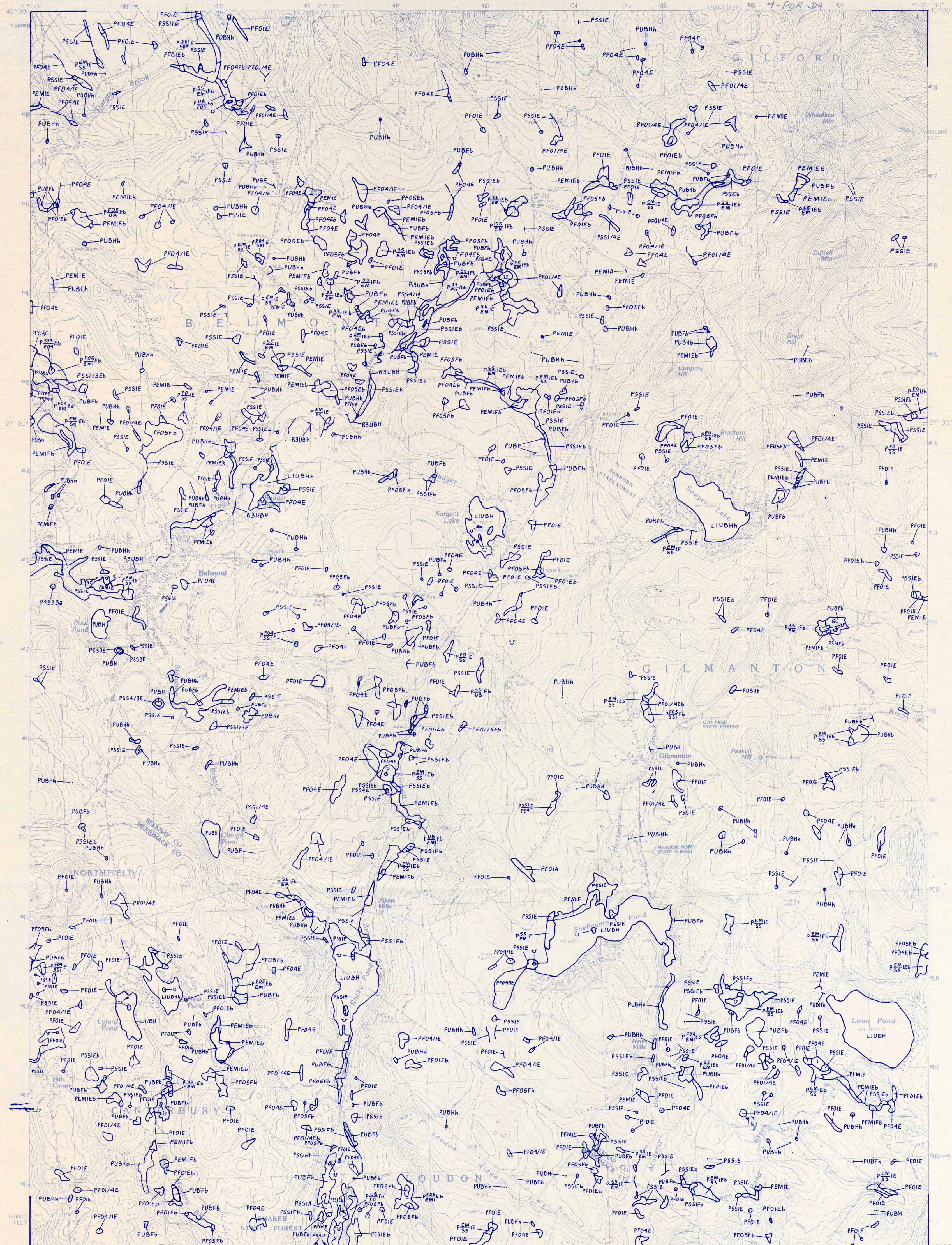


NATIONAL WETLANDS INVENTORY

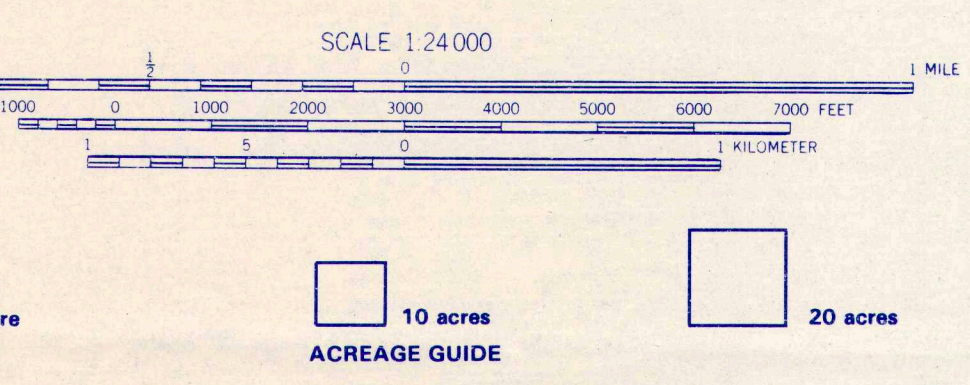
UNITED STATES DEPARTMENT OF THE INTERIOR

BELMONT, NEW HAMPSHIRE



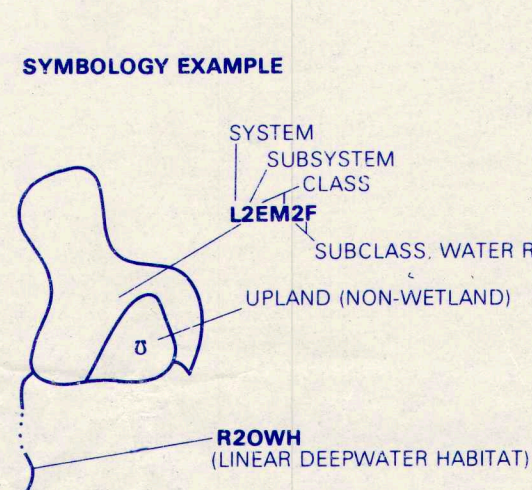
PORTLAND SW
CONCORD

BELMONT, NEW HAMPSHIRE



SPECIAL NOTE
This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with **Classification of Wetlands and Deepwater Habitats of the United States (FWS/OBS-79/31 December 1979)**. The aerial photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on this document.

Federal, State and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of the inventory, to define the limits of proprietary jurisdiction of any Federal, State or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, State or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.



NOTES TO THE USER

- Wetlands which have been field examined are indicated on the map by an asterisk (*).
- Additions or corrections to the wetlands information displayed on this map are solicited. Please forward such information to the address indicated.
- Subsystems, Classes, Subclasses, and Water Regimes in *italics* were developed specifically for NATIONAL WETLANDS INVENTORY mapping.
- Some areas designated as RASB, RASBW, OR RASBJ (INTERMITTENT STREAMS) may not meet the definition of wetland.
- This map uses the class Unconsolidated Shore (US). On earlier NWI maps that class was designated Beach/Bar (BB), or Flat (FL). Subclasses remain the same in both versions.

Other information including a narrative report concerning the wetland resources depicted on this document may be available. For information, contact:

Regional Director (ARDE) Region V
U.S. Fish and Wildlife Service
1 Gateway Center, Suite 700
Newton Corner, Massachusetts 02158

