

# NATIONAL WETLANDS INVENTORY

## UNITED STATES DEPARTMENT OF THE INTERIOR

WINNIPESAUKEE NW, N.H.

71°30' 43" 45"

570 000 FEET

71°22'30" 43" 45"

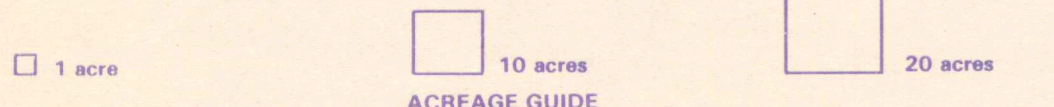
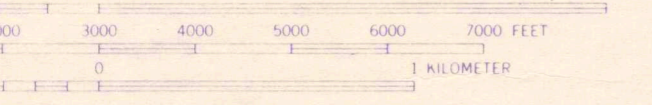


43°37'30" 71°30"

PORTLAND NW  
LAKE WINNIPESAUKEE

WINNIPESAUKEE NW, N.H.

SCALE 1:24,000



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

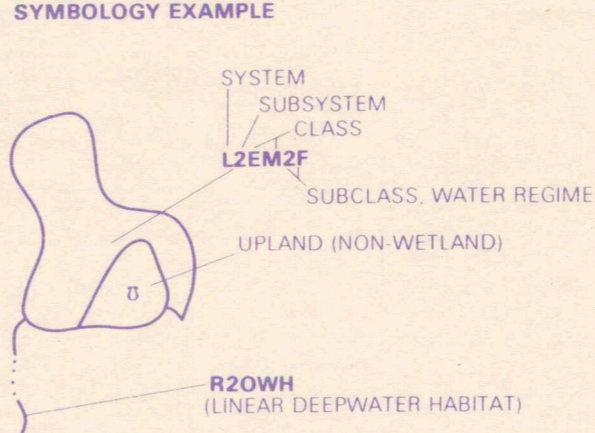
Regional Director (ARDE) Region V  
U.S. Fish and Wildlife Service  
1 Gateway Center, Suite 700  
Newton, Massachusetts 02158

### 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 this 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.

### SYMBOLGY EXAMPLE



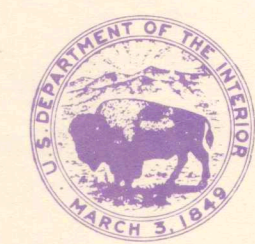
U - Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

### 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 R4SB, R4SBW, OR R4SBJ (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.

### AERIAL PHOTOGRAPHY

DATE 5 / 74 DATE / /  
SCALE 1:80000 SCALE / /  
TYPE B-W TYPE / /



U.S. DEPARTMENT OF THE INTERIOR  
FISH AND WILDLIFE SERVICE  
Prepared by National Wetlands Inventory

SYSTEM	M - MARINE										E - ESTUARINE										SYSTEM									
SUBSYSTEM	1 - SUBTIDAL					2 - INTERTIDAL					1 - SUBTIDAL					2 - INTERTIDAL					SUBSYSTEM									
CLASS	RR	ROCK BOTTOM	UB	UNCONSOLIDATED BOTTOM	AB	AQUATIC BED	RR	REEF	RS	ROCKY SHORE	US	UNCONSOLIDATED SHORE	RR	ROCK BOTTOM	UB	UNCONSOLIDATED BOTTOM	AB	AQUATIC BED	RR	REEF	RS	ROCKY SHORE	US	UNCONSOLIDATED SHORE	EM	EMERGENT	SS	SCRUB SHRUB	FG	FORESTED
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand 3 Muck 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Coral 2 Worm 3 Unknown Submerged	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Coral 2 Rubble 3 Worm 4 Organic	1 Cobble-Gravel 2 Sand 3 Muck 4 Organic	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	2 Murex 3 Worm	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Cobble-Gravel 2 Sand 3 Muck 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand 3 Muck 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Cobble-Gravel 2 Sand 3 Muck 4 Organic	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Cobble-Gravel 2 Sand 3 Muck 4 Organic	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Perennial 2 Nonperennial	1 Broad Leaved Deciduous 2 Broad Leaved Deciduous 3 Broad Leaved Evergreen 4 Broad Leaved Evergreen 5 Decid 6 Deciduous 7 Evergreen	1 Broad Leaved Deciduous 2 Broad Leaved Deciduous 3 Broad Leaved Evergreen 4 Broad Leaved Evergreen 5 Decid 6 Deciduous 7 Evergreen	

