Section II-iii-J

Physical and Chemical Properties

General

This table shows estimates of some characteristics and features that affect soil behavior. These estimates are given for the major layers of each soil in the survey area. The estimates are based on field observations and on test data for these and similar soils. Information in this table includes depth, percent clay, moist bulk density, permeability, available water capacity, soil reaction, salinity, shrink-swell potential, K and T erosion factors, wind erodibilty group, and percent organic matter.

Properties

Depth to the upper and lower boundaries of each layer is indicated.

Clay (percent) as a soil separate, or component, consists of mineral soil particles that are less thn 0.002 millimeter in diameter. The estimated clay content of each major soil layer is given as a percentage, by weight, of the soil material that is less than 2 millimeters in diameter.

Moist bulk density is the weight of soil (ovendry) per unit volume. Volume is measured when the soil is at field moisture capacity, that is, the moisture content at 1/3 bar moisture tension. Weight is determined after drying the soil at 105 degrees C. The estimated moist bulk density of each major soil horizon is expressed in grams per cubic centimeter of soil material that is less than 2 millimeters in diameter.

Permeability refers to the ability of a soil to transmit water or air. The estimates indicate the rate of movement of water through the soil when the soil is saturated. They are based on soil characteristics observed in the field, particularly structure, porosity, and texture.

Available water capacity refers to the quantity of water that the soil is capable of storing for use by plants. The capacity for water storage in each major soil layer is stated in inches of water per inch of soil. The capacity varies, depending on soil properties that affect the retention of water and the depth of the root zone.

Soil reaction is a measure of acidity or alkalinity and is expressed as a range in pH values. The range in pH of each major horizon is based on many field tests. For many soils, values have been verified by laboratory.

Salinity is a measure of soluble salts in the soil at saturation. It is expressed as the electrical conductivity of the saturation extract, in millimhos per centimeter at 25 degrees C. Estimates are based on field and laboratory measurements at typical sites of nonirrigated soils.

Shrink-swell potential is the potential for volume change in a soil with a loss or gain in moisture. Volume change occurs mainly because of the interaction of clay minerals with water and varies with the amount and type of clay minerals in the soil.

Erosion factor K indicates the susceptibilty of a soil to sheet and rill erosion by water (See Section II-iii-A, Cropland Interpretations).

Erosion factor T is an estimate of the maximum average annual rate of soil erosion that can occur over a sustained period without affecting crop productivity. The rate is expressed in tons per acre per year (See Section II-iii-A, Cropland Interpretations).

Organic matter is the plant and animal residue in the soil at various stages of decomposition.

See the National Soil Survey Handbook, Part 618, for definitions and discussion of particular properties.