U.S. DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

Prepared by National Wetlands Inventory

AERIAL PHOTOGRAPHY

DATE: 5/86
SCALE: 1:58,000
TYPE: CIR

1990

SYSTEM	1 - SUBTIDAL	M - MARINE	2 - INTERTIDAL	1 - SUBTIDAL	E - ESTUARINE	2 - INTERTIDAL	SYSTEM
SUBSYSTEM	1 - SUBTIDAL		2 - INTERTIDAL	1 - SUBTIDAL		2 - INTERTIDAL	SUBSYSTEM
CLASS	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM	AB - AQUATIC BED	RF - REEF OW - OPEN WATER/UNKNOWN BOTTOM	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM	AB - AQUATIC BED RF - REEF OW - OPEN WATER/UNKNOWN BOTTOM	RS - ROCKY SHORE US - UNCONSOLIDATED SHORE EM - EMERGENT SS - SCRUB-SHRUB FO - FORESTED	CLASS
Subclass	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Rooted Vascular 3 Floating Vascular 4 Unknown Submergent	1 Coral 2 Mollusk 3 Worm 4 Organic	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Rooted Vascular 3 Floating Vascular 4 Unknown Submergent 5 Unknown Surface	1 Perennant 2 Nonperennant 3 Broad-Leaved Deciduous 4 Needle-Leaved Deciduous 5 Broad-Leaved Evergreen 6 Needle-Leaved Evergreen 7 Deciduous 8 Evergreen	Subclass
SYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL	1 - LIMNETIC	2 - LITTORAL
SUBSYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL	1 - LIMNETIC	2 - LITTORAL
CLASS	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM	AB - AQUATIC BED	RF - REEF OW - OPEN WATER/UNKNOWN BOTTOM	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM	AB - AQUATIC BED RF - REEF OW - OPEN WATER/UNKNOWN BOTTOM	RS - ROCKY SHORE US - UNCONSOLIDATED SHORE EM - EMERGENT SS - SCRUB-SHRUB FO - FORESTED	CLASS
Subclass	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Rooted Vascular 3 Floating Vascular 4 Unknown Submergent	1 Coral 2 Mollusk 3 Worm 4 Organic	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Rooted Vascular 3 Floating Vascular 4 Unknown Submergent 5 Unknown Surface	1 Perennant 2 Nonperennant 3 Broad-Leaved Deciduous 4 Needle-Leaved Deciduous 5 Broad-Leaved Evergreen 6 Needle-Leaved Evergreen 7 Deciduous 8 Evergreen	Subclass
SYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL	1 - LIMNETIC	2 - LITTORAL
SUBSYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL	1 - LIMNETIC	2 - LITTORAL
CLASS	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM	AB - AQUATIC BED	RF - REEF OW - OPEN WATER/UNKNOWN BOTTOM	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM	AB - AQUATIC BED RF - REEF OW - OPEN WATER/UNKNOWN BOTTOM	RS - ROCKY SHORE US - UNCONSOLIDATED SHORE EM - EMERGENT SS - SCRUB-SHRUB FO - FORESTED	CLASS
Subclass	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Rooted Vascular 3 Floating Vascular 4 Unknown Submergent	1 Coral 2 Mollusk 3 Worm 4 Organic	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Rooted Vascular 3 Floating Vascular 4 Unknown Submergent 5 Unknown Surface	1 Perennant 2 Nonperennant 3 Broad-Leaved Deciduous 4 Needle-Leaved Deciduous 5 Broad-Leaved Evergreen 6 Needle-Leaved Evergreen 7 Deciduous 8 Evergreen	Subclass

MODIFIERS

In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The format modifier may also be applied to the ecological system.

WATER REGIME	WATER CHEMISTRY	SOIL	SPECIAL MODIFIERS
Non-Tidal A. Temporarily Flooded B. Seasonally Flooded C. Permanently Flooded D. Intermittently Flooded E. Regularly Flooded F. Semi-permanently Flooded G. Intermittently Flooded H. Permanently Flooded I. Seasonally Flooded J. Artificially Flooded K. Artificially Flooded L. Seasonally Flooded M. Regularly Flooded N. Intermittently Flooded O. Unknown	Tidal S. Temporarily Flooded T. Seasonally Flooded U. Permanently Flooded V. Intermittently Flooded W. Regularly Flooded X. Unknown	Coastal Salinity 1. Polyhaline 2. Euhaline 3. Mesohaline (Brackish) 4. Polyhaline 5. Oligohaline 6. Fresh	Inland Salinity 1. Polyhaline 2. Euhaline 3. Mesohaline (Brackish) 4. Polyhaline 5. Oligohaline 6. Fresh
pH Modifiers for all Fresh Water 1. Acid 2. Neutral 3. Alkaline 4. Circumneutral 5. Alkaline	Soil 1. Organic 2. Mineral	Special Modifiers 1. Beaver 2. Partially Drained/Diked 3. Farmed 4. Diked/Impounded 5. Artificial Substrate 6. Salt 7. Exposed	