SYSTEM	R - RIVERINE										L - LACUSTRINE										SYSTEM																				
SUBSYSTEM	1 - TIDAL					2 - LOWER PERENNIAL					3 - UPPER PERENNIAL					4 - INTERMITTENT					5 - UNKNOWN PERENNIAL					SUBSYSTEM															
CLASS	RR	ROCK BOTTOM	UB	UNCONSOLIDATED BOTTOM	AB	AQUATIC BED	RR	ROCKY SHORE	US	UNCONSOLIDATED SHORE	RR	ROCKY SHORE	US	UNCONSOLIDATED SHORE	EM	EMERGENT	SS	SCRUB SHRUB	FG	FORESTED	OW	OPEN WATER	UNKNOWN BOTTOM	RR	ROCK BOTTOM	UB	UNCONSOLIDATED BOTTOM	AB	AQUATIC BED	RR	REEF	RS	ROCKY SHORE	US	UNCONSOLIDATED SHORE	EM	EMERGENT	SS	SCRUB SHRUB	FG	FORESTED
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand 3 Muck 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Coral 2 Worm 3 Unknown Submerged	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Coral 2 Rubble 3 Worm 4 Organic	1 Cobble-Gravel 2 Sand 3 Muck 4 Organic	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	2 Murex 3 Worm	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Cobble-Gravel 2 Sand 3 Muck 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand 3 Muck 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Cobble-Gravel 2 Sand 3 Muck 4 Organic	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Perennial 2 Nonperennial	1 Broad Leaved Deciduous 2 Broad Leaved Deciduous 3 Broad Leaved Evergreen 4 Broad Leaved Evergreen 5 Decid 6 Deciduous 7 Evergreen	1 Broad Leaved Deciduous 2 Broad Leaved Deciduous 3 Broad Leaved Evergreen 4 Broad Leaved Evergreen 5 Decid 6 Deciduous 7 Evergreen	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand 3 Muck 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Coral 2 Worm 3 Unknown Submerged	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Cobble-Gravel 2 Sand 3 Muck 4 Organic	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged	1 Perennial 2 Nonperennial	1 Broad Leaved Deciduous 2 Broad Leaved Deciduous 3 Broad Leaved Evergreen 4 Broad Leaved Evergreen 5 Decid 6 Deciduous 7 Evergreen	1 Broad Leaved Deciduous 2 Broad Leaved Deciduous 3 Broad Leaved Evergreen 4 Broad Leaved Evergreen 5 Decid 6 Deciduous 7 Evergreen						