Physical Properties of the Soils

Hancock County Area, Maine

Entries under "Erosion Factors--T" apply to the entire profile. Entries under "Wind Erodibility Group" and "Wind Erodibility Index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Erosion Factors Kf Kf	Erosion Factors T T	Wind Erodi-bility Group	Wind Erodi-bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
AdB:														
Adams	0-3	---	---	0-5	1.00-1.30	42.34-141.14	0.06-0.12	0.0-2.9	2.0-5.0	.17	.17	5	2	134
	3-24	---	---	0-5	1.10-1.45	42.34-141.14	0.03-0.10	0.0-2.9	1.0-3.0	.17	.17			
	24-65	---	---	0-5	1.20-1.50	141.14-705.00	0.03-0.04	0.0-2.9	0.0-0.5	.17	.17			
AdC:														
Adams	0-3	---	---	0-5	1.00-1.30	42.34-141.14	0.06-0.12	0.0-2.9	2.0-5.0	.17	.17	5	2	134
	3-24	---	---	0-5	1.10-1.45	42.34-141.14	0.03-0.10	0.0-2.9	1.0-3.0	.17	.17			
	24-65	---	---	0-5	1.20-1.50	141.14-705.00	0.03-0.04	0.0-2.9	0.0-0.5	.17	.17			
Bd:														
Biddeford	0-9	---	---	0	0.10-0.30	1.41-42.34	0.20-0.45	---	30-99	---	---	4	8	0
	9-19	---	---	20-50	0.90-1.20	1.41-14.11	0.24-0.34	0.0-2.9	0.0-10	.32	.32			
	19-25	---	---	35-55	1.30-1.70	0.00-1.41	0.13-0.23	3.0-5.9	0.5-3.0	.49	.49			
	25-65	---	---	35-55	1.40-1.80	0.00-1.41	0.06-0.16	3.0-5.9	0.0-0.5	.49	.49			
BfB:														
Brayton	0-9	---	---	4-10	1.00-1.30	4.23-14.11	0.18-0.25	0.0-2.9	2.0-8.0	.24	.24	2	3	86
	9-18	---	---	4-10	1.40-1.65	4.23-14.11	0.12-0.28	0.0-2.9	0.5-2.0	.32	.37			
	18-65	---	---	4-10	1.70-2.00	0.42-4.23	0.01-0.06	0.0-2.9	0.0-0.5	.24	.28			
BgB:														
Brayton	0-9	---	---	4-10	1.00-1.30	4.23-14.11	0.18-0.28	0.0-2.9	4.0-8.0	.20	.28	3	8	0
	9-22	---	---	4-10	1.40-1.65	4.23-14.11	0.12-0.28	0.0-2.9	0.5-2.0	.32	.37			
	22-65	---	---	4-10	1.70-2.00	0.42-4.23	0.01-0.06	0.0-2.9	0.0-0.5	.24	.28			
BhB:														
Brayton	0-9	---	---	4-10	1.00-1.30	4.23-14.11	0.15-0.25	0.0-2.9	4.0-8.0	.15	.28	3	8	0
	9-22	---	---	4-10	1.40-1.65	4.23-14.11	0.12-0.28	0.0-2.9	0.5-2.0	.32	.37			
	22-65	---	---	4-10	1.70-2.00	0.42-4.23	0.01-0.06	0.0-2.9	0.0-0.5	.24	.28			

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Kf Kf	T T	Wind Erodi-bility bility Group	Wind Erodi-bility bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
BSB:														
Brayton	0-9	---	---	4-10	1.00-1.30	4.23-14.11	0.18-0.28	0.0-2.9	4.0-8.0	.20	.28	3	8	0
	9-22	---	---	4-10	1.40-1.65	4.23-14.11	0.12-0.28	0.0-2.9	0.5-2.0	.32	.37			
	22-65	---	---	4-10	1.70-2.00	0.42-4.23	0.01-0.06	0.0-2.9	0.0-0.5	.24	.28			
Colonel	0-3	---	---	3-10	0.90-1.20	4.23-14.11	0.15-0.25	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	3-20	---	---	3-10	1.00-1.60	4.23-14.11	0.15-0.25	0.0-2.9	0.5-4.0	.24	.28			
	20-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.15	0.0-2.9	0.0-0.5	.20	.24			
BTB:														
Brayton	0-9	---	---	4-10	1.00-1.30	4.23-14.11	0.15-0.25	0.0-2.9	4.0-8.0	.15	.28	3	8	0
	9-22	---	---	4-10	1.40-1.65	4.23-14.11	0.12-0.28	0.0-2.9	0.5-2.0	.32	.37			
	22-65	---	---	4-10	1.70-2.00	0.42-4.23	0.01-0.06	0.0-2.9	0.0-0.5	.24	.28			
Colonel	0-3	---	---	3-10	0.90-1.20	4.23-14.11	0.12-0.22	0.0-2.9	0.0-2.0	.15	.20	3	8	0
	3-20	---	---	3-10	1.00-1.60	4.23-14.11	0.15-0.25	0.0-2.9	0.5-4.0	.24	.28			
	20-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.15	0.0-2.9	0.0-0.5	.20	.24			
BwC:														
Buxton	0-8	---	---	15-30	0.90-1.20	1.41-14.11	0.25-0.30	0.0-2.9	3.0-8.0	.32	.32	3	6	48
	8-16	---	---	20-45	1.10-1.55	0.42-4.23	0.13-0.28	3.0-5.9	0.5-3.0	.49	.49			
	16-35	---	---	20-45	1.40-1.70	0.00-1.41	0.10-0.16	3.0-5.9	0.0-1.0	.49	.49			
	35-65	---	---	35-55	1.40-1.80	0.00-1.41	0.06-0.16	3.0-5.9	0.0-0.5	.49	.49			
BwD:														
Buxton	0-4	---	---	15-30	0.90-1.20	1.41-14.11	0.25-0.30	0.0-2.9	3.0-8.0	.32	.32	3	6	48
	4-12	---	---	20-45	1.10-1.55	0.42-4.23	0.13-0.28	3.0-5.9	0.5-3.0	.49	.49			
	12-31	---	---	20-45	1.40-1.70	0.00-1.41	0.10-0.16	3.0-5.9	0.0-1.0	.49	.49			
	31-65	---	---	35-55	1.40-1.80	0.00-1.41	0.06-0.16	3.0-5.9	0.0-0.5	.49	.49			
Ch:														
Charles	0-6	---	---	2-18	0.90-1.35	4.23-14.11	0.20-0.40	0.0-2.9	5.0-10	.32	.32	5	3	86
	6-65	---	---	2-18	1.00-1.50	4.23-14.11	0.20-0.40	0.0-2.9	1.0-4.0	.49	.49			
CoB:														

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Kf Kf	T T	Wind Erodi-bility bility Group	Wind Erodi-bility bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
CoB:														
Colton	0-4	---	---	1-7	1.10-1.40	42.34-141.14	0.09-0.12	0.0-2.9	2.0-6.0	.20	.24	5	3	86
	4-8	---	---	0-7	1.15-1.45	42.34-141.14	0.05-0.12	0.0-2.9	0.5-2.0	.24	.24			
	8-20	---	---	0-5	1.25-1.55	42.34-141.14	0.02-0.05	0.0-2.9	0.0-0.5	.15	.17			
	20-65	---	---	0-3	1.45-1.65	141.14-705.0 0	0.01-0.02	0.0-2.9	---	.10	.17			
CoC:														
Colton	0-4	---	---	1-7	1.10-1.40	42.34-141.14	0.09-0.12	0.0-2.9	2.0-6.0	.20	.24	5	3	86
	4-8	---	---	0-7	1.15-1.45	42.34-141.14	0.05-0.12	0.0-2.9	0.5-2.0	.24	.24			
	8-20	---	---	0-5	1.25-1.55	42.34-141.14	0.02-0.05	0.0-2.9	0.0-0.5	.15	.17			
	20-65	---	---	0-3	1.45-1.65	141.14-705.0 0	0.01-0.02	0.0-2.9	---	.10	.17			
CoE:														
Colton	0-4	---	---	1-7	1.10-1.40	42.34-141.14	0.09-0.12	0.0-2.9	2.0-6.0	.20	.24	5	3	86
	4-8	---	---	0-7	1.15-1.45	42.34-141.14	0.05-0.12	0.0-2.9	0.5-2.0	.24	.24			
	8-20	---	---	0-5	1.25-1.55	42.34-141.14	0.02-0.05	0.0-2.9	0.0-0.5	.15	.17			
	20-65	---	---	0-3	1.45-1.65	141.14-705.0 0	0.01-0.02	0.0-2.9	---	.10	.17			
CRE:														
Colton	0-4	---	---	1-7	1.10-1.40	42.34-141.14	0.09-0.12	0.0-2.9	2.0-6.0	.20	.24	5	3	86
	4-8	---	---	0-7	1.15-1.45	42.34-141.14	0.05-0.12	0.0-2.9	0.5-2.0	.24	.24			
	8-20	---	---	0-5	1.25-1.55	42.34-141.14	0.02-0.05	0.0-2.9	0.0-0.5	.15	.17			
	20-65	---	---	0-3	1.45-1.65	141.14-705.0 0	0.01-0.02	0.0-2.9	---	.10	.17			
Adams	0-3	---	---	0-5	1.00-1.30	42.34-141.14	0.06-0.12	0.0-2.9	2.0-5.0	.17	.17	5	2	134
	3-24	---	---	0-5	1.10-1.45	42.34-141.14	0.03-0.10	0.0-2.9	1.0-3.0	.17	.17			
	24-65	---	---	0-5	1.20-1.50	141.14-705.0 0	0.03-0.04	0.0-2.9	0.0-0.5	.17	.17			
CSC:														

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Kf Kