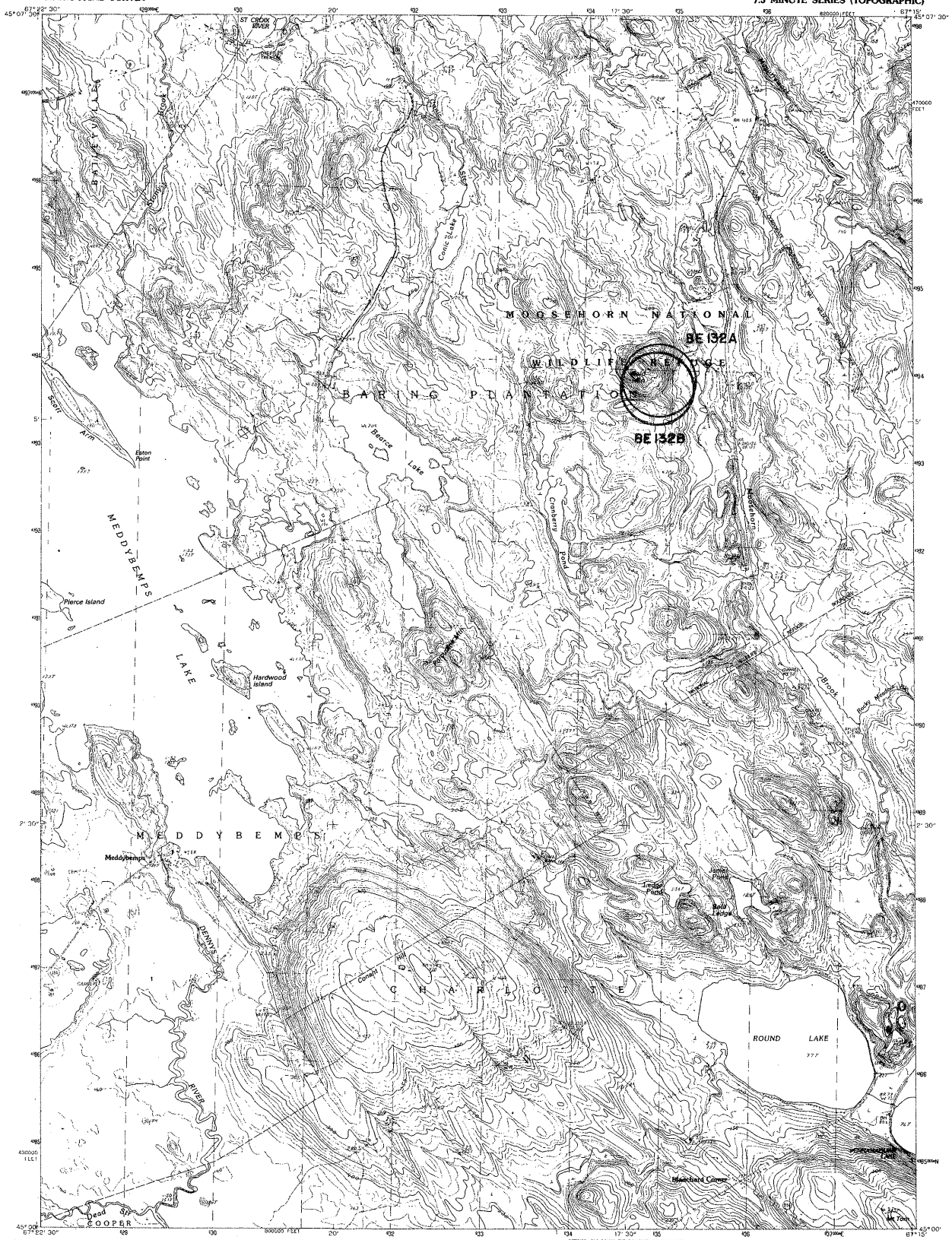
45068-H2-TF-024

Mattawamkeag

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MEDDYBEMPS LAKE EAST QUADRANGLE
MAINE–WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTOUR BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN ..... 1981 AND 1984
FIELD CHECKED ..... 1982 MAP EDITED 1987
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 1°15' EAST
1987 MAGNETIC NORTH DECLINATION ..... 15°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (49 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000
MILES
FEET
KILOMETERS
METERS
CONTOUR INTERVAL 10 FEET
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Woodland
2 Calais
3 Devils Head
4 Waiteburgis Lake West
5 Red Beach
6 Lake Cushwena
7 Porcupine Mountain
8 Pembroke

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U. S. Route State Route

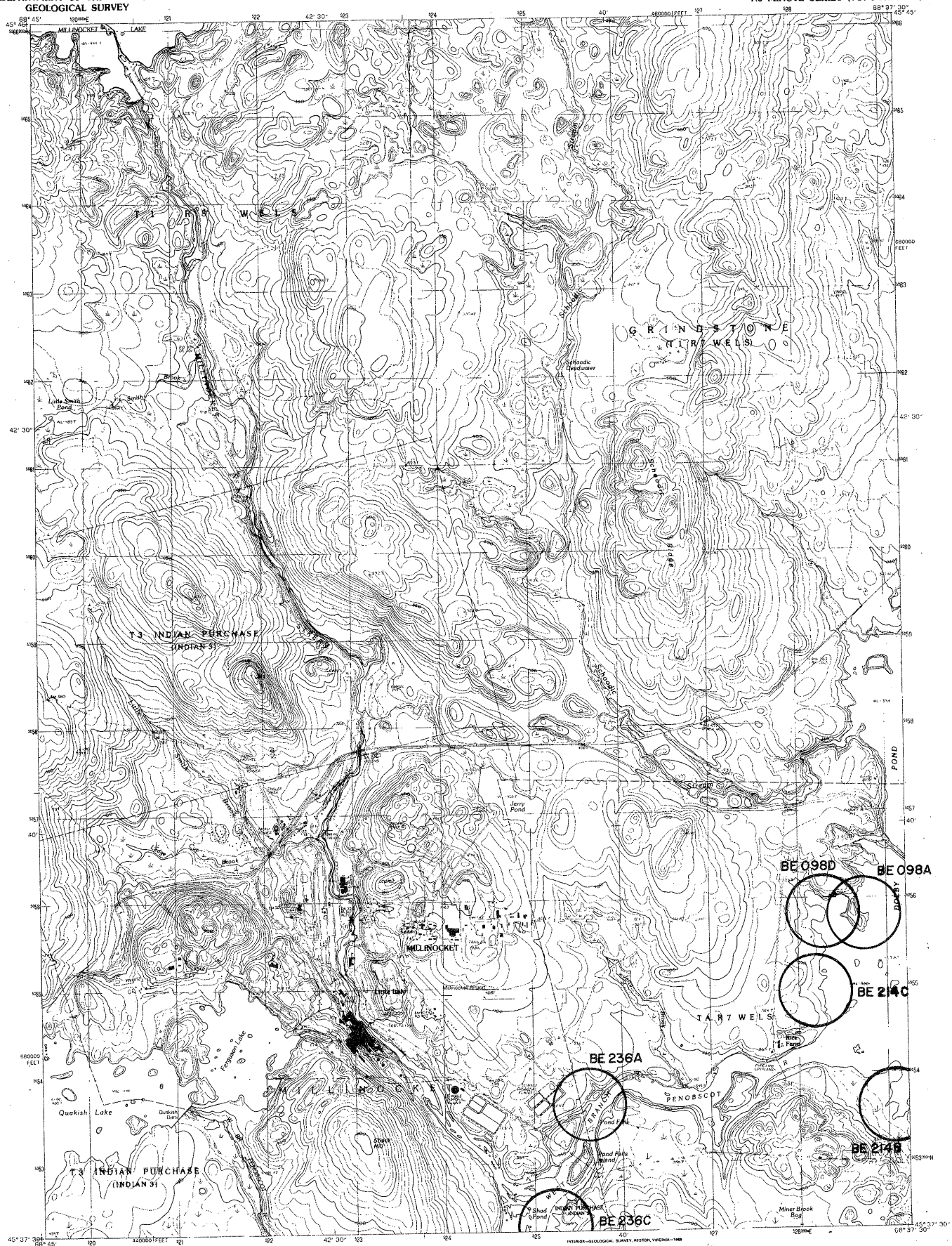
MEDDYBEMPS LAKE EAST, MAINE
PROVISIONAL EDITION 1987
45067-A3-TF-024

Meddybemps L
Contour

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MILLINOCKET QUADRANGLE
MAINE–PENOBSCOT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTRIBS. BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984
FIELD CHECKED ..... 1986. MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°13' EAST
1988 MAGNETIC NORTH DECLINATION ..... 19°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 44 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings
Gray tint indicates area in which selected buildings are shown

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

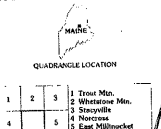
MILES 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000
KILOMETERS 0 1
METERS 1000 0 1000 2000

CONTOUR INTERVAL 10 FEET
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988

QUADRANGLE LOCATION



ADJOINING 7.5 QUADRANGLE NAMES
1 Trout Mtn.
2 Whetstone Mtn.
3 Stacyville
4 Norcross
5 East Millinocket
6 Cedar Lake
7 Nollesemic Lake
8 Medunkeunk Lake

ROAD LEGEND
Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

MILLINOCKET, MAINE
PROVISIONAL EDITION 1988
45068-F6-TF-024

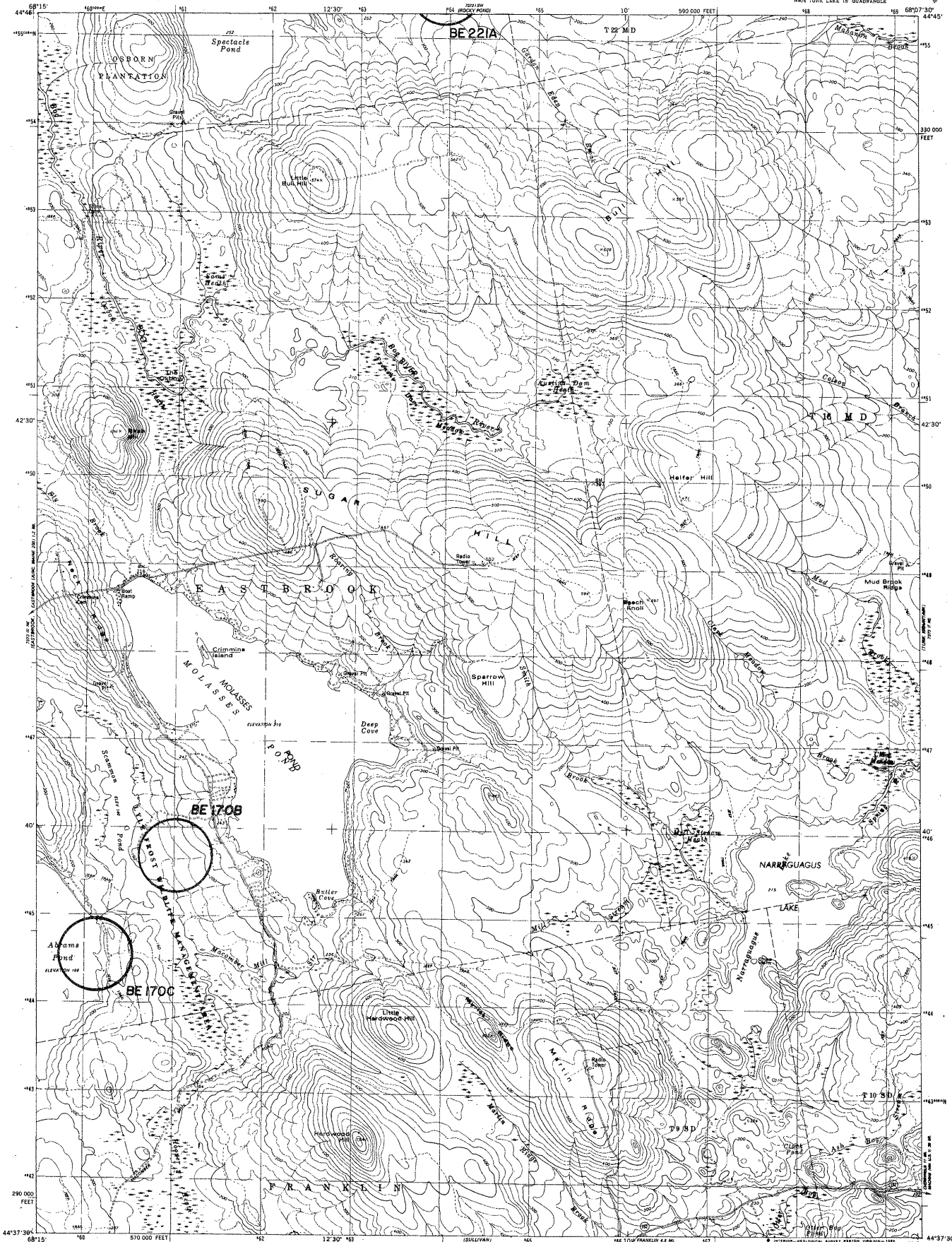
effective 10/1/99

Millinocket
Contours

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MAINE
PUBLIC UTILITIES COMMISSION

MOLASSES POND QUADRANGLE
MAINE–HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 TUNK LAKE 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1978. Map edited 1982

Projection and 10,000-foot grid ticks: Maine coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 1 meter south and 47 meters west as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1982 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

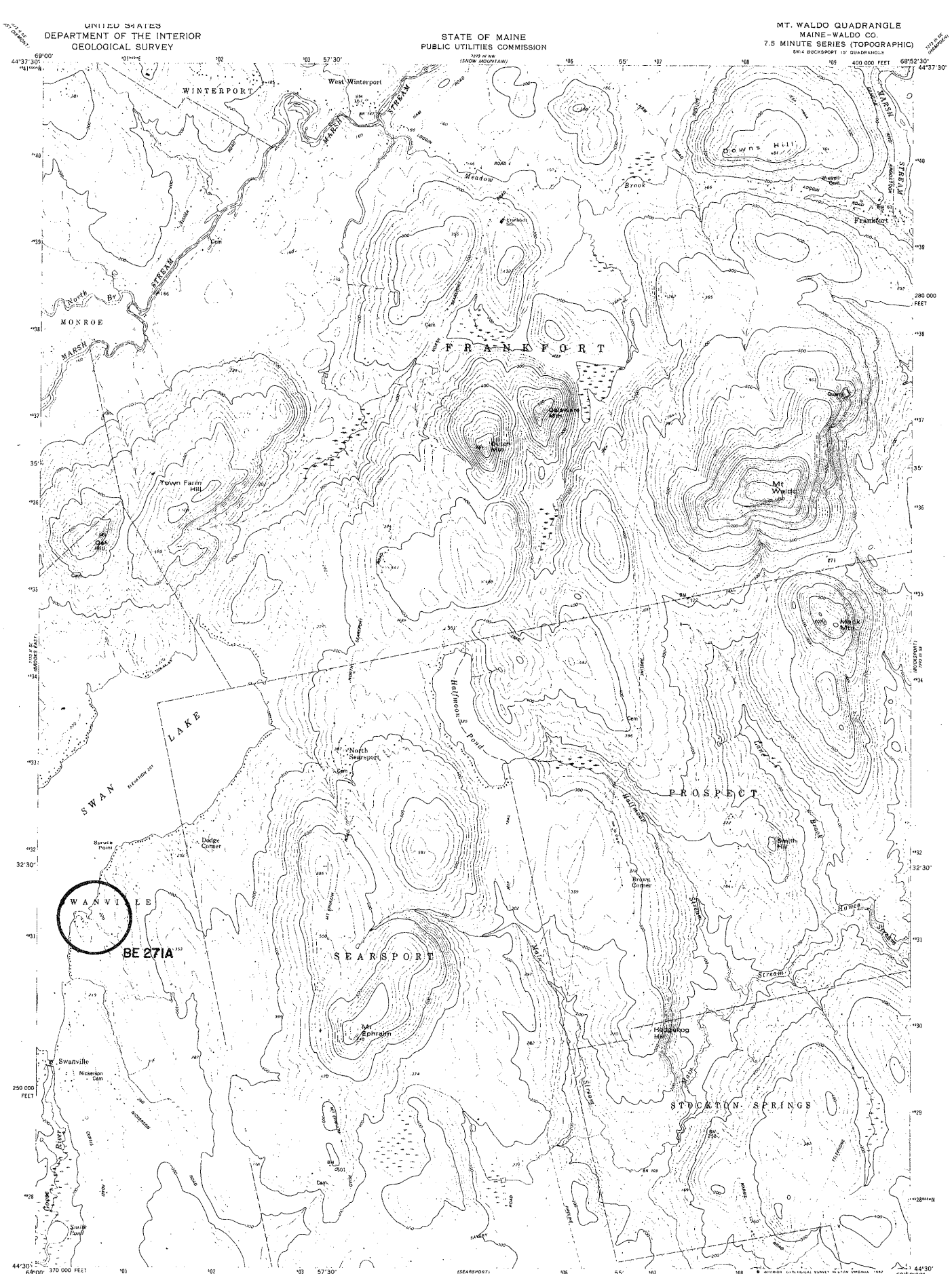
ROAD CLASSIFICATION

Primary highway, hard surface ..... Light-duty road, hard or improved surface .....
Secondary highway, hard surface ..... Unimproved road .....
Interstate Route U. S. Route State Route

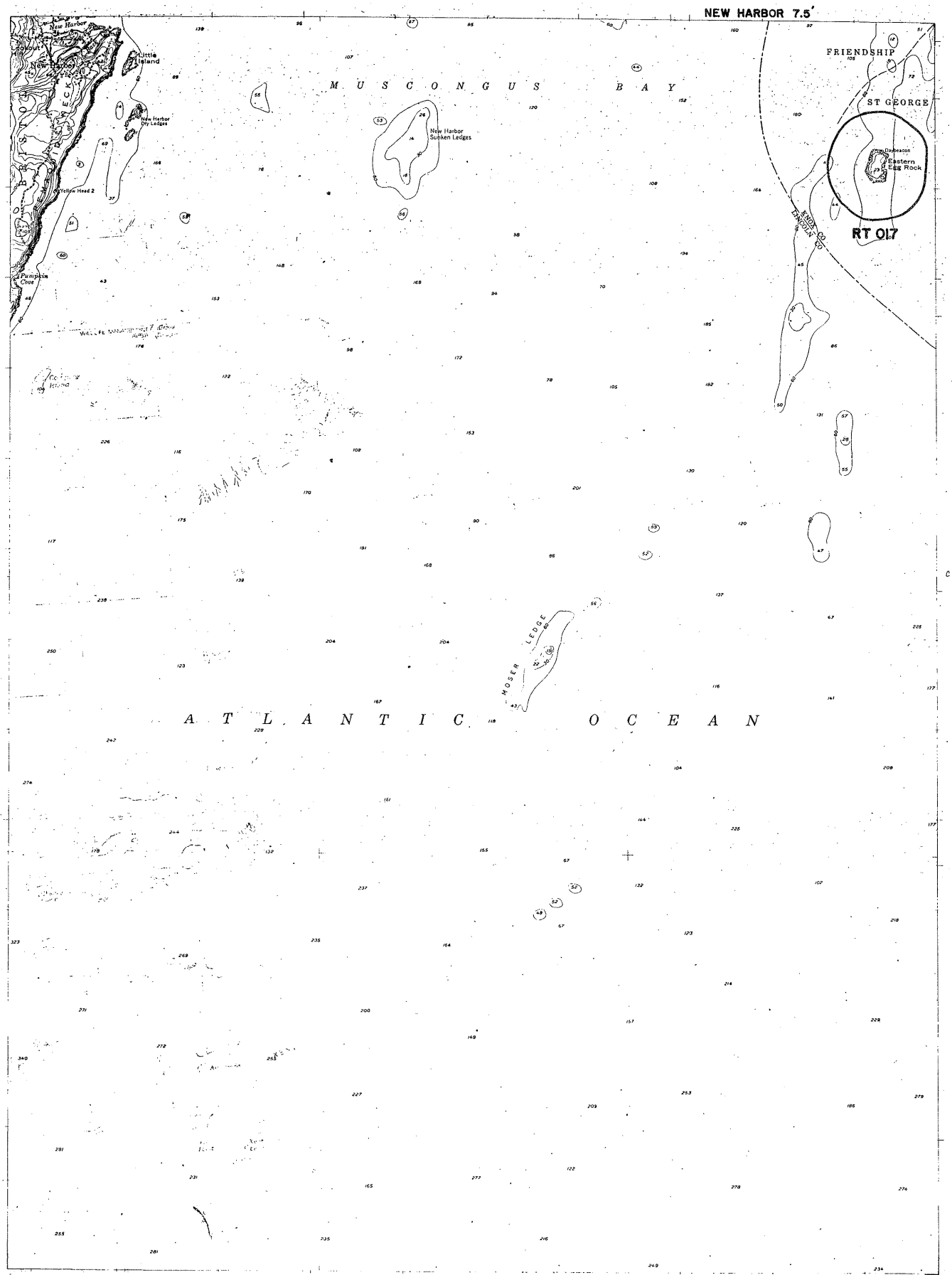
MOLASSES POND, MAINE
NW/4 TUNK LAKE 15' QUADRANGLE
N4437.5–W6807.5/7.5
1982

DMA 7573 II NW–SERIES V811

effective 10/1/99



effective 10/1/99

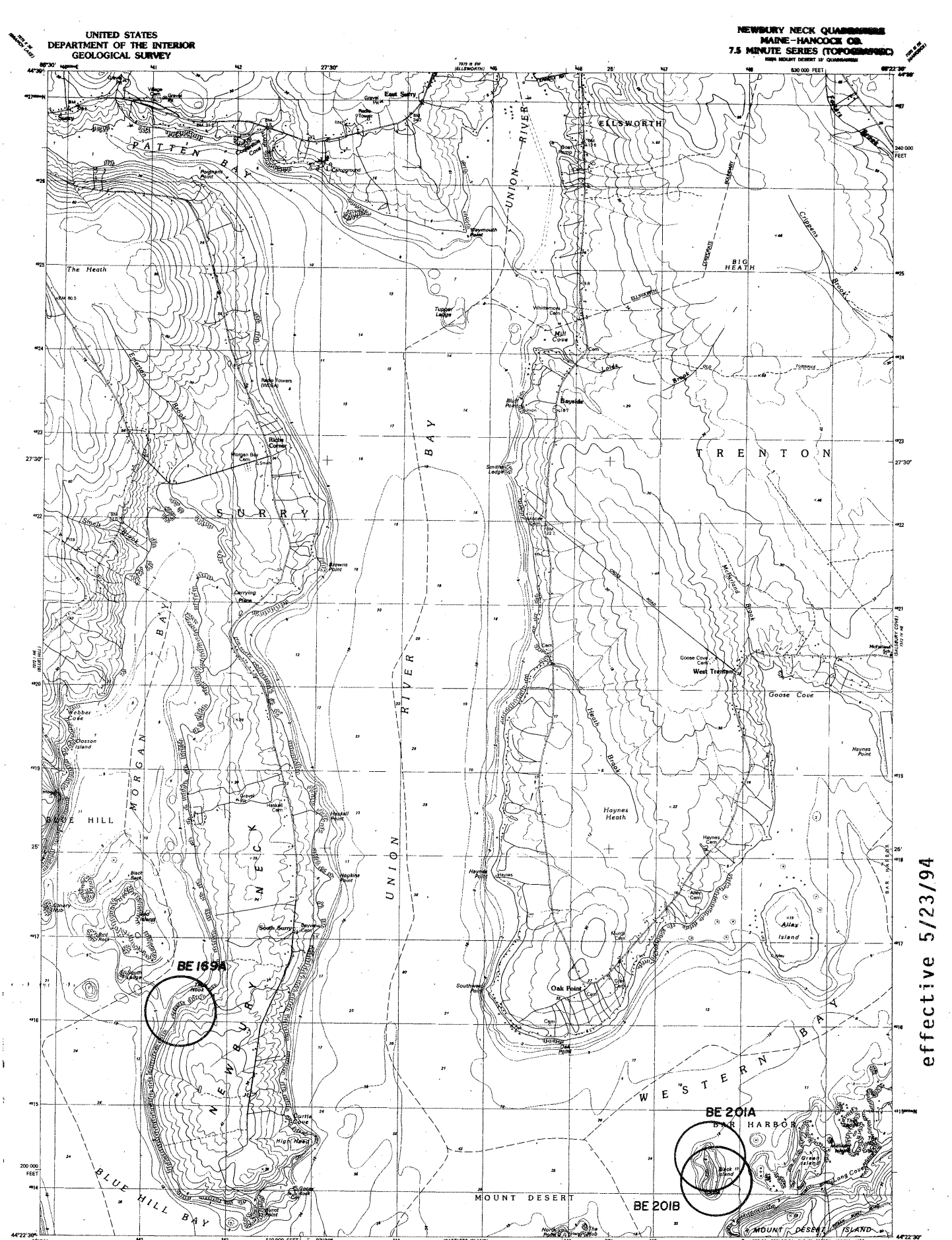


[redacted]

[redacted]

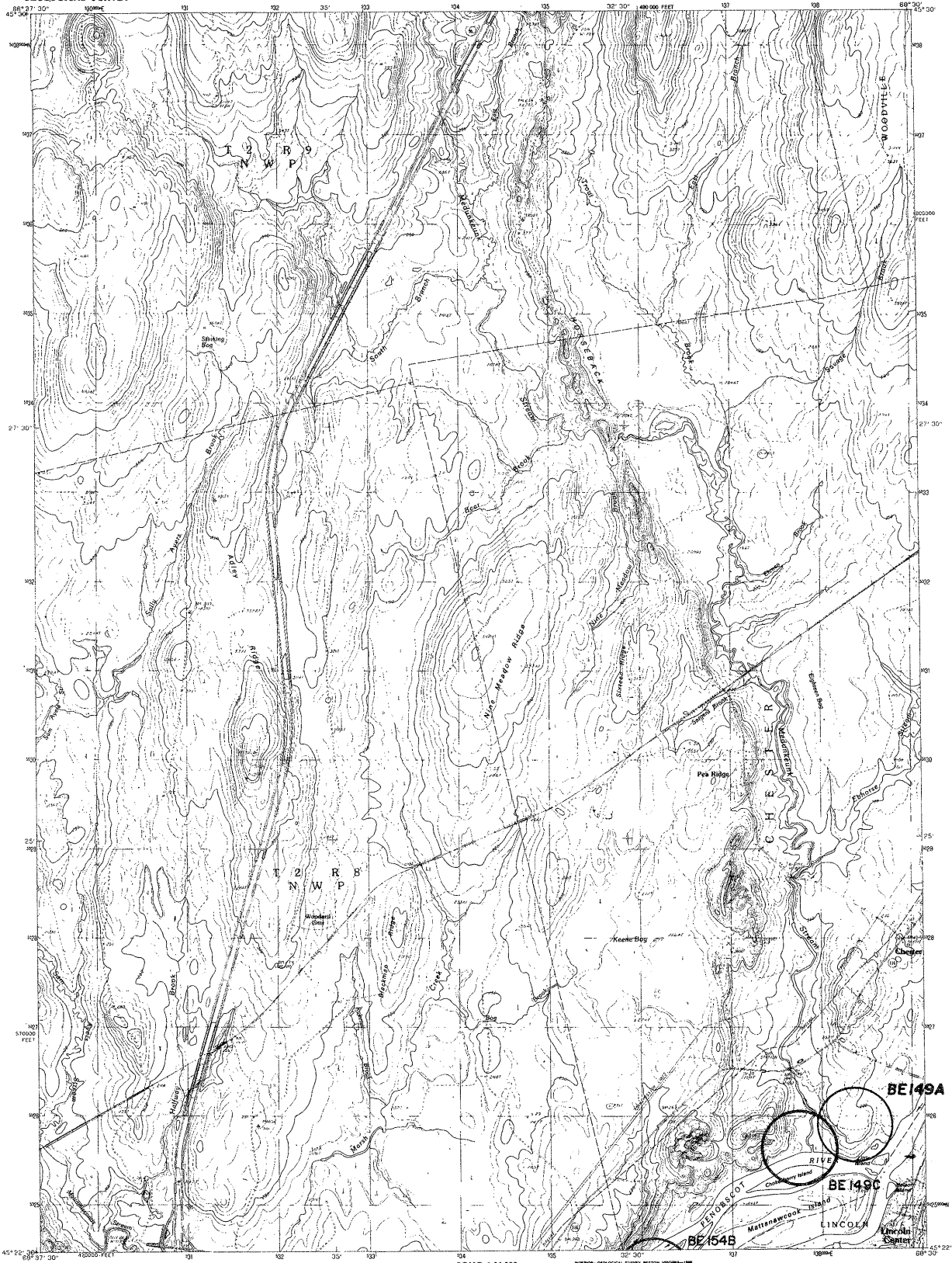
MAINE COASTAL PLAN
Coast Region
PLANNING OFFICE
SHEET 9H

effective 3/1/93


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
NEWBURY NECK QUADRANGLE
MAINE–HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
PATTEN BAY
UNION RIVER BAY
MORGAN BAY
NEWBURY NECK
BLUE HILL BAY
WESTERN BAY
ELLSWORTH
TRENTON
SURRY
BLUE HILL
BIG HEATH
MOUNT DESERT
MOUNT DESERT ISLAND
BAR HARBOR
West Trenton
Goose Cove
Oak Point
Haynes Point
Haynes Heath
Hopkins Point
Browns Point
Carrying Place
Bayside
Hill Cove
Tupper Ledge
Smiths Ledge
Bluff Point
Curtis Cove
High Head
Southwest Point
Ober Point
Allen Island
Bald Rock
Long Cove
BE 169A
BE 201A
BE 201B
Mapped, edited, and published by the Geological Survey
Control by USGS and NOS/NOAA
Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1977. Map edited 1981
Selected hydrographic data compiled from NOS chart 13316 (1980). This information is not intended for navigational purposes
Projection and 10,000-foot grid ticks: Maine coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 2 meters south and 46 meters west as shown by dashed corner ticks
SCALE 1:24 000
CONTOUR INTERVAL 6 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTOUR ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST METER
DEPTH CURVES AND SOUNDINGS IN METERS—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 3.3 METERS
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
QUADRANGLE LOCATION
ROAD CLASSIFICATION
Primary highway, hard surface — Light-duty road, hard or improved surface
Secondary highway, hard surface — Unimproved road
Interstate Route U. S. Route State Route
NEWBURY NECK, MAINE
NW/4 MOUNT DESERT 15' QUADRANGLE
N4422.5 - W6822.5/7.5
1981
effective 5/23/94

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NINE MEADOW RIDGE QUADRANGLE
MAINE–PENOBSCOT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984
FIELD CHECKED ..... 1986 MAP EDITED 1986
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 10,000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°19' EAST
1986 MAGNETIC NORTH DECLINATION ..... 17°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 44 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings
All islands in the Penobscot River are part of the Penobscot Indian Reservation

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Mattawamkeag Lake
2 Mattawamkeag Lake
3 Mattawamkeag Lake
4 Mount Chase
5 Patten
6 Sherman
7 Lincoln West
8 Lincoln East
ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U. S. Route State Route

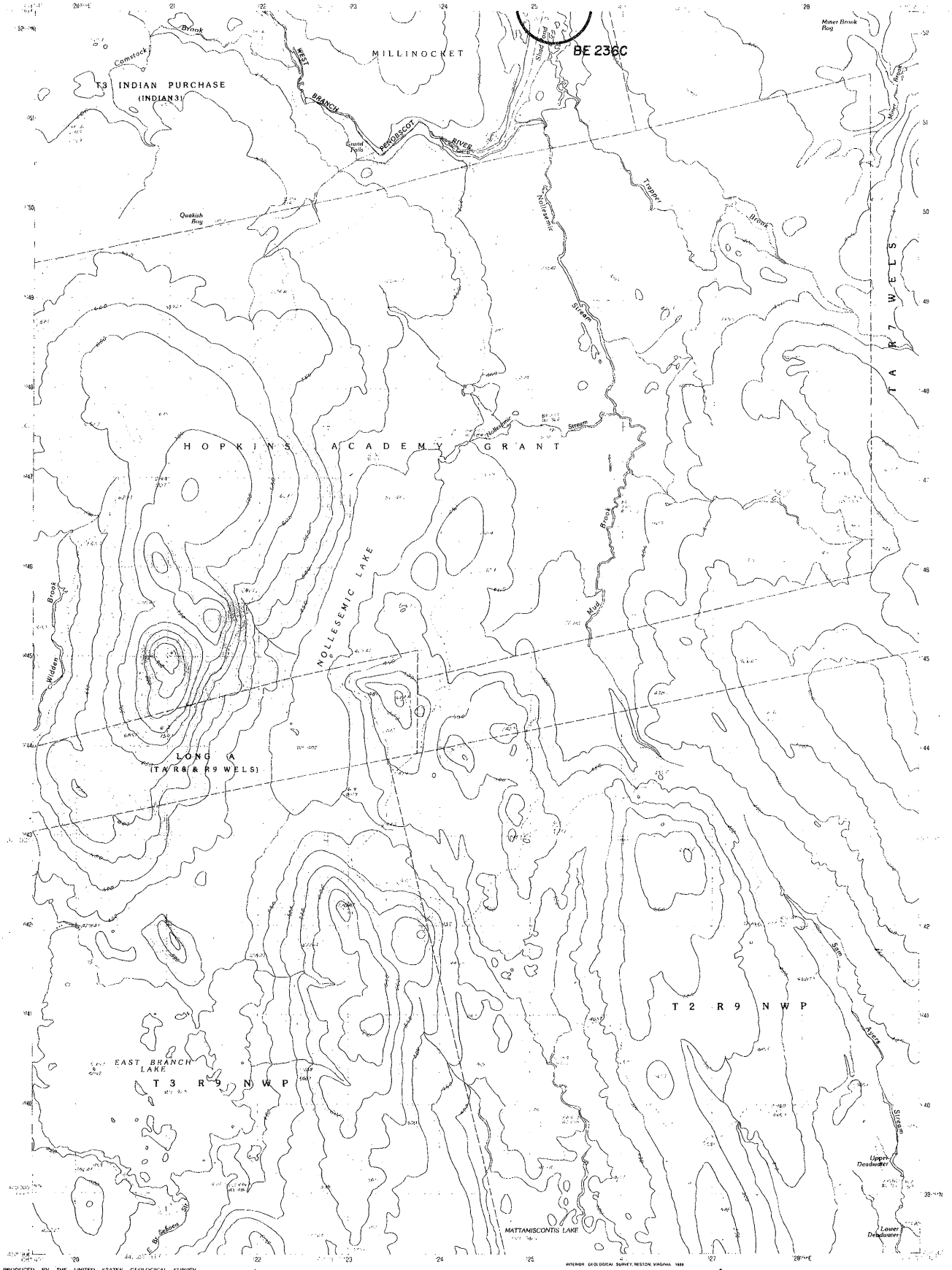
NINE MEADOW RIDGE, ME.
PROVISIONAL EDITION 1988
45066-D5-TF-024

Nine Meadow Ridge

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NOLLESEMIC LAKE QUADRANGLE
MAINE–PENOBSCOT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTRIB. BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984
FIELD CHECKED ..... 1986 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°23' EAST
1988 MAGNETIC NORTH DECLINATION ..... 19°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 64 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

MILES 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000
KILOMETERS 0 1 2
METERS 1000 0 1000 2000

CONTOUR INTERVAL 10 FEET
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION
1 Nuccrews
2 Millinocket
3 East Millinocket
4 Cedar Lake
5 Medunkeunk Lake
6 Cedars Lake
7 Mattamiscontis Mtn.
8 Nine Meadow Ridge
SHADING 7.5' QUADRANGLE NAMES

ROAD LEGEND
Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

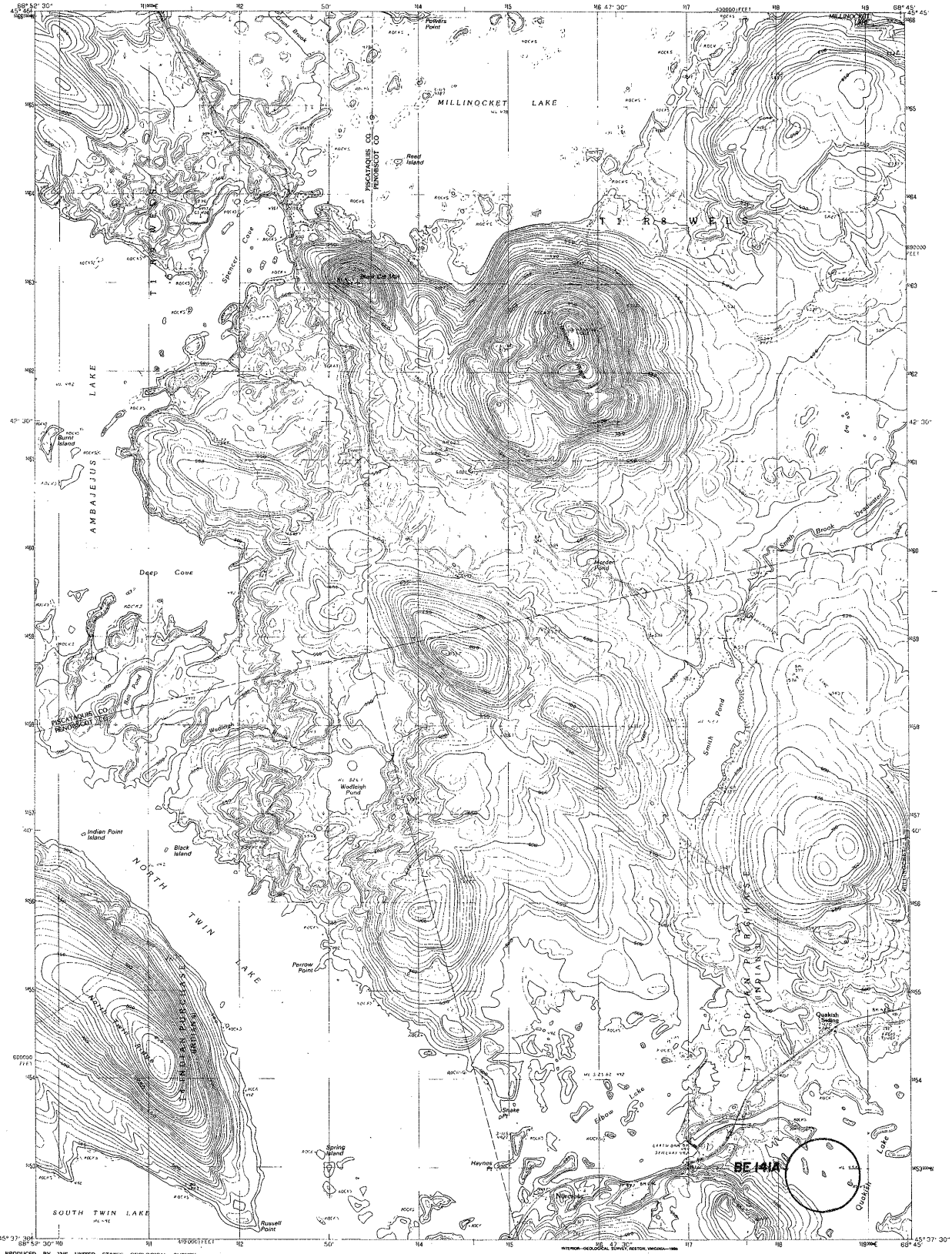
NOLLESEMIC LAKE, ME.
PROVISIONAL EDITION 1988
45068-E6-TF-024

MILLINOCKET SW, ME.
MILLINOCKET PROJ.-CAH

effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NORCROSS QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1982
FIELD CHECKED ..... 1984 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°08' EAST
1988 MAGNETIC NORTH DECLINATION ..... 17°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 45 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000
MILES
FEET
KILOMETERS
METERS
CONTOUR INTERVAL 10 FEET
To convert feet to meters multiply by 0.3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988

QUADRANGLE LOCATION

1	2	3
6		5
6	7	8

1 Abol Pond
2 Trout Min.
3 Whetstone Min.
4 Pemadumcook Lake
5 Millinocket
6 Ragged Min.
7 Cedar Lake
8 Nahmakanta Lake

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND
Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

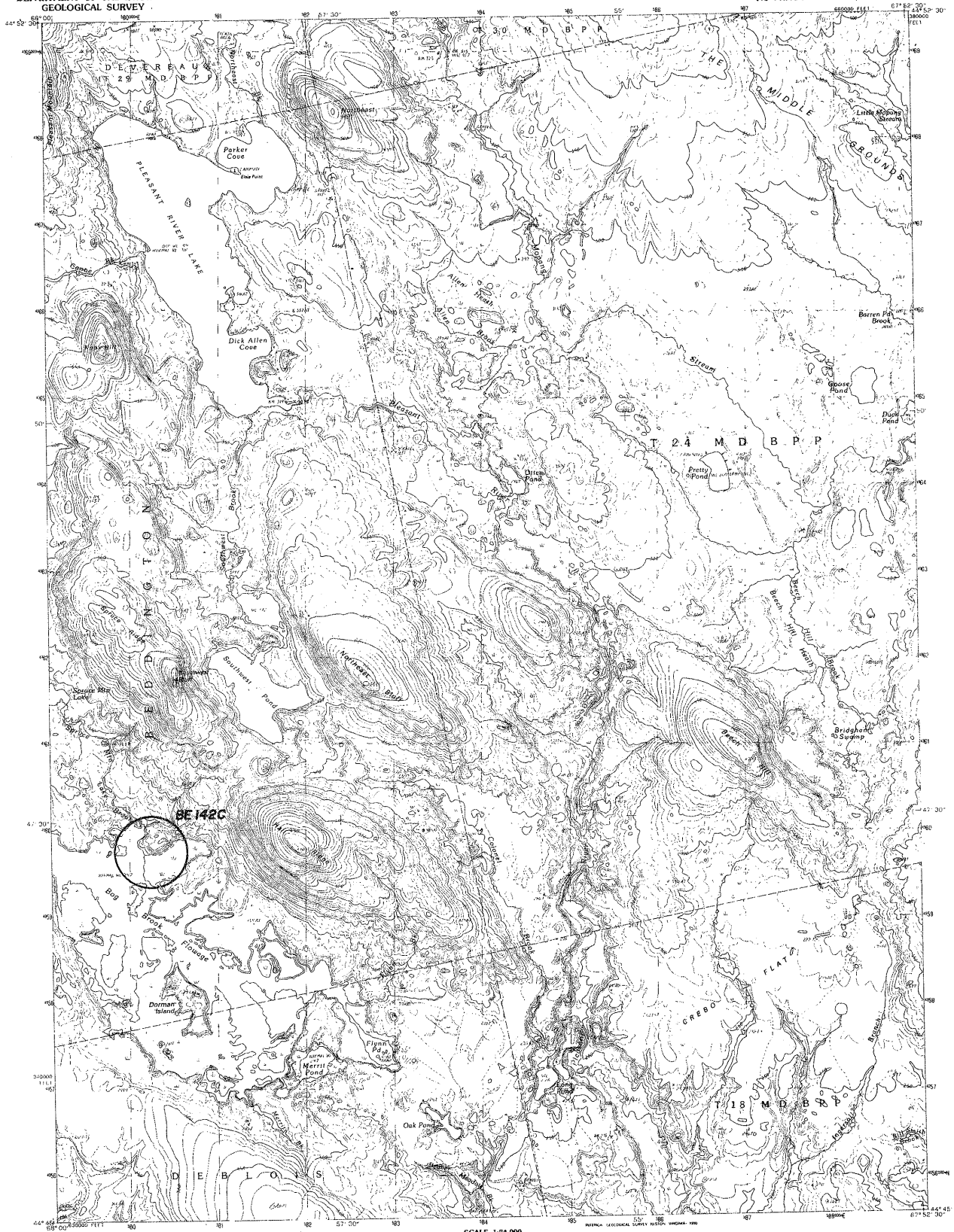
NORCROSS, MAINE
1988

Norcross, Me

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NORTHEAST BLUFF QUADRANGLE
MAINE-WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984
FIELD CHECKED ..... 1986 MAP EDITED 1990
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°45' EAST
1990 MAGNETIC NORTH DECLINATION ..... 19°00 WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 47 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

KILOMETERS — METERS
MILES — FEET

CONTOUR INTERVAL 10 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION
1 Quillpeg Mountain
2 Peaked Mountain
3 Tug Mountain
4 Lead Mountain
5 Montegail Pond
6 York Mountain
7 Schoodic Lake
8 Epping
ADJOINING 7.5 QUADRANGLE NAMES

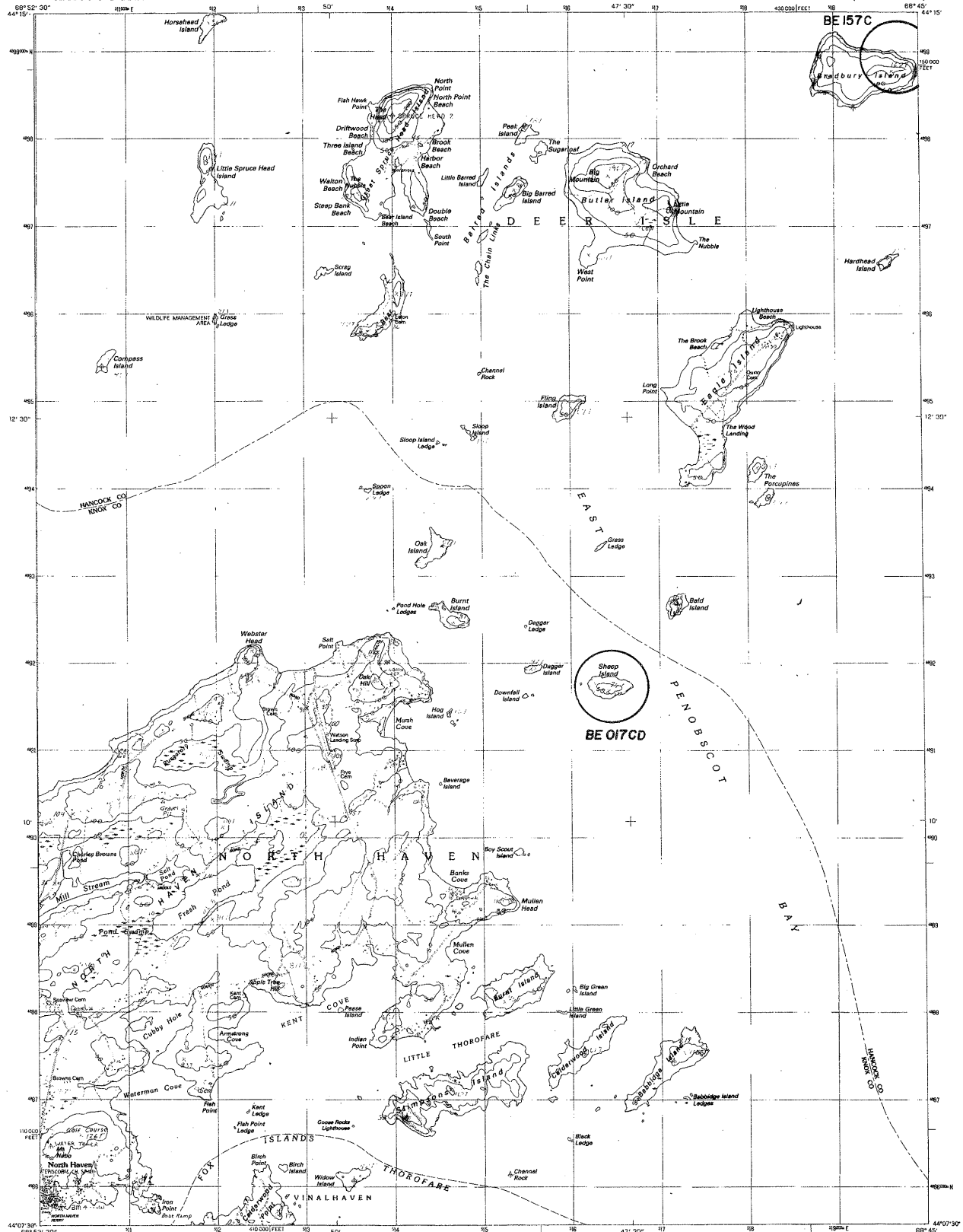
ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route
U. S. Route
State Route

NORTHEAST BLUFF, MAINE
PROVISIONAL EDITION 1990
44067-G8-TF-024

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NORTH HAVEN EAST QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1974
FIELD CHECKED ..... 1980 MAP EDITED 1982
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°W EAST
1982 MAGNETIC NORTH DECLINATION ..... 15°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (5 meters south and 65 meters west)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

SCALE 1:24 000

KILOMETERS 0 1 2
METERS 0 1000 2000
MILES 0 1/2 1
FEET 0 5000 6000 7000 8000 9000 10 000

CONTOUR INTERVAL 10 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Isleboro
2 Cape Rosier
3 Sargentville
4 North Haven West
5 Deer Isle
6 Lunenburg Island
7 Vinalhaven
8 Isle au Haut West

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U. S. Route State Route

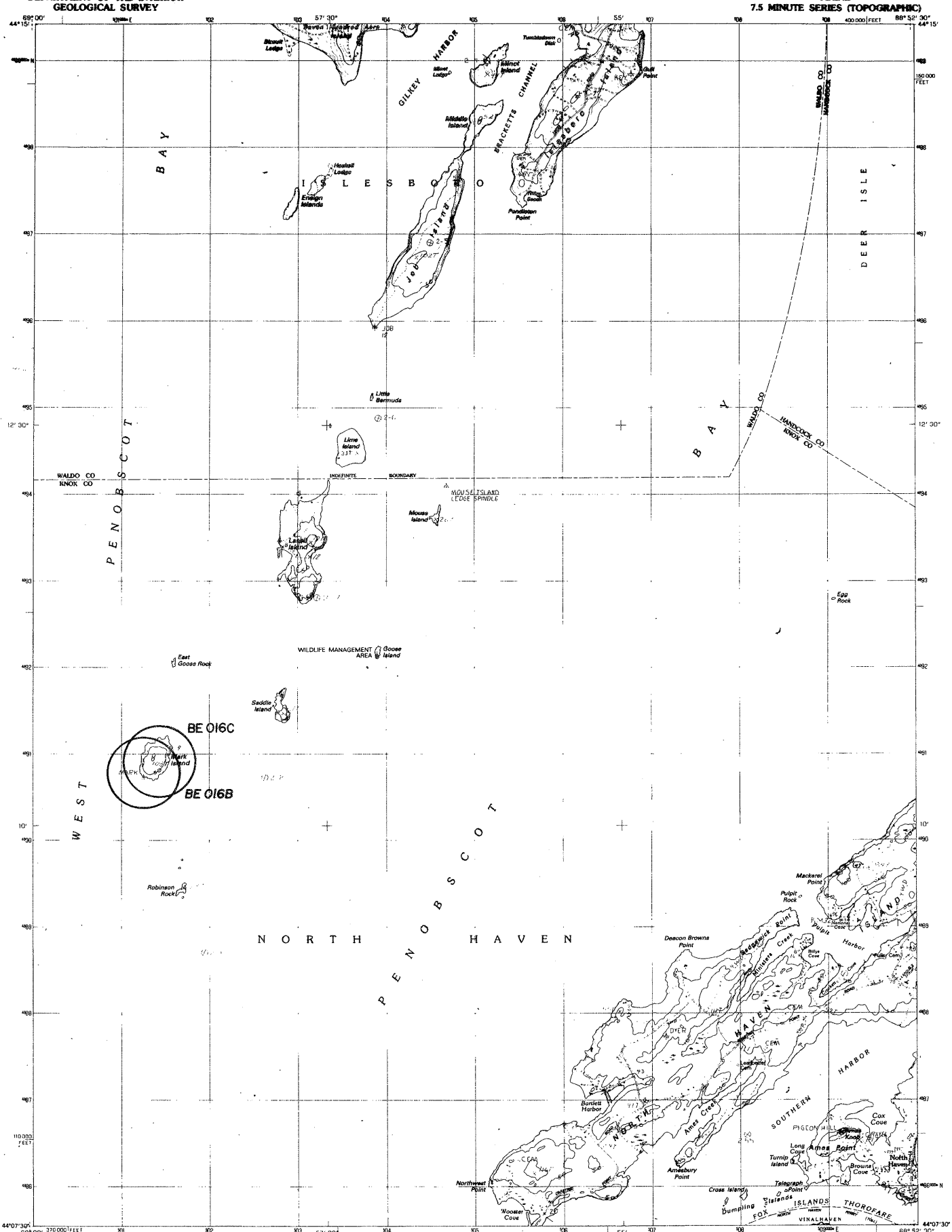
NORTH HAVEN EAST, MAINE
PROVISIONAL EDITION 1982

64068-E7-TF-024

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NORTH HAVEN WEST QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:24 000

CONTOUR INTERVAL 10 FEET

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1974
FIELD CHECKED ..... 1980 MAP EDITED 1980
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°30' EAST
1983 MAGNETIC NORTH DECLINATION ..... 15°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (3 meters south and 44 meters west)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

To convert meters to feet multiply by 3.2880
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Lincolnville
2 Islesboro
3 Cape Rosier
4 Camden
5 North Haven East
6 Rockland
7 Lanesboro Island
8 Vinalhaven

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

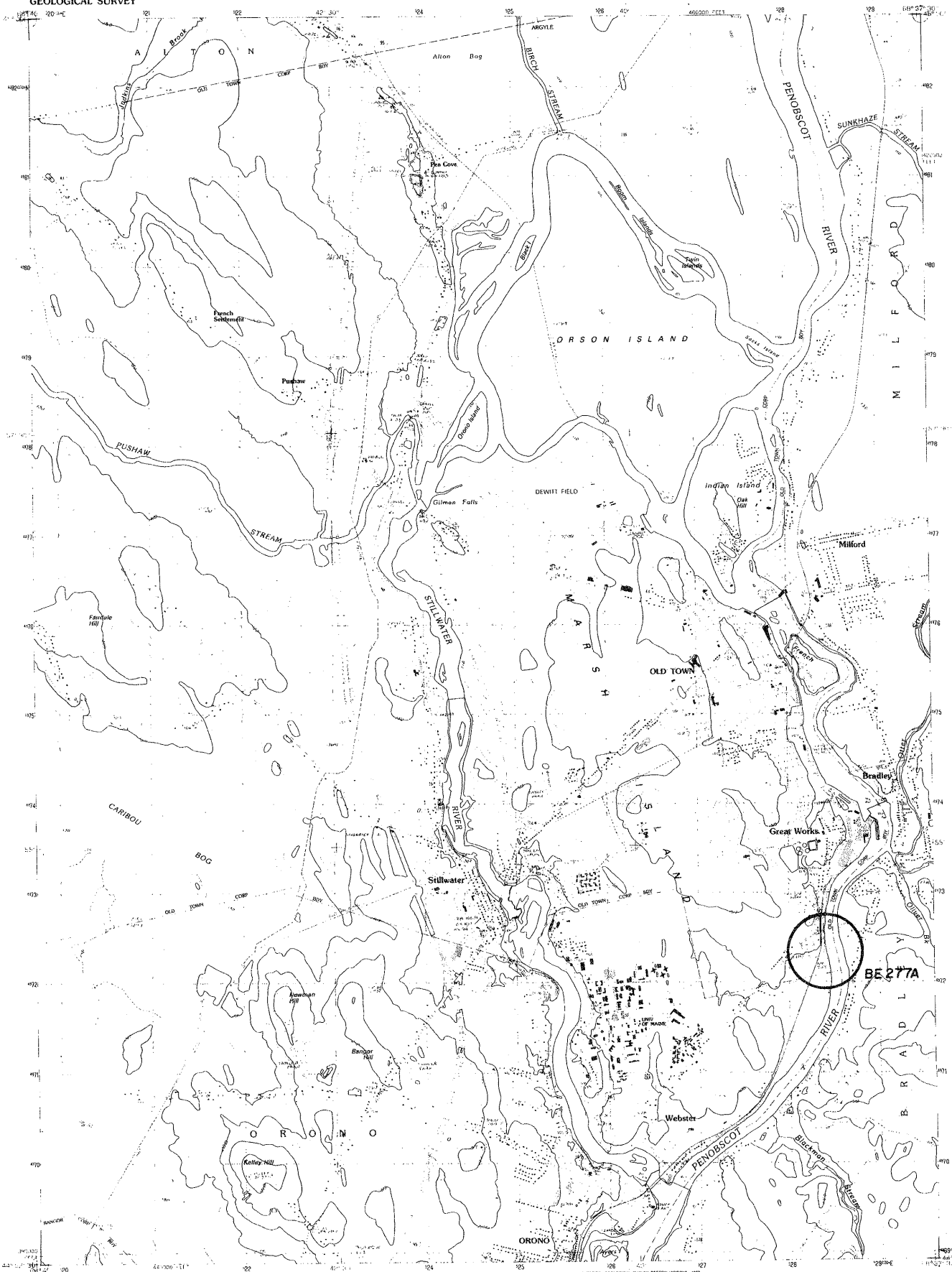
Improved Road
Unimproved Road
Trail
Interstate Route U. S. Route State Route

NORTH HAVEN WEST, MAINE
PROVISIONAL EDITION 1983
44068-A8-TF-024

effective 3/1/93

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OLD TOWN QUADRANGLE
MAINE–PENOBSCOT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



effective 10/1/99

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA, AND MAINE DOT
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1981
FIELD CHECKED ..... 1983 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 10,000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
1974 GRID DECLINATION ..... 0°15' EAST
1988 MAGNETIC NORTH DECLINATION ..... 15°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters south and 45 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings
Gray tint indicates area in which selected buildings are shown
All islands in the Penobscot River, above and including Indian Island, are a part of the Penobscot Indian Reservation

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET
1 0 1 2 KILOMETERS
1000 0 1000 2000 METERS

CONTOUR INTERVAL 10 FEET
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR GEOLOGICAL SURVEY, RESTON, VIRGINIA 1988

MAINE

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 South Legrange
2 Greenbush
3 Olamon
4 Pushaw Lake
5 Outer Chain Ponds
6 Bangor
7 Veazie
8 Clinton Pond

ADJOINING 7.5 QUADRANGLE NAMES

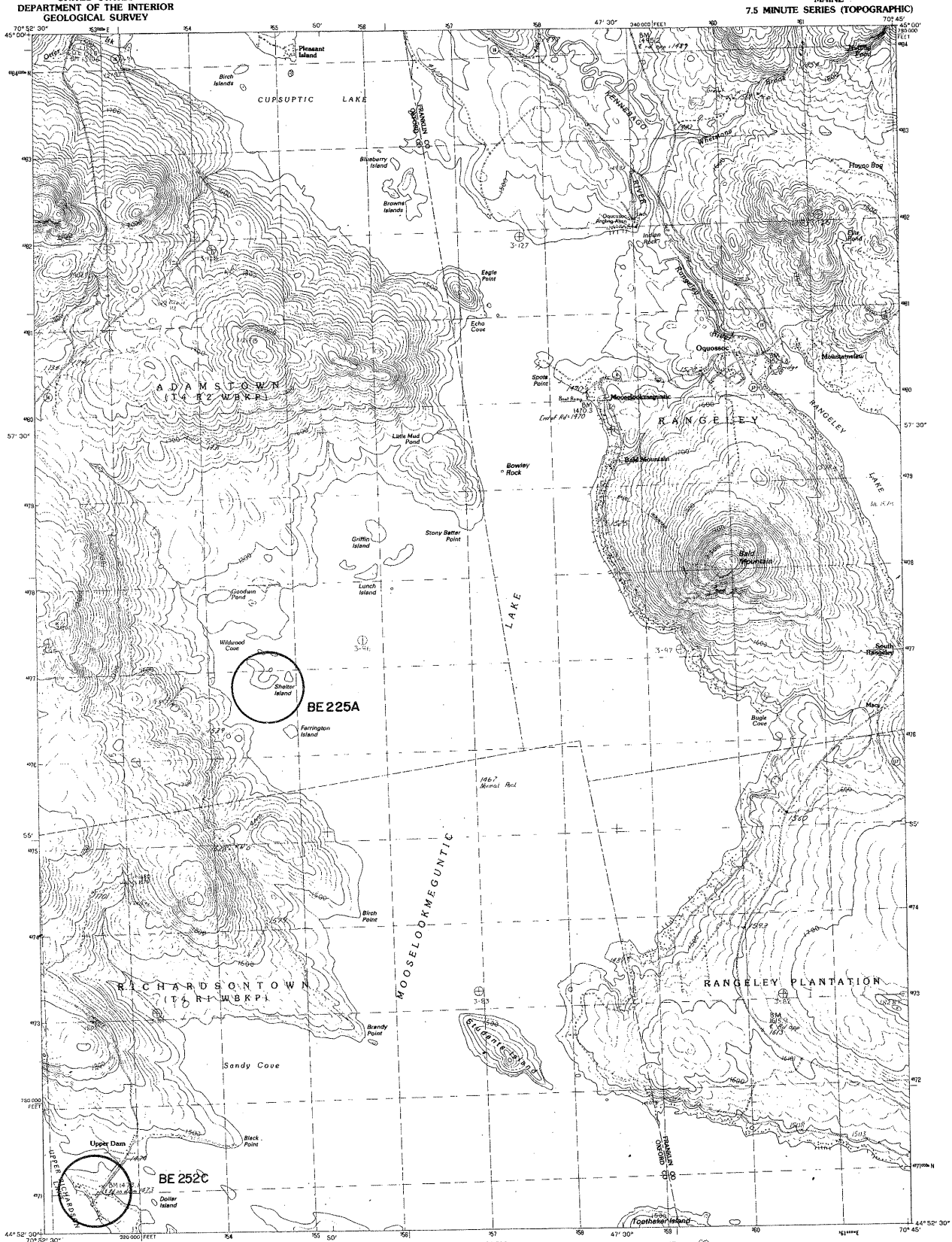
ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....

Interstate Route U. S. Route State Route

OLD TOWN, MAINE
PROVISIONAL EDITION 1988

44068-H6-TF-024



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OQUOSSOC QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY .... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1981
FIELD CHECKED .... 1982 MAP EDITED 1984
PROJECTION .... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR .... ZONE 19
10,000-FOOT STATE GRID TICKS .... MAINE, WEST ZONE
UTM GRID DECLINATION .... 1°17′ WEST
1984 MAGNETIC NORTH DECLINATION .... 17°30′ WEST
VERTICAL DATUM ...... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM .... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (3 meters south and 40 meters west)

There may be private inholdings within the boundaries of any National or State reservations shown on this map

No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.
1

SCALE 1:24 000

INTERIOR—GEOLOGICAL SURVEY RESTON VIRGINIA—1985

CONTOUR INTERVAL 20 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Lincoln Pond
2 Kennebago
3 Kennebago Lake
4 Richardson Pond
5 Rangeley
6 Middle Dam
7 Metallak Mtn
8 Houghton

ADJOINING 7.5′ QUADRANGLE NAMES

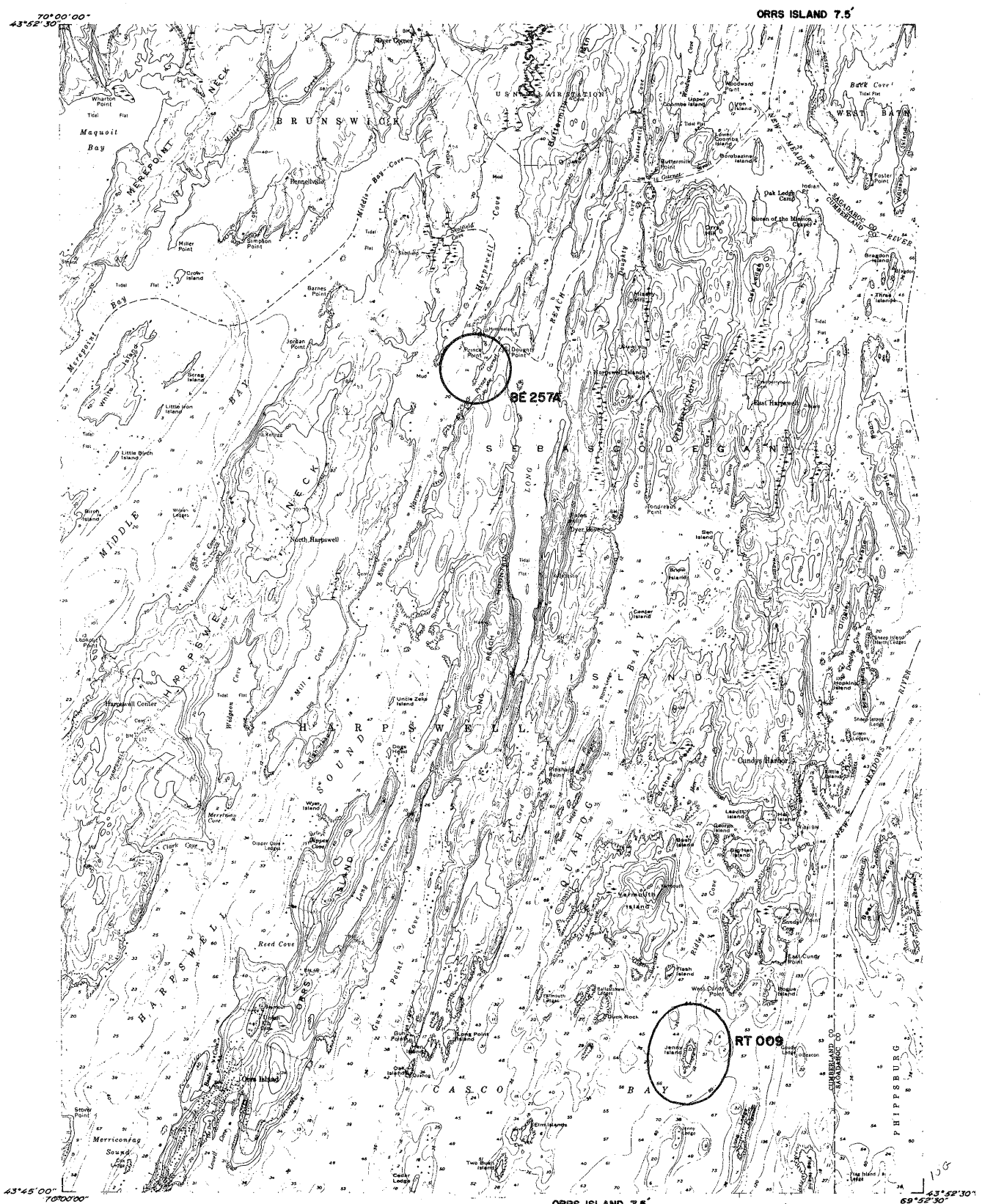
ROAD LEGEND

Improved Road ....
Unimproved Road ....
Trail ....

○ Interstate Route ○ U. S. Route ○ State Route

OQUOSSOC, MAINE
PROVISIONAL EDITION 1984
44070-H7-TF-024

effective 2/20/98



effective 2/20/98

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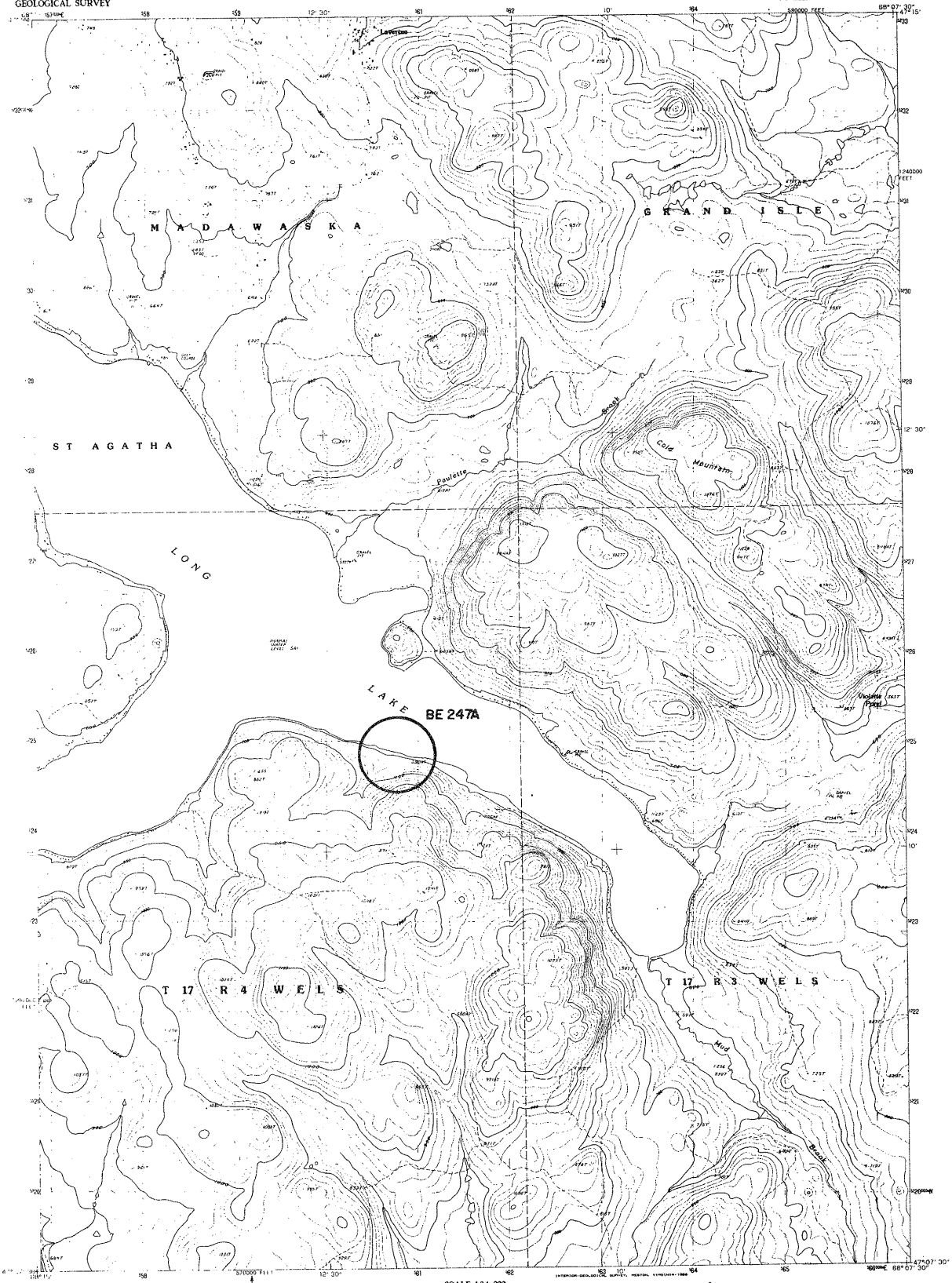
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PAULETTE BROOK QUADRANGLE
MAINE-AROOSTOOK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY . . . . . USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1982
FIELD CHECKED . . . . . 1984 MAP EDITED 1986
PROJECTION . . . . . TRANSVERSE MERCATOR
GRID 10000-METER UNIVERSAL TRANSVERSE MERCATOR . . . . . ZONE 19
10,000-FOOT STATE GRID TICKS . . . . . MAINE, EAST ZONE
UTM GRID DECLINATION . . . . . 0°W EAST
1986 MAGNETIC NORTH DECLINATION . . . . . 15°00' WEST
VERTICAL DATUM . . . . . NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM . . . . . 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (41 meters west)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography. 1

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Madawaska
2 Grand Isle
3 Lille
4 St. Agatha
5 Violette Brook
6 Long Lake
7 Beaulieu
8 Paulett Brook

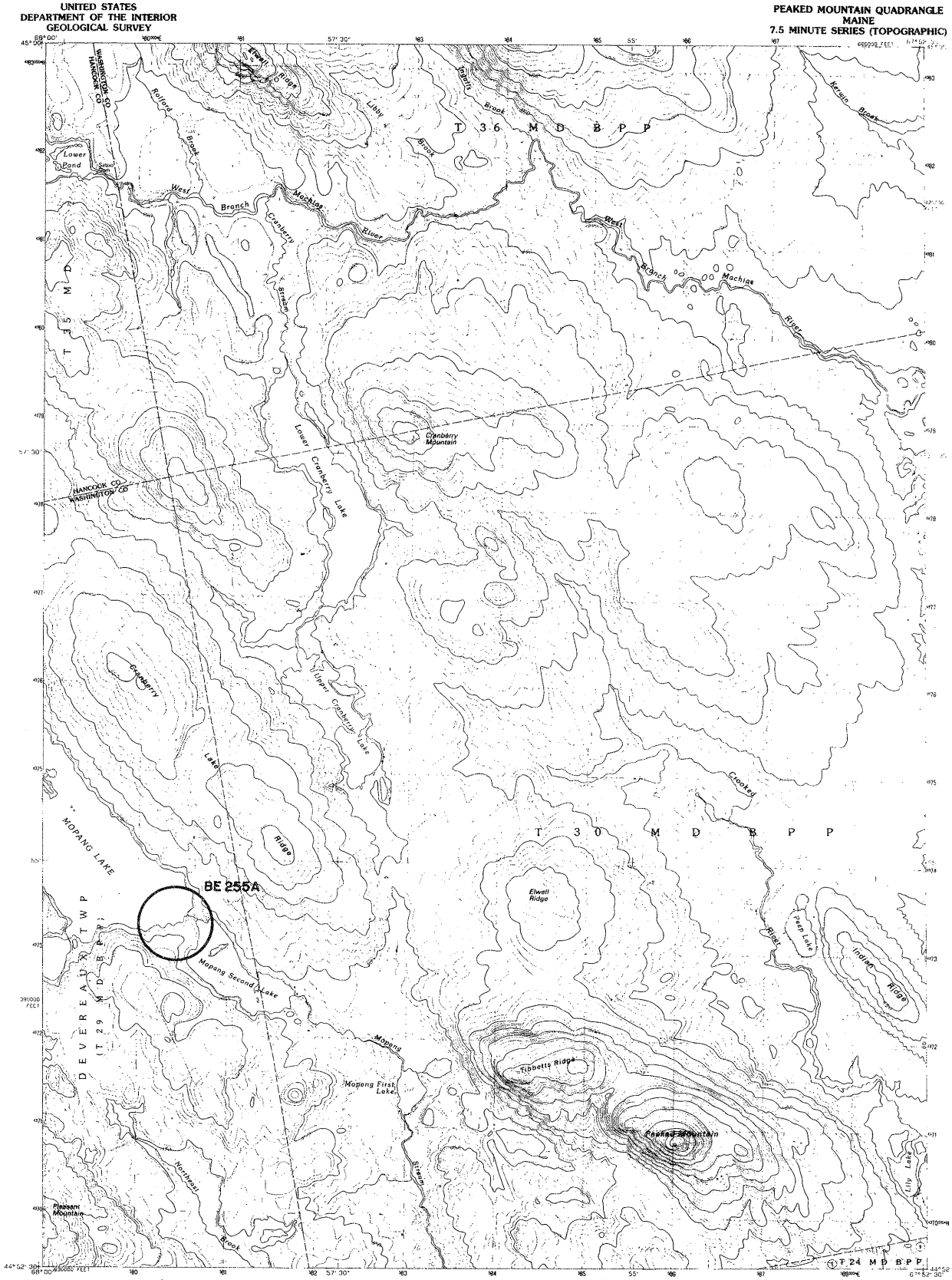
ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U.S. Route State Route

PAULETTE BROOK, MAINE
PROVISIONAL EDITION 1985

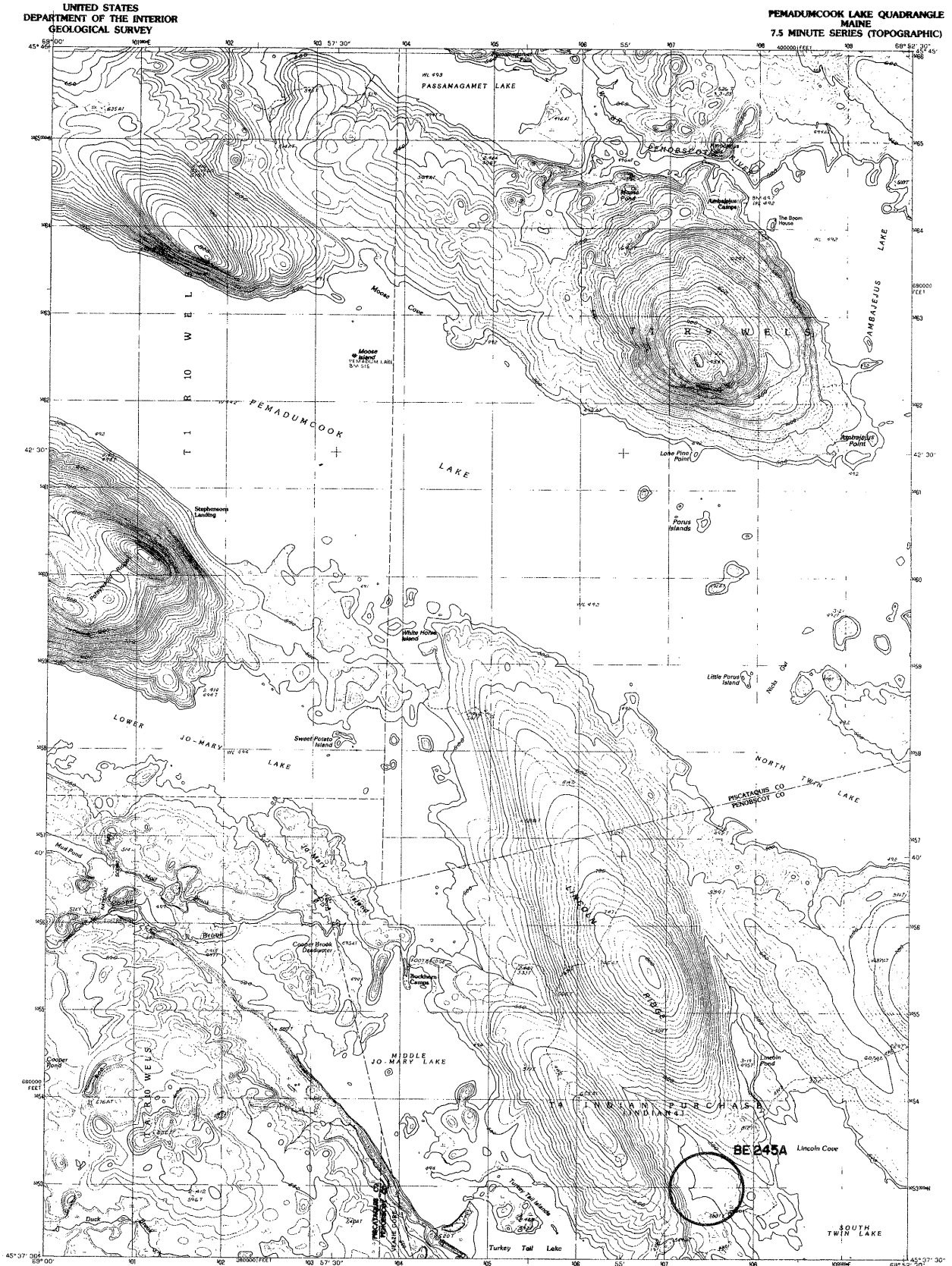
47068-E2-TF-024

effective 2/20/98



effective 2/20/98

Peaked Mountain, Me

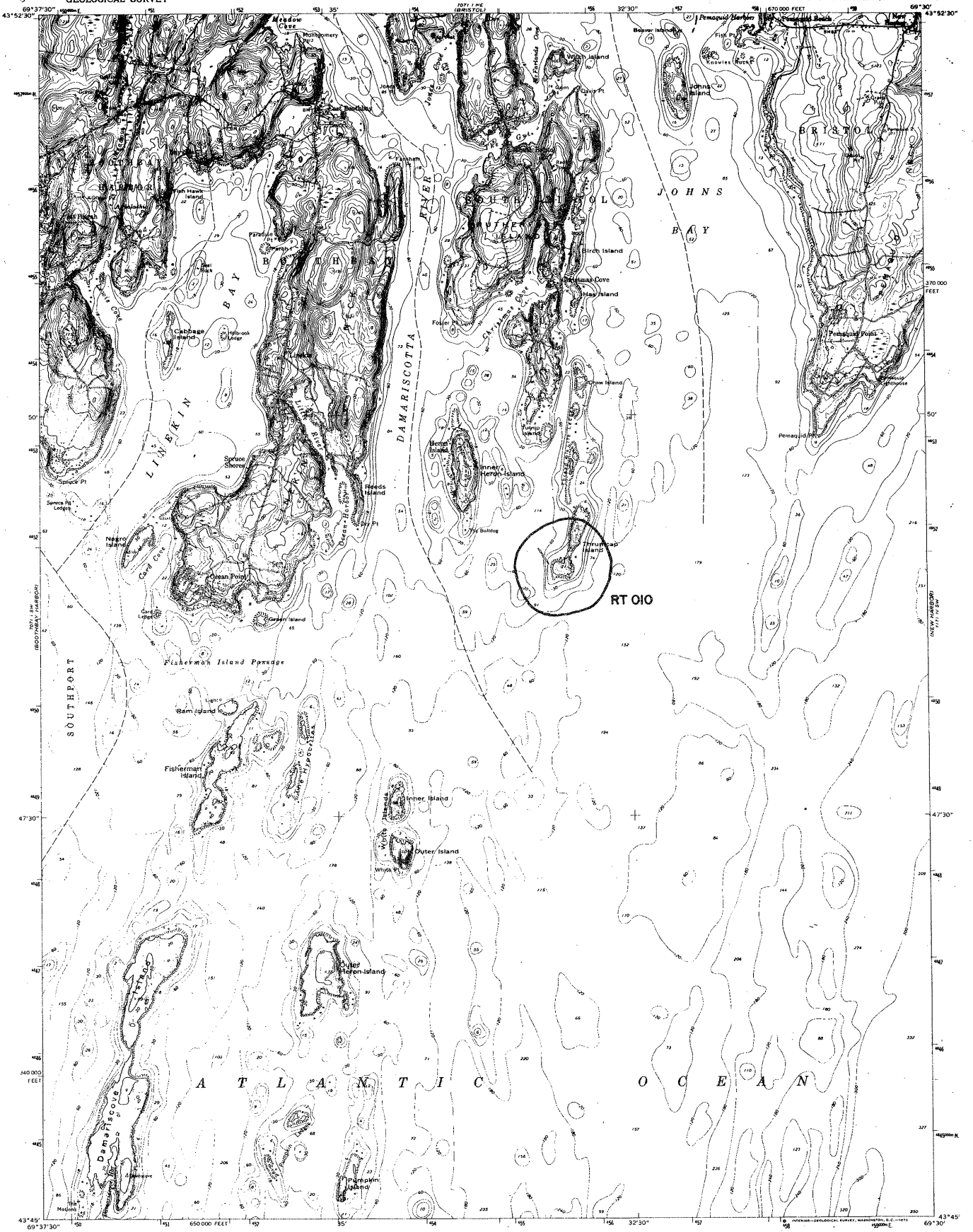


effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MAINE
PUBLIC UTILITIES COMMISSION

PEMAQUID POINT QUADRANGLE
MAINE–LINCOLN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 BOOTHBAY 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1969

Selected hydrographic data compiled from USC&GS Charts 230 and 314 (1972). This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, west zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue. 1927 North American datum

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET--DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 9 FEET

UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface — Light-duty road, hard or improved surface
Secondary highway, hard surface — Unimproved road
Interstate Route — U. S. Route — State Route

PEMAQUID POINT, MAINE
SE/4 BOOTHBAY 15' QUADRANGLE
N4345—W6930/7.5

1969

AMS 7071 I SE—SERIES V811

effective 3/1/93

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

PEMBROKE QUADRANGLE
MAINE-WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 EASTPORT 15' X 20' QUADRANGLE

effective 10/1/99

BE 071B
BE 071D
BE 067H
BE 069D
BE 067G
BE 066G
BE 066F
BE 101G
BE 101B
BE 065D
BE 065B
BE 065C
BE 171B
BE 171C

Mapped by the U. S. Coast & Geodetic Survey
Edited and published by the Geological Survey

Control by USC&GS, USGS, and MIT

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1946. Field check 1949
Hydrography compiled from USC&GS chart 801, 1949

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue

SCALE 1:24000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 18 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

APPROXIMATE MEAN DECLINATION, 1949

QUADRANGLE LOCATION

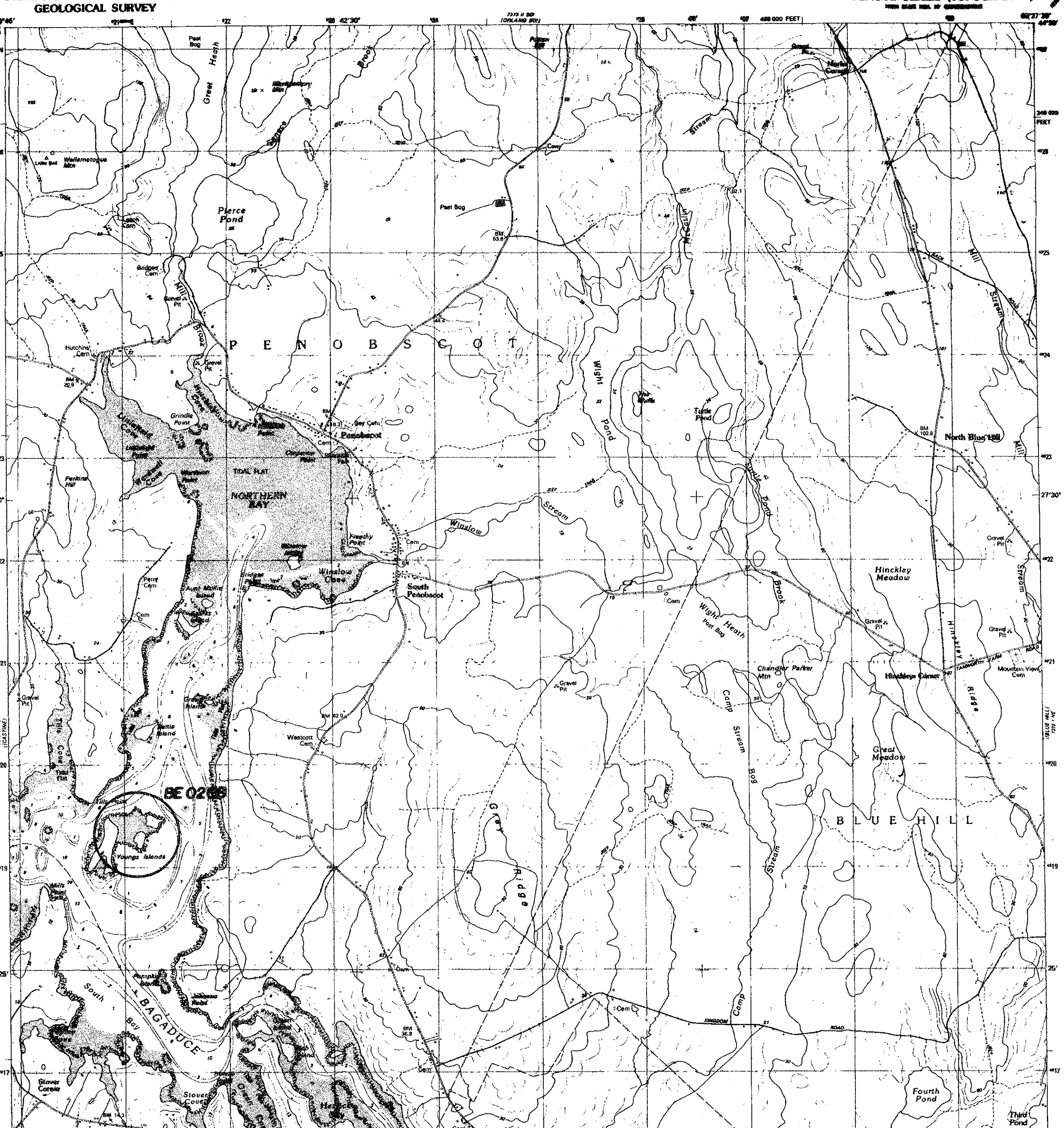
ROAD CLASSIFICATION
Medium-duty — Light-duty
Unimproved dirt - - - - - -
U. S. Route — State Route

PEMBROKE, ME.
NW/4 EASTPORT 15' X 20' QUADRANGLE
N4452.5—W6707.5/7.5

1949

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PENOBSCOT QUADRANGLE
MAINE–HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



effective 3/31/95

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1977. Map edited 1981

Selected hydrographic data compiled from NOS chart 13309 (1979). This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 2 meters south and 48 meters west as shown by dashed corner ticks

UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 6 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST METER

DEPTH CURVES AND SOUNDINGS IN METERS—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 3.1 METERS

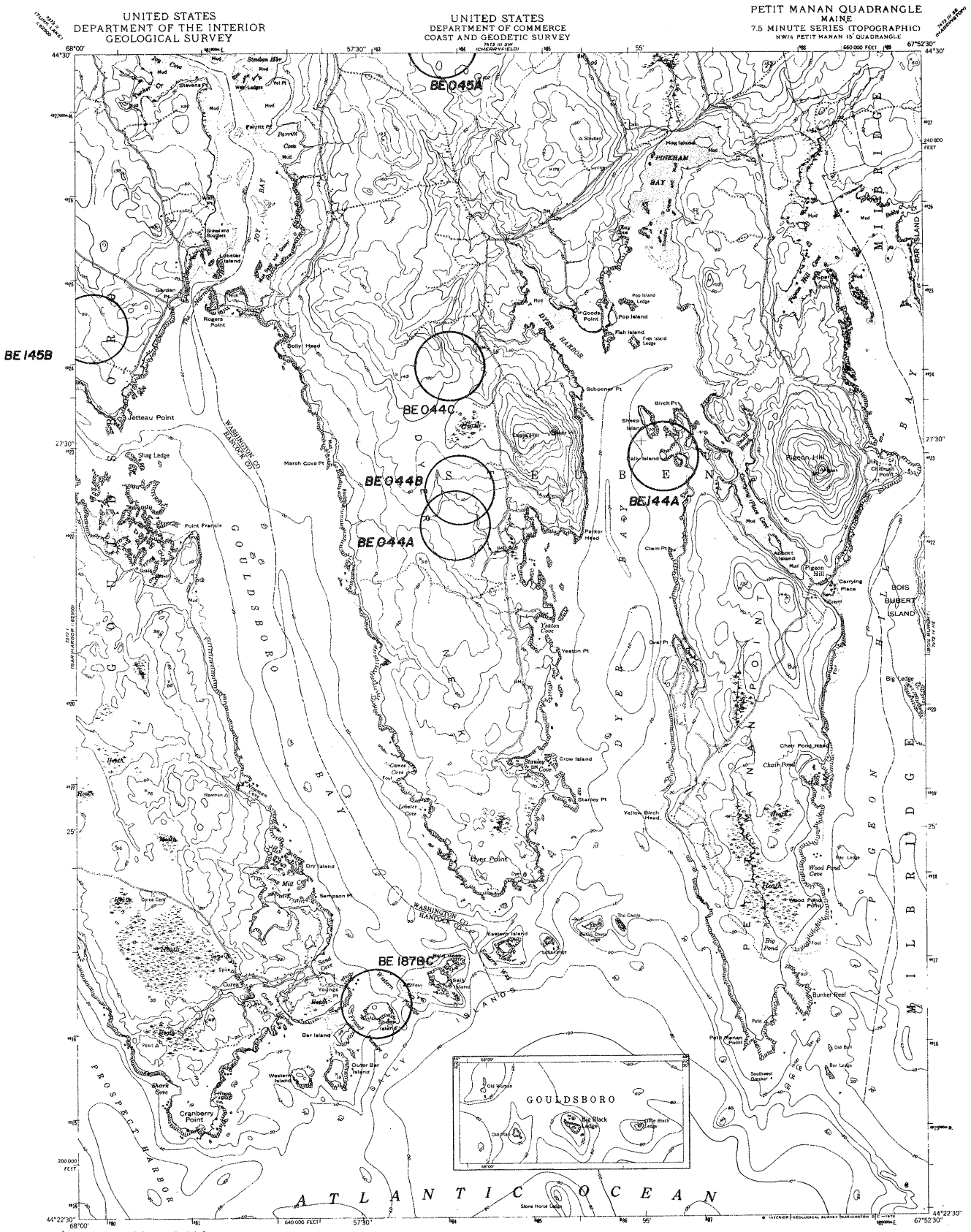
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION

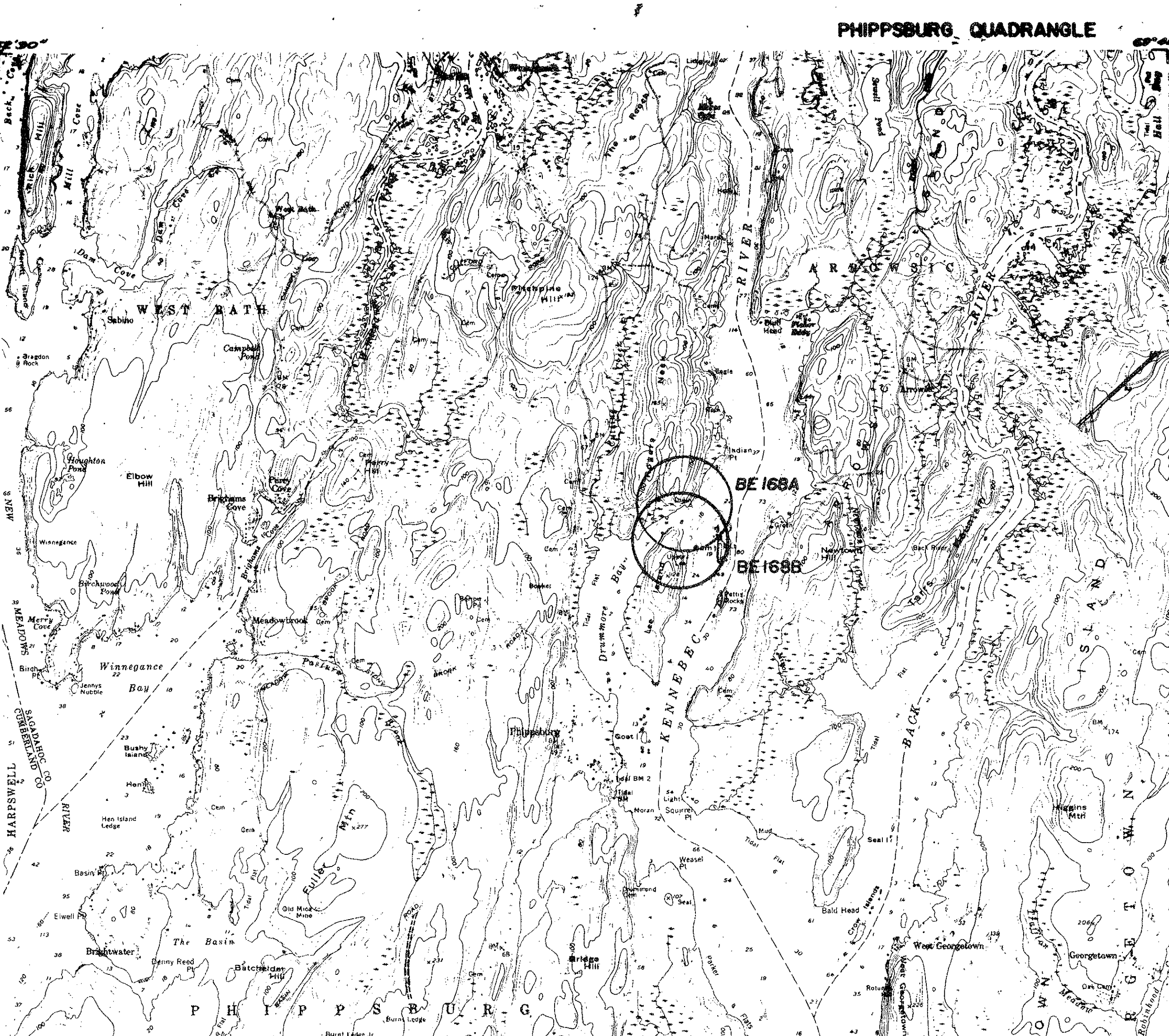
Primary highway, hard surface
Light-duty road, hard or improved surface
Secondary highway, hard surface
Unimproved road
Interstate Route U. S. Route State Route

PENOBSCOT, ME.
N4422.5—W6837.5/7.5
1981
DMA 7272 I NW—SERIES V811



effective 2/20/98

PHIPPSBURG QUADRANGLE



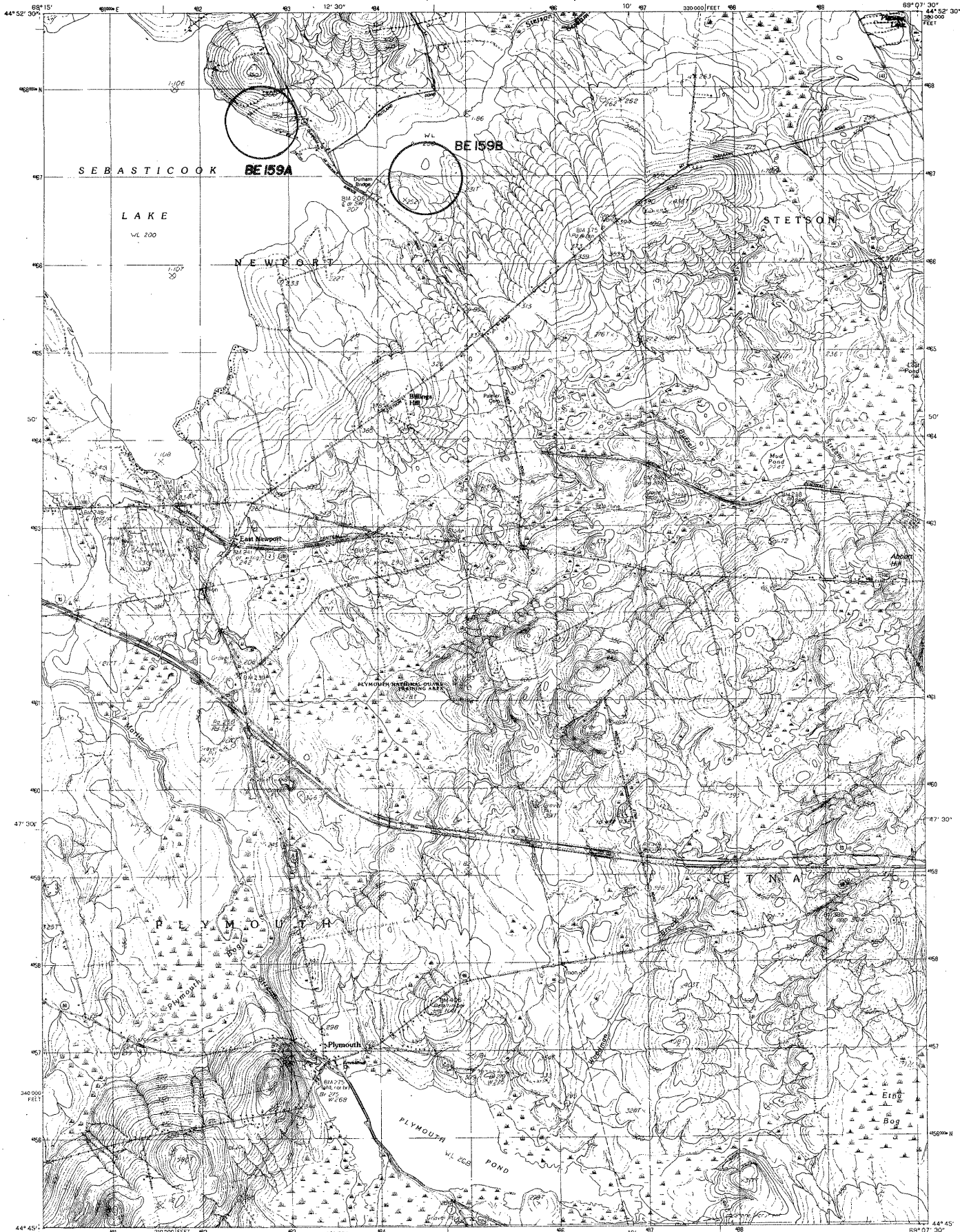
[redacted]

[redacted]

effective 3/1/93

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PLYMOUTH QUADRANGLE
MAINE – PENOBSCOT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1970
FIELD CHECKED ..... 1979 MAP EDITED 1982
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°06' WEST
1982 MAGNETIC NORTH DECLINATION ..... 18°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (3 meters south and 63 meters west)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

SCALE 1:24 000

1 0 1 KILOMETERS
1000 0 1000 METERS 2000
1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET

CONTOUR INTERVAL 10 FEET

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Corinna
2 Stetson
3 West Corinth
4 Newport
5 Carmel
6 Unity Pond
7 Dixmont
8 East Dixmont

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U.S. Route State Route

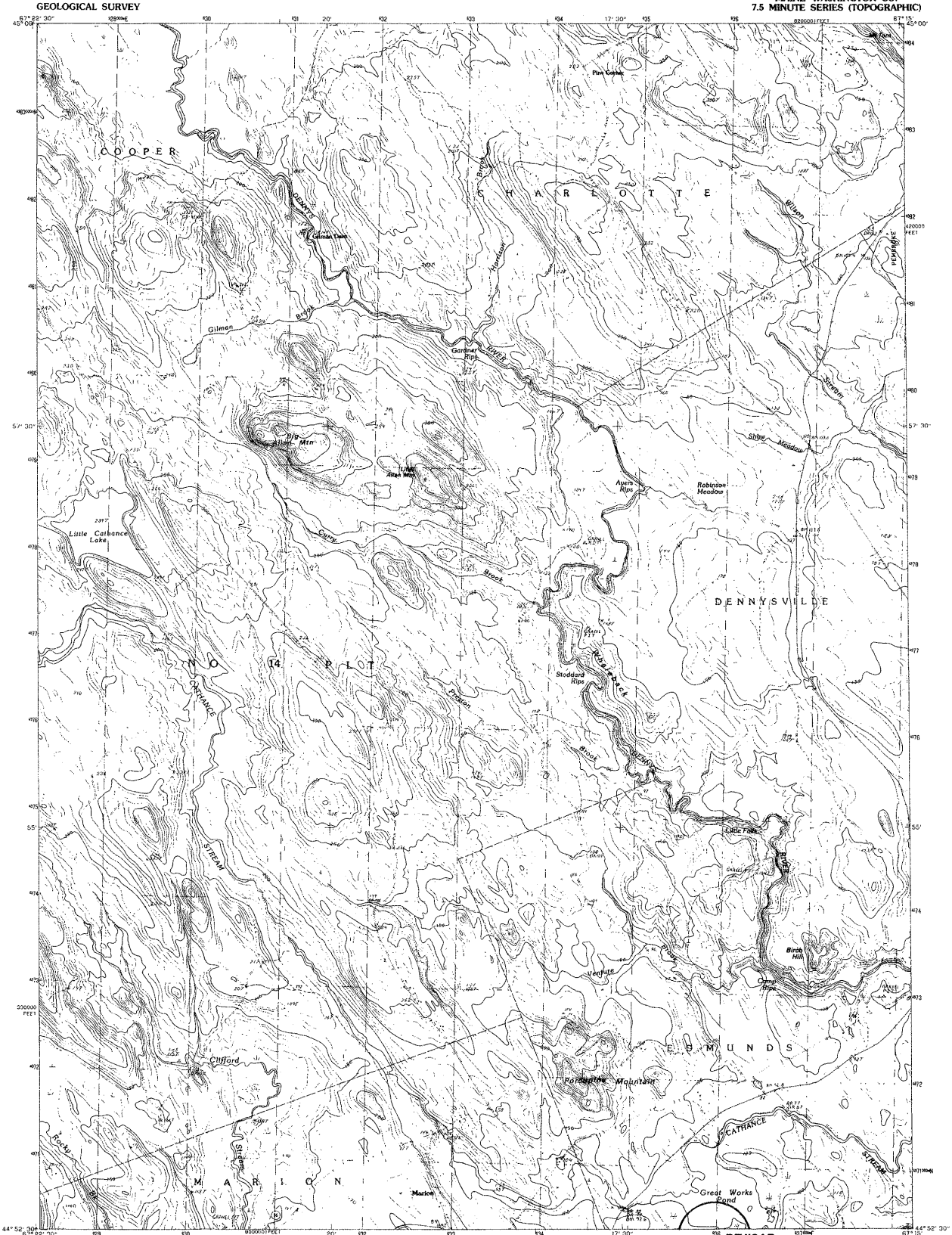
PLYMOUTH, MAINE
PROVISIONAL EDITION 1982

44069-G2-TF-024

effective 3/1/93

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PORCUPINE MOUNTAIN QUADRANGLE
MAINE–WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN ..... 1981 AND 1984
FIELD CHECKED ..... 1982. MAP EDITED 1987
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 1°37' EAST
1987 MAGNETIC NORTH DECLINATION ..... 19°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (49 meters west)

There may be private inholdings within the boundaries of any Federal and State reservations shown on this map

No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10,000 FEET
1 0 1 KILOMETERS
1000 0 1000 2000 METERS

CONTOUR INTERVAL 10 FEET

CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1987

BE118AB

MAINE

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Middlebrook Lake West
2 Middlebrook Lake East
3 Red Ranch
4 Lake Cathance
5 Pembroke
6 Hadley Lake
7 Long Lake
8 Whiting

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U.S. Route State Route

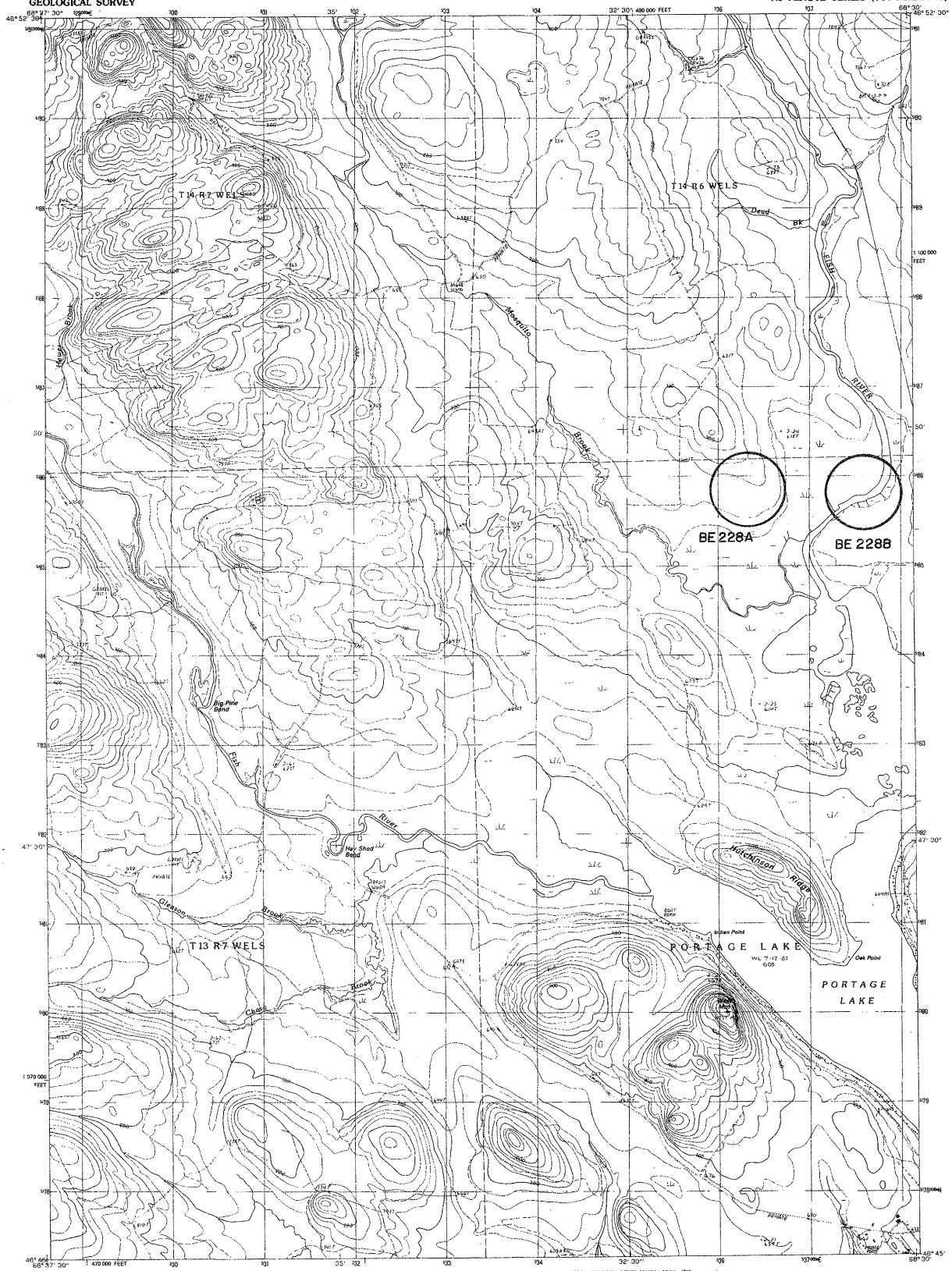
PORCUPINE MOUNTAIN, MAINE
PROVISIONAL EDITION 1987

44067-H3-TF-024

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PORTAGE LAKE WEST QUADRANGLE
MAINE–AROOSTOOK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOAA/NOS
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1982
FIELD CHECKED ..... 1984 MAP EDITED 1986
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°15' EAST
1986 MAGNETIC NORTH DECLINATION ..... 20°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 40 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

1 MILE 0 1
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET
1 KILOMETER 0 1 2
1000 0 1000 2000 METERS

CONTOUR INTERVAL 20 FEET
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Island Pond
2 Winterville
3 McCluskey Lake
4 Carr Pond
5 Portage Lake East
6 Greenlaw Pond
7 Little Machias Lake
8 Ashland

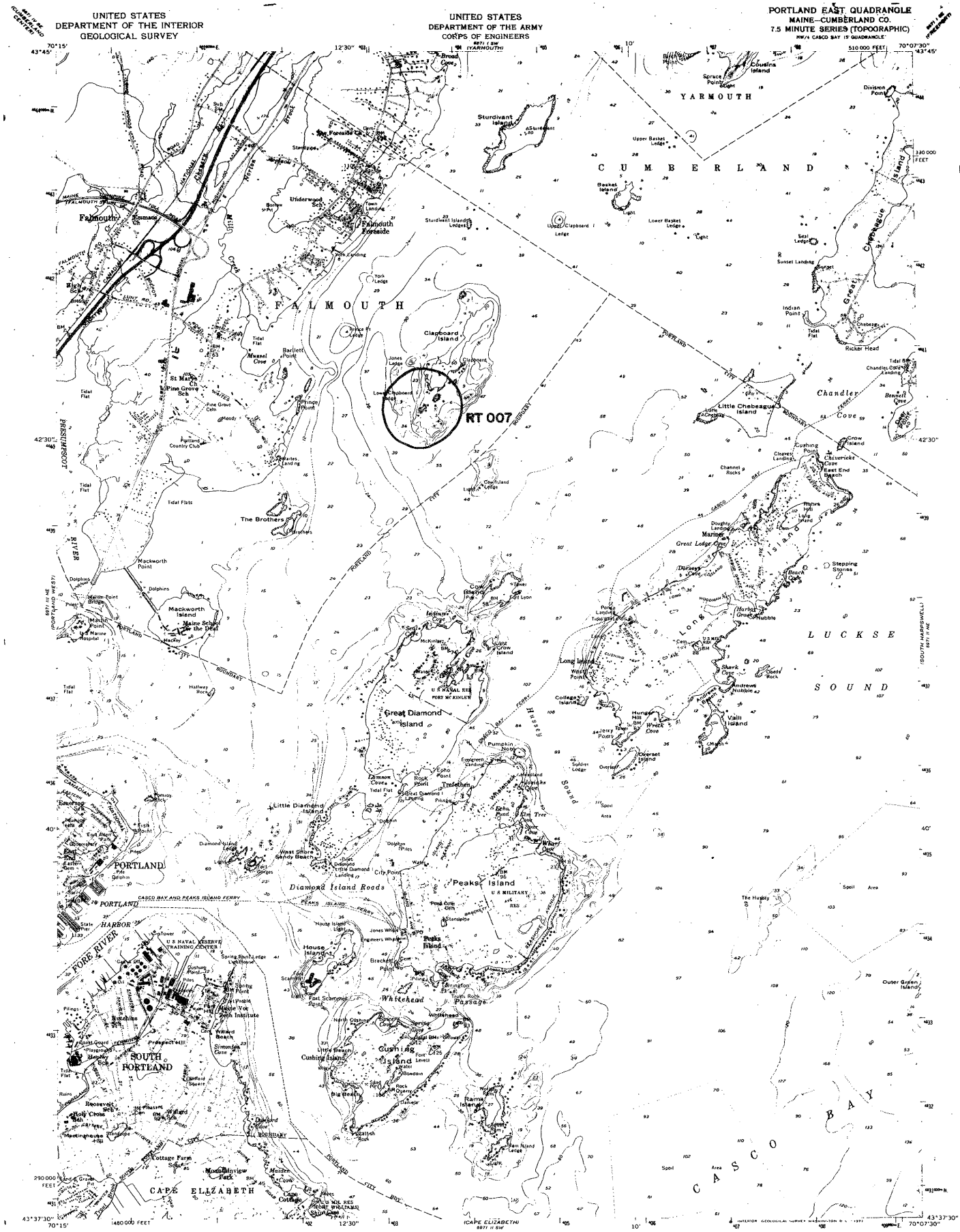
ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

PORTAGE LAKE WEST, MAINE
PROVISIONAL EDITION 1986
46068-GS-TF-024

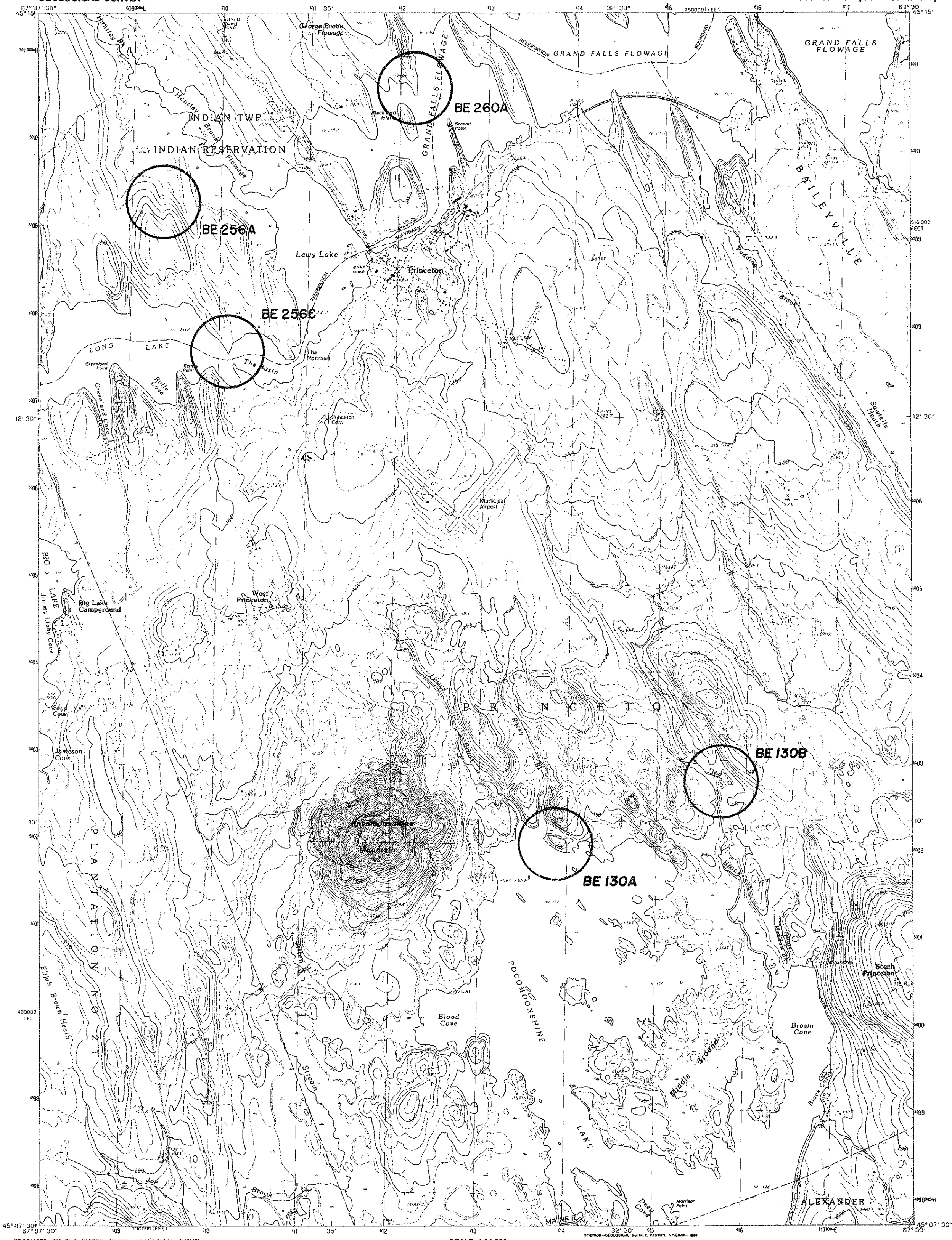
effective 2/20/98



effective 3/1/93

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PRINCETON QUADRANGLE
MAINE–WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY..........USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN..........1984
FIELD CHECKED..........1986. MAP EDITED..........1990
PROJECTION..........UNIVERSAL TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR..........ZONE 19
10,000-FOOT STATE GRID TICKS..........MAINE, EAST ZONE
UTM GRID DECLINATION..........1°01' EAST
1989 MAGNETIC NORTH DECLINATION..........19°30' WEST
VERTICAL DATUM..........NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM..........1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (0 meters north and 48 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24,000

CONTOUR INTERVAL 10 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1990

QUADRANGLE LOCATION

1	2	3	1 Waite
4		5	2 Tomah Ridge 3 Kellyland 4 Big Lake 5 Woodland
6	7	8	6 Clifford Lake 7 Crawford Lake 8 Meddybemps Lake West

ADJOINING 7.5' QUADRANGLE NAMES

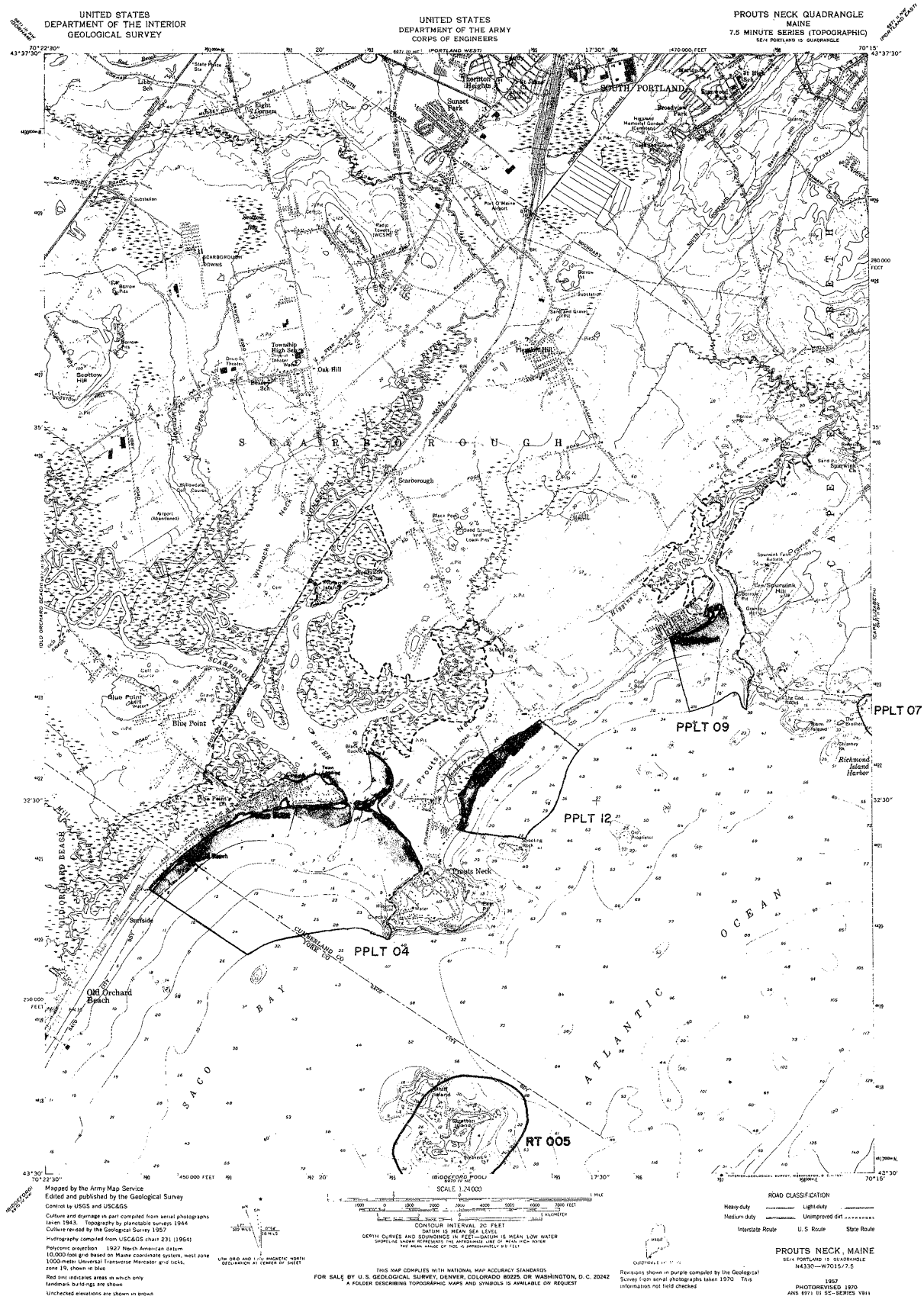
ROAD LEGEND

Improved Road..........
Unimproved Road..........
Trail..........

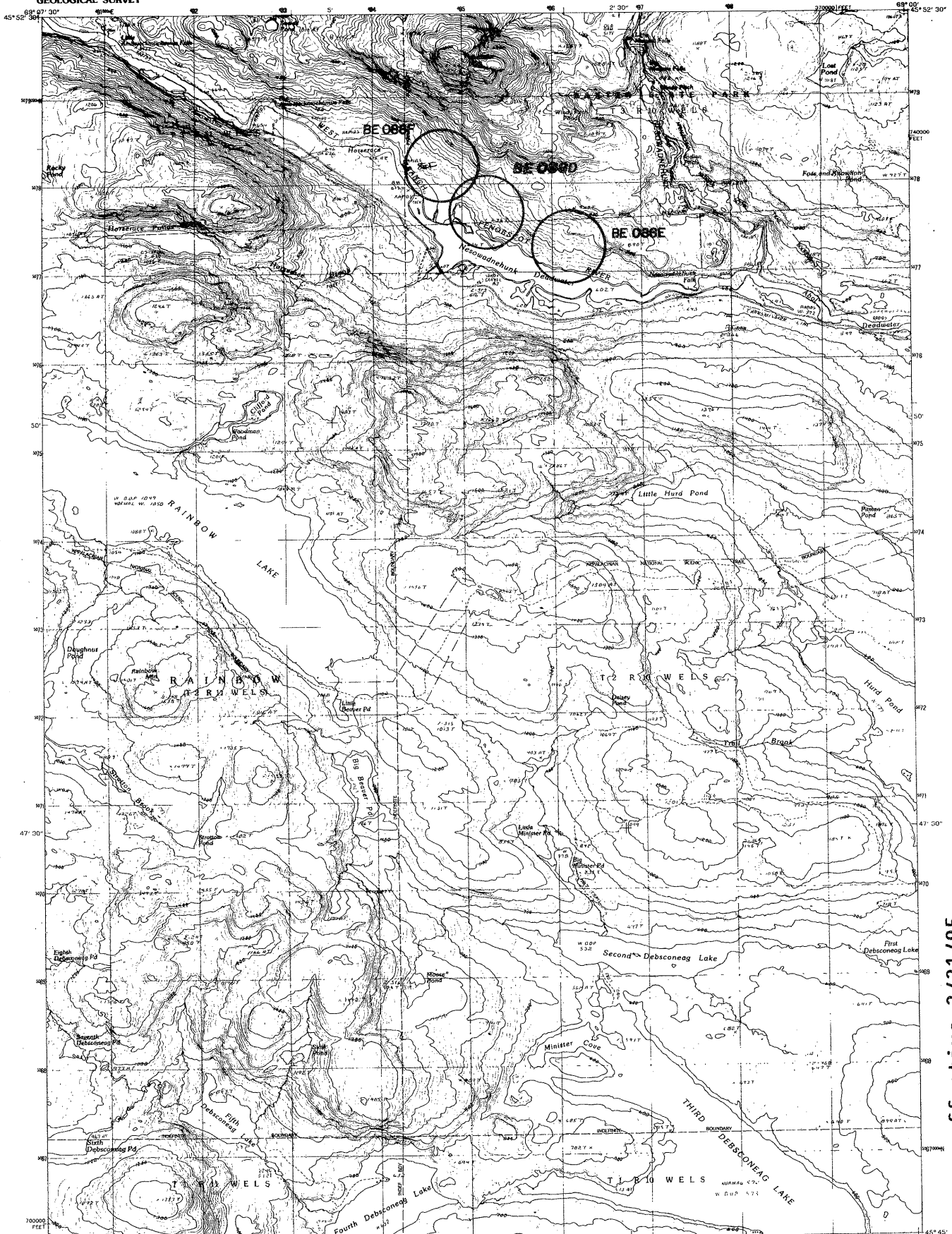
Interstate Route U. S. Route State Route

PRINCETON, MAINE
PROVISIONAL EDITION 1990
45067-B5-TF-024

effective 2/20/98



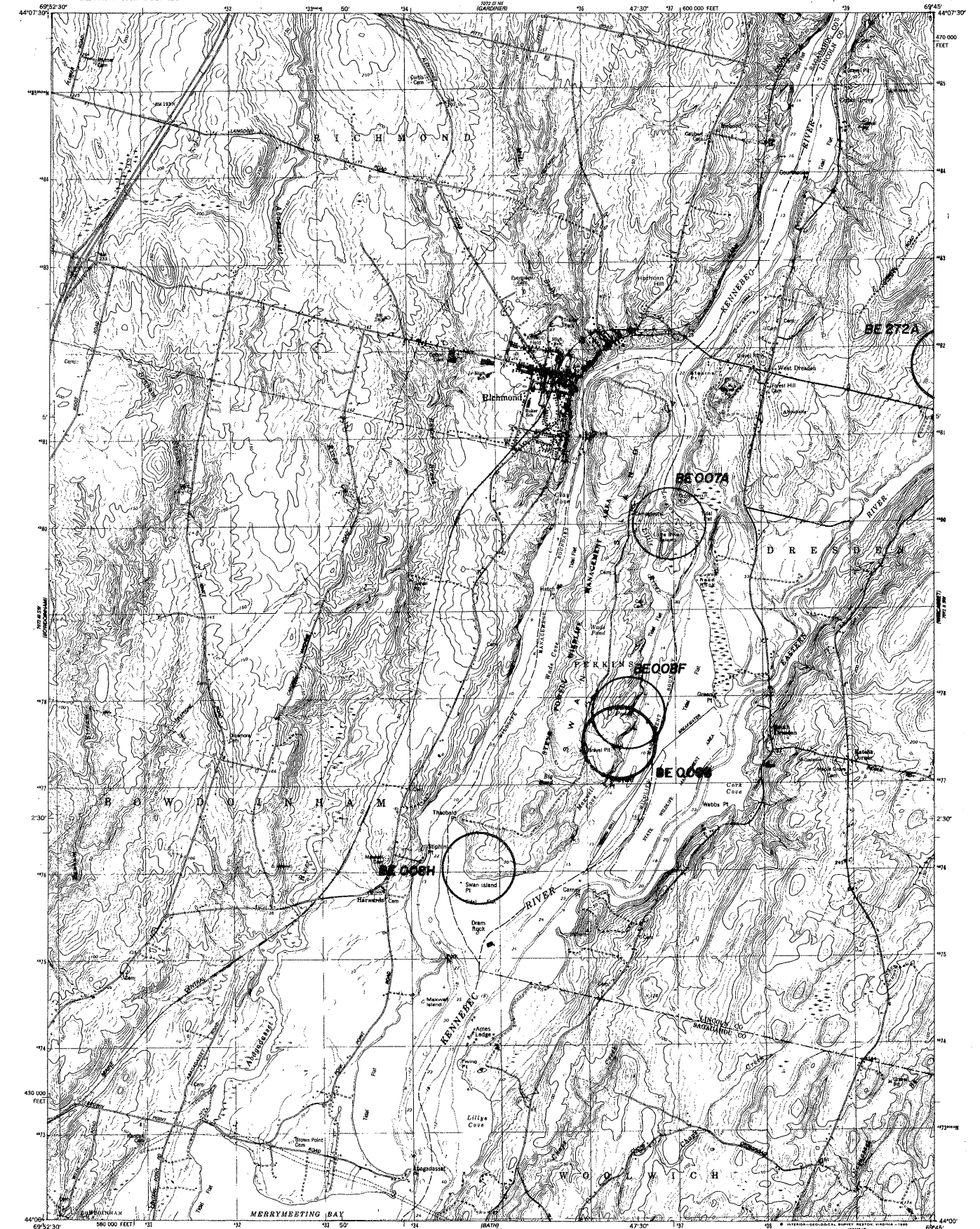
effective 10/29/08


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
RAINBOW LAKE EAST QUADRANGLE
MAINE--PISCATAQUIS CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
BE 088F
BE 088D
BE 088E
RAINBOW LAKE
Second Debsconeag Lake
First Debsconeag Lake
Third Debsconeag Lake
Fourth Debsconeag Lakes
Fifth Debsconeag Lake
Nesowadnehunk Deadwater
Nesowadnehunk Falls
Little Hurd Pond
Hurd Pond
Deadwater
Minister Cove
T2 R11 WELS
T2 R10 WELS
T1 R11 WELS
T1 R10 WELS
SCALE 1:24 000
CONTOUR INTERVAL 20 FEET
effective 3/31/95
PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
ROAD LEGEND
45069-G1-TF-024


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES
DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
RED BEACH QUADRANGLE
MAINE-WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 ROBBINSTON 15' QUADRANGLE
ROBBINSTON
CALAIS
PERRY
BOYDEN LAKE
PEMBROKE
PENNAMAQUAN LAKE
Red Beach
Red Beach Cove
Flowed Land Ponds
Nash Cove
Nash Lake
Keene Lake
Shattuck Lake
Shoemaker Lake
Maguerewock Lakes
Rogue Lake
Bond Lake
Eastern Lake
Western Lake
Goulding Lake
Howard Lake
Howard Mtn
Penkuse Lakes
Caribou Mtn
Caldbeck Lake
Charlotte
Rocky Meadow
Rocky Meadow Brook
Meadow Brook
Western Stream
Eastern Stream
Mill Brook
Bruce Brook
Pembroke Brook
South Robbinston Ridge
Robbinston Ridge CK
Cattle Ledge
Mariner Point
Lamb Cove
Cattle Ledge Island
McCurdy Pt
St. Croix River
Moosehorn National Wildlife Refuge
BE 161A
BE 071B
effective 10/1/99
SCALE 1:24 000
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THIS AVERAGE RANGE OF 10FT IS APPROXIMATELY 15 FEET
ROAD CLASSIFICATION
Heavy-duty
Medium-duty
Light-duty
Unimproved dirt
U. S. Route
State Route
Mapped by the U. S. Coast & Geodetic Survey
Edited and published by the Geological Survey
Control by USC&GS (C), International Boundary Commission (I), and USGS
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1946. Field check 1949
Hydrography from surveys dated 1887, and supplementary information
Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue
UTM GRID AND 1949 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST
RED BEACH, ME.
SW/4 ROBBINSTON 15' QUADRANGLE
N4500—W6707.5/7.5
1949
AMS 7574 II SW—SERIES V811

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RICHMOND QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 GARDINER 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey
Control by USGS, NOS/NOAA, and Maine Geodetic Survey
Topography by photogrammetric methods from aerial photographs taken 1974. Field checked 1974. Map edited 1980
Selected hydrographic data compiled from NOS chart 13298 (1974)
This information is not intended for navigational purposes
Projection and 10,000-foot grid ticks: Maine coordinate system, west zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 4 meters south and 42 meters west as shown by dashed corner ticks
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked
There may be private inholdings within the boundaries of the National or State reservations shown on this map

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 5 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

MAINE
QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road

Interstate Route U. S. Route State Route

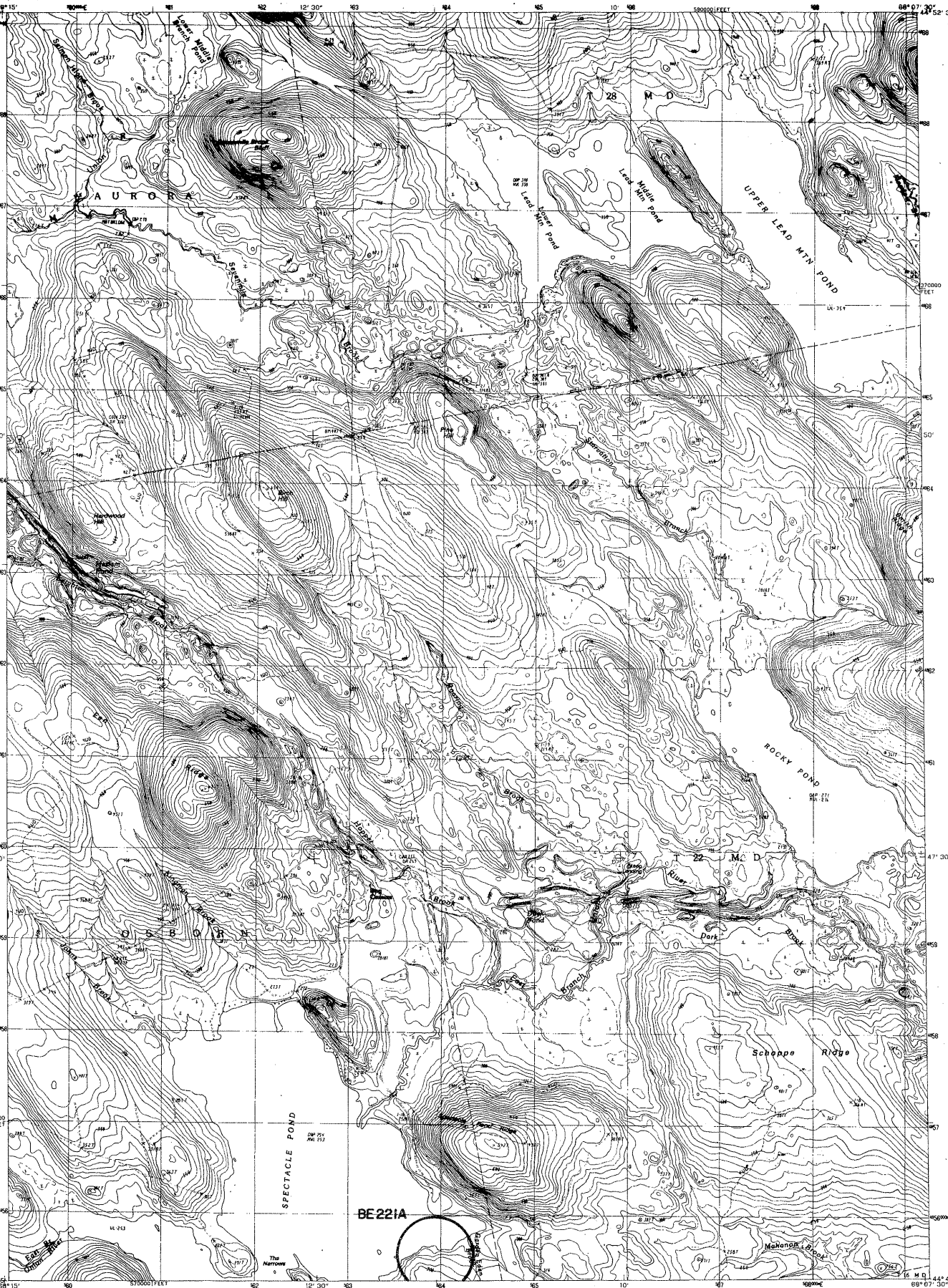
RICHMOND, MAINE
SE/4 GARDINER 15' QUADRANGLE
N4400—W6945/7.5
1980

DMA 7072 III SE—SERIES V811

effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ROCKY POND QUADRANGLE
MAINE—HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:24 000

CONTOUR INTERVAL 10 FEET

CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1981
FIELD CHECKED ..... 1986 MAP EDITED 1987
PROJECTION ..... TRANSVERSE MERCATOR
GRID ZONE/METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
NUMBERED STATE GRID TICKS ..... PRIME, EAST ZONE
1929 GRID RECLINATION ..... 0°34' EAST
1987 MAGNETIC NORTH DECLINATION ..... 15°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 66 meters west)

No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Grand Pond
2 Alligator Lake
3 Quoddy Mountain
4 Amherst
5 Lead Mountain
6 Eastbrook
7 Mollusson Pond
8 Tunk Mountain

ADJOINING 7.5' QUADRANGLE NAMES

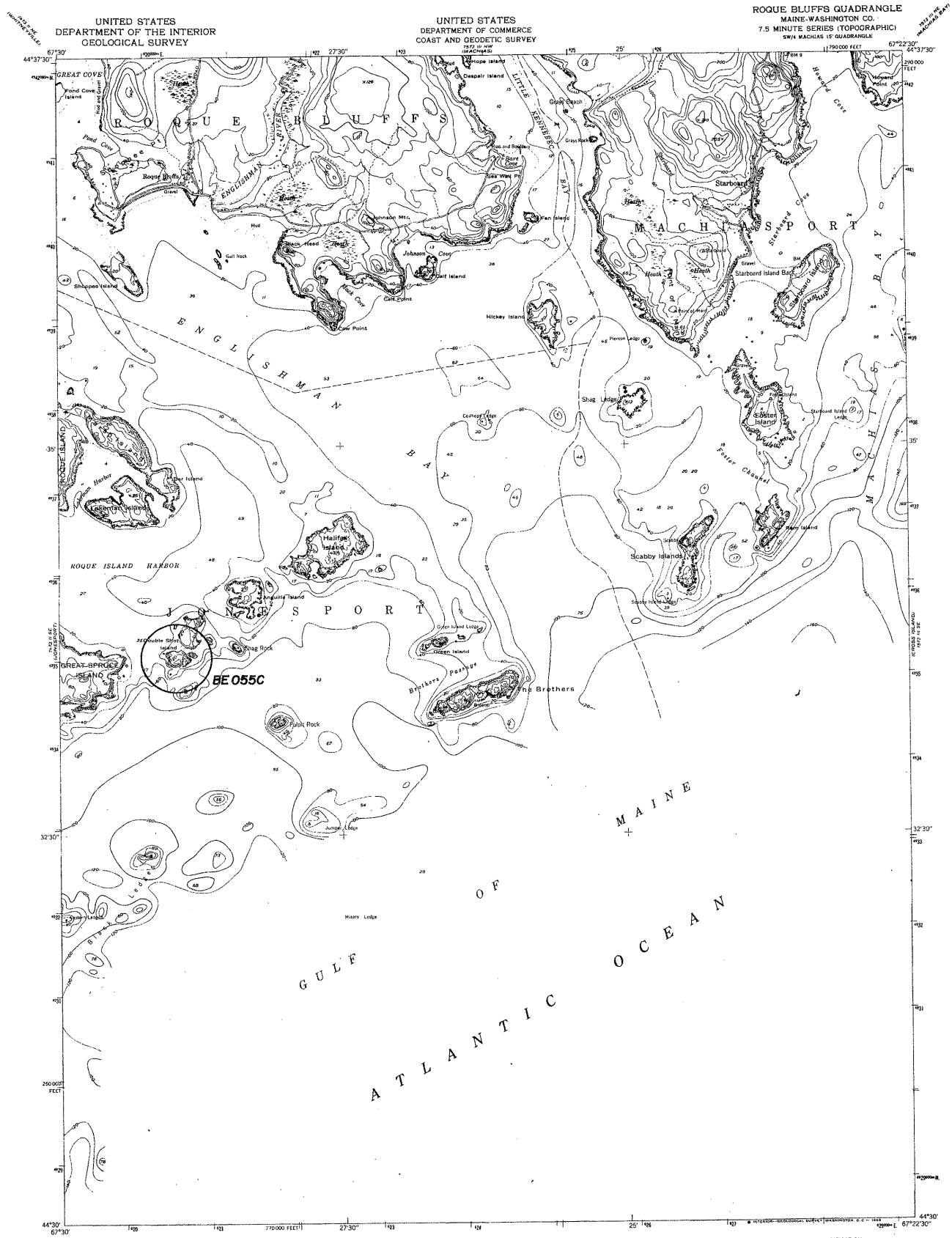
ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

ROCKY POND, MAINE
PROVISIONAL EDITION 1987

44068-G2-TF-024

effective 3/31/95



Mapped by U. S. Coast & Geodetic Survey

Edited and published by the Geological Survey

Control by USC&GS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1946. Field check 1948
Hydrography from surveys dated 1870 to 1892

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, east zone

Unchecked elevations are shown in brown

1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 12 FEET

UTM GRID AND 1948 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS	DRY WEATHER ROADS
Heavy-duty	Improved dirt
Medium-duty	Unimproved dirt
Loose-surface, graded, or narrow hard-surface	
U. S. Route	State Route

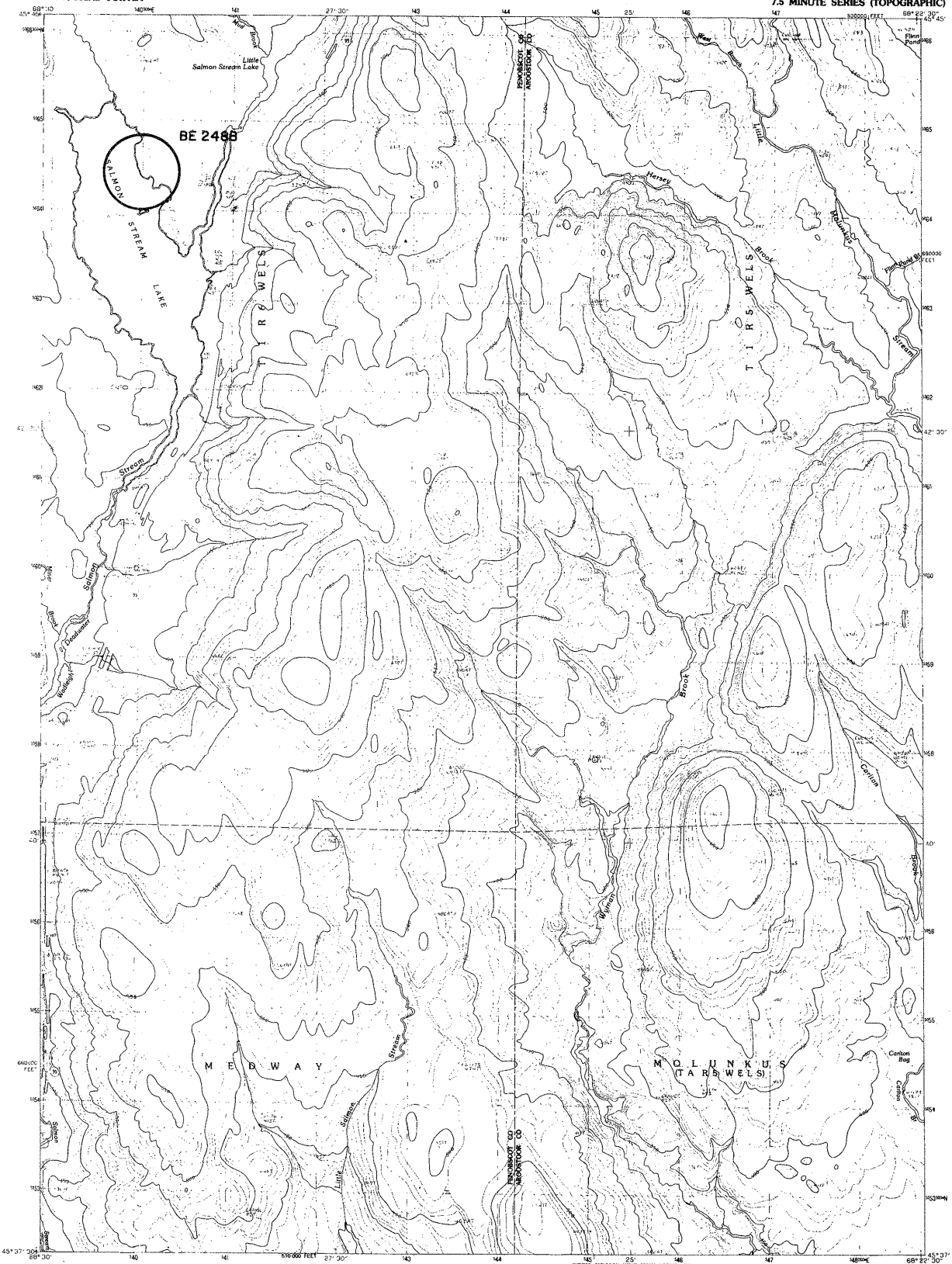
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROQUE BLUFFS, ME.
SW/4 MACHIAS 15' QUADRANGLE
N4430—W6722.5/7.5
1948
AMS 7573 III SW—SERIES V811

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SALMON STREAM LAKE QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA, AND MDOT
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984
FIELD CHECKED ..... 1986 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 9°W' EAST
1986 MAGNETIC NORTH DECLINATION ..... 19°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 44 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000
MILES
FEET
KILOMETERS
METERS
CONTOUR INTERVAL 10 FEET
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION
ADJOINING 7.5 QUADRANGLE NAMES
1. Sampsville
2. Shawtown
3. Hancock
4. East Millinocket
5. Mahoosuc Lake
6. Mechesancook Lake
7. Matanancook Lake
8. Matanancook

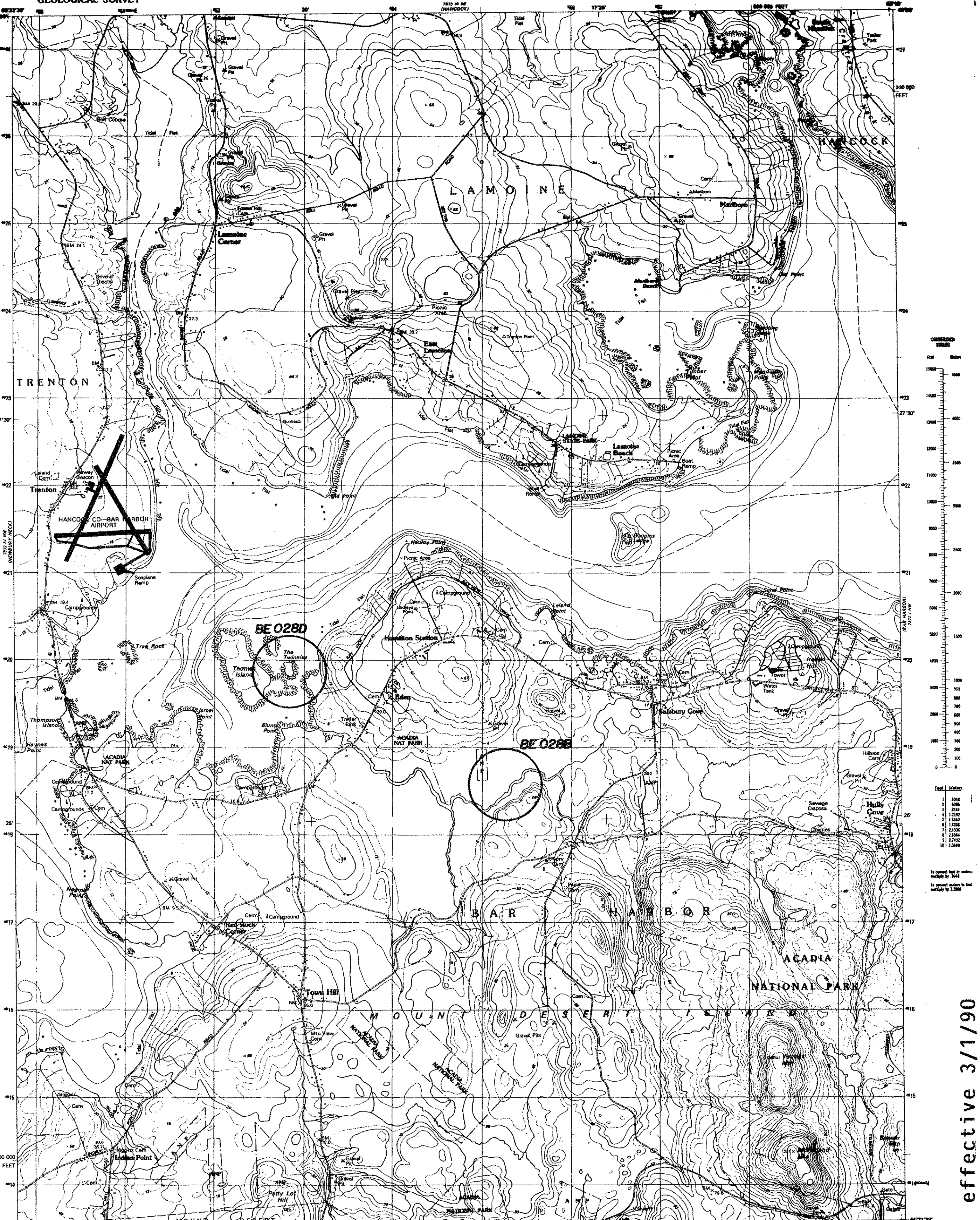
ROAD LEGEND
Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

SALMON STREAM LAKE, ME.
PROVISIONAL EDITION 1988
48068-F6-TF-024

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SALSBURY COVE QUADRANGLE
MAINE–HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1977. Map edited 1981

Selected hydrographic data compiled from NOS chart 13318 (1981)
This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 2 meters south and 46 meters west as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 6 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST METER
DEPTH CURVES AND SOUNDINGS IN METERS—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 3.2 METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION
Primary highway, hard surface .... Light-duty road, hard or improved surface ....
Secondary highway, hard surface .... Unimproved road ....
Interstate Route U. S. Route State Route

SALSBURY COVE, MAINE
NE/4 MOUNT DESERT 15' QUADRANGLE
N4422.5—W6815/7.5

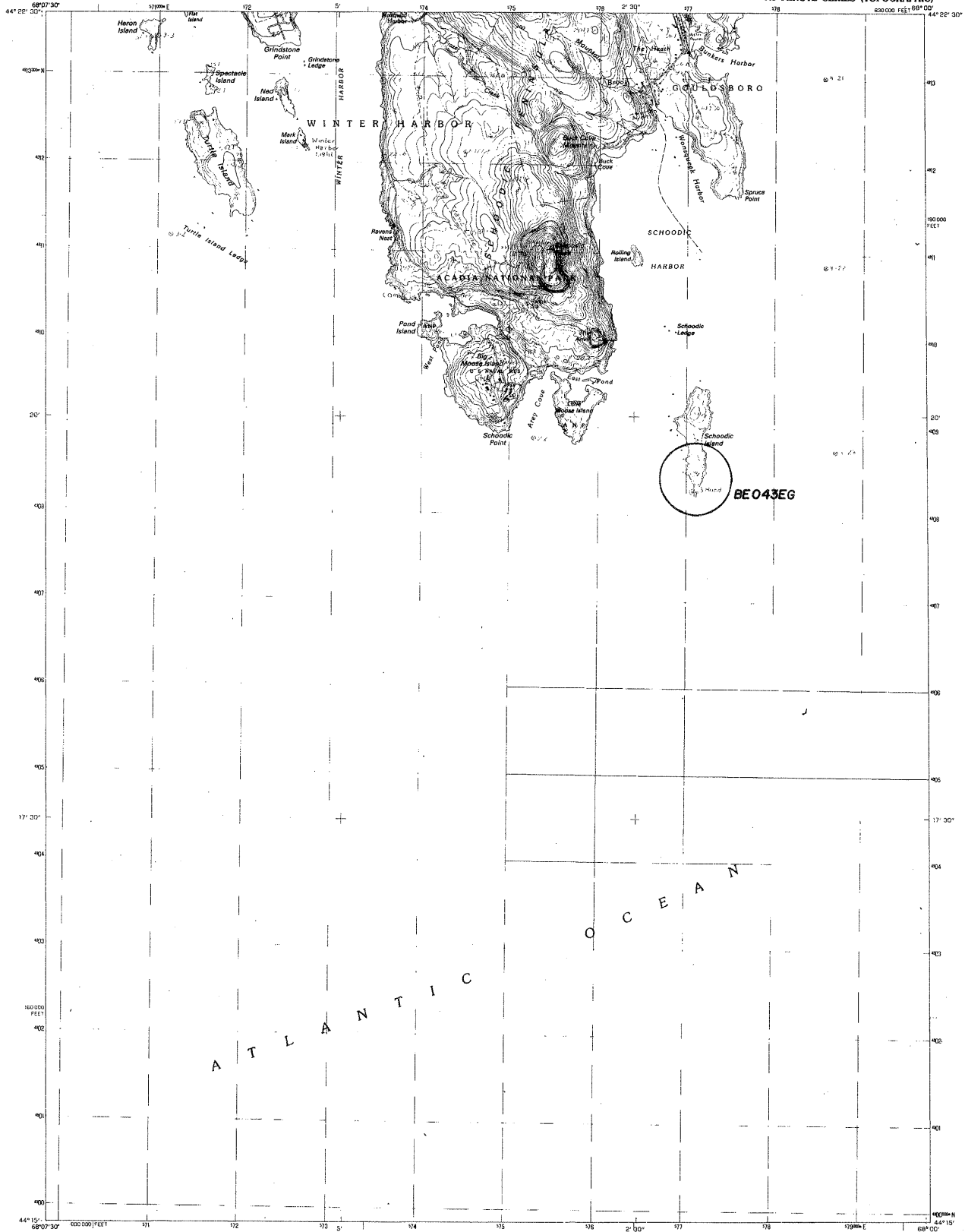
1981

DMA 7372 IV NE—SERIES V831

effective 3/1/90

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SCHOODIC HEAD QUADRANGLE
MAINE – HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
FIELD CHECKED ..... 1978 MAP EDITED 1984
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°59' EAST
1986 MAGNETIC NORTH DECLINATION ..... 19° WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 47 meters west)
There may be private inholdings within the boundaries of any National or State reservations shown on this map

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

SCALE 1:24 000

KILOMETERS 0 1 2
METERS 0 1000 2000
MILES 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000

CONTOUR INTERVAL 10 FEET
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT
To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Bar Harbor
2 Winter Harbor
3 Petit Manan Point
4 Seal Harbor
5
6 Baker Island
7
8
ADJOINING 7.5' QUADRANGLE NAMES

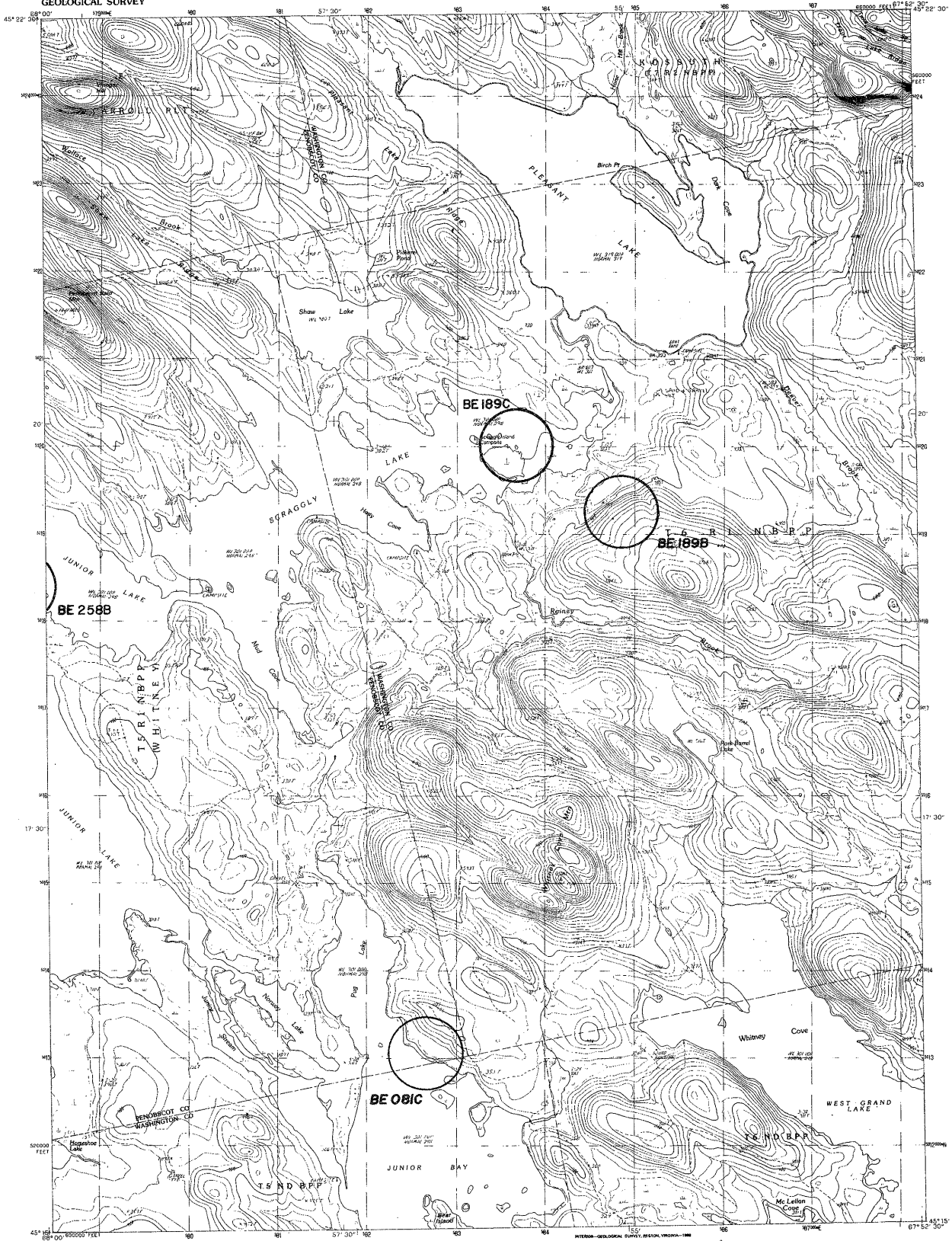
ROAD LEGEND
Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

SCHOODIC HEAD, MAINE
PROVISIONAL EDITION 1984
44068-C1-TF-024

effective 2/20/98

UNITED STATE
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SCRAGGLY LAKE QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984
FIELD CHECKED ..... 1986 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°45' EAST
1988 MAGNETIC NORTH DECLINATION ..... 15°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (47 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

SCRAGGLY LAKE, MAINE
PROVISIONAL EDITION 1988

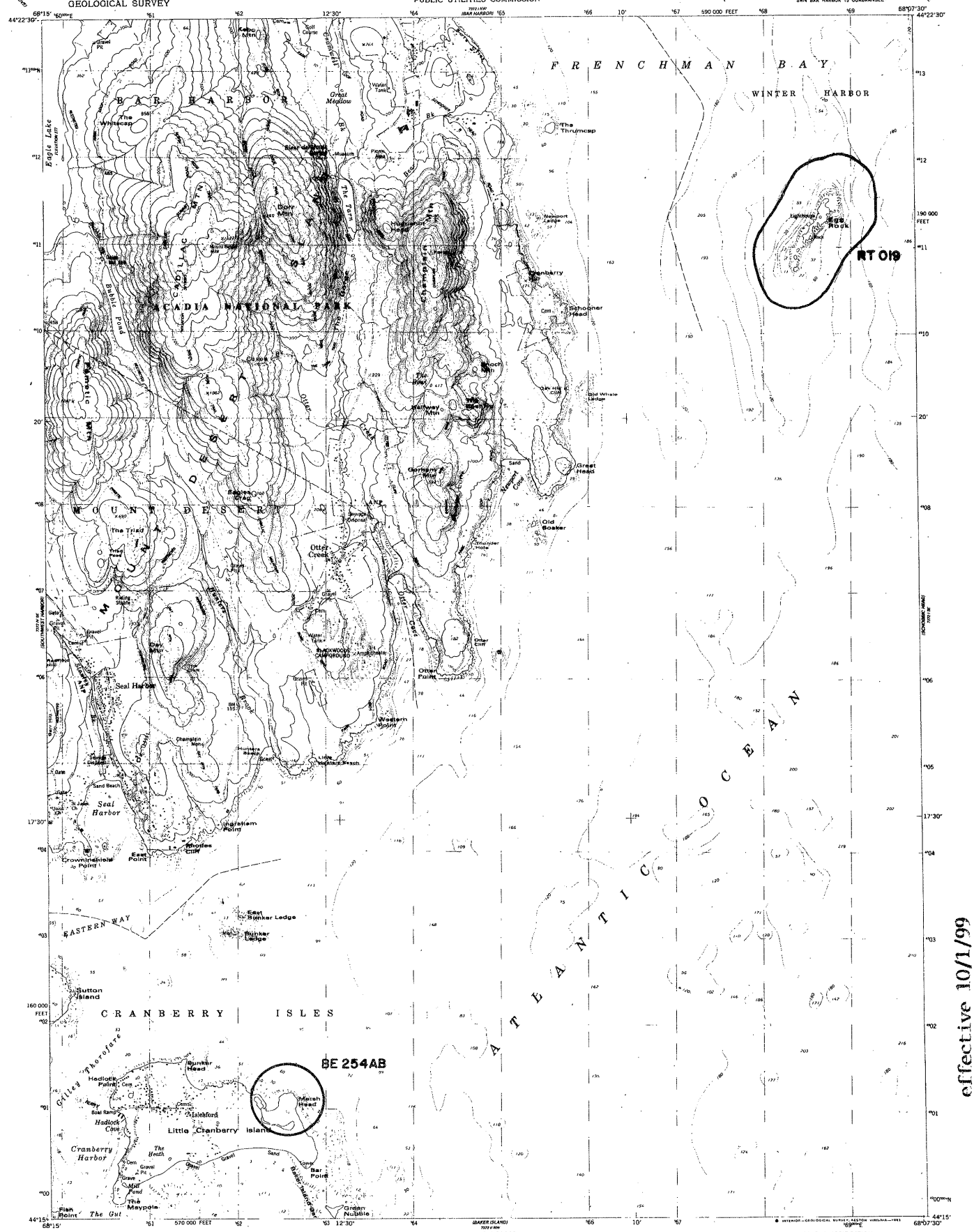
effective 2/20/98

Scraggly Lake,

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MAINE
PUBLIC UTILITIES COMMISSION

SEAL HARBOR QUADRANGLE
MAINE—HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 BAR HARBOR 15' QUADRANGLE



effective 10/1/99

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1977. Map edited 1983

Selected hydrographic data compiled from NOS chart 13318 (1981)
This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, east zone (transverse Mercator). 1000-meter Universal Transverse Mercator grid, zone 19. 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 1 meter south and 47 meters west as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 10.4 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

UTM GRID AND 1983 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

ROAD CLASSIFICATION

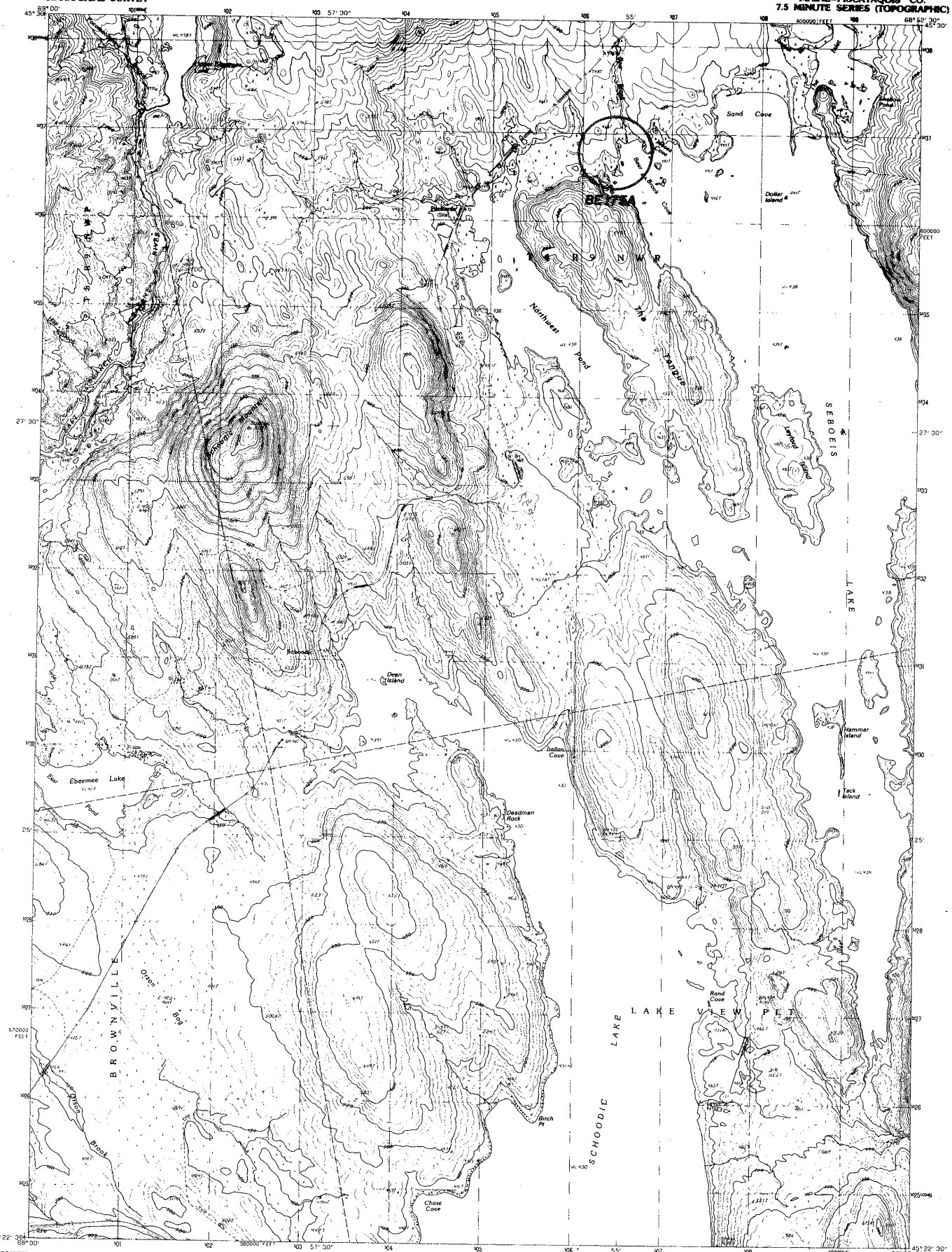
Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U.S. Route / State Route

QUADRANGLE LOCATION

SEAL HARBOR, MAINE
SW/4 BAR HARBOR 15' QUADRANGLE
44068-C2-TF-024

1983

DMA 7372 I SW—SERIES V811



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1962
FIELD CHECKED ..... 1984 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°03' EAST
1988 MAGNETIC NORTH DECLINATION ..... 17°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters south and 43 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000
MILES
FEET
KILOMETERS
METERS
CONTOUR INTERVAL 10 FEET
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Jo-Mary Mountain
2 Ragged Mountain
3 Cedar Lake
4 Ebeemee Mountain
5 Endless Lake
6 Brownville Junction
7 Mile North
8 Hardy Pond

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U. S. Route State Route

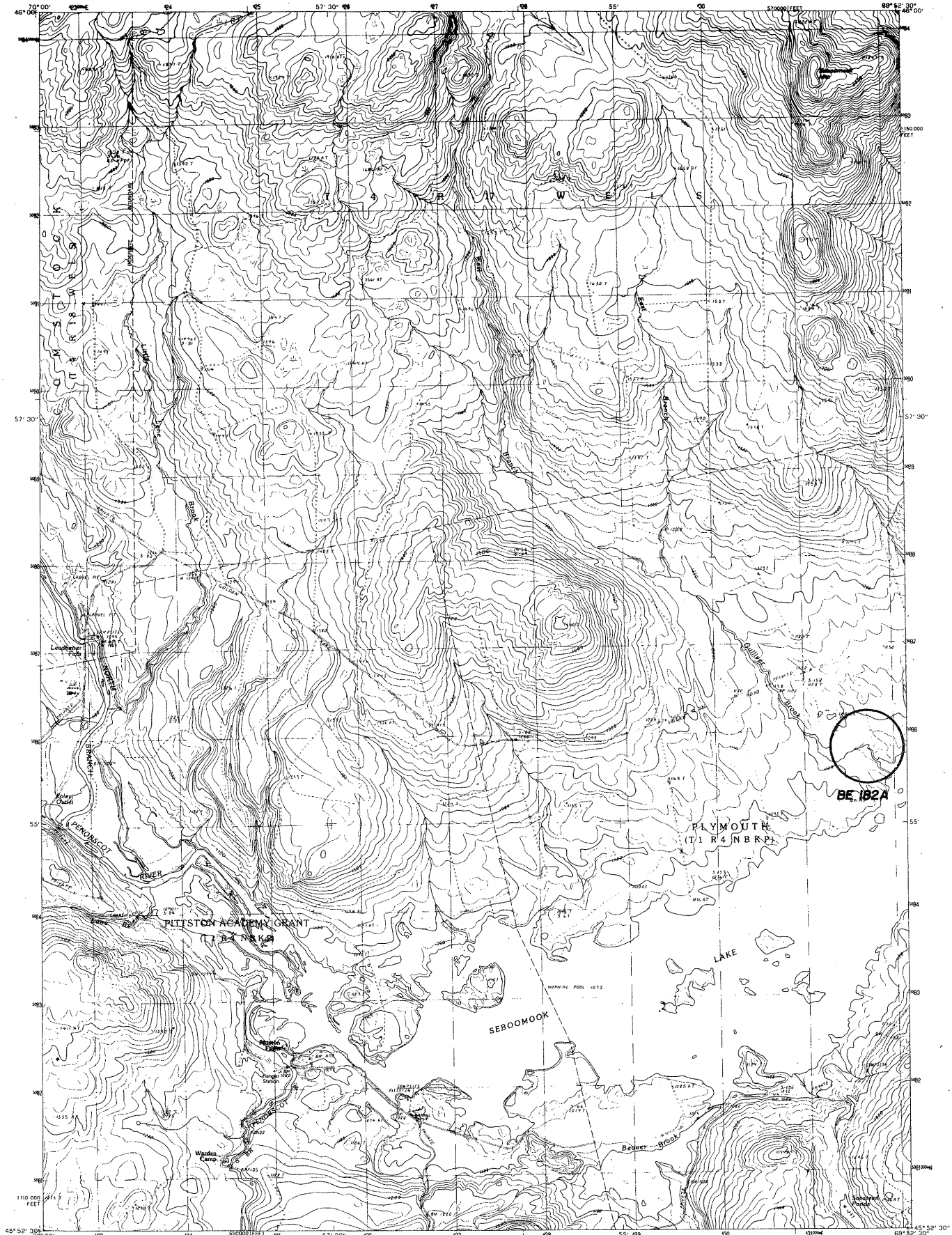
SEBOEIS LAKE, MAINE
PROVISIONAL EDITION 1988
DMA 5068 II NE—SERIES V843

Seboeis Lake, 1

effective 3/1/91

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SEBOOMOOK LAKE WEST QUADRANGLE
MAINE–SOMERSET CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1983
FIELD CHECKED ..... 1986 MAP EDITED 1989
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, WEST ZONE
UTM GRID DECLINATION ..... 0°40' WEST
1989 MAGNETIC NORTH DECLINATION ..... 18°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 41 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

KILOMETERS 0 1 2
METERS 0 1000 2000
MILES 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000

CONTOUR INTERVAL 20 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Norris Brook
2 St John Ponds
3 Russell Mountain
4 Foley Pond
5 Seboomook Lake East
6 Cassells Falls Lake
7 Tomhegan Pond
8 Secompo Bay

ADJOINING 7.5 QUADRANGLE NAMES

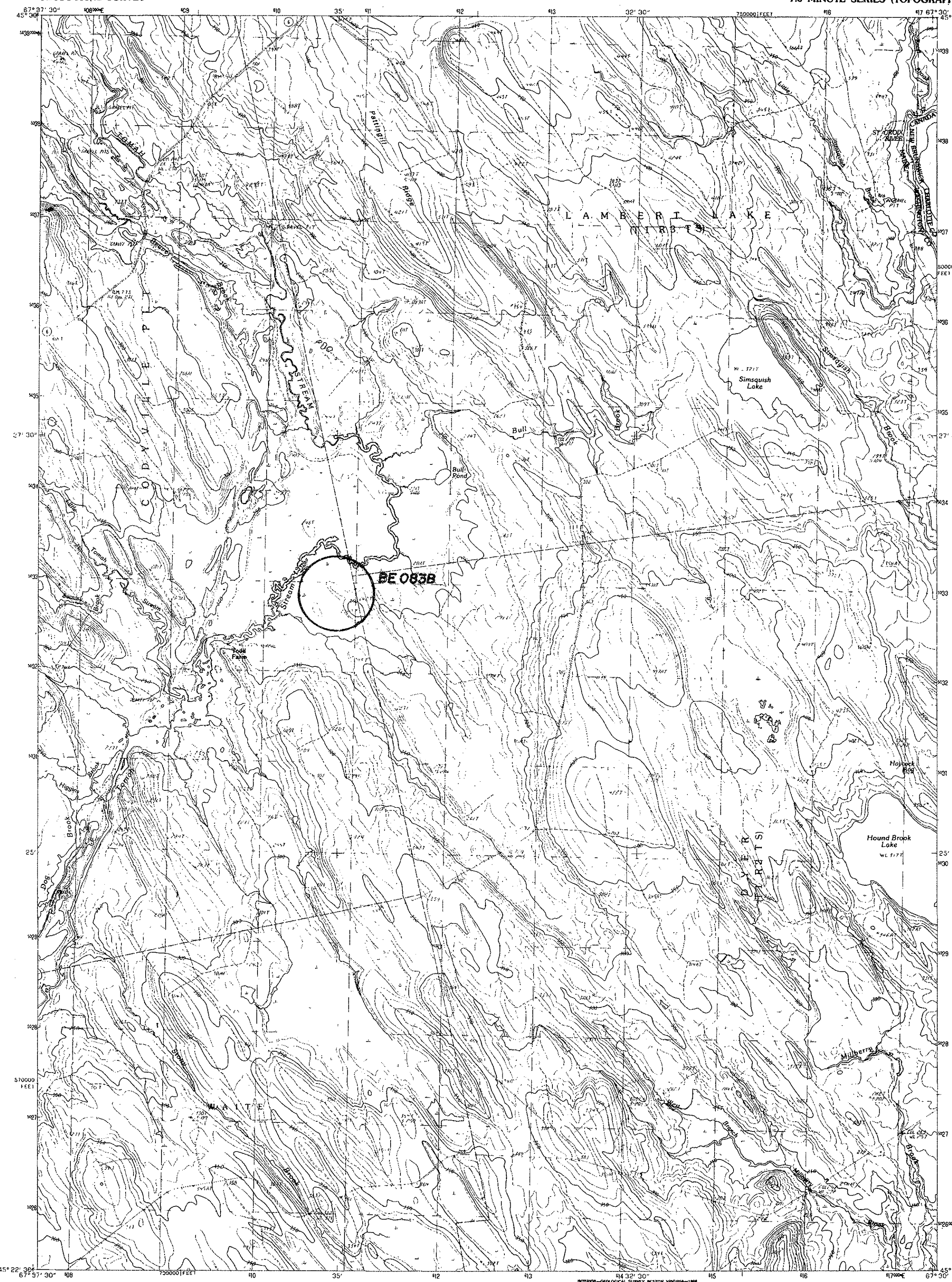
ROAD LEGEND
Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U.S. Route State Route

SEBOOMOOK LAKE WEST, MAINE
PROVISIONAL EDITION 1989
45069-H8-TF-024

effective 3/1/91

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SIMSQUISH LAKE QUADRANGLE
MAINE–NEW BRUNSWICK
7.5 MINUTE SERIES (TOPOGRAPHIC)



effective 2/20/98

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY .... USGS, NOS/NOAA, AND IBC
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984
FIELD CHECKED .... 1986 MAP EDITED 1988
PROJECTION .... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR .... ZONE 19
10,000-FOOT STATE GRID TICKS .... MAINE, EAST ZONE
UTM GRID DECLINATION .... 1°01' EAST
1988 MAGNETIC NORTH DECLINATION .... 19°30' WEST
VERTICAL DATUM .... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM .... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (47 meters west)

There may be private inholdings within the boundaries of any Federal or State reservations shown on this map

No distinction made between houses, barns, and other buildings

Canadian portion copied from Rollingdam Quadrangle (1:50,000) 1980, Department of Energy, Mines, and Resources

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET IN THE UNITED STATES
CONTOUR INTERVAL 10 METERS IN CANADA
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Forest
2 Lambert Lake
3 Vanceboro
4 Tomah Mountain
5 Leen Bay
6 Waite
7 Tomah Ridge
8 Kellyland

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road ....
Unimproved Road ....
Trail ....

Interstate Route U. S. Route State Route

SIMSQUISH LAKE, MAINE–N. B.
PROVISIONAL EDITION 1988
45067-D5-TF-024

Simsquish La
Contours

SMALL POINT 7.5'

SMALL POINT 7.5'

effective 5/31/95

[redacted]

[redacted]

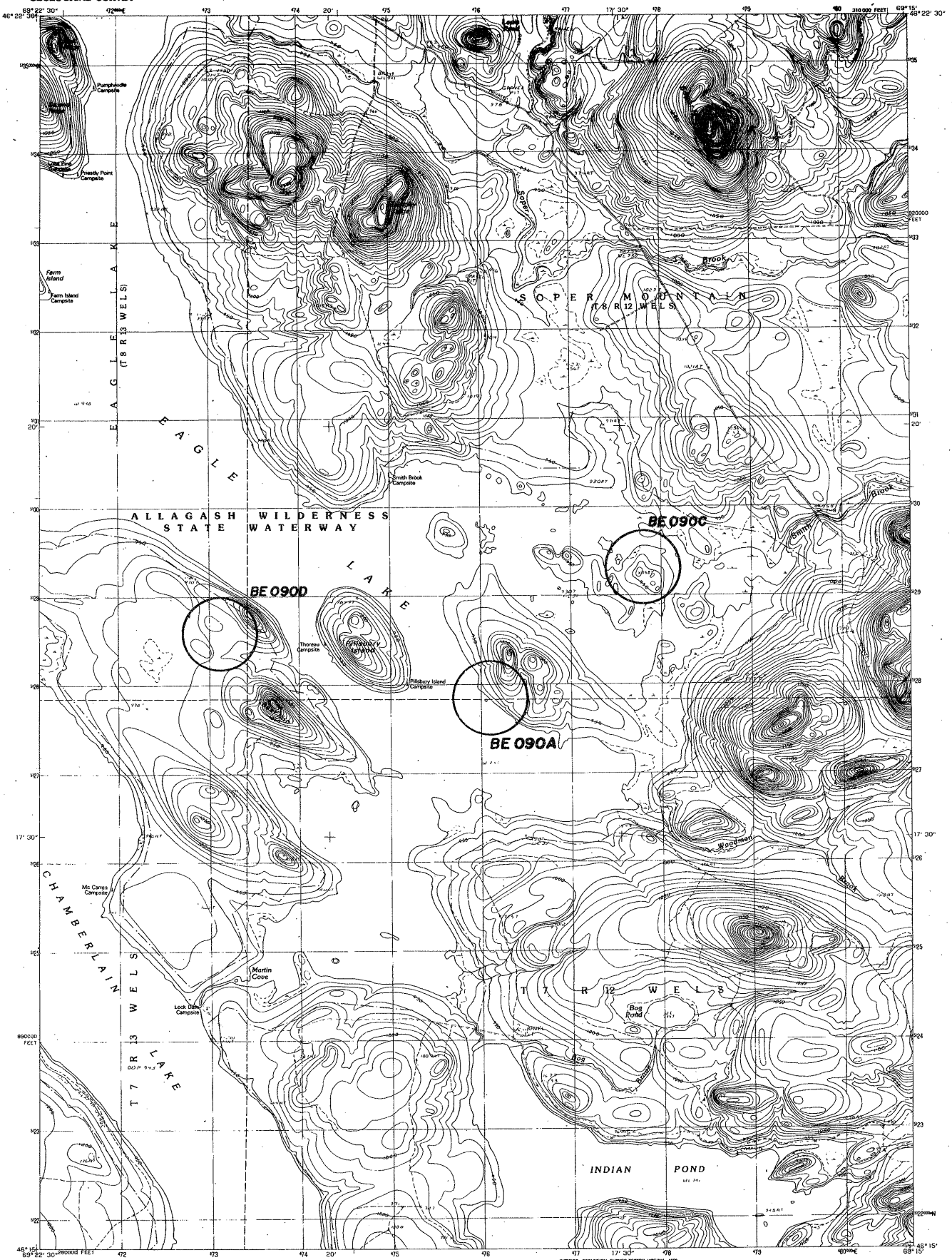
[redacted]

6B

SMALL POINT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SOPER MOUNTAIN QUADRANGLE
MAINE—PISCATAQUIS CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1965
FIELD CHECKED ..... 1965 MAP EDITED 1969
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°14' WEST
1969 MAGNETIC NORTH DECLINATION ..... 15°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meters south and 41 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

KILOMETERS 0 1 2
METERS 0 1000 2000
MILES 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000

CONTOUR INTERVAL 10 FEET

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1969

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Clarkson Pond
2 Churchill Lake
3 Spider Lake
4 Tramway
5 Haypack Lake
6 Longley Pond
7 Mud Pond
8 Telos Lake

ADJOINING 7½' QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route ⬡ U.S. Route ◯ State Route

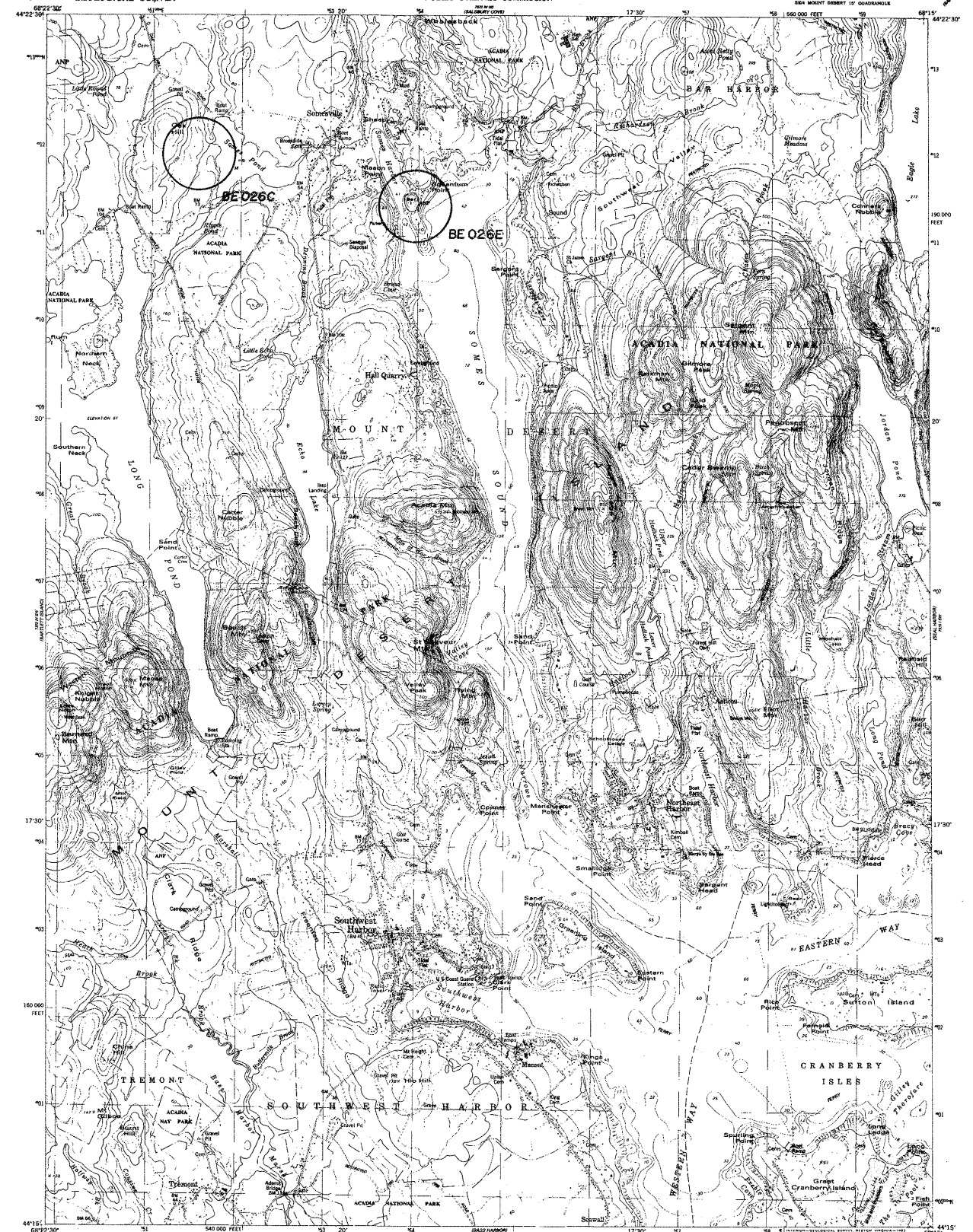
SOPER MOUNTAIN, MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)
Soper Mountain
45069-C3-TF-024

effective 3/1/91

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MAINE
PUBLIC UTILITIES COMMISSION

SOUTHWEST HARBOR QUADRANGLE
MAINE–HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
ESRI MOUNT DESERT 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1977. Map edited 1983

Selected hydrographic data compiled from NOS chart 13318 (1981)
This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, east zone (transverse Mercator). 1000-meter Universal Transverse Mercator grid, zone 19. 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 2 meters south and 46 meters west as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1983 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 10.4 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION

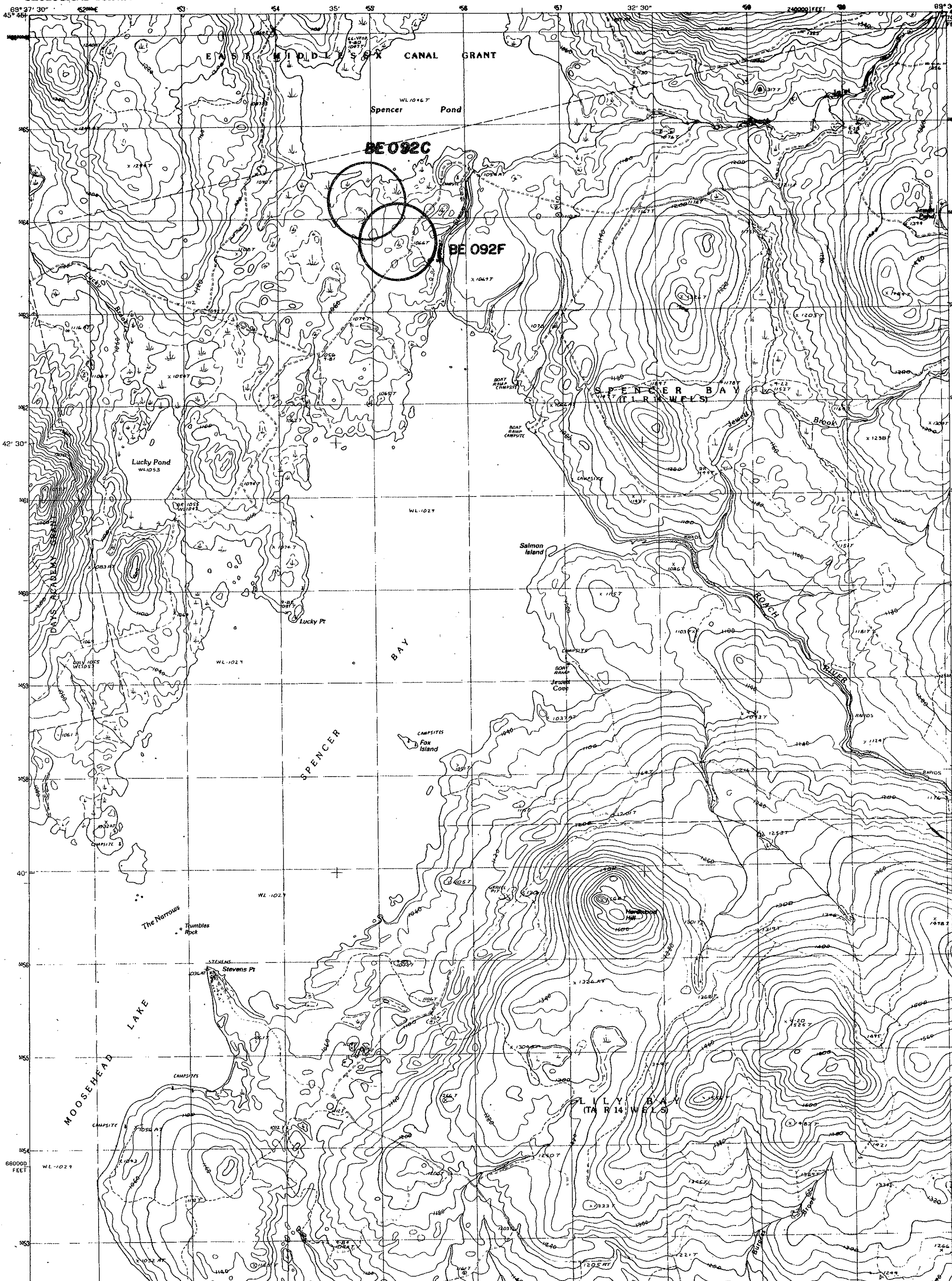
Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U. S. Route / State Route

SOUTHWEST HARBOR, MAINE*
ESRI MOUNT DESERT 15' QUADRANGLE
44068-C3-TF-024
1983
DMA 7372 IV SE–SERIES V811

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SPENCER BAY QUADRANGLE
MAINE-PISCATAQUIS CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



effective 5/23/94

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY .... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1986
FIELD CHECKED .... 1987. MAP EDITED 1989
PROJECTION .... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR .... ZONE 19
10,000-FOOT STATE GRID TICKS .... MAINE, EAST ZONE
UTM GRID DECLINATION .... 0°34' WEST
1989 MAGNETIC NORTH DECLINATION .... 19°30' WEST
VERTICAL DATUM .... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM .... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 42 meters west)

There may be private inholdings within the boundaries of any Federal or State reservations shown on this map

No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

NORTH

SCALE 1:24 000

KILOMETERS 1 .5 0 1 2
METERS 1000 0 1000 2000
MILES 1 .5 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000

CONTOUR INTERVAL 20 FEET

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1989

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 North East Carry
2 Lobster Mountain
3 Big Spencer Mtn.
4 Mount Kineo
5 Kokadjo
6 Moosehead
7 Lily Bay
8 Number Four Mtn.

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road ....
Unimproved Road ....
Trail ....

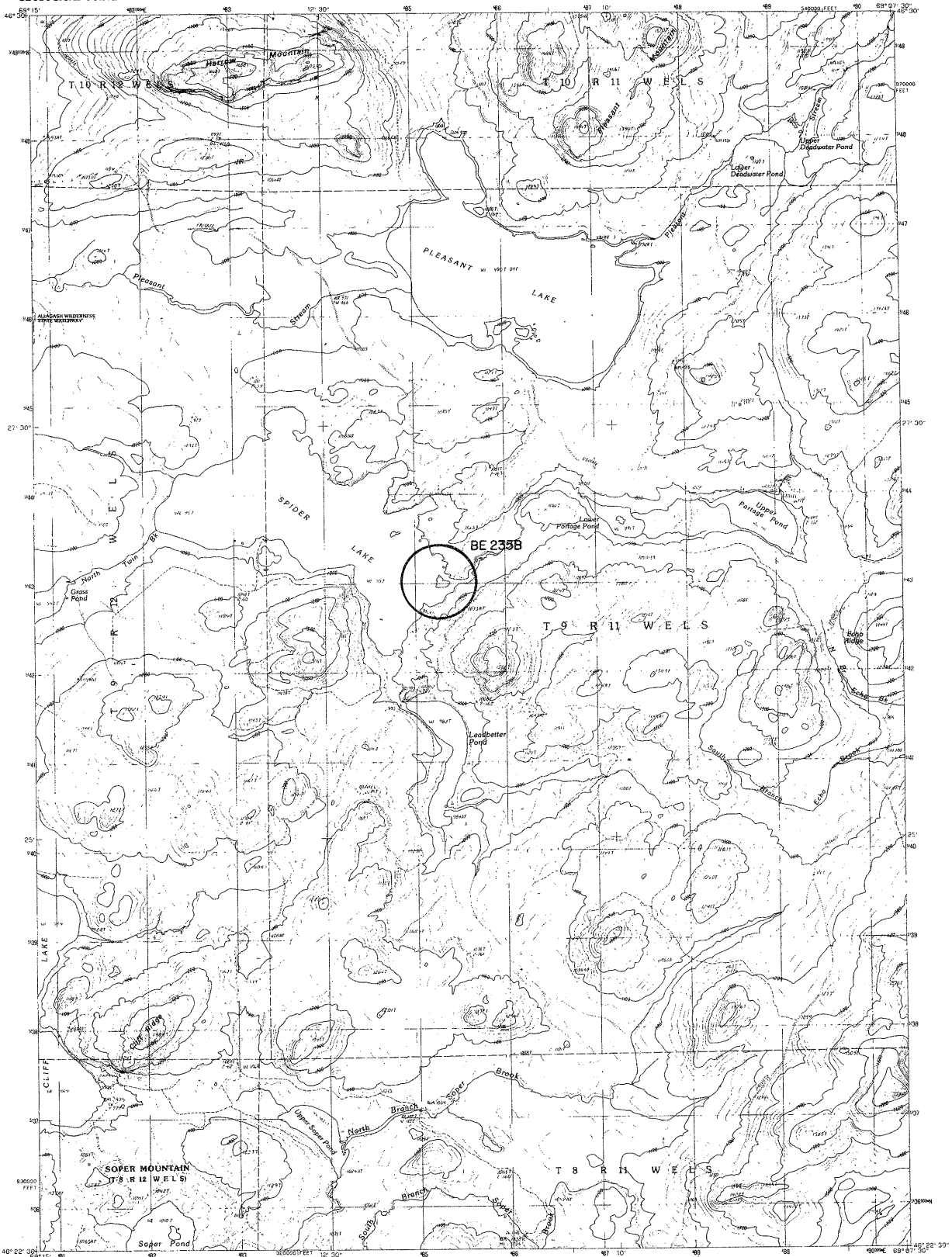
Interstate Route U. S. Route State Route

SPENCER BAY, MAINE
PROVISIONAL EDITION 1989
45069-F5-TF-024
MOOSEHEAD LAKE NE, ME

Spencer Ba

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SPIDER LAKE QUADRANGLE
MAINE-PISCATAQUIS CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1982
FIELD CHECKED ..... 1985. MAP EDITED 1989
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
1.7th GRID DECLINATION ..... 0°00' WEST
1989 MAGNETIC NORTH DECLINATION ..... 19°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 41 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

KILOMETERS 0 1 2
METERS 0 1000 2000
MILES 0 .5 1
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10,000
FEET

CONTOUR INTERVAL 20 FEET

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Umsaskis Lake East
2 Third Musquacook Lake
3 Fifth Musquacook Lake
4 Churchill Lake
5 Chase Lake
6 Soper Mountain
7 Haymock Lake
8 Beatie Mountain

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND

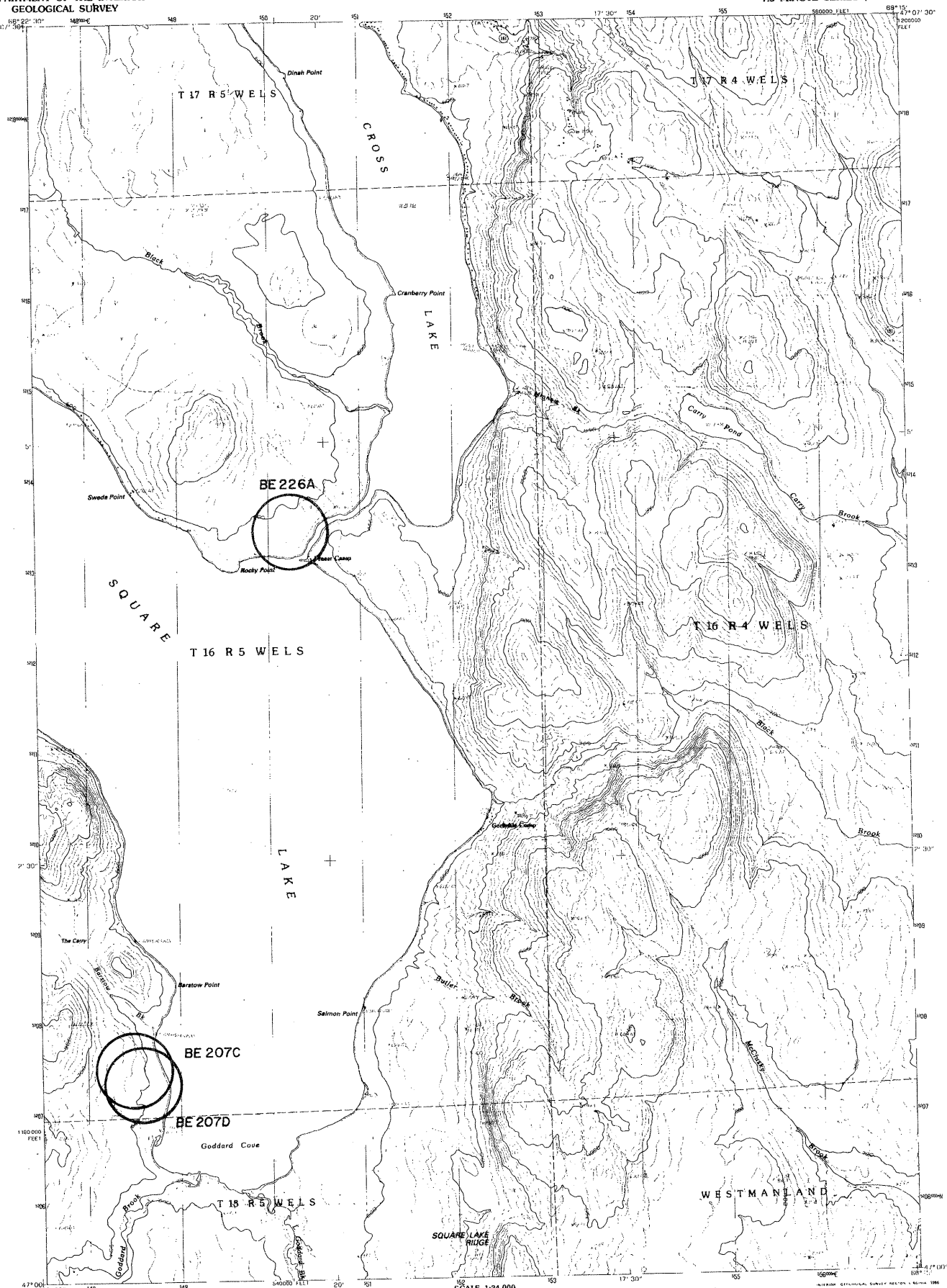
Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

SPIDER LAKE, MAINE
PROVISIONAL EDITION 1989
46069-D2-TF-024

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SQUARE LAKE EAST QUADRANGLE
MAINE–AROOSTOOK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:24 000

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1982
FIELD CHECKED ..... 1984 MAP EDITED 1986
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°30' EAST
1986 MAGNETIC NORTH DECLINATION ..... 21°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 40 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

CONTOUR INTERVAL 20 FEET
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Dakin
2 St Agatha
3 Paulette Brook
4 Square Lake West
5 Stockholm
6 McClusky Lake
7 Hansford
8 Mud Lake

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND

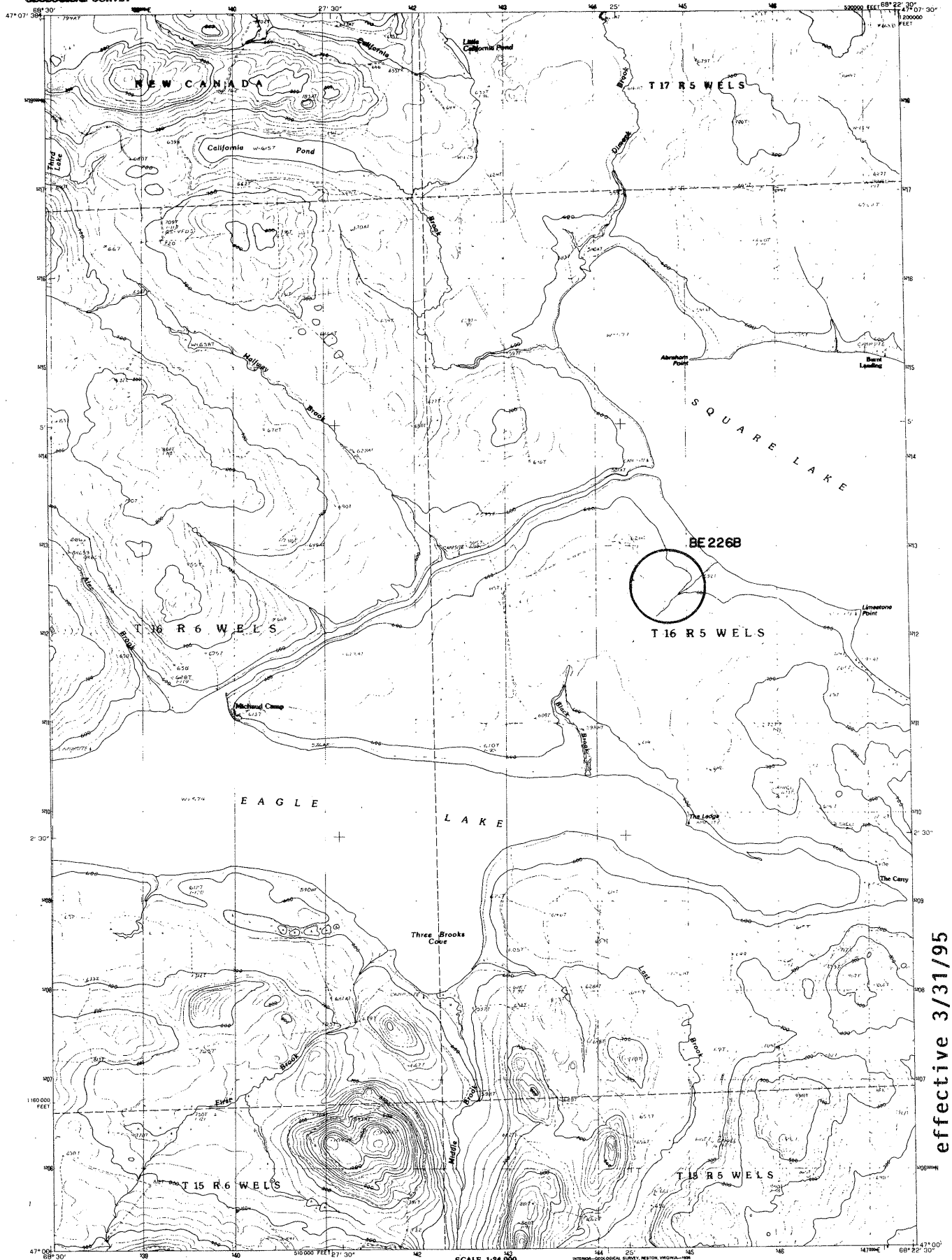
Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

SQUARE LAKE EAST, MAINE
PROVISIONAL EDITION 1986
47068-A3-TF-024

effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SQUARE LAKE WEST QUADRANGLE
MAINE–AROOSTOOK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



effective 3/31/95

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photorevision.

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

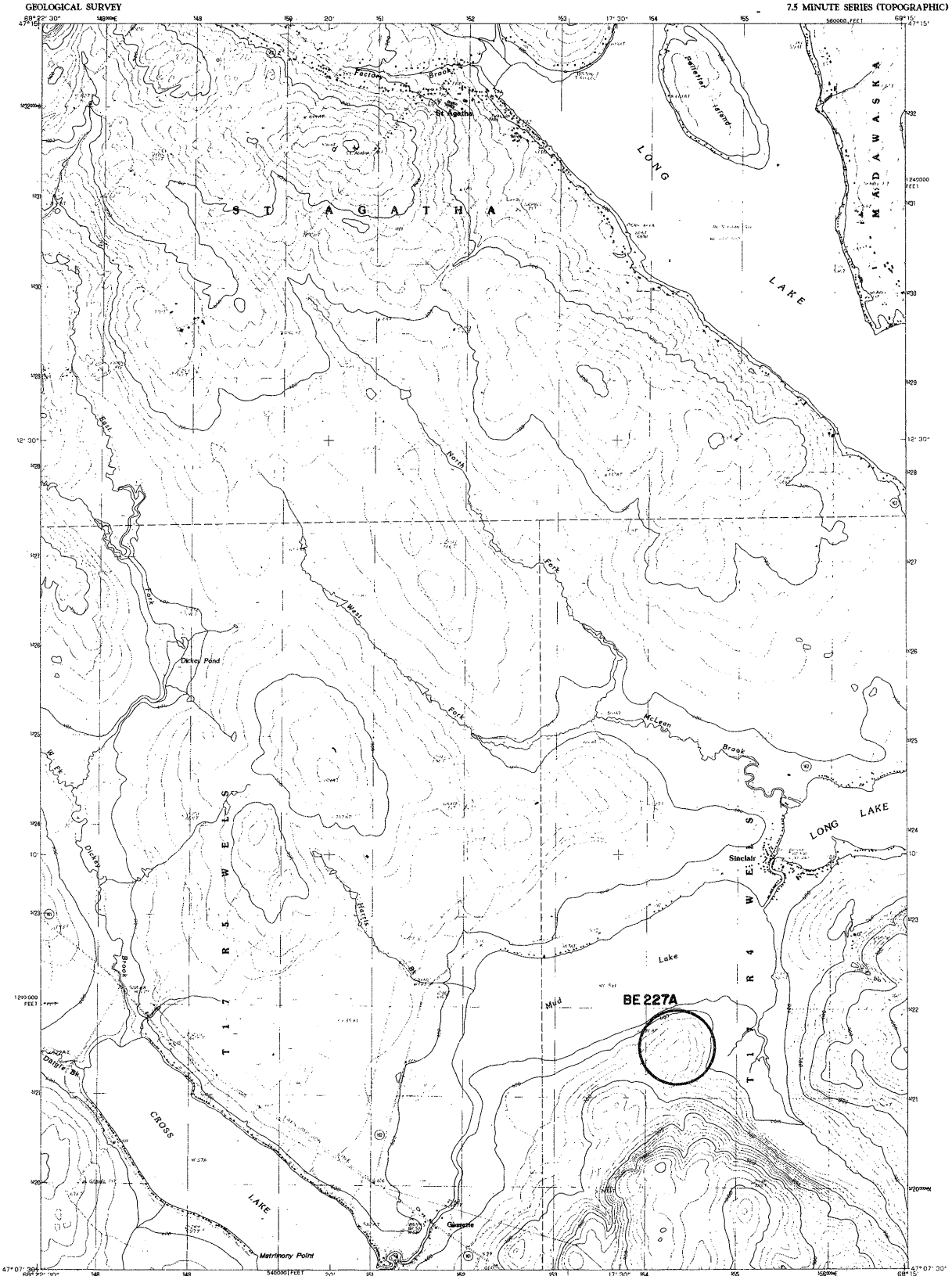
1 Fort Kent South
2 Dickey
3 St. Agatha
4 Eagle Lake
5 Square Lake East
6 Winterville
7 McCluskey Lake
8 Standard

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route
U. S. Route
State Route

SQUARE LAKE WEST, MAINE
PROVISIONAL EDITION 1986

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ST AGATHA QUADRANGLE
MAINE-AROOSTOOK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1982
FIELD CHECKED ..... 1984 MAP EDITED 1986
PROJECTION ..... TRANSVERSE MERCATOR
GRID 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°30' EAST
THE MAGNETIC NORTH DECLINATION ..... 21.0° WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter east and 41 meters west)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
CONTOUR ELEVATIONS SHOWN TO THE NEAREST 5½ FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Presque Isle
2 Caribou
3 Caribou NW
4 Limestone
5 Fort Kent
6 Dickey
7 Madawaska
8 Frenchville

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U.S. Route State Route

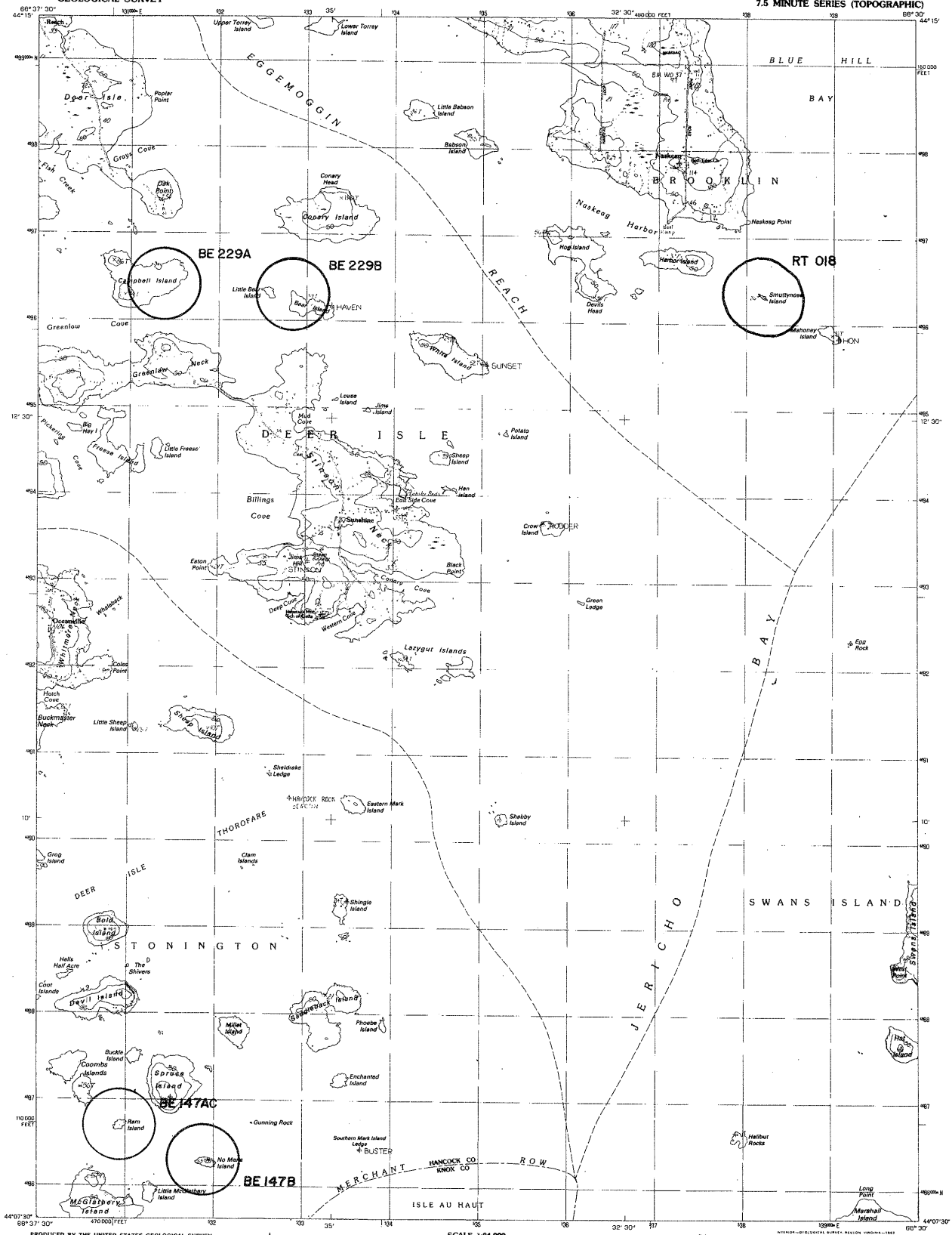
ST AGATHA, MAINE
PROVISIONAL EDITION 1986

47068-B3-TP-024

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STINSON NECK QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
FIELD CHECKED ..... 1980 MAP EDITED 1983
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°18' EAST
1983 MAGNETIC NORTH DECLINATION ..... 16°W WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters south and 46 meters west)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

SCALE 1:24 000

1 0 1 2 KILOMETERS
1000 0 1000 2000 METERS
1 0 1 MILES
5000 0 5000 10 000 FEET

CONTOUR INTERVAL 10 FEET

To convert meters to feet multiply by 3.2800
To convert feet to meters multiply by .3048

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1. Sargentville
2. Brooklin
3. Bartlett Island
4. Deer Isle
5. Stinson Island
6. Isle au Haut West
7. Isle au Haut East
8. Johns Island

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

STINSON NECK, MAINE
PROVISIONAL EDITION 1983

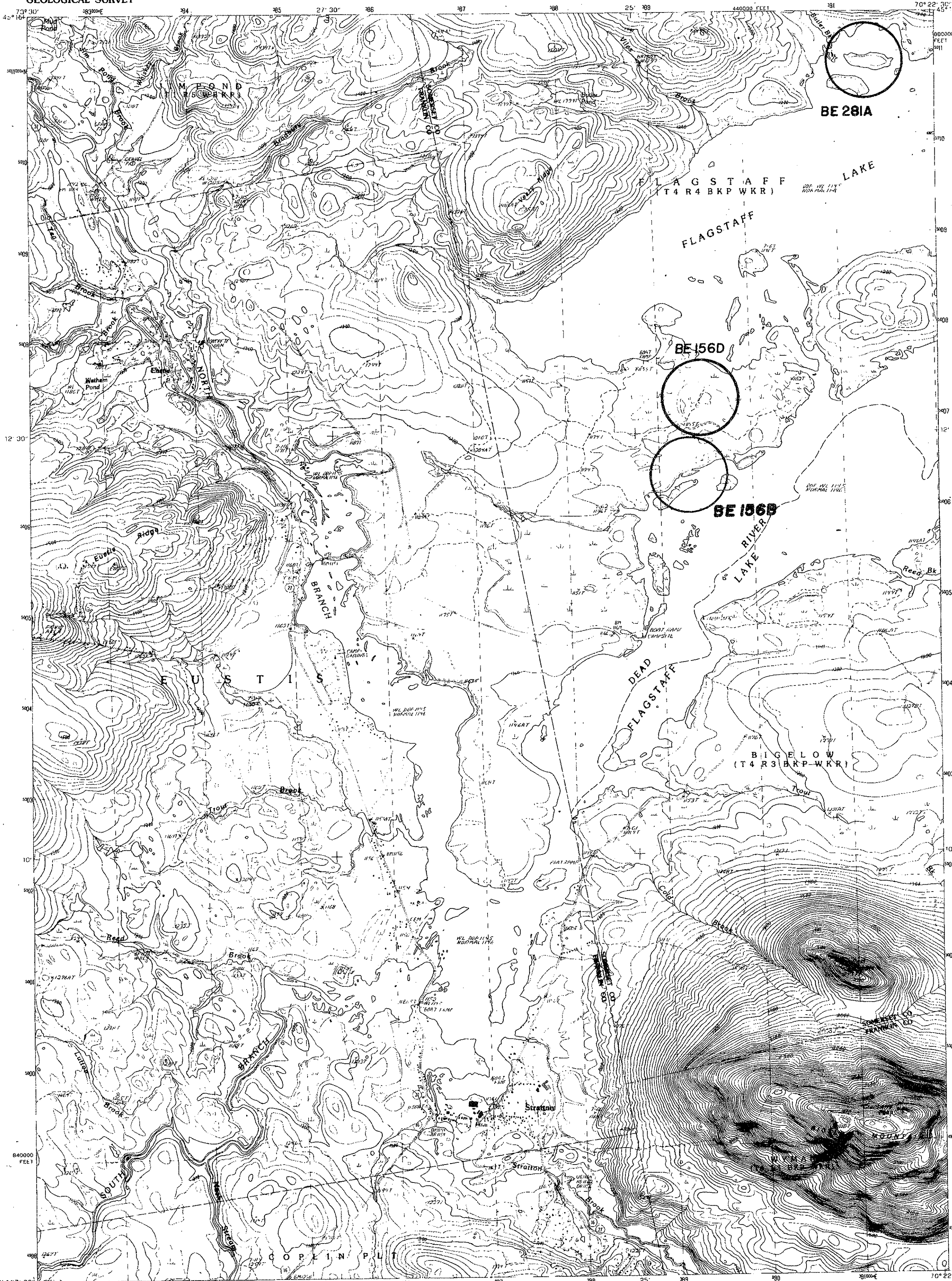
44069-B5-TF-024

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1983

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATTON QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA 1989

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY .... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1983
FIELD CHECKED .... 1987. MAP EDITED 1989
PROJECTION .... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR .... ZONE 19
10,000-FOOT STATE GRID TICKS .... MAINE, WEST ZONE
UTM GRID DECLINATION .... 1°01' WEST
1989 MAGNETIC NORTH DECLINATION .... 18°00' WEST
VERTICAL DATUM .... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM .... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters south and 40 meters west)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

NORTH

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography. 1

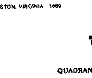
SCALE 1:24 000

KILOMETERS 1 .5 0 1 2
METERS 1000 0 1000 2000
MILES 1 .5 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000

CONTOUR INTERVAL 20 FEET

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092



QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Jim Pond
2 King and Bartlett Mtn.
3 King and Bartlett Lake
4 Tim Mountain
5 The Horns
6 Quill Hill
7 Black Nubble
8 Sugarloaf Mtn.

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road ....
Unimproved Road ....
Trail ....

Interstate Route U. S. Route State Route

STRATTON, MAINE
PROVISIONAL EDITION 1989
45070-B4-TF-024

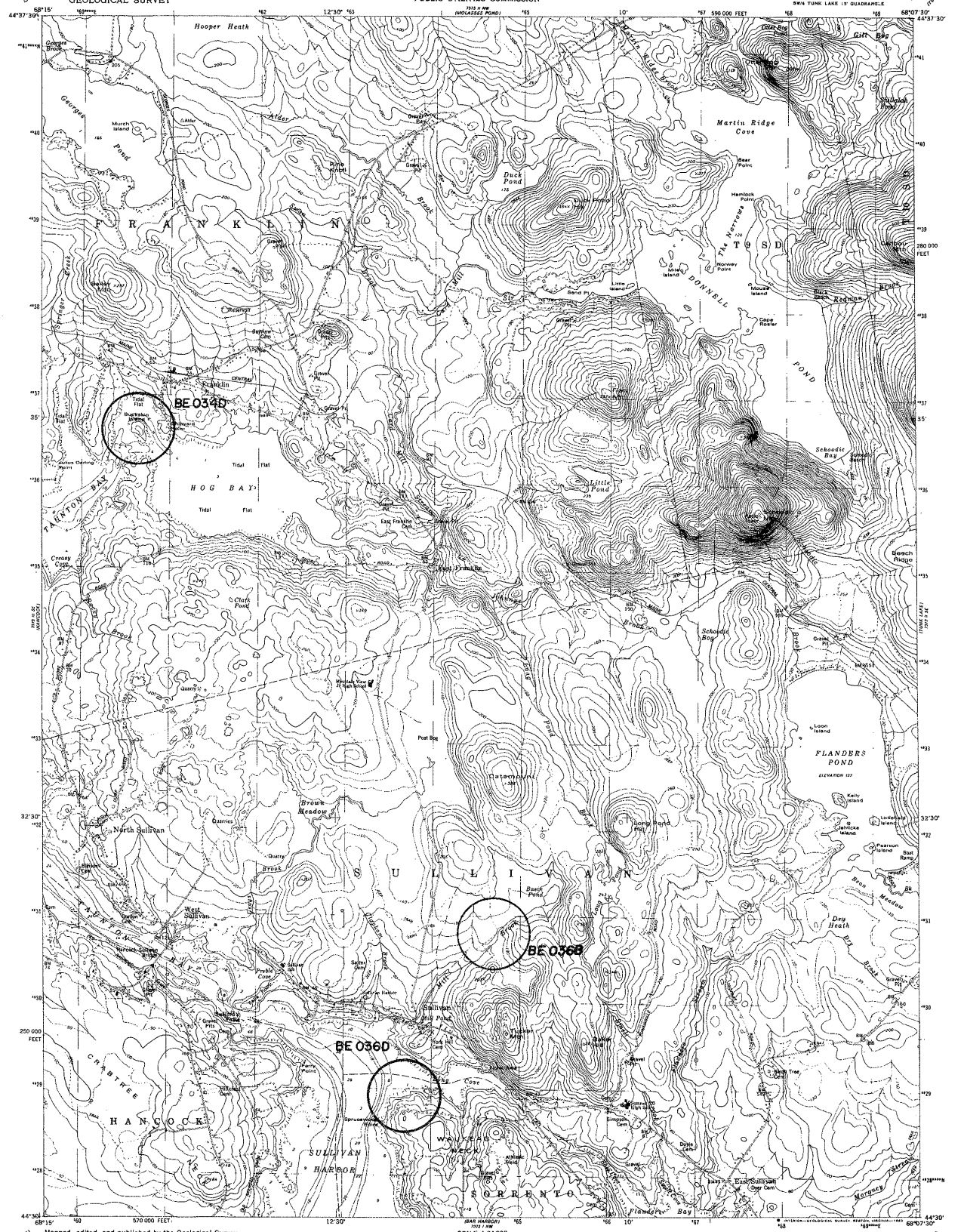
effective 10/1/99

Stratton Me.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MAINE
PUBLIC UTILITIES COMMISSION

SULLIVAN QUADRANGLE
MAINE–HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 TUNK LAKE 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1978. Map edited 1982

Selected hydrographic data compiled from NOS chart 13318 (1981)
This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 1 meter south and 47 meters west as shown by dashed corner ticks

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 10.5 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

UTM GRID AND 1982 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U. S. Route / State Route

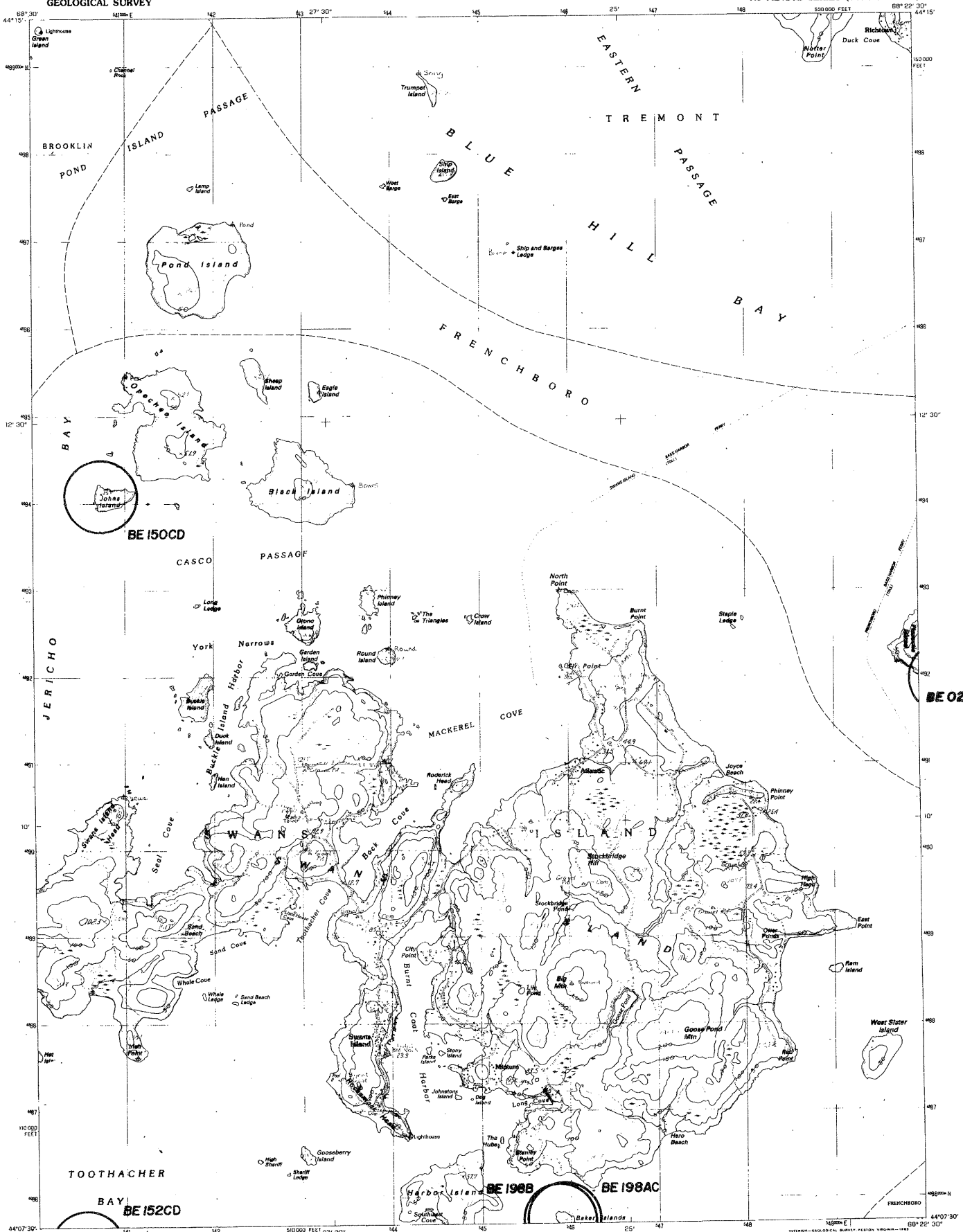
SULLIVAN, MAINE *
SW/4 TUNK LAKE 15' QUADRANGLE
N4430—W6807.5/7.5
1982
DMA 7573 II SW—SERIES V811

* (no written symbols !)

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SWANS ISLAND QUADRANGLE
MAINE–HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
FIELD CHECKED ..... 1980 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°W, EAST
1983 MAGNETIC NORTH DECLINATION ..... 16°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters south and 65 meters west)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

SCALE 1:24 000

KILOMETERS 0 1 2
METERS 0 1000 2000
MILES 0 1/2 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

CONTOUR INTERVAL 10 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Brooklin
2 Bartlett Island
3 Southwest Harbor
4 Stinson Neck
5 Bass Harbor
6 Isle au Haut East
7 Johns Island
8 Frenchboro

ADJOINING 7.5' QUADRANGLE NAMES

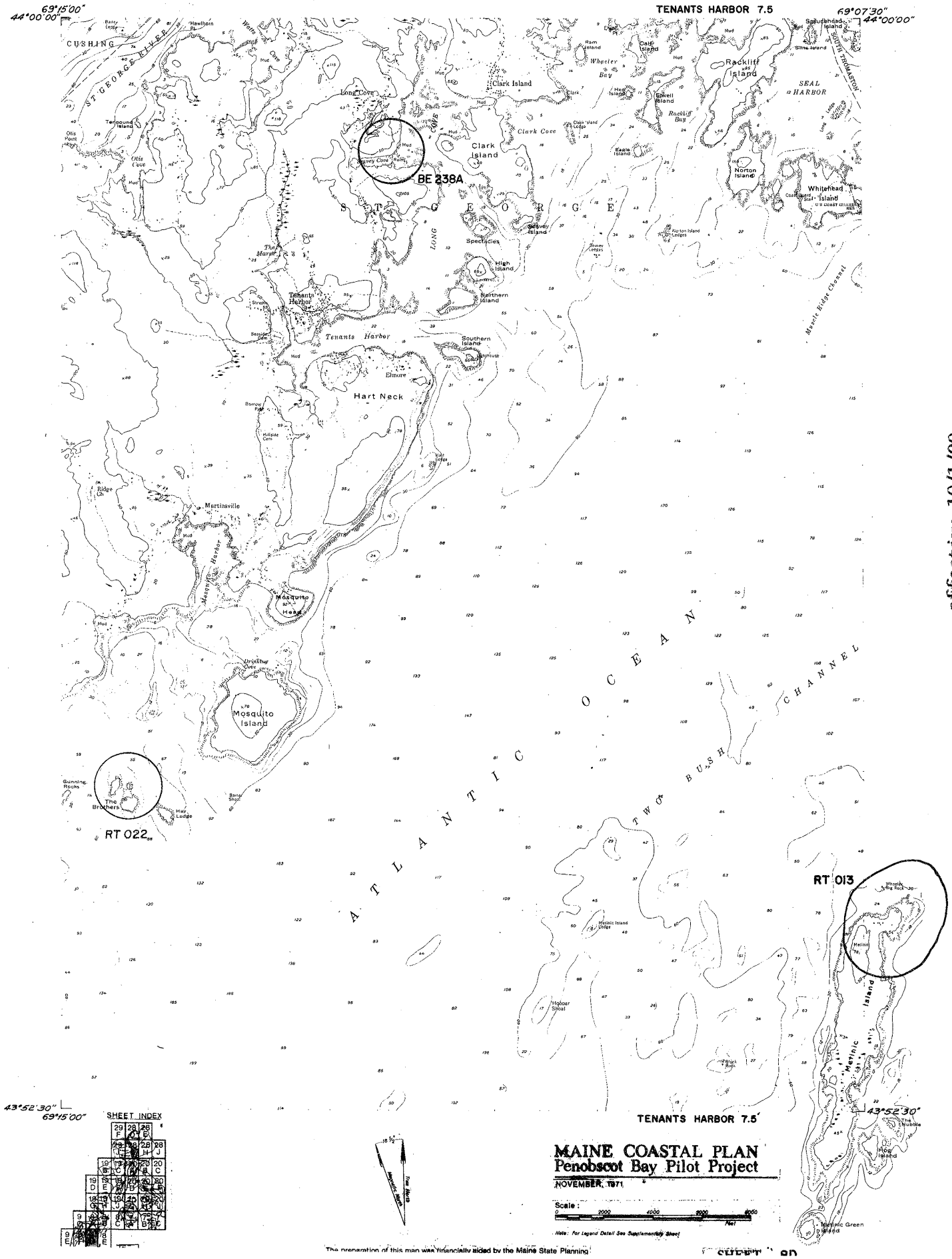
ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

SWANS ISLAND, MAINE
PROVISIONAL EDITION 1983

44068-B4-TF-024

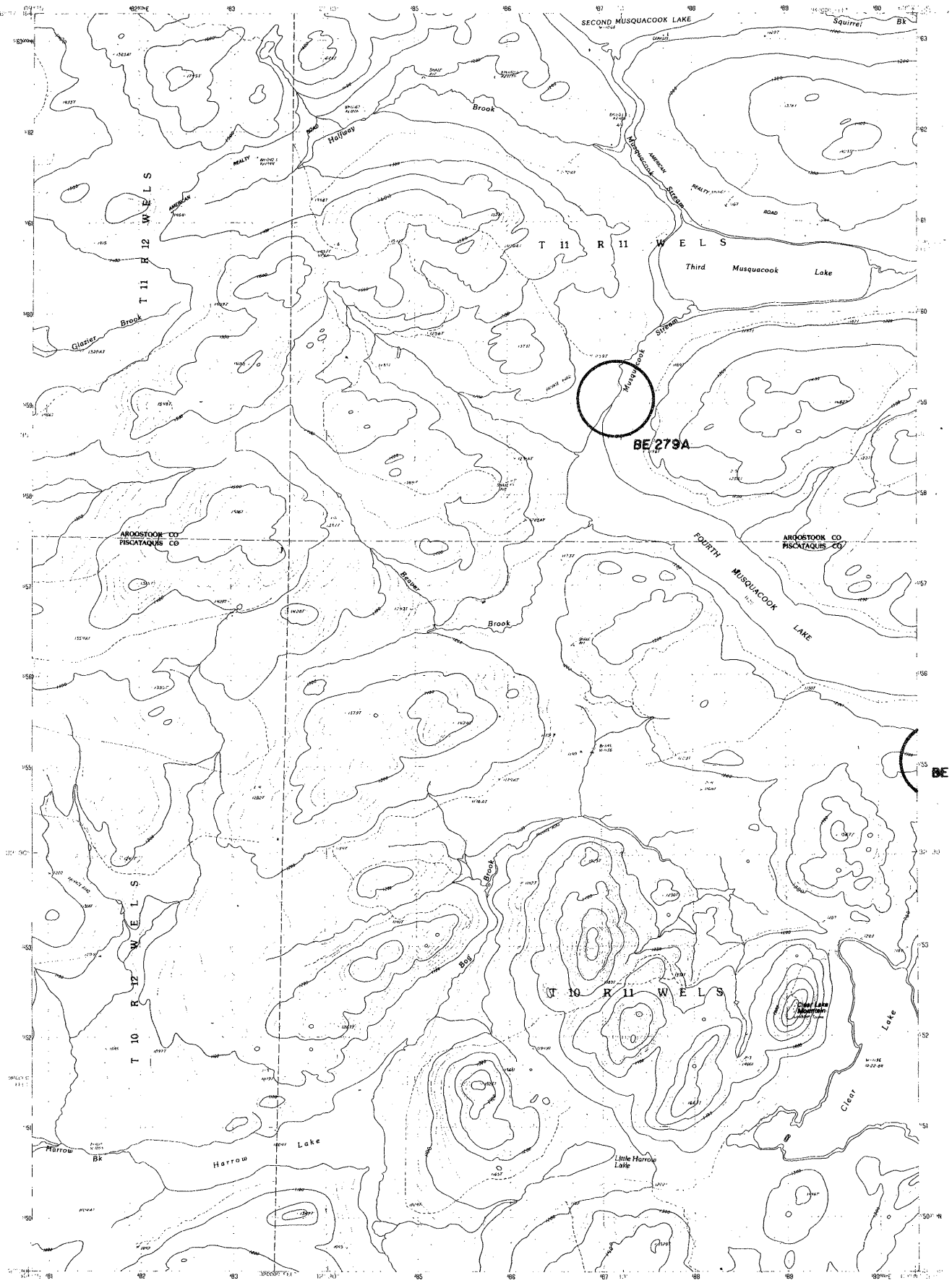
effective 10/1/99



effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

THIRD MUSQUACOOK LAKE QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA 1986

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1982
FIELD CHECKED ..... 1986. MAP EDITED 1986
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
LITH GRID DECLINATION ..... 0°00' WEST
1986 MAGNETIC NORTH DECLINATION ..... 20°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 40 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET
1 0 1 KILOMETERS
1000 0 1000 2000 METERS

CONTOUR INTERVAL 20 FEET
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

MAINE

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Cuddle Islands
2 Four Musquacook Lake
3 Upper McNally Pond
4 Lowenskin Lake East
5 Fifth Musquacook Lake
6 Churchill Lake
7 Spider Lake
8 Chase Lake

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND

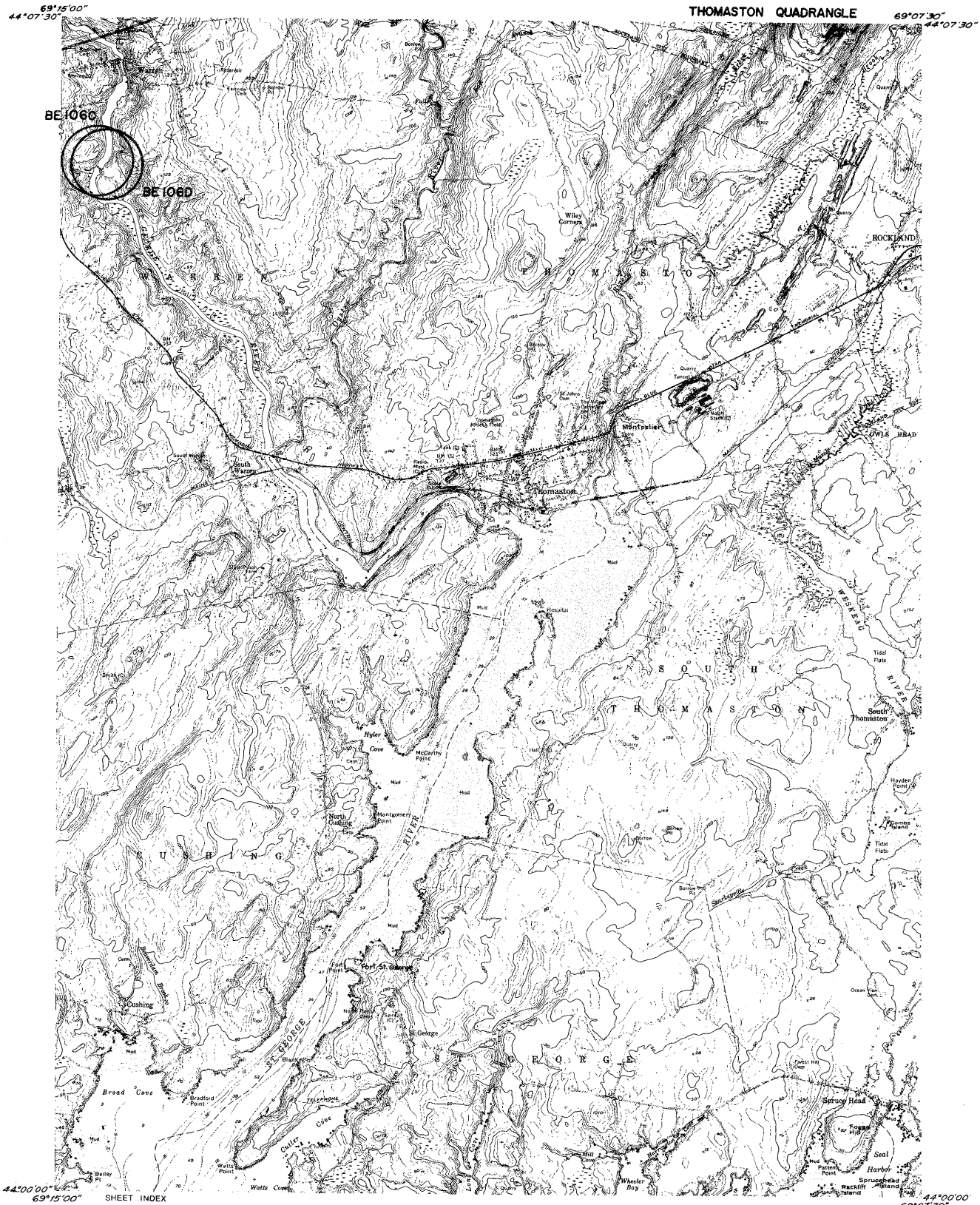
Improved Road .....
Unimproved Road .....
Trail .....

Interstate Route U. S. Route State Route

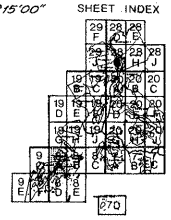
THIRD MUSQUACOOK LAKE, MAINE
PROVISIONAL EDITION 1986

46069-E2-TF-024

effective 10/1/99



SHEET INDEX



THOMASTON 7.5'

18½°

Magnetic North

True North

MAINE COASTAL PLAN
Penobscot Bay Pilot Project

NOVEMBER, 1971

Scale : 0 2000 4000 6000 8000 Feet

Note For Legend Detail See Supplementary Sheet

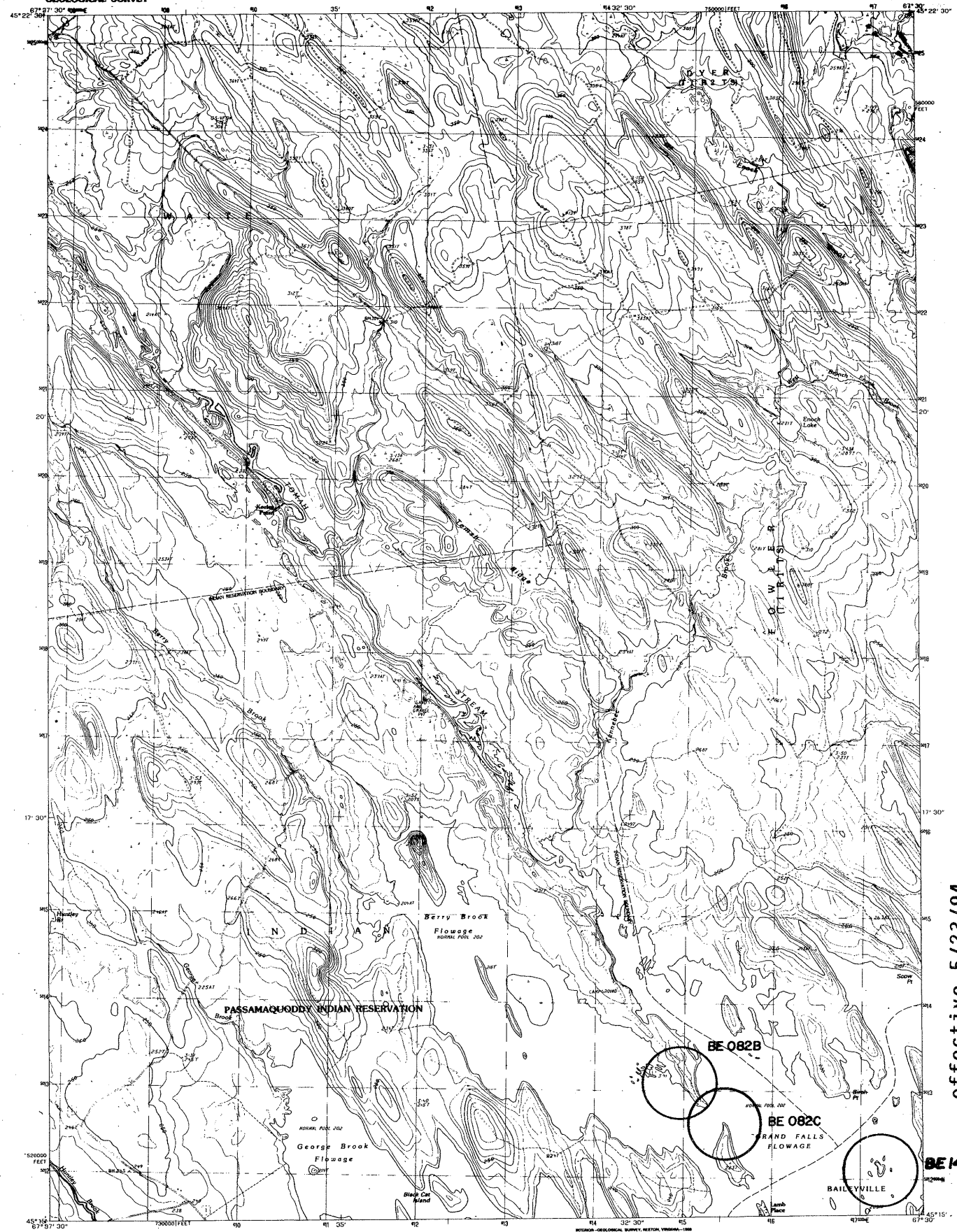
The preparation of this map was financially aided by the Maine State Planning Office, and through a Federal Grant from the Water Resources Council.

SHEET 8A

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TOMAH RIDGE QUADRANGLE
MAINE—WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



effective 5/23/94

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984
FIELD CHECKED ..... 1986 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 17°E' EAST
1988 MAGNETIC NORTH DECLINATION ..... 19°29' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (68 meters east)
There may be private inholdings within the boundaries of any Federal or State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000
MILES
FEET
KILOMETERS
METERS
CONTOUR INTERVAL 10 FEET
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Tomah Mountain
2 Simmonds Lake
3 Lane Bay
4 Wade
5 Kelleland
6 Big Lake
7 Princeton
8 Woodland

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U.S. Route State Route

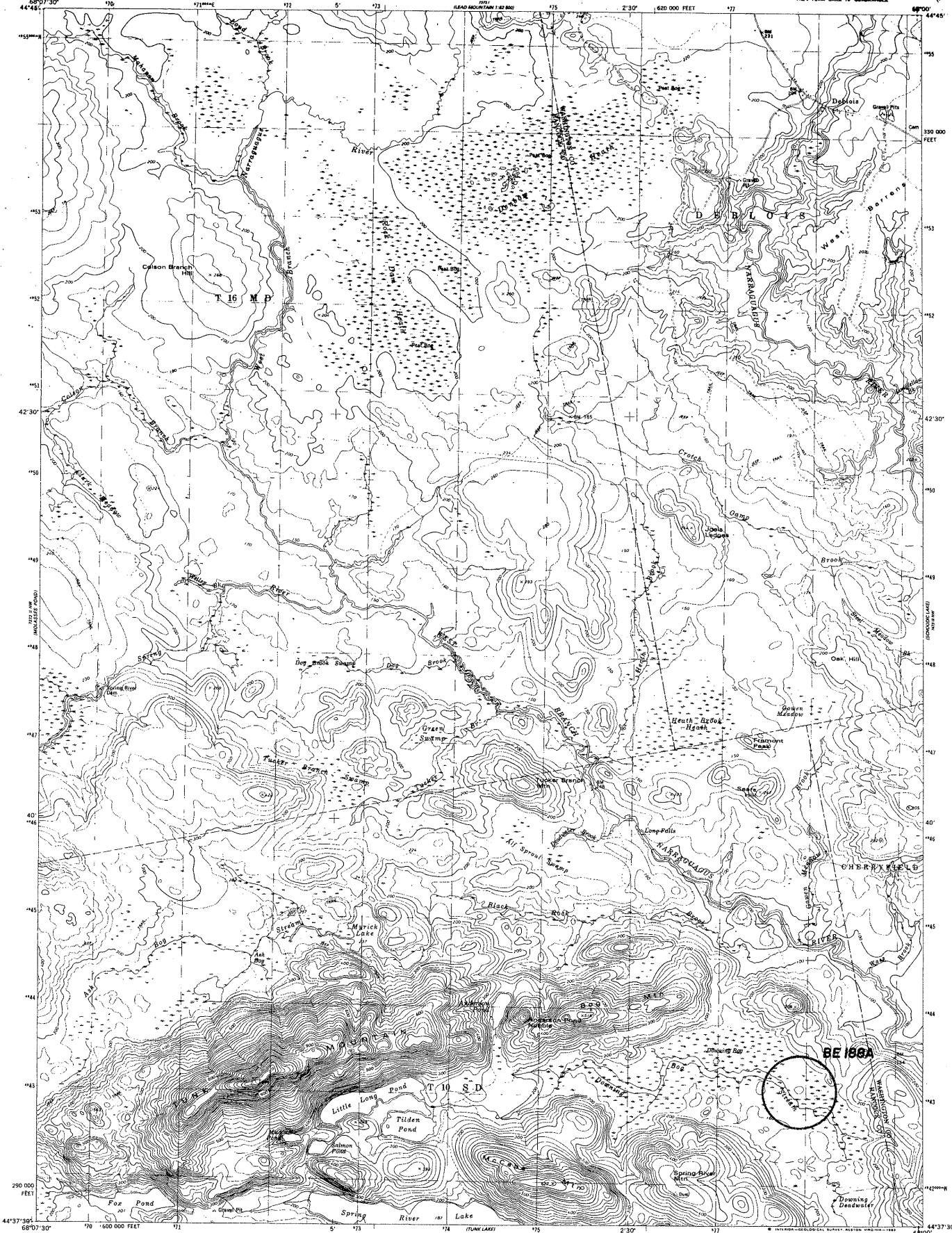
TOMAH RIDGE, MAINE
PROVISIONAL EDITION 1988
45067-CS-TF-024

Tomah Ridge,
Continue

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MAINE
PUBLIC UTILITIES COMMISSION

TUNK MOUNTAIN QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 TUNK LAKE 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1978. Map edited 1982

Projection and 10,000-foot grid ticks: Maine coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 19
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 1 meter south and 47 meters west as shown by dashed corner ticks

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UTM GRID AND 1982 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

ROAD CLASSIFICATION

Primary highway, hard surface — Light-duty road, hard or improved surface
Secondary highway, hard surface — Unimproved road
Interstate Route — U. S. Route — State Route

QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

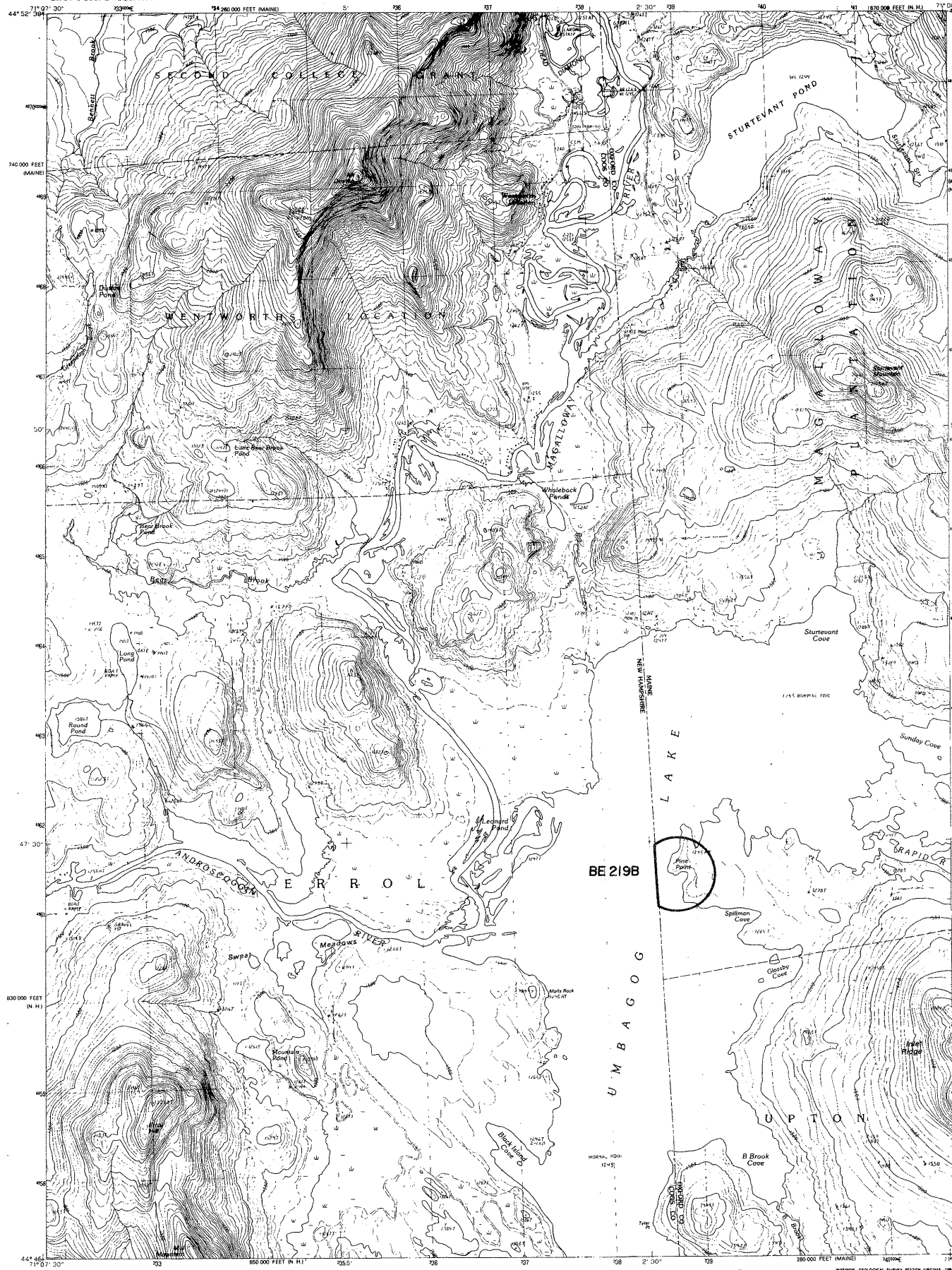
TUNK MOUNTAIN, MAINE
NE/4 TUNK LAKE 15' QUADRANGLE
N4437.6—W6800/7.5
1982

DMA 7573 II NE—SERIES V811

effective 3/1/91

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UMBAGOG LAKE NORTH QUADRANGLE
NEW HAMPSHIRE–MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



effective 3/31/95

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1983
FIELD CHECKED ..... 1984 MAP EDITED 1988
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... NEW HAMPSHIRE, MAINE, WEST ZONE
UTM GRID DECLINATION ..... 1°27' WEST
1988 MAGNETIC NORTH DECLINATION ..... 17°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters south and 39 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET
1 0 1 2 KILOMETERS
1000 0 1000 2000 METERS

CONTOUR INTERVAL 20 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

N. H.
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Mount Pisgah
2 Wilcox Hills
3 Richardson Pond
4 Errol
5 Middle Dam
6 Twakette Ridge
7 Umbagog Lake South
8 B Pond

ADJOINING 7.5' QUADRANGLE NAMES

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA 1982

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....

Interstate Route U. S. Route State Route

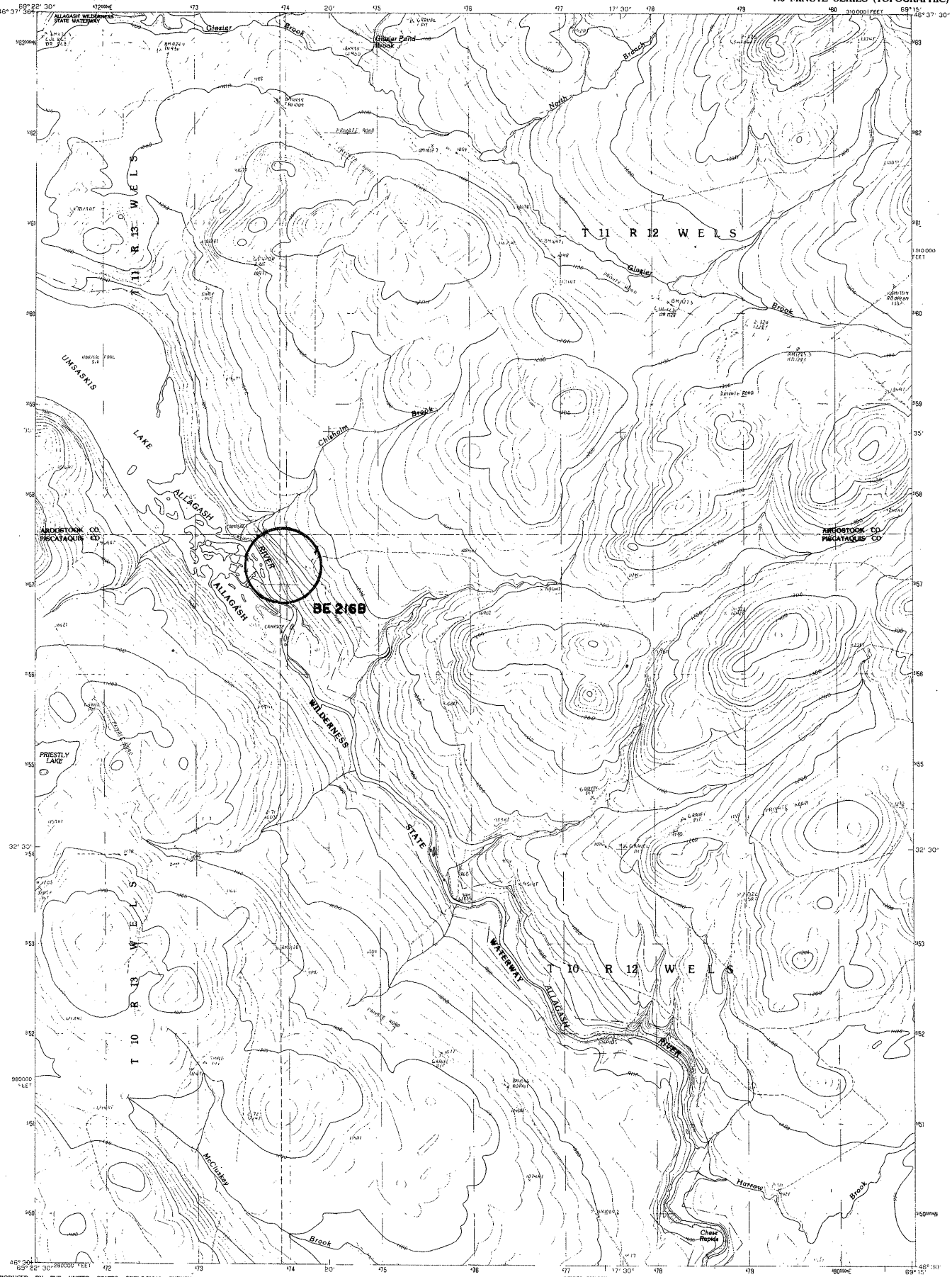
UMBAGOG LAKE NORTH, N. H.–MAINE
PROVISIONAL EDITION 1988

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

44071-G1-TF-024

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1982
FIELD CHECKED ..... 1985. MAP EDITED 1986
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°14' WEST
1986 MAGNETIC NORTH DECLINATION ..... 19°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 40 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

MILES 0 1/2 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000
KILOMETERS 0 1/2 1
METERS 1200 0 1000 2000

CONTOUR INTERVAL 20 FEET
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1986

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Costello Lake
2 Costello Islands
3 First Musquacook L.
4 Umsaskis Lake West
5 Third Musquacook L.
6 Chesham Pond
7 Churchill Lake
8 Spider Lake

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

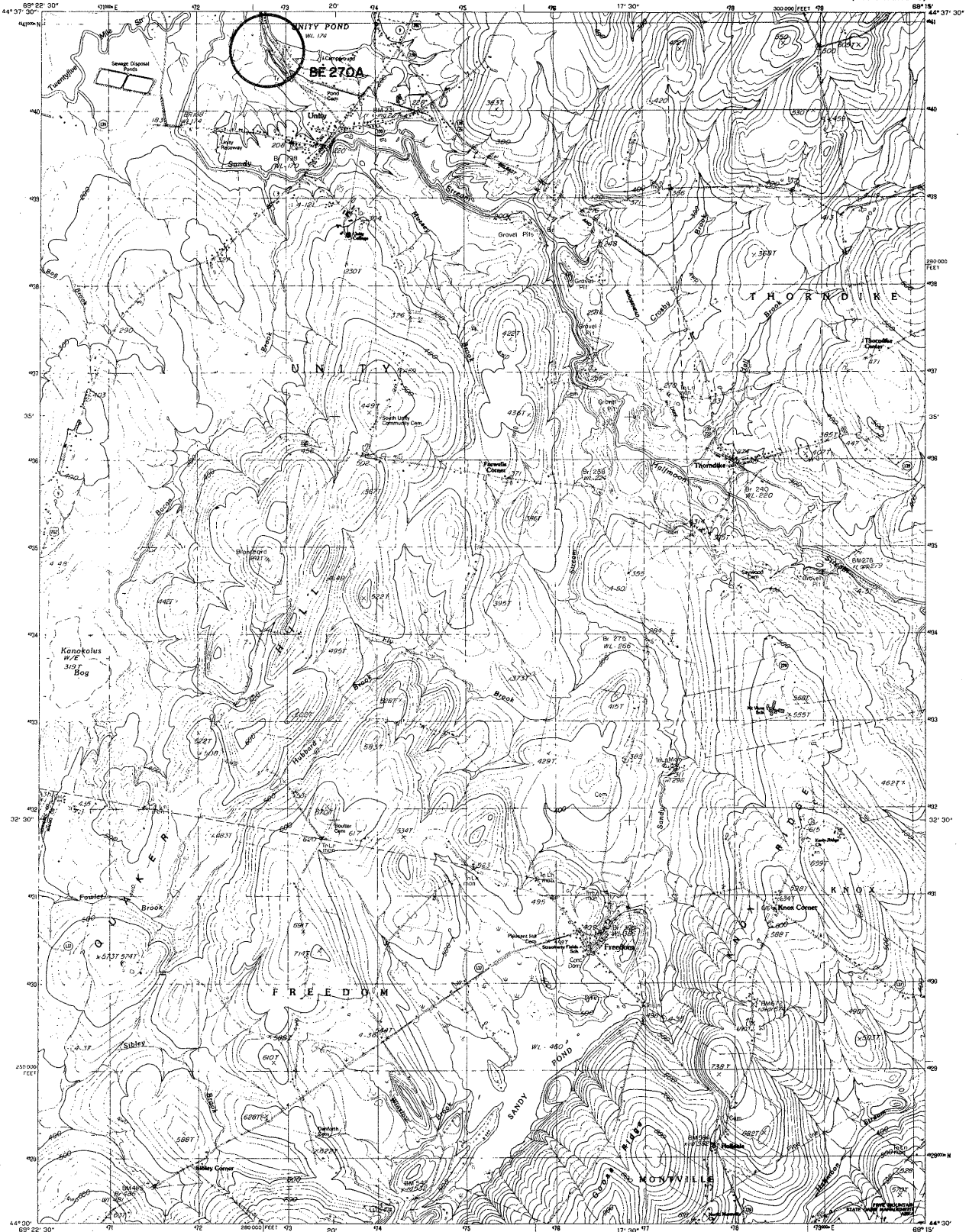
UMSASKIS LAKE EAST, MAINE
PROVISIONAL EDITION 1986

46069-E3-TF-024

effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITY QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:24 000

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
FIELD CHECKED ..... 1979 MAP EDITED 1982
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°13' WEST
1983 MAGNETIC NORTH DECLINATION ..... 18°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (3 meters south and 63 meters west)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

CONTOUR INTERVAL 20 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

ADJOINING 7.5' QUADRANGLE NAMES
1 Brooks
2 Unity Pond
3 Dixmont
4 Albion
5 Brooks West
6 Palermo
7 Liberty
8 Morrill

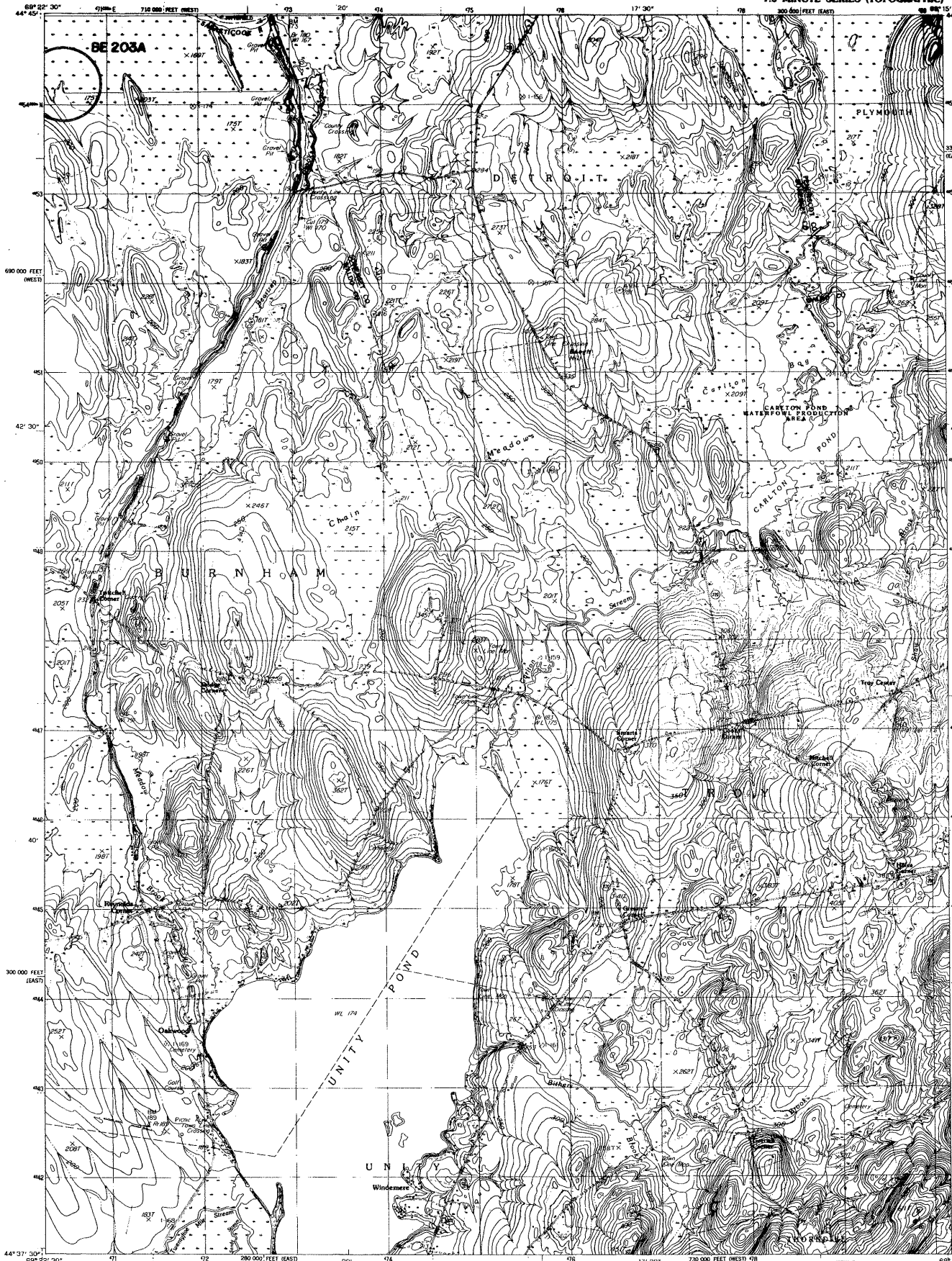
ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U. S. Route State Route

UNITY, MAINE
PROVISIONAL EDITION 1982
44069-E2-TF-024

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITY POND
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1978
FIELD CHECKED ..... 1979 MAP EDITED 1982
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST AND WEST ZONES
UTM GRID DECLINATION ..... 0°13' WEST
1982 MAGNETIC NORTH DECLINATION ..... 18°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1985, move the projection lines as shown by dashed corner ticks (3 meters south, 45 meters west)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

SCALE 1:24 000

KILOMETERS 0 1 2
METERS 0 1000 2000
MILES 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

NORTH

CONTOUR INTERVAL 10 FEET

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

MAINE
QUADRANGLE LOCATION

1	2	3
6		5
6	7	8

1 Pittsfield
2 Newport
3 Plymouth
4 Burnham
5 Dixmont
6 Albion
7 Unity
8 Brooks West

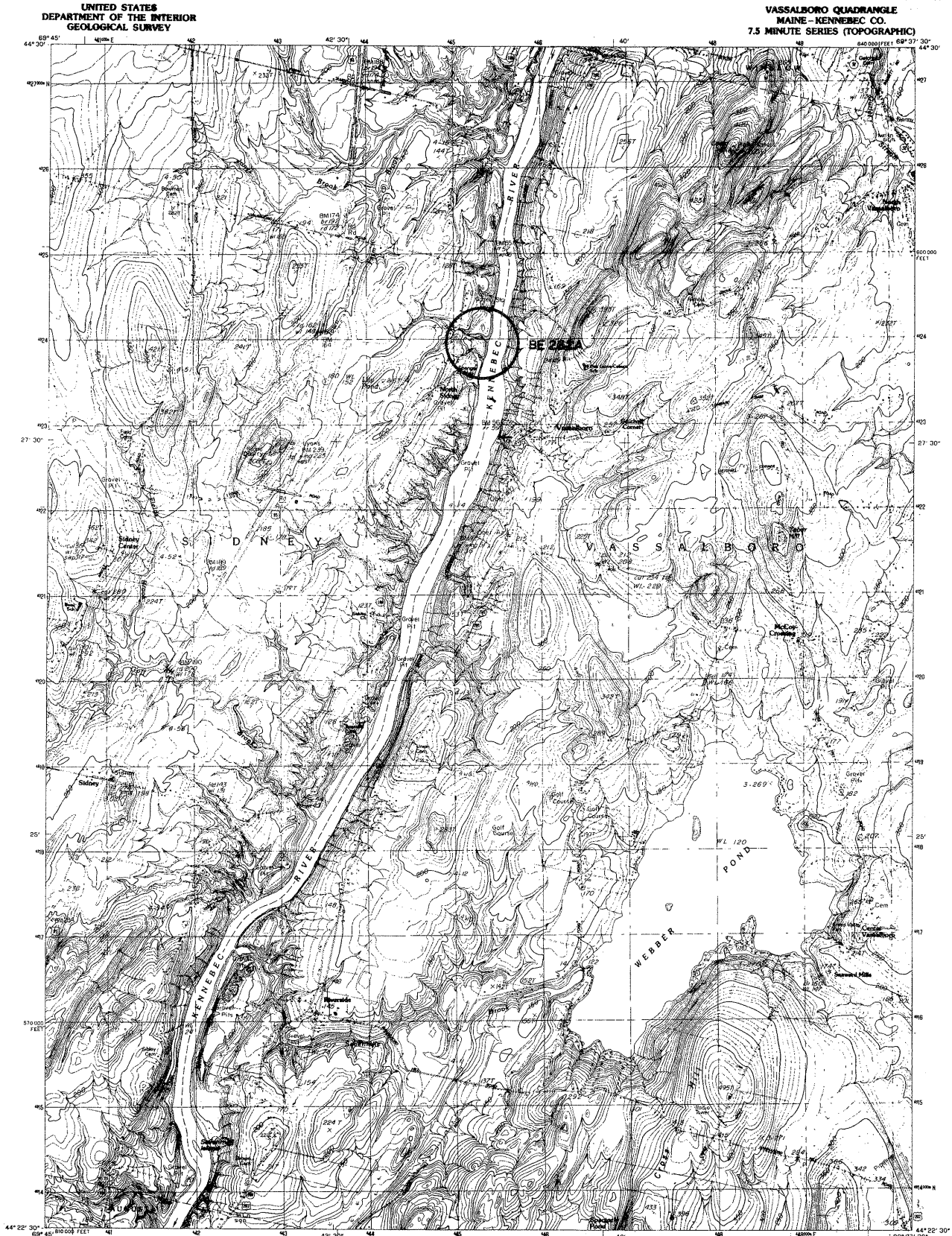
ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

UNITY POND, ME.
PROVISIONAL EDITION 1982
44069-F3-TF-024

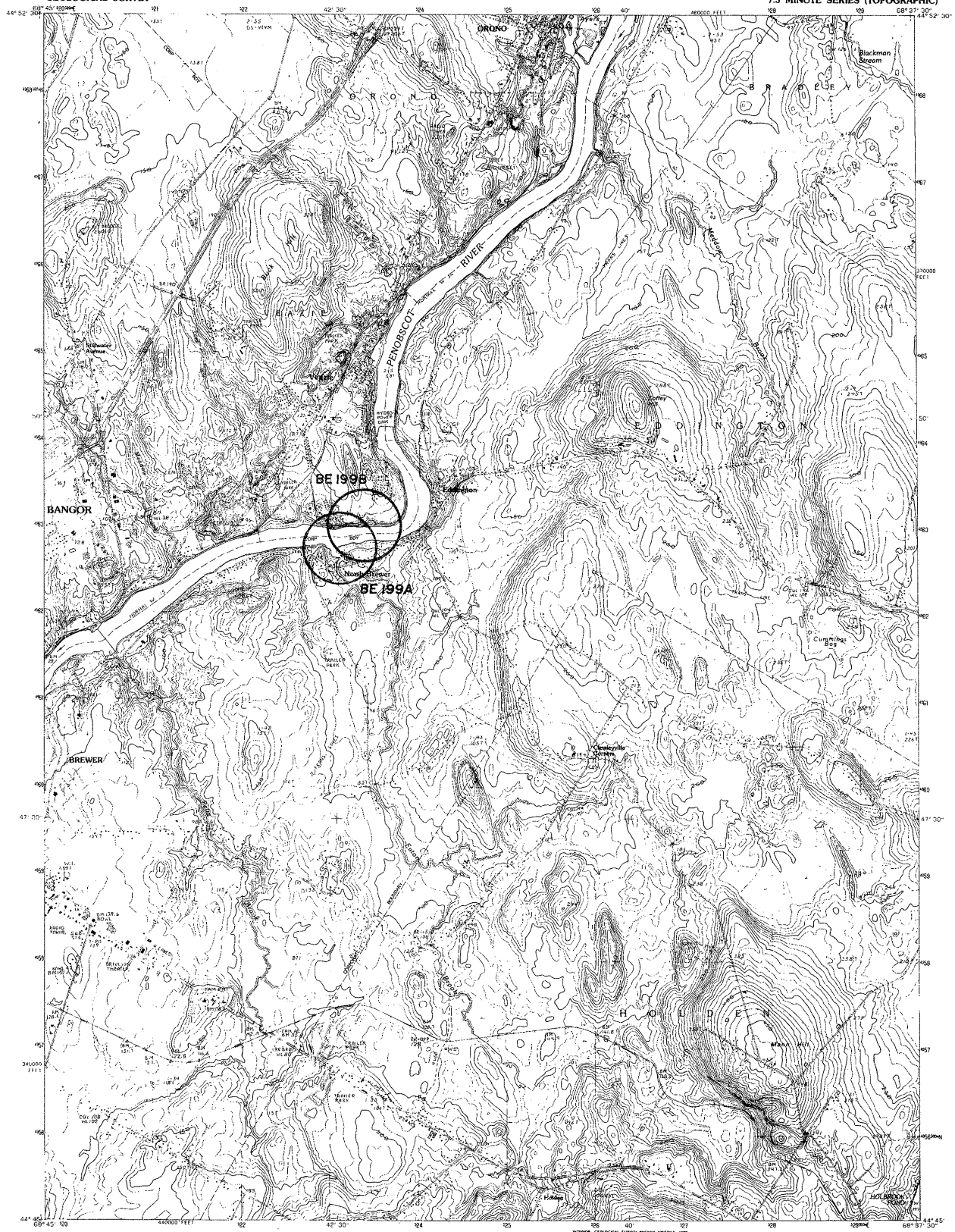
effective 3/1/93



effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

VEAZIE QUADRANGLE
MAINE–PENOBSCOT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOSS/NOAA, AND MAINE DOT
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1981
FIELD CHECKED ..... 1981 MAP EDITED 1986
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°11' EAST
1988 MAGNETIC NORTH DECLINATION ..... 18°38' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters south and 65 meters west)
There may be private inholdings within the boundaries of any Federal and State reservations shown on this map
No distinction made between houses, barns, and other buildings
Gray tint indicates area in which selected buildings are shown

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

ADJOINING 7.5 QUADRANGLE NAMES
1 Pushaw Lake
2 Old Town
3 Olver Chain Ponds
4 Bangor
5 Chemo Pond
6 Hampden
7 Brewer Lake
8 Green Lake

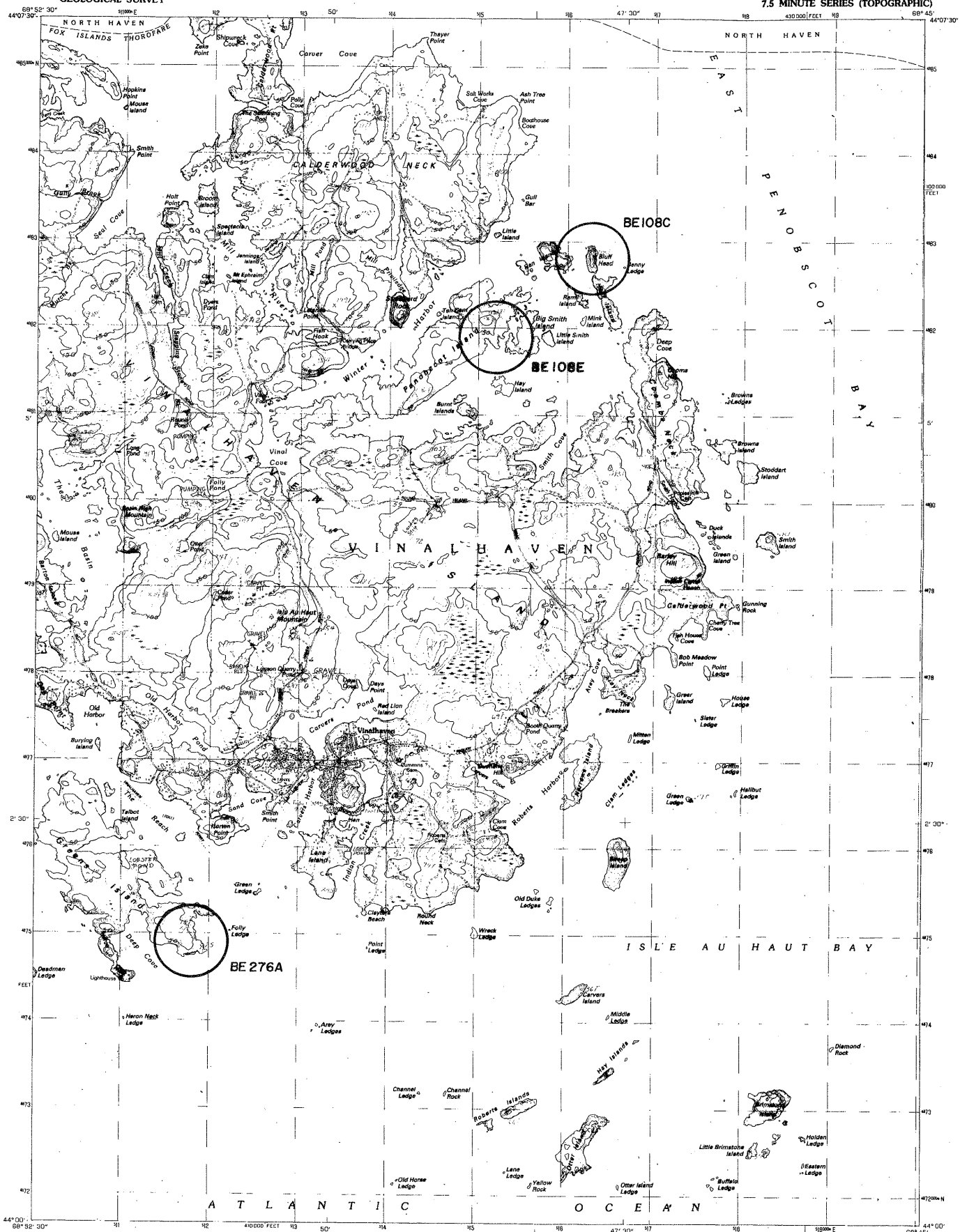
ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U. S. Route State Route

VEAZIE, MAINE
PROVISIONAL EDITION 1988
44068-G6-TF-024

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

VINALHAVEN QUADRANGLE
MAINE–KNOX CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
FIELD CHECKED ..... 1980. MAP EDITED 1982
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°00' EAST
1983 MAGNETIC NORTH DECLINATION ..... 16°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (3 meters south and 45 meters west)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

ADJOINING 7.5' QUADRANGLE NAMES
1 North Haven West
2 North Haven East
3 Deer Isle
4 Leadbetter Island
5 Isle au Haut West
6 Hewett Island
7
8

ROAD LEGEND
Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route ◯ U. S. Route ◯ State Route

VINALHAVEN, MAINE
PROVISIONAL EDITION 1982

44068-A7-TF-024

effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WAYNE QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 LIVERMORE 15' QUADRANGLE

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and Maine Geodetic Survey

Topography by photogrammetric methods from aerial photographs taken 1964. Field checked 1966

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION

Heavy-duty	Light-duty
Medium-duty	Unimproved dirt
U.S. Route	State Route

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

WAYNE, MAINE
SE/4 LIVERMORE 15' QUADRANGLE
N4415—W7000/7.5

1966

AMS 6972 I SE—SERIES V811

SPECIAL PRINTING
Contours and woodland symbols omitted

effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[redacted] STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

WELLS QUADRANGLE
MAINE—YORK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 KENNEBUNK 15' QUADRANGLE

effective 5/31/95

SPECIAL PRINTING
Contours and woodland symbols omitted

Mapped by the Army Map Service
Edited and published by the Geological Survey

Control by USGS and USC&GS

Culture and drainage in part compiled from aerial photographs taken 1943. Topography by planetable surveys 1941. Culture revised by the Geological Survey 1956

Hydrography compiled from USC&GS chart 1205 (1954)

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue

UTM GRID AND 1956 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24000

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 8.7 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION
Heavy-duty | Light-duty
Medium-duty | Unimproved dirt
U. S. Route | State Route

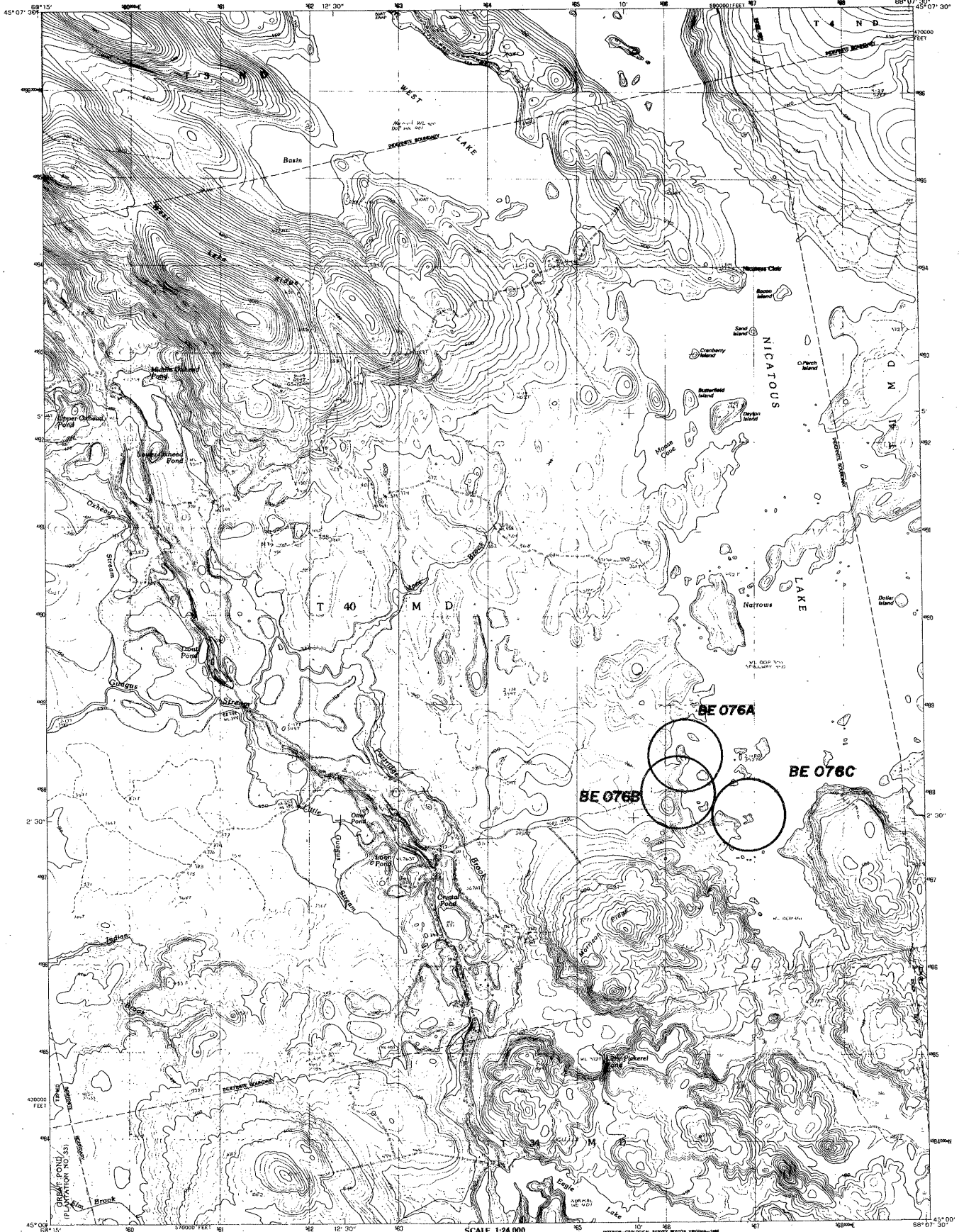
WELLS, ME.
SE/4 KENNEBUNK 15' QUADRANGLE
N4315—W7030/7.5

1956

AMS 6870 I SE—SERIES V811

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WEST LAKE QUADRANGLE
MAINE–HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:24 000

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1981
FIELD CHECKED ..... 1982 MAP EDITED 1987
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°30' EAST
1987 MAGNETIC NORTH DECLINATION ..... 19°00' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 66 meters west)
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

CONTOUR INTERVAL 10 FEET
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT
To convert meters to feet multiply by 3.2804
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Sugarloaf
2 Spring Lake
3 Duck Lake
4 Bloody Point
5 Gassabias Lake
6 Great Pond
7 Alligator Lake
8 Quelpeg Mountain

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND
Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

WEST LAKE, MAINE
PROVISIONAL EDITION 1987
45068-A2-TF-024

West Lake, Contour

effective 3/1/91

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

WEST LUBEC QUADRANGLE
MAINE-WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 EASTPORT 15 X20 QUADRANGLE

USC&GS T 8793

(CUTLER) 7573 II NW

Mapped by the U. S. Coast & Geodetic Survey
Edited and published by the Geological Survey

Control by USC&GS and USGS

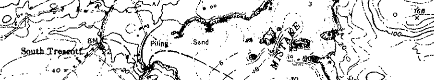
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1946. Field check 1949
Hydrography from surveys dated 1866-1890

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, east zone

Unchecked elevations are shown in brown

1000 meter Universal Transverse Mercator grid ticks zone 19, shown in blue

SCALE 1:24 000



CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 16 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

Heavy-duty	Light duty
Medium-duty	Unimproved dirt
U. S. Route	State Route

WEST LUBEC, ME.
SE/4 EASTPORT 15 X20 QUADRANGLE
N4445—W6700/7.5

1949

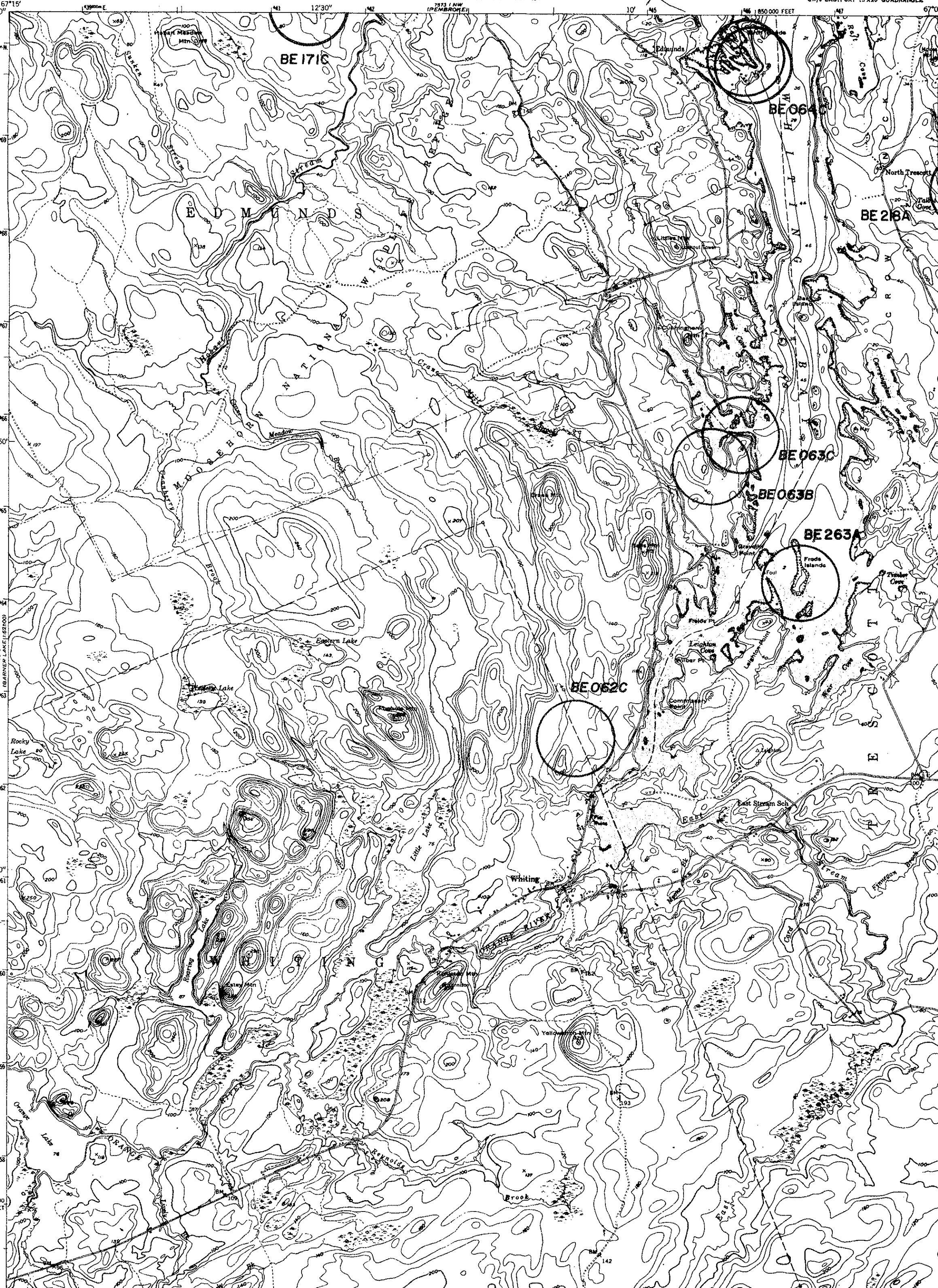
AMS 7573 I SE-SERIES V811

effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

WHITING QUADRANGLE
MAINE-WASHINGTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 EASTPORT 15'X20' QUADRANGLE



Mapped by the U. S. Coast & Geodetic Survey
Edited and published by the Geological Survey

Control by USC&GS and USGS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1946. Field check 1949
Hydrography from surveys dated 1888, and supplementary information

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue

UTM GRID AND 1949 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24000

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 18 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USC&GS T-8792

ROAD CLASSIFICATION
Heavy-duty ... Light-duty
Medium-duty ... Unimproved dirt
U. S. Route State Route

WHITING, ME.
SW/4 EASTPORT 15'X20' QUADRANGLE
N4445—W6707.5/7.5

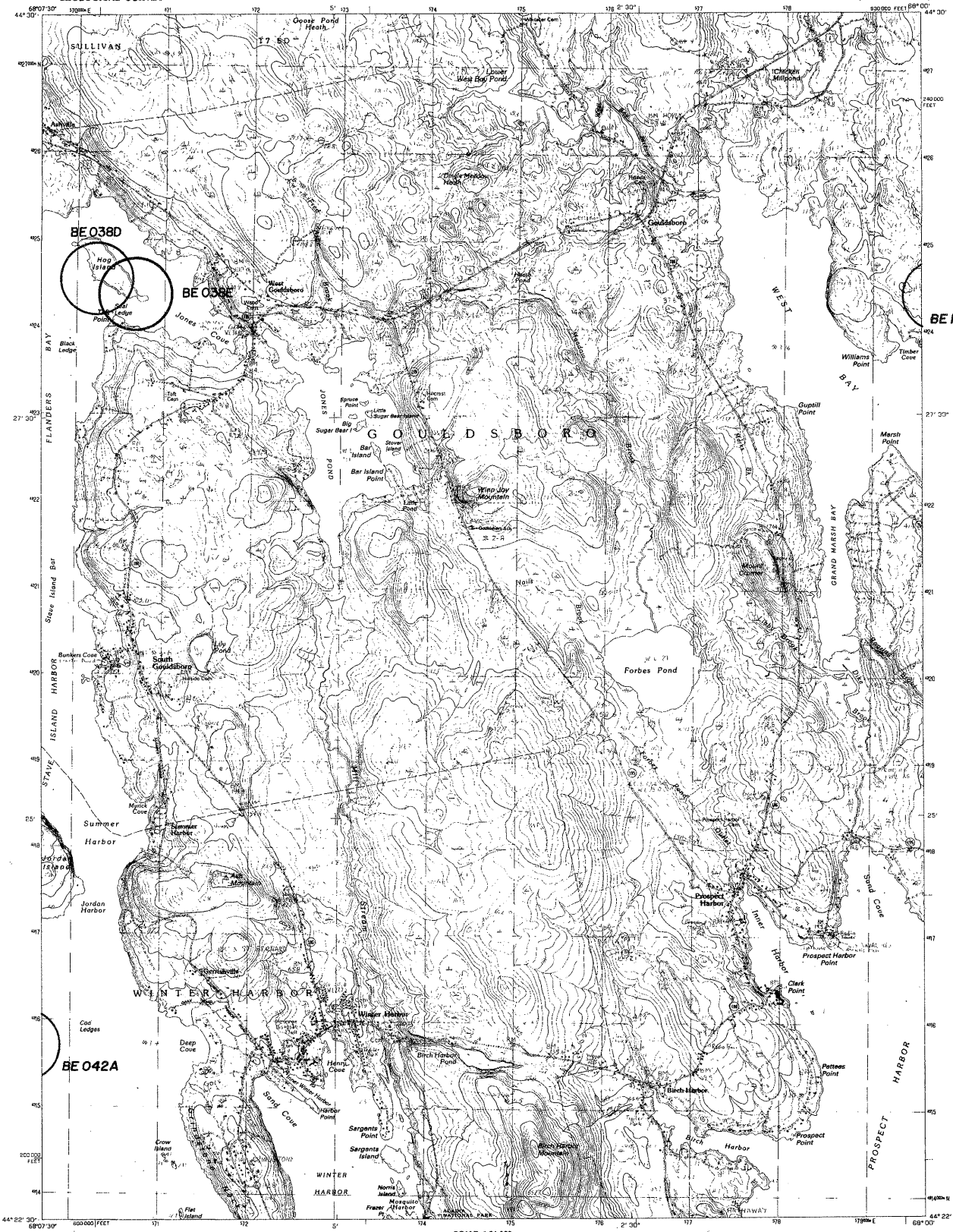
1949

AMS 7573 I SW—SERIES V811

effective 2/20/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WINTER HARBOR QUADRANGLE
MAINE – HANCOCK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



effective 2/20/98

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
FIELD CHECKED ..... 1978 MAP EDITED 1984
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 0°39' EAST
1984 MAGNETIC NORTH DECLINATION ..... 19° WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (1 meter south and 47 meters west)
There may be private inholdings within the boundaries of any National or State reservations shown on this map

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

QUADRANGLE LOCATION

ADJOINING 7.5' QUADRANGLE NAMES
1 Sullivan
2 Tunk Lake
3 Cherryfield
4 Bar Harbor
5 Petit Manan Point
6 Seal Harbor
7 Schoodic Head
8

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U. S. Route State Route

WINTER HARBOR, MAINE
PROVISIONAL EDITION 1984

44068-D1-TF-024

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MAINE
PUBLIC UTILITIES COMMISSION

WISCASSET QUADRANGLE
MAINE
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 WISCASSET 15' QUADRANGLE

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS and Maine Geodetic Survey

Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1970

Selected hydrographic data compiled from USC&GS Chart 314 (1972)
This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Maine coordinate system, west zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue. 1927 North American datum

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER
1 0 1 MILE

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 9.4 FEET IN SHEEPSCOT RIVER AND 8.3 FEET AT MOUTH OF EASTERN RIVER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road

Interstate Route U. S. Route State Route

WISCASSET, MAINE
SW/4 WISCASSET 15' QUADRANGLE
N4400—W6937.5/7.5

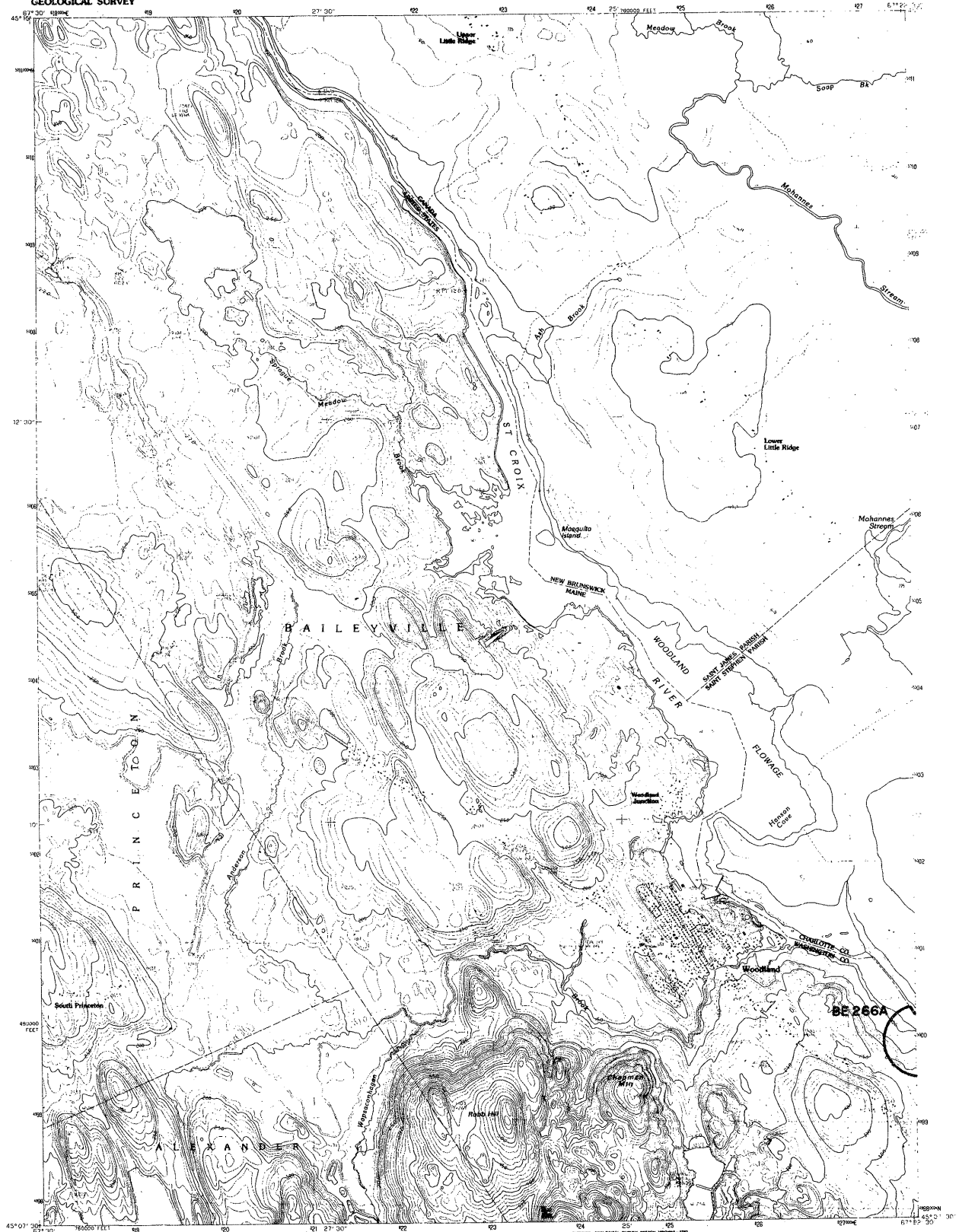
1970

AMS 7072 II SW—SERIES V811

effective 10/1/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WOODLAND QUADRANGLE
MAINE–NEW BRUNSWICK
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1985
FIELD CHECKED ..... 1986 MAP EDITED 1987
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 19
10,000-FOOT STATE GRID TICKS ..... MAINE, EAST ZONE
UTM GRID DECLINATION ..... 1°07' EAST
1987 MAGNETIC NORTH DECLINATION ..... 19°30' WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (48 meters west)

There may be private inholdings within the boundaries of any Federal and State reservations shown on this map

No distinction made between houses, barns, and other buildings

Canadian portion copied from St. Stephen quadrangle (1:50,000) 1988, Department of Energy, Mines, and Resources

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography.

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET IN THE UNITED STATES AND 10 METERS IN CANADA
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Tunnel Ridge
2 Ballyhack
3
4 Princeton
5 Calais
6 Crawford Lake
7 Meddybemps Lake West
8 Meddybemps Lake East

ADJOINING 7.5' QUADRANGLE NAMES

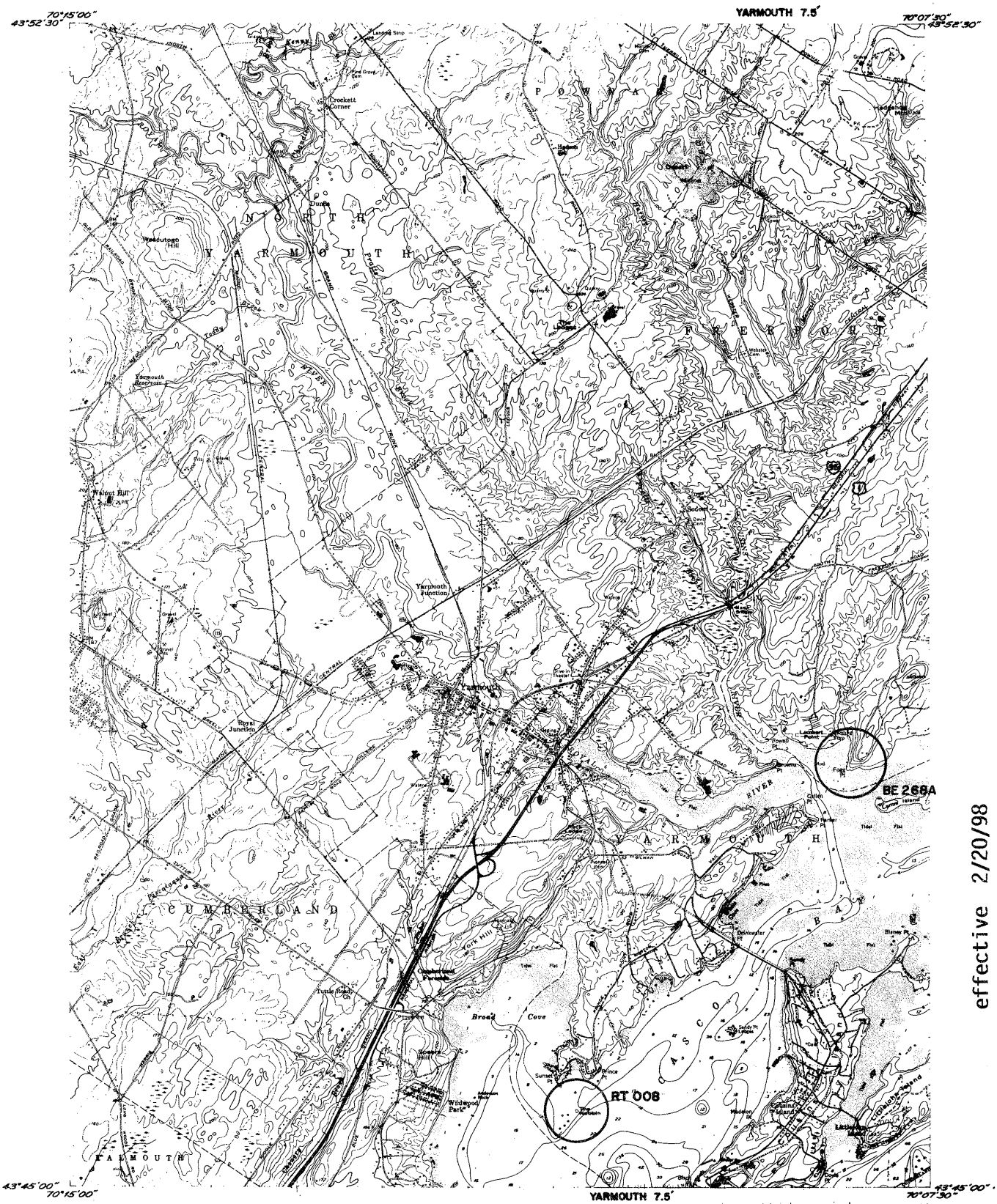
ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....

Interstate Route U. S. Route State Route

WOODLAND, ME.–N. B.
PROVISIONAL EDITION 1987
46067-B4-TF-024

effective 2/20/98



effective 2/20/98

[redacted]

[redacted]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[redacted] STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

YORK BEACH QUADRANGLE
MAINE—YORK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 YORK 15' QUADRANGLE

PPLT OI

effective 5/31/95

Mapped by the Army Map Service
Edited and published by the Geological Survey

Control by USGS and USC&GS

Culture and drainage in part compiled from aerial photographs taken 1943. Topography by planetable surveys 1944
Culture revised by the Geological Survey 1956

Hydrography compiled from USC&GS charts 228 (1955) and 1205 (1954)

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maine coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks, zone 19, shown in blue

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 8.5 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

APPROXIMATE MEAN DECLINATION, 1956

MAINE
QUADRANGLE LOCATION

ROAD CLASSIFICATION

Heavy duty		Light duty	
Medium duty		Unimproved dirt	

U. S. Route

YORK BEACH, ME.
NE/4 YORK 15' QUADRANGLE
N 4307.5—W 7030/7.5

1956

SCALE 1:24 000

APPENDIX A

MAINE ENDANGERED SPECIES ACT

The Maine Endangered Species Act
State of Maine, Inland Fisheries and Wildlife Laws

12 MRSA PART 10

CHAPTER 713
SUBCHAPTER V

ENDANGERED SPECIES

§ 7751. Declaration of purpose

The Legislature finds that various species of fish or wildlife have been and are in danger of being rendered extinct within the State of Maine, and that these species are of esthetic, ecological, educational, historical, recreational and scientific value to the people of the State. The Legislature, therefore, declares that it is the policy of the State to conserve, by according such protection as is necessary to maintain and enhance their numbers, all species of fish or wildlife found in the State, as well as the ecosystems upon which they depend.

§ 7752. Commissioner's investigations and programs

1. Investigations. The commissioner may conduct investigations in order to develop information relating to population size, distribution, habitat needs, limiting factors and other biological and ecological data relating to the status and requirements for survival of any resident species of fish or wildlife, whether endangered or not.

2. Programs. The commissioner may develop programs to enhance or maintain these populations.

§ 7753. Designation of endangered species

1. Standards. The commissioner shall recommend a species to be listed as endangered or threatened whenever the commissioner finds one of the following to exist:

A. The present or threatened destruction, modification or curtailment of its habitat or range;

B. Overutilization for commercial, sporting, scientific, educational or other purposes;

C. Disease or predation;

D. Inadequacy of existing regulatory mechanisms; or

E. Other natural or manmade factors affecting its continued existence within the State.

2. Commissioner's duties. In recommending a species to be listed as endangered or threatened, the commissioner shall:

A. Make use of the best scientific, commercial and other data available;

B. Consult, as appropriate, with federal agencies, other interested state agencies, other states having a common interest in the species and interested persons and organizations; and

C. Maintain a list of all species that the Legislature has designated to be endangered or threatened, naming each species by both its scientific and common name, if any, and specifying over what portion of its range each species so designated is endangered or threatened.

3. Legislative authority. The Legislature, as sole authority, shall designate a species as state endangered or state threatened species. The list of state endangered or state threatened species is as follows:

Common Name	**Scientific Name**	**Status**
Least Tern	Sterna albifrons	Endangered
Golden Eagle	Aquila chrysaetos	Endangered
Piping Plover	Charadrius melodus	Endangered
Sedge Wren	Cistothorus platenis	Endangered
Grasshopper Sparrow	Ammodramus savannarum	Endangered
Box Turtle	Terrapene carolina	Endangered
Black Racer	Coluber constrictor	Endangered
Roseate Tern	Sterna dougallii	Endangered
Northern Bog Lemming	Synaptomys borealis	Threatened
Loggerhead Turtle	Caretta caretta	Threatened
Blanding's Turtle	Emydoidea blandingii	Endangered
Black Tern	Chlidonias niger	Endangered
American Pipit	Anthus rubescens	Endangered
Peregrine Falcon	Falco peregrinus	Endangered
Flat-headed Mayfly	Epeorus frisoni	Endangered
Ringed Boghaunter	Williamsonia lintneri	Endangered
Clayton's Copper	Lycaena dorcas claytoni	Endangered
Edwards' Hairstreak	Satyrium edwardsii	Endangered
Hessel's Hairstreak	Mitoura hesseli	Endangered
Katahdin Arctic	Oenis polixenes katahdin	Endangered
Spotted Turtle	Clemmys guttata	Threatened
Bald Eagle	Haliaeetus leucocephalus	Threatened
Razorbill	Alca torda	Threatened
Atlantic Puffin	Fratercula arctica	Threatened
Harlequin Duck	Histrionicus histrionicus	Threatened
Arctic Tern	Sterna paradisaea	Threatened
Upland Sandpiper	Bartramia longicauda	Threatened

Swamp Darter	Etheostoma fusiforme	Threatened
Tidewater Mucket	Leptodea ochracea	Threatened
Yellow Lampmussel	Lampsilis cariosa	Threatened
Tomah Mayfly	Siphlonisca aerodromia	Threatened
Pygmy Snaketail	Ophiogomphus howei	Threatened
Twilight Moth	Lycia rachelae	Threatened
Pine Barrens Zanclognatha	Zanclognatha martha	Threatened

3-A. Temporary authority. Notwithstanding any other provision of this subchapter, the commissioner may consider a species found in the State that is not listed in subsection 3 as a state endangered or state threatened species if that species is listed as an endangered or threatened species by the Secretary of the Interior of the United States, pursuant to the United States Endangered Species Act of 1973, Public Law 93-205, as amended. This subsection is repealed 90 days after the adjournment of the First Regular Session of the 118th Legislature.

4. Process for recommendation; notice and hearings. Prior to recommending an addition, deletion or other change to the endangered and threatened species listed in subsection 3, the commissioner shall provide for public notice and public hearings on that proposed recommendation in accordance with the provisions of Title 5, chapter 375, subchapter II.

5. Designation by Legislature. The Legislature may not amend the list of endangered or threatened species in subsection 3 except upon the recommendation of the commissioner.

§ 7754. Conservation of endangered species

1. Conservation of nongame and endangered species. The commissioner may establish such programs as are necessary to bring any endangered or threatened species to the point where it is no longer endangered or threatened, including:

A. Acquisition of land or aquatic habitat or interests in land or aquatic habitat;

B. Propagation;

C. Live trapping;

D. Transplantation. Prior to the transplantation, introduction or reintroduction of an endangered or threatened species in the State, the commissioner shall, in conjunction with the Atlantic Sea Run Salmon Commission, when appropriate, develop a recovery plan for that species, conduct a public hearing on that recovery plan pursuant to Title 5, Part 18 and submit that plan to the joint standing committee of the Legislature having jurisdiction over inland fisheries and wildlife matters. The introduction or reintroduction of that species must be conducted in accordance with the recovery plan developed under this paragraph and may not begin sooner than 90 days after all conditions of this paragraph have been met; and

E. In the extraordinary case where population pressures within a given group ecosystem can not be otherwise relieved, regulated taking.

2. Habitat. For species designated as endangered or threatened under this subchapter the commissioner may, by rule, pursuant to Title 5, chapter 375, identify areas currently or historically providing physical or biological features essential to the conservation of the species and which may require special management considerations.

3. Protection guidelines. The commissioner may, by rule, pursuant to Title 5, chapter 375, develop guidelines for the protection of species designated as endangered or threatened under this subchapter.

4. Annual report. The commissioner shall submit a written report by January 1st of each year to the joint standing committee of the Legislature having jurisdiction over inland fisheries and wildlife matters describing the status of all current and planned programs, activities and rules of the department pertaining to the conservation or management of endangered or threatened species. When appropriate, this report may be combined with any transplantation report required under subsection 1, paragraph D.

§ 7755. Cooperative agreements

The commissioner may enter into agreements with federal agencies, other states, political subdivisions of this State or private persons for the establishment and maintenance of programs for the conservation of endangered or threatened species and may receive all federal funds allocated for obligations to the State pursuant to these agreements.

§ 7755-A. State and local cooperation

1. Review. A state agency or municipal government shall not permit, license, fund or carry out projects that will:

A. Significantly alter the habitat identified under section 7754, subsection 2 of any species designated as threatened or endangered under this subchapter; or

B. Violate protection guidelines set forth in section 7754, subsection 3.

The commissioner shall make information under section 7754 available to all other state agencies and municipal governments for the purposes of review.

2. Variance. Notwithstanding subsection 1, state agencies and municipal governments may grant a variance from this section provided that:

A. The Commissioner of Inland Fisheries and Wildlife certifies that the proposed action would not pose a significant risk to any population of endangered or threatened species within the State; and

B. A public hearing is held on the proposed action.

3. Pending applications. Notwithstanding Title 1, section 302, applications pending at the time of adoption of habitats and guidelines under section 7754, subsections 2 and 3 shall be governed by these provisions.

§ 7756. Prohibited acts

1. Misuse of endangered or threatened species. A person is guilty, except as provided in subsection 2, of misuse of an endangered or threatened species if that person does any of the following:

A. Exports any endangered or threatened species from the State;

B. Hunts, traps or possesses any endangered or threatened species within the State;

C. Possesses, processes, sells, offers for sale, delivers, carries, transports or ships, by any means whatsoever, any endangered or threatened species; or

D. Deliberately feeds, sets bait for or harasses any endangered or threatened species, except as allowed under subsection 2, paragraph A. A warning shall be issued for the first violation. The 2nd violation shall be punishable as a Class E crime.

2. Exceptions. Notwithstanding subsection 1, the commissioner may:

A. Under such terms and conditions as he may prescribe, permit any act prohibited by this section, for educational or scientific purposes or to enhance the propagation or survival of an endangered or threatened species; and

B. Under such terms and conditions as he may prescribe, permit any endangered or threatened species which enters the State and is being transported to a point outside the State to be so entered and transported without restriction in accordance with the terms of any federal or state permit.

§ 7757. Maine Endangered and Nongame Wildlife Fund

1. Establishment. There is established the Maine Endangered and Nongame Wildlife Fund. The fund receives money deposited by the Treasurer of State pursuant to section 7759 and Title 36, section 5284, revenues generated in accordance with this section and any money contributed voluntarily to the fund. All money deposited in the fund and the earnings on that money remain in the fund to be used for the management of nongame wildlife and for necessary administrative and personnel costs associated with the management of nongame wildlife and may not be deposited in the General Fund or any other fund, except as specifically provided by law.

2. Report and allocation. The Commissioner of Inland Fisheries and Wildlife shall include a report on the Maine Endangered and Nongame Wildlife Fund as part of the report submitted to the Governor pursuant to section 7034. This report shall also be submitted to the joint standing committee of the Legislature having jurisdiction over fisheries and wildlife. The commissioner shall submit a budget for each biennium in accordance with Title 5, sections 1663 to 1666. The State Controller shall authorize expenditures from the fund as allocated by the Legislature.

3. Grants. Any person, organization or agency of the State may apply to the Department of Inland Fisheries and Wildlife for a grant to undertake research and nongame wildlife management activities. The department may award grants out of the Maine Endangered and Nongame Wildlife Fund. For the purposes of this section, "nongame wildlife" includes all unconfined terrestrial, freshwater and saltwater species which are not ordinarily collected, captured or killed for sport or profit.

4. Fund raising. The commissioner or the commissioner's authorized agent may provide for the creation, reproduction, sale, licensing, distribution and other disposal of any art or products for the purpose of generating revenues for the management of the State's nongame wildlife. All money generated from the sale of these items must be deposited in the Maine Endangered and Nongame Wildlife Fund.

§ 7758. Judicial enforcement

1. General. In the event of a violation of this subchapter, any rule adopted pursuant to this subchapter or any license or permit granted under this subchapter, the Attorney General may institute injunctive proceedings to enjoin any further violation, a civil or criminal action, or any appropriate combination of those proceedings without recourse to any other provision of law administered by the Department of Inland Fisheries and Wildlife.

2. Restoration. The court may order restoration of any area, affected by any activity found to be in violation of this subchapter, any rule adopted pursuant to this subchapter or any license or permit granted under this subchapter, to its condition prior to the violation or as near to that condition as possible. When the court finds that the violation was willful, the court shall order restoration under this subchapter, unless the restoration would result in:

A. A threat to public health and safety;

B. Environmental damage; or

C. A substantial injustice.

§ 7759. Maine Environmental Trust Fund

1. Fund established. The Maine Environmental Trust Fund, referred to in this section as the "fund," is established as a nonlapsing fund administered by the commissioner for the purposes of improving state parks and historic sites by supporting the Maine State Parks Fund and managing nongame wildlife by supporting the Maine Endangered and Nongame Wildlife Fund. Money deposited with the Treasurer of State to the credit of the fund may be invested as provided by law. Income from these investments must be credited to the fund.

2. Fund sources. The fund receives money deposited by the Treasurer of State pursuant to Title 29-A, section 455 and any other gift, grant or other source of revenue deposited for that use.

3. Distribution from fund. Money distributed from the fund may be used for marketing the plates and for the production and marketing of goods using the environmental plate design. After the Treasurer of State has reimbursed the Secretary of State for costs of producing and issuing environmental registration plates in accordance with Title 29-A, section 455, the Treasurer of State shall, at the end of each quarter in the fiscal year, distribute the balance in the fund as follows:

A. Sixty percent of the balance must be deposited in the Maine State Parks Fund established in section 610; and

B. Forty percent of the balance must be deposited in the Maine Endangered and Nongame Wildlife Fund established in section 7757.

4. Budget. The commissioner shall submit a budget for each biennium pursuant to Title 5, sections 1663 and 1666.

APPENDIX B

MAINE ENDANGERED AND THREATENED SPECIES LIST

MAINE ENDANGERED AND THREATENED SPECIES

Maine Endangered Species:

1. Peregrine Falcon - Falco peregrinus* (breeding population only)
2. Golden Eagle - Aquila chrysaetos
3. Piping Plover - Charadrius melodus**
4. Least Tern - Sterna antillarum
5. Roseate Tern - Sterna dougallii*
6. Sedge Wren - Cistothorus platensis
7. Grasshopper Sparrow - Ammodramus savannarum
8. Black Tern - Chlidonias niger
9. American Pipit - Anthus rubescens (breeding population only)
10. Blanding's Turtle - Emydoidea blandingii
11. Box Turtle - Terrapene carolina
12. Black Racer - Coluber constrictor
13. A Flat-headed Mayfly - Epeorus frisoni
14. Ringed Boghaunter - Williamsoni lintneri
15. Clayton's Copper - Lycaena dorcas claytoni
16. Edwards' Hairstreak - Satyrium edwardsii
17. Hessel's Hairstreak - Mitoura hesseli
18. Katahdin Arctic - Oeneis polixenes katahdin

Maine Threatened Species:

1. Bald Eagle - Haliaeetus leucocephalus**
2. Razorbill - Alca torda
3. Atlantic Puffin - Fratercula arctica
4. Harlequin Duck - Histrionicus histrionicus
5. Arctic Tern - Sterna paradisaea
6. Upland Sandpiper - Bartramia longicauda
7. Northern Bog Lemming - Synaptomys borealis
8. Loggerhead Turtle - Caretta caretta**
9. Spotted Turtle - Clemmys guttata
10. Swamp Darter - Etheostoma fusiforme
11. Tidewater Mucket - Leptodea ochracea
12. Yellow Lampmussel - Lampsilis cariosa
13. Tomah Mayfly - Siphlonisca aerodromia
14. Pygmy Snaketail - Ophiogomphus howei
15. Twilight Moth - Lycia rachelae
16. Pine Barrens Zanclognatha - Zanclognatha martha

*Federally listed Endangered Species
**Federally listed Threatened Species

APPENDIX C

MDIFW ISSUE PROFILES

ISSUE PROFILE

ESSENTIAL HABITAT: BALD EAGLE NEST SITES

ENDANGERED & THREATENED SPECIES PROGRAM

October 1997

BACKGROUND

Maine's fish and wildlife are a valuable public resource, yet some species are in danger of becoming extinct within the State. The Legislature recognized this by passing the Maine Endangered Species Act in 1975. In 1988, the Legislature amended the Act by adding habitat protection provisions in recognition of two issues: 1) the effect habitat loss has on Endangered and Threatened Species in Maine; and 2) the confusion and sometimes costly problems that arise in the absence of consistent, predictable land use decision-making processes for Endangered and Threatened Species. As a result, the Commissioner of the Maine Department of Inland Fisheries and Wildlife (DIFW) may designate areas as "Essential Habitat" and develop protection guidelines for these Essential Habitats.

WHAT ARE ESSENTIAL HABITATS?

Essential Habitats are areas currently or historically providing physical or biological features essential to the conservation of an Endangered or Threatened Species in Maine and which may require special management considerations. Examples of areas that could qualify for designation are nest sites or important feeding areas. For some species, protection of these kinds of habitats is vital to preventing further declines or achieving recovery goals. This habitat protection tool is used only when habitat loss has been identified as a major factor limiting a species' recovery. Before an area can be designated as Essential Habitat, it must be identified and mapped by the DIFW and adopted through public rulemaking procedures, following Maine's Administrative Procedures Act.

WHY DOES THE BALD EAGLE NEED THIS LEVEL OF PROTECTION?

Historically, Maine was home to hundreds of pairs of bald eagles nesting along undisturbed shorelines of the coast, lakes, and major rivers. However, largely due to DDT contamination, eagle populations declined so drastically that they were listed as an Endangered Species in 1978. As DDT residues in the environment dropped, bald eagles began to recover in Maine. Increasing losses of undisturbed nesting sites during the late 1980's, however, threatened further population growth and recovery of the species. Adequate numbers of young eagles must be produced from Maine's traditional eagle nesting sites if the population is to achieve a lasting recovery from Endangered or Threatened status. Loss of undisturbed nesting sites is now the greatest danger to Maine's eagle population. For this reason, designation of nest sites as Essential Habitat (on-going since 1990) plays an important role in the recovery of Maine's bald eagle population. Recovery progress was symbolized by the reclassification of the bald eagle as a Threatened Species in 1995.

WHAT DOES ESSENTIAL HABITAT DESIGNATION MEAN TO A LANDOWNER?

Activities of private landowners are **not** affected by Essential Habitat designation **unless projects require a permit or license from, or are funded or carried out by, a state agency or municipality**. In these cases, the town or state agency reviewing a project must obtain an evaluation from the DIFW before issuing a decision. **No new permits or fees are required.** Designation of Essential Habitat simply establishes a standardized review process within existing state and municipal permitting processes. It ensures landowners of consistent reviews on land use permit applications where Endangered and Threatened Species are involved, and eliminates the confusion, delays, and sometimes costly problems which can arise in the absence of standardized, predictable decision-making.

When projects are proposed within Essential Habitats, **landowners should initiate early consultations with the appropriate DIFW Regional Wildlife Biologist** so that concerns for Endangered or Threatened Species can be incorporated into preliminary project planning and design. The Department also offers technical assistance to property owners who wish to manage their lands to enhance habitat for wildlife.

WHAT DOES ESSENTIAL HABITAT DESIGNATION MEAN TO STATE AGENCIES AND MUNICIPALITIES?

State agencies and municipalities cannot permit, license, fund, or carry out projects which will significantly alter an Essential Habitat or violate protection guidelines adopted for the habitat. Early consultations with DIFW Regional Wildlife Biologists will facilitate identification of incompatible projects or appropriate modifications to proposals within an Essential Habitat. Concerns for Endangered and Threatened Species should be addressed during preliminary planning and existing agency or municipal review procedures and before seeking final DIFW evaluation. Failure to do so may result in unnecessary conflicts, delays, or project denials. The Department also offers guidance to municipalities when wildlife concerns are being addressed in comprehensive plans and town ordinances.

HOW DO YOU DETERMINE IF A PROJECT IS WITHIN AN ESSENTIAL HABITAT?

All Essential Habitats are mapped on standard 1:24,000 U.S.G.S. topographic maps. These Essential Habitat maps are available for viewing in affected town offices, all DIFW offices, and most DEP, DMR and LURC offices. In addition, reduced copies of maps are contained within the "Atlas Of Essential Wildlife Habitats For Maine's Endangered And Threatened Species", which can be found in all county Registry of Deeds offices, State libraries, and most State agencies.

IF ONLY A PART OF YOUR PROPERTY IS WITHIN AN ESSENTIAL HABITAT, WILL EVERY PROJECT YOU CONSIDER BE AFFECTED BY ESSENTIAL HABITAT DESIGNATION?

No. Projects located wholly outside an Essential Habitat, regardless of whether some other portion of your property is within an Essential Habitat, are not affected by this rule. **Contact a DIFW Regional Wildlife Biologist for assistance in verifying project locations relative to an Essential Habitat.**

WHAT TYPES OF PROJECTS REQUIRE DIFW EVALUATION?

Any project that is wholly or partly within an Essential Habitat and is permitted, licensed, funded, or carried out by a state agency or municipal government, requires an evaluation by the Commissioner of the DIFW. Some examples of projects that require DIFW evaluation are:

- subdivision of land
- construction or alteration of buildings, waste-water systems, or utilities
- conversion of seasonal dwellings to year round
- exemption to minimum lot size requirements
- construction or relocation of roads
- exploration or extraction of minerals
- alteration to wetlands, submerged bottomlands, or shoreland zones
- installation of docks, moorings, or aquaculture facilities

Landowners, project planners, municipalities or state agencies considering a project proposal in or near an Essential Habitat should immediately contact a DIFW Regional Wildlife Biologist for assistance. **Early consultations will help to resolve avoidable conflicts and prevent unnecessary delays, frustrations, and economic pitfalls that might otherwise arise during the final project review.**

ARE THERE PROJECTS EXEMPT FROM DIFW REVIEW?

Yes. The following are examples of projects exempt from evaluation by the Department:

- emergency repairs to existing structures and utilities
- emergency activities necessary for public health and safety
- interior repairs and construction
- any project not carried out by, funded by, or requiring a permit or license from a state agency or municipality

WHAT ARE THE REVIEW STANDARDS FOR PROJECTS WITHIN ESSENTIAL HABITATS?

A project must not significantly alter an Essential Habitat. If the DIFW evaluation determines that significant alteration of the habitat would occur, a state agency or municipal government may not issue a permit or license for the project. The following factors are considered by the DIFW when evaluating a project proposal at bald eagle nest sites:

- seasonal timing of project
- noise and human activity generated by project before, during, or after completion
- impact on wetlands, shoreland zones, or important visual buffers
- impact on key habitat components such as nesting, foraging, perching, or roosting areas
- reduction in the seclusion of the nest site due to increased access from upland areas, shoreland zones, or adjacent waters
- impact on future suitability of the nest site due to new uses, cumulative impacts, or local limitations within the area
- demonstrated tolerance by eagles at the site for types of activities associated with the project

IS THE SEASONAL TIMING OF PROJECTS A MAJOR CONCERN?

Yes! Eagles are very sensitive to disturbance during their nesting season. Generally this is between **February 1 and August 31** but varies greatly from coastal Maine to northern, interior regions. Seasonal timing of activities will often be a determining factor in project reviews and should always be addressed in a project's design before seeking final DIFW evaluation. **Contact a DIFW Regional Wildlife Biologist for assistance in determining seasonal timing concerns.** Examples of projects often acceptable outside the critical nesting season are:

- expansion, alteration, or repair of existing structures
- routine road maintenance
- forest management, timber harvest, and agricultural management
- mineral exploration
- construction, if all other review standards are met

ONCE AN AREA IS DESIGNATED AS ESSENTIAL HABITAT, WILL IT ALWAYS BE SO?

No. The law allows Essential Habitat designation only for Endangered or Threatened Species. Designating bald eagle nest sites as Essential Habitat will allow Maine's eagle population to grow. The bald eagle was reclassified from Endangered to Threatened in 1995, and its population in Maine is expected to increase to the point where eagles are no longer Threatened. When this occurs, all Essential Habitat designations for bald eagle nests will be eliminated. Also, if a nest site no longer provides the physical or biological features essential for bald eagles, Essential Habitat designation will be removed.

WHO CAN YOU CONTACT FOR MORE INFORMATION?

The Maine Department of Inland Fisheries and Wildlife. There are seven regional offices to assist you. Please contact a Regional Wildlife Biologist at the nearest regional headquarters:

Gray: RR#1, 358 Shaker Rd., Gray, ME 04039
(207) 657-2345

Sidney: 270 Lyons Rd., Sidney, ME 04330
(207) 547-5318

Machias: 68 Water St., Machias, ME 04654
(207) 255-4715

Strong: 689 Farmington Rd,, Strong, ME 04983
(207) 778-3324

Greenville: PO Box 551, Greenville, ME 04441
(207) 695-3756

Enfield: HCR 67, Box 1066, Enfield, ME 04433
(207) 732-4132

Ashland: PO Box 447, Ashland, ME 04732
(207) 435-3231

ISSUE PROFILE

ESSENTIAL HABITAT: ROSEATE TERN NESTING AREAS

ENDANGERED & THREATENED SPECIES PROGRAM

May 1995

BACKGROUND

Maine's fish and wildlife are a valuable public resource, yet some species are in danger of becoming extinct within the State. The Legislature recognized this by passing the Maine Endangered Species Act in 1975. In 1988, the Legislature amended the Act by adding habitat protection provisions in recognition of two issues: 1) the effect habitat loss has on Endangered and Threatened Species in Maine; and 2) the confusion and sometimes costly problems that arise in the absence of consistent, predictable land use decision-making processes for Endangered and Threatened Species. As a result, the Commissioner of the Maine Department of Inland Fisheries and Wildlife (DIFW) may designate areas as "Essential Habitat" and develop protection guidelines for these Essential Habitats.

WHAT ARE ESSENTIAL HABITATS?

Essential Habitats are areas currently or historically providing physical or biological features essential to the conservation of an Endangered or Threatened Species in Maine and which may require special management considerations. Examples of areas that could qualify for designation are nest sites or important feeding areas. For some species, protection of these kinds of habitats is vital to preventing further declines or achieving recovery goals. This habitat protection tool is used only when habitat loss has been identified as a major factor limiting a species' recovery. Before an area can be designated as Essential Habitat, it must be identified and mapped by the DIFW and adopted through formal, public rule-making procedures.

WHY DOES THE ROSEATE TERN NEED THIS LEVEL OF PROTECTION?

Roseate terns are small, graceful seabirds that return each spring to nest and raise their young on a few traditionally used islands along the eastern coast of North America. Although exact historic figures are unknown, it is likely that several hundred pairs once nested in Maine. During the late 1800's, however, roseate tern numbers declined drastically as human-related habitat degradation and unrestricted shooting nearly eliminated the species throughout its range.

Around the turn of the century, state and federal laws were passed to prohibit indiscriminate killing of terns and other migratory birds. At the same time, human influences on coastal islands were decreasing. As a result, roseate tern numbers increased. By the early 1930's, Maine's population had grown to about 275 pairs. This recovery was not to last. Renewed pressures from habitat loss and human disturbance, combined with predation and competition from a growing gull population, initiated a second decline. By 1987, as few as 52 pairs of roseate terns nested in Maine.

In 1986, the roseate tern was listed as an Endangered Species under both the United States and Maine Endangered Species Acts. As a result of intensive management efforts, Maine's population has grown to approximately 125 pairs. Roseate terns in Maine nest on just a small handful of islands. After more than 100 years of record-keeping, they have been found on only 21 of the more than 3,500 islands off our coast. These few islands, providing the unique combination of features necessary for successful

nesting, are essential to the restoration of roseate terns in Maine. Disturbances or land use changes at these traditional sites can cause nesting failure and consequently prevent the overall population from maintaining its numbers or increasing to recovery levels. For this reason, they are the focus of Essential Habitat designation for roseate terns.

WHAT DOES ESSENTIAL HABITAT DESIGNATION MEAN TO A LANDOWNER?

Activities of private landowners are not affected by Essential Habitat designation **unless projects require a permit or license from, or are funded or carried out by, a state agency or municipality**. In these cases, the town or state agency reviewing a project must obtain an evaluation from the DIFW before issuing a decision. **No new permits or fees are required.** Designation of Essential Habitat simply establishes a standardized review process within existing state and municipal permitting processes. It ensures landowners of consistent reviews on land use permit applications where Endangered Species are involved, and eliminates the confusion, delays, and sometimes costly problems which can arise in the absence of standardized, predictable decision-making.

When projects are proposed within Essential Habitats, **landowners should initiate early consultations with the appropriate DIFW Regional Wildlife Biologist** so that concerns for Endangered Species can be incorporated into preliminary project planning and design. The Department also offers technical assistance to property owners who wish to manage their lands to enhance habitat for Endangered Species or other wildlife.

WHAT DOES ESSENTIAL HABITAT DESIGNATION MEAN TO STATE AGENCIES AND MUNICIPALITIES?

State agencies and municipalities cannot permit, license, fund, or carry out projects which will significantly alter an Essential Habitat or violate protection guidelines adopted for the habitat. Early consultations with DIFW Regional Wildlife Biologists will facilitate identification of incompatible projects or appropriate modifications to proposals within an Essential Habitat. Concerns for Endangered Species should be addressed during preliminary planning and existing agency or municipal review procedures and before seeking final DIFW evaluation. Failure to do so may result in unnecessary conflicts, delays, or project denials. The Department also offers guidance to municipalities when concerns for Endangered Species and other wildlife are being addressed in comprehensive plans and town ordinances.

HOW DO YOU DETERMINE IF A PROJECT IS WITHIN AN ESSENTIAL HABITAT?

All Essential Habitats are mapped on standard 1:24,000 U.S.G.S. topographic maps. These Essential Habitat maps are available for viewing in affected town offices, all DIFW offices, and most DEP, DMR, and LURC offices. In addition, reduced copies of maps are contained within the "Atlas Of Essential Wildlife Habitats For Maine's Endangered And Threatened Species", which can be found in all county Registry of Deeds offices, State libraries, and most State agencies.

IF ONLY A PART OF YOUR PROPERTY IS WITHIN AN ESSENTIAL HABITAT, WILL EVERY PROJECT YOU CONSIDER BE AFFECTED BY ESSENTIAL HABITAT DESIGNATION?

No. Projects located wholly outside an Essential Habitat, regardless of whether some other portion of your property is within an Essential Habitat, are not affected by this rule. **Contact a DIFW Regional Wildlife Biologist for assistance in verifying project locations relative to an Essential Habitat.**

WHAT TYPES OF PROJECTS REQUIRE DIFW EVALUATION?

Any project that is wholly or partly within an Essential Habitat and is permitted, licensed, funded, or carried out by a state agency or municipal government, requires an evaluation by the Commissioner of the DIFW. Some examples of projects that require DIFW evaluation are:

- subdivision of land
- construction or alteration of buildings, waste-water systems, or utilities
- conversion of seasonal dwellings to year round
- exemption to minimum lot size requirements
- construction or relocation of roads
- exploration or extraction of minerals
- alteration to wetlands, submerged bottomlands, or shoreland zones
- installation of docks, moorings, or aquaculture facilities

Landowners, project planners, municipalities or state agencies considering a project proposal in or near an Essential Habitat should immediately contact a DIFW Regional Wildlife Biologist for assistance. **Early consultations will help to resolve avoidable conflicts and prevent unnecessary delays, frustrations, and economic pitfalls that might otherwise arise during the final project review.**

ARE THERE PROJECTS EXEMPT FROM DIFW REVIEW?

Yes. The following are examples of projects exempt from evaluation by the Department:

- emergency repairs to existing structures and utilities
- emergency activities necessary for public health and safety
- interior repairs and construction
- any project not carried out by, funded by, or requiring a permit or license from, a state agency or municipality

WHAT ARE THE REVIEW STANDARDS FOR PROJECTS WITHIN ESSENTIAL HABITATS?

A project must not significantly alter an Essential Habitat. If the DIFW evaluation determines that significant alteration of the habitat would occur, a state agency or municipal government may not issue a permit or license for the project. The following factors are considered by the DIFW when evaluating a project proposal at roseate tern nesting areas:

- seasonal timing of project
- noise and human activity generated by project before, during, or after completion
- physical alteration to uplands, waters, or submerged lands
- impact on key habitat components such as island vegetation, nesting and roosting substrate, and foraging areas
- increase in human disturbance, predation, or competition with other species
- demonstrated tolerance of terns at the site to human activity and disturbance
- reduction in the future suitability of the nesting area for roseate terns

IS THE SEASONAL TIMING OF PROJECTS A MAJOR CONCERN?

Yes! Roseate terns are very sensitive to disturbance during their nesting season. Generally this is between **May 15 and August 31** but may vary slightly from year to year. Seasonal timing of activities will often be a determining factor in project reviews and should always be addressed in a project's design before seeking final DIFW evaluation. **Contact a DIFW Regional Wildlife Biologist for assistance in determining seasonal timing concerns.** Examples of projects often acceptable outside the critical nesting season are:

- expansion, alteration, or repair of existing structures
- construction, if all other review standards are met

ONCE AN AREA IS DESIGNATED AS ESSENTIAL HABITAT, WILL IT ALWAYS BE SO?

No. The law allows Essential Habitat designation only for Endangered or Threatened Species. Designating roseate tern nesting islands as Essential Habitat will allow Maine's roseate tern population to grow. If the species recovers to the point where it is no longer Endangered or Threatened, all Essential Habitat designations for roseate terns will be eliminated. Also, if a nesting area is no longer considered essential to achieving recovery goals for the species, Essential Habitat designation would be removed.

WHO CAN I CONTACT FOR MORE INFORMATION?

The Maine Department of Inland Fisheries and Wildlife. There are seven regional offices to assist you. Please contact a Regional Wildlife Biologist at the nearest regional headquarters:

Gray: RR#1, 358 Shaker Rd., Gray, ME 04039
(207) 657-2345

Sidney: 270 Lyons Rd., Sidney, ME 04330
(207) 547-5318

Machias: 68 Water St., Machias, ME 04654
(207) 255-4715

Strong: 689 Farmington Rd., Strong, ME 04983
(207) 778-3324

Greenville: PO Box 551, Greenville, ME 04441
(207) 695-3756

Enfield: HCR 67, Box 1066, Enfield, ME 04433
(207) 732-4132

Ashland: PO Box 447, Ashland, ME 04732
(207) 435-3231

ISSUE PROFILE

ESSENTIAL HABITAT: PIPING PLOVER AND LEAST TERN NESTING, FEEDING, AND BROOD- REARING AREAS

ENDANGERED & THREATENED SPECIES PROGRAM

October 1997

BACKGROUND

Maine's fish and wildlife are a valuable public resource, yet some species are in danger of becoming extinct within the State. The Legislature recognized this by passing the Maine Endangered Species Act in 1975. In 1988, the Legislature amended the Act by adding habitat protection provisions in recognition of two issues: 1) the effect habitat loss has on Endangered and Threatened Species in Maine; and 2) the confusion and sometimes costly problems that arise in the absence of consistent, predictable land use decision-making processes for Endangered and Threatened Species. As a result, the Commissioner of the Maine Department of Inland Fisheries and Wildlife (DIFW) may designate areas as "Essential Habitat" and develop protection guidelines for these Essential Habitats.

WHAT ARE ESSENTIAL HABITATS?

Essential Habitats are areas currently or historically providing physical or biological features essential to the conservation of an Endangered or Threatened Species in Maine and which may require special management considerations. Examples of areas that could qualify for designation are nest sites or important feeding areas. For some species, protection of these kinds of habitats is vital to preventing further declines or achieving recovery goals. This habitat protection tool is used only when habitat loss has been identified as a major factor limiting a species' recovery. Before an area can be designated as Essential Habitat, it must be identified and mapped by the DIFW and adopted through public rulemaking procedures, following Maine's Administrative Procedures Act.

WHY DO THE PIPING PLOVER AND LEAST TERN NEED THIS LEVEL OF PROTECTION?

The piping plover is a small, sandy-colored shorebird that nests on beaches from Newfoundland to South Carolina. The least tern is the smallest North American tern and nests on beaches along the East and West Coasts. Both species are imperiled throughout much of their range in the United States and Canada. Once common on sand beaches in southern Maine, the piping plover and least tern are now listed as Endangered under the Maine Endangered Species Act. The East Coast population of piping plovers is also federally-listed as Threatened. In 1997, only 45 pairs of piping plovers and 60 pairs of least terns nested in Maine.

Habitat loss and lack of undisturbed nest sites are two of the primary factors jeopardizing populations of piping plovers and least terns. Historically, Maine had more than 30 miles of suitable nesting beaches that may have supported up to 200 pairs of piping plovers and 1200 pairs of least terns. However, the construction of seawalls, jetties, piers, homes, parking lots, and other structures along Maine's sand beaches has reduced the amount of suitable nesting habitat available to these species by more than 75%. Today, only twelve sites provide suitable habitat where these two species nest, feed, and raise their young. The capability of this remaining habitat to support nesting plovers and terns is further reduced by continued development and intense recreational use. Ensuring the availability of this limited habitat is essential for the continued existence of piping plovers and least terns in Maine. Designation of these areas as Essential Habitat (on-going since 1995) will help to maintain the last remaining habitat for these endangered birds.

WHAT DOES ESSENTIAL HABITAT DESIGNATION MEAN TO A LANDOWNER?

Activities of private landowners are not affected by Essential Habitat designation **unless projects require a permit or license from, or are funded or carried out by, a state agency or municipality.** In these cases, the town or state agency reviewing a project must obtain an evaluation from the DIFW before issuing a decision. **No new permits or fees are required.** Designation of Essential Habitat simply establishes a standardized review process within existing state and municipal permitting processes. It ensures landowners of consistent reviews on land use permit applications where Endangered and Threatened Species are involved, and eliminates the confusion, delays, and sometimes costly problems which can arise in the absence of standardized, predictable decision-making.

When projects are proposed within Essential Habitats, **landowners should initiate early consultations with the appropriate DIFW Regional Wildlife Biologist** so that concerns for Endangered or Threatened Species can be incorporated into preliminary project planning and design. When projects also fall within areas governed by Maine's coastal sand dune laws, all requirements of the DEP and sand dune laws must be met before the DIFW will consider the project.

The DIFW also offers technical assistance to property owners who wish to manage their lands to enhance habitat for wildlife.

WHAT DOES ESSENTIAL HABITAT DESIGNATION MEAN TO STATE AGENCIES AND MUNICIPALITIES?

State agencies and municipalities cannot permit, license, fund, or carry out projects which will significantly alter an Essential Habitat or violate protection guidelines adopted for the habitat. Early consultations with DIFW Regional Wildlife Biologists will facilitate identification of incompatible projects or appropriate modifications to proposals within an Essential Habitat. Concerns for Endangered and Threatened Species should be addressed during preliminary planning and existing agency or municipal review procedures and before seeking final DIFW evaluation. Failure to do so may result in unnecessary conflicts, delays, or project denials. The Department also offers guidance to municipalities when wildlife concerns are being addressed in comprehensive plans and town ordinances.

HOW DO YOU DETERMINE IF A PROJECT IS WITHIN AN ESSENTIAL HABITAT?

All Essential Habitats are mapped on standard 1:24,000 U.S.G.S. topographic maps. In addition, detailed maps have been prepared for all developed beach areas on 1:9,200 color aerial photos. These maps and photos depict the precise boundaries of Essential Habitats in relation to houses, roads, seawalls and other physical features. Essential Habitat maps and detail photos are available for viewing in affected town offices, DIFW offices in Gray, Augusta, Sidney and Bangor, and DEP offices in Portland and Augusta. Reduced copies of the maps are contained within the "Atlas Of Essential Wildlife Habitats For Maine's Endangered And Threatened Species", which can be found in all county Registry of Deeds offices, State libraries, and most State agencies.

IF ONLY A PART OF YOUR PROPERTY IS WITHIN AN ESSENTIAL HABITAT, WILL EVERY PROJECT YOU CONSIDER BE AFFECTED BY ESSENTIAL HABITAT DESIGNATION?

No. Projects located wholly outside an Essential Habitat, regardless of whether some other portion of your property is within an Essential Habitat, are not affected by this rule. **Contact a DIFW Regional Wildlife Biologist for assistance in verifying project locations relative to an Essential Habitat.**

WHAT TYPES OF PROJECTS REQUIRE DIFW EVALUATION?

Any project that is wholly or partly within an Essential Habitat and is permitted, licensed, funded, or carried out by a state agency or municipal government, requires an evaluation by the Commissioner of the DIFW. Some examples of projects that require DIFW evaluation are:

- subdivision of land
- construction or alteration of buildings, waste-water systems, or utilities
- exemption to minimum lot size requirements
- construction or relocation of roads
- dredging, bulldozing, or removing or displacing soil, sand, vegetation, or other materials
- alteration to wetlands, submerged bottomlands, or shoreland zones
- installation of docks, moorings, or aquaculture facilities
- beach nourishment or dune restoration
- state or municipal beach recreation management

Landowners, project planners, municipalities or state agencies considering a project proposal in or near an Essential Habitat should immediately contact a DIFW Regional Wildlife Biologist for assistance. **Early consultations will help to resolve avoidable conflicts and prevent unnecessary delays, frustrations, and economic pitfalls that might otherwise arise during the final project review.**

ARE THERE PROJECTS EXEMPT FROM DIFW REVIEW?

Yes. The following are examples of projects exempt from evaluation by the Department:

- emergency activities necessary for public health and safety
- emergency repairs to existing utilities and structures, including seawalls and roads
- any project not carried out by, funded by, or requiring a permit or license from a state agency or municipality

WHAT ARE THE REVIEW STANDARDS FOR PROJECTS WITHIN ESSENTIAL HABITATS?

A project must not significantly alter an Essential Habitat. If the DIFW evaluation determines that significant alteration of the habitat would occur, a state agency or municipal government may not issue a permit or license for the project. The following factors are considered by the DIFW when evaluating a project proposal at piping plover and least tern nesting, feeding, and brood-rearing areas:

- seasonal timing and magnitude of project
- degradation of coastal wetlands or sand dune systems
- increase in human disturbance, predation, or competition from other species
- reduction in the future capability of the habitat to provide nesting, feeding, and brood-rearing opportunities

IS THE SEASONAL TIMING OF PROJECTS A MAJOR CONCERN?

Yes! Piping plovers and least terns are sensitive to disturbance during their nesting season. Generally this is between **May 1 and August 31** but may vary slightly from year to year. Seasonal timing of activities will often be a determining factor in project reviews and should always be addressed in a project's design before seeking final DIFW evaluation. **Contact a DIFW Regional Wildlife Biologist for assistance in determining seasonal timing concerns.**

WILL BEACHES WITHIN ESSENTIAL HABITATS CONTINUE TO BE OPEN FOR SWIMMING AND SUNBATHING?

Yes. Some of our most popular State Parks (ie. Reid and Popham Beach) are also successful tern and plover areas. They provide examples of how, if managed properly, plovers, terns and existing recreational uses of beaches can coexist.

COULD ESSENTIAL HABITAT DESIGNATION BE USED TO PREVENT REBUILDING OF STORM OR FIRE-DAMAGED STRUCTURES OR SEAWALLS?

No. This rule is not intended to preclude rebuilding of existing structures in accordance with implementation of the coastal sand dune regulations. Furthermore, emergency repairs to utilities and structures, including seawalls, are exempt from this rule.

ONCE AN AREA IS DESIGNATED AS ESSENTIAL HABITAT, WILL IT ALWAYS BE SO?

Not Necessarily. The law allows Essential Habitat designation only for Endangered or Threatened Species. Designating piping plover and least tern nesting, feeding, and brood-rearing areas as Essential Habitat will allow Maine's piping plover and least tern populations to grow. If these species recover to the point where they are no longer Endangered or Threatened, all Essential Habitat designations will be eliminated. Also, if an area is no longer considered essential to achieving recovery goals for the species, Essential Habitat designation would be removed.

WHO CAN YOU CONTACT FOR MORE INFORMATION?

The Maine Department of Inland Fisheries and Wildlife. Please contact a Regional Wildlife Biologist at the nearest regional headquarters:

Gray: RR#1, 358 Shaker Rd., Gray, ME 04039
(207) 657-2345

Sidney: 270 Lyons Rd., Sidney, ME 04330
(207) 547-5318

APPENDIX D

LIST OF ESSENTIAL HABITAT MAPS
AND THEIR CURRENT EFFECTIVE DATES

LIST OF ESSENTIAL HABITAT MAPS AND THEIR CURRENT EFFECTIVE DATES[1]

Abol Pond (2/20/98)
Addison (2/20/98)
Alligator Lake (3/31/95)
Bailey Island (3/1/93)
Baker Island (10/1/99)
Bar Harbor (10/1/99)
Bartlett Island (2/20/98)
Bass Harbor (10/1/99)
Bath (2/20/98)
Beech Hill Pond (3/1/90)
Belgrade (2/20/98)
Biddeford (5/31/95)
Biddeford Pool (10/29/98)
Big Lake (2/20/98)
Bog Lake (3/1/91)
Bois Bubert (2/20/98)
Boothbay Harbor (10/1/99)
Bottle Lake (2/20/98)
Brandy Pond (2/20/98)
Brassua Lake West (3/1/91)
Bristol (5/23/94)
Brooklin (3/1/90)
Brookton (3/1/90)
Brunswick (3/31/95)
Bucksport (2/20/98)
Burlington (3/1/91)
Burnham (3/1/93)
Calais (10/1/99)
Cape Elizabeth (10/1/99)
Cape Rosier (2/20/98)
Caribou Lake South (3/1/90)
Caucomgomoc Lake East (10/1/99)
Caucomgomoc Lake West (2/20/98)
Center Lovell (3/31/95)
Cherryfield (3/1/90)
Chesuncook (3/1/91)
Churchill Lake (2/20/98)
Clifford Lake (2/20/98)
Cross Island (2/20/98)
Cutler (2/20/98)
Damariscotta (2/20/98)
Danforth (3/1/93)
Dark Cove Mountain (3/31/95)
Deer Isle (3/31/95)
Devils Head (10/1/99)
Dexter (10/1/99)
Drisko Island (2/20/98)
East Millinocket (10/1/99)
Eastbrook (3/1/90)
Eastport (10/1/99)
Ellsworth (3/31/95)
Fairfield (2/20/98)
Farrow Mountain (3/31/95)
Fifth Musquacook Lake (2/20/98)
Fletcher Peak (3/31/95)
Forest City (3/31/95)
Freeport (2/20/98)
Gardiner (2/20/98)
Grand Lake Stream (3/31/95)
Great Wass Island (10/1/99)
Greenbush (2/20/98)
Hadley Lake (3/31/95)
Hampden (3/31/95)
Hancock (2/20/98)
Harmony (3/31/95)
Harrington (10/1/99)
Harrington Lake (2/20/98)
Hewett Island (2/20/98)
Howland (5/23/94)
Indian Pond North (3/31/95)
Isle Au Haut East (10/1/99)
Isle Au Haut West (10/1/99)
Islesboro (2/20/98)
Johns Island (10/1/99)
Jonesport (10/1/99)
Kelleyland (3/1/93)
La Pomkeag Lake (10/1/99)
Lambert Lake (10/1/99)
Leadbetter Island (2/20/98)
Lee (3/1/93)
Lily Bay (2/20/98)
Lincoln Center (3/1/92)
Lincoln West (2/20/98)
Long Lake (2/20/98)
Louds Island (2/20/98)
Lubec (2/20/98)
Machias (10/1/99)
Machias Bay (2/20/98)
Matinicus (3/1/93)
Mattamiscontis Mtn. (3/1/90)
Mattaseunk Lake (2/20/98)
Mattawamkeag (2/20/98)
Mattawamkeag Lake (2/20/98)
Meddybemps Lake East (2/20/98)

[1]Effective dates may change as maps are updated. The effective date for an individual Essential Habitat map can be found on the legend of full-size maps or in the margin on reduced-size copies. Any map with an effective date prior to what is noted for it in the above list, is no longer current and should be discarded.

Millinocket (10/1/99)
Molasses Pond (10/1/99)
Mt. Waldo (10/1/99)
New Harbor (3/1/93)
Newbury Neck (5/23/94)
Nine Meadow Ridge (2/20/98)
Nollesemic Lake (10/1/99)
Norcross (2/20/98)
North Haven East (2/20/98)
North Haven West (3/1/93)
Northeast Bluff (2/20/98)
Old Town (10/1/99)
Oquossoc (2/20/98)
Orrs Island (2/20/98)
Paulette Brook (2/20/98)
Peaked Mountain (2/20/98)
Pemadumcook Lake (2/20/98)
Pemaquid Point (3/1/93)
Pembroke (10/1/99)
Penobscot (3/31/95)
Petit Manan (2/20/98)
Phippsburg (3/1/93)
Plymouth (3/1/93)
Porcupine Mountain (2/20/98)
Portage Lake West (2/20/98)
Portland East (3/1/93)
Princeton (2/20/98)
Prouts Neck (10/29/98)
Rainbow Lake East (3/31/95)
Red Beach (10/1/99)
Richmond (10/1/99)
Rocky Pond (3/31/95)
Roque Bluffs (2/20/98)
Salmon Stream Lake (2/20/98)
Salsbury Cove (3/1/90)
Schoodic Head (2/20/98)
Scraggly Lake (2/20/98)
Seal Harbor (10/1/99)
Seboeis Lake (3/1/91)
Seboomook Lake West (3/1/91)
Simsquish Lake (2/20/98)
Small Point (5/31/95)
Soper Mountain (3/1/91)
Southwest Harbor (2/20/98)
Spencer Bay (5/23/94)
Spider Lake (2/20/98)
Square Lake East (10/1/99)
Square Lake West (3/31/95)
St Agatha (2/20/98)
Stinson Neck (2/20/98)
Stratton (10/1/99)
Sullivan (2/20/98)
Swans Island (10/1/99)
Tenants Harbor (10/1/99)
Third Musquacook Lake (10/1/99)
Thomaston (2/20/98)
Tomah Ridge (5/23/94)
Tunk Mountain (3/1/91)
Umbagog Lake North (3/31/95)
Umsaskis Lake East (10/1/99)
Unity (2/20/98)
Unity Pond (3/1/93)
Vassalboro (2/20/98)
Veazie (2/20/98)
Vinalhaven (10/1/99)
Wayne (10/1/99)
Wells (5/31/95)
West Lake (3/1/91)
West Lubec (10/1/99)
Whiting (2/20/98)
Winter Harbor (2/20/98)
Wiscasset (10/1/99)
Woodland (2/20/98)
Yarmouth (2/20/98)
York Beach (5/31/95)