MODIFIERS																					
WATER REGIME				WATER CHEMISTRY				SOIL		SPECIAL MODIFIERS											
Non Tidal				Tidal				Coastal Salinity		Inland Salinity											
A	Temporarily Flooded	H	Permanently Flooded	K	Archaically Flooded	TS	Temporary Tidal	1	Hypersaline	1	Organic	1	Alkal	1	Alkal	1	Alkal	1	Alkal	1	Alkal
B	Seasonally Flooded	I	Intermittently Flooded	L	Subtidal	TT	Temporary Tidal	2	Hypersaline	2	Organic	2	Alkal	2	Alkal	2	Alkal	2	Alkal	2	Alkal
C	Temporarily Flooded	J	Intermittently Flooded	M	Regularly Flooded	TTT	Temporary Tidal	3	Hypersaline	3	Organic	3	Alkal	3	Alkal	3	Alkal	3	Alkal	3	Alkal
D	Seasonally Flooded	K	Archaically Flooded	N	Regularly Flooded	TTT	Temporary Tidal	4	Hypersaline	4	Organic	4	Alkal	4	Alkal	4	Alkal	4	Alkal	4	Alkal
E	Temporarily Flooded	L	Subtidal	O	Unknown Flooded	TTT	Temporary Tidal	5	Hypersaline	5	Organic	5	Alkal	5	Alkal	5	Alkal	5	Alkal	5	Alkal
F	Seasonally Flooded	M	Regularly Flooded	P	Temporarily Flooded	TTT	Temporary Tidal	6	Hypersaline	6	Organic	6	Alkal	6	Alkal	6	Alkal	6	Alkal	6	Alkal
G	Temporarily Flooded	N	Regularly Flooded	Q	Unknown Flooded	TTT	Temporary Tidal	7	Hypersaline	7	Organic	7	Alkal	7	Alkal	7	Alkal	7	Alkal	7	Alkal
H	Permanently Flooded	O	Unknown Flooded	R	Temporarily Flooded	TTT	Temporary Tidal	8	Hypersaline	8	Organic	8	Alkal	8	Alkal	8	Alkal	8	Alkal	8	Alkal
I	Intermittently Flooded	P	Temporarily Flooded	S	Unknown Flooded	TTT	Temporary Tidal	9	Hypersaline	9	Organic	9	Alkal	9	Alkal	9	Alkal	9	Alkal	9	Alkal
J	Intermittently Flooded	Q	Unknown Flooded	T	Temporarily Flooded	TTT	Temporary Tidal	10	Hypersaline	10	Organic	10	Alkal	10	Alkal	10	Alkal	10	Alkal	10	Alkal
K	Archaically Flooded	R	Temporarily Flooded	U	Unknown Flooded	TTT	Temporary Tidal	11	Hypersaline	11	Organic	11	Alkal	11	Alkal	11	Alkal	11	Alkal	11	Alkal
L	Subtidal	S	Unknown Flooded	V	Unknown Flooded	TTT	Temporary Tidal	12	Hypersaline	12	Organic	12	Alkal	12	Alkal	12	Alkal	12	Alkal	12	Alkal
M	Regularly Flooded	T	Temporarily Flooded	W	Unknown Flooded	TTT	Temporary Tidal	13	Hypersaline	13	Organic	13	Alkal	13	Alkal	13	Alkal	13	Alkal	13	Alkal
N	Regularly Flooded	U	Unknown Flooded	X	Unknown Flooded	TTT	Temporary Tidal	14	Hypersaline	14	Organic	14	Alkal	14	Alkal	14	Alkal	14	Alkal	14	Alkal
O	Unknown Flooded	V	Unknown Flooded	Y	Unknown Flooded	TTT	Temporary Tidal	15	Hypersaline	15	Organic	15	Alkal	15	Alkal	15	Alkal	15	Alkal	15	Alkal
P	Temporarily Flooded	W	Unknown Flooded	Z	Unknown Flooded	TTT	Temporary Tidal	16	Hypersaline	16	Organic	16	Alkal	16	Alkal	16	Alkal	16	Alkal	16	Alkal
Q	Unknown Flooded	X	Unknown Flooded	AA	Unknown Flooded	TTT	Temporary Tidal	17	Hypersaline	17	Organic	17	Alkal	17	Alkal	17	Alkal	17	Alkal	17	Alkal
R	Temporarily Flooded	Y	Unknown Flooded	AB	Unknown Flooded	TTT	Temporary Tidal	18	Hypersaline	18	Organic	18	Alkal	18	Alkal	18	Alkal	18	Alkal	18	Alkal
S	Unknown Flooded	Z	Unknown Flooded	AC	Unknown Flooded	TTT	Temporary Tidal	19	Hypersaline	19	Organic	19	Alkal	19	Alkal	19	Alkal	19	Alkal	19	Alkal
T	Temporarily Flooded	AA	Unknown Flooded	AD	Unknown Flooded	TTT	Temporary Tidal	20	Hypersaline	20	Organic	20	Alkal	20	Alkal	20	Alkal	20	Alkal	20	Alkal
U	Unknown Flooded	AB	Unknown Flooded	AE	Unknown Flooded	TTT	Temporary Tidal	21	Hypersaline	21	Organic	21	Alkal	21	Alkal	21	Alkal	21	Alkal	21	Alkal
V	Unknown Flooded	AC	Unknown Flooded	AF	Unknown Flooded	TTT	Temporary Tidal	22	Hypersaline	22	Organic	22	Alkal	22	Alkal	22	Alkal	22	Alkal	22	Alkal
W	Unknown Flooded	AD	Unknown Flooded	AG	Unknown Flooded	TTT	Temporary Tidal	23	Hypersaline	23	Organic	23	Alkal	23	Alkal	23	Alkal	23	Alkal	23	Alkal
X	Unknown Flooded	AE	Unknown Flooded	AH	Unknown Flooded	TTT	Temporary Tidal	24	Hypersaline	24	Organic	24	Alkal	24	Alkal	24	Alkal	24	Alkal	24	Alkal
Y	Unknown Flooded	AF	Unknown Flooded	AI	Unknown Flooded	TTT	Temporary Tidal	25	Hypersaline	25	Organic	25	Alkal	25	Alkal	25	Alkal	25	Alkal	25	Alkal
Z	Unknown Flooded	AG	Unknown Flooded	AJ	Unknown Flooded	TTT	Temporary Tidal	26	Hypersaline	26	Organic	26	Alkal	26	Alkal	26	Alkal	26	Alkal	26	Alkal
AA	Unknown Flooded	AH	Unknown Flooded	AK	Unknown Flooded	TTT	Temporary Tidal	27	Hypersaline	27	Organic	27	Alkal	27	Alkal	27	Alkal	27	Alkal	27	Alkal
AB	Unknown Flooded	AI	Unknown Flooded	AL	Unknown Flooded	TTT	Temporary Tidal	28	Hypersaline	28	Organic	28	Alkal	28	Alkal	28	Alkal	28	Alkal	28	Alkal
AC	Unknown Flooded	AJ	Unknown Flooded	AM	Unknown Flooded	TTT	Temporary Tidal	29	Hypersaline	29	Organic	29	Alkal	29	Alkal	29	Alkal	29	Alkal	29	Alkal
AD	Unknown Flooded	AK	Unknown Flooded	AN	Unknown Flooded	TTT	Temporary Tidal	30	Hypersaline	30	Organic	30	Alkal	30	Alkal	30	Alkal	30	Alkal	30	Alkal
AE	Unknown Flooded	AL	Unknown Flooded	AO	Unknown Flooded	TTT	Temporary Tidal	31	Hypersaline	31	Organic	31	Alkal	31	Alkal	31	Alkal	31	Alkal	31	Alkal
AF	Unknown Flooded	AM	Unknown Flooded	AP	Unknown Flooded	TTT	Temporary Tidal	32	Hypersaline	32	Organic	32	Alkal	32	Alkal	32	Alkal	32	Alkal	32	Alkal
AG	Unknown Flooded	AN	Unknown Flooded	AQ	Unknown Flooded	TTT	Temporary Tidal	33	Hypersaline	33	Organic	33	Alkal	33	Alkal	33	Alkal	33	Alkal	33	Alkal
AH	Unknown Flooded	AO	Unknown Flooded	AR	Unknown Flooded	TTT	Temporary Tidal	34	Hypersaline	34	Organic	34	Alkal	34	Alkal	34	Alkal	34	Alkal	34	Alkal
AI	Unknown Flooded	AP	Unknown Flooded	AS	Unknown Flooded	TTT	Temporary Tidal	35	Hypersaline	35	Organic	35	Alkal	35	Alkal	35	Alkal	35	Alkal	35	Alkal
AJ	Unknown Flooded	AQ	Unknown Flooded	AT	Unknown Flooded	TTT	Temporary Tidal	36	Hypersaline	36	Organic	36	Alkal	36	Alkal	36	Alkal	36	Alkal	36	Alkal
AK	Unknown Flooded	AR	Unknown Flooded	AU	Unknown Flooded	TTT	Temporary Tidal	37	Hypersaline	37	Organic	37	Alkal	37	Alkal	37	Alkal	37	Alkal	37	Alkal
AL	Unknown Flooded	AS	Unknown Flooded	AV	Unknown Flooded	TTT	Temporary Tidal	38	Hypersaline	38	Organic	38	Alkal	38	Alkal	38	Alkal	38	Alkal	38	Alkal
AM	Unknown Flooded	AT	Unknown Flooded	AW	Unknown Flooded	TTT	Temporary Tidal	39	Hypersaline	39	Organic	39	Alkal	39	Alkal	39	Alkal	39	Alkal	39	Alkal
AN	Unknown Flooded	AU	Unknown Flooded	AX	Unknown Flooded	TTT	Temporary Tidal	40	Hypersaline	40	Organic	40	Alkal	40	Alkal	40	Alkal	40	Alkal	40	Alkal
AO	Unknown Flooded	AV	Unknown Flooded	AY	Unknown Flooded	TTT	Temporary Tidal	41	Hypersaline	41	Organic	41	Alkal	41	Alkal	41	Alkal	41	Alkal	41	Alkal
AP	Unknown Flooded	AW	Unknown Flooded	AZ	Unknown Flooded	TTT	Temporary Tidal	42	Hypersaline	42	Organic	42	Alkal	42	Alkal	42	Alkal	42	Alkal	42	Alkal
AQ	Unknown Flooded	AX	Unknown Flooded	BA	Unknown Flooded	TTT	Temporary Tidal	43	Hypersaline	43	Organic	43	Alkal	43	Alkal	43	Alkal	43	Alkal	43	Alkal
AR	Unknown Flooded	AY	Unknown Flooded	BB	Unknown Flooded	TTT	Temporary Tidal	44	Hypersaline	44	Organic	44	Alkal	44	Alkal	44	Alkal	44	Alkal	44	Alkal
AS	Unknown Flooded	AZ	Unknown Flooded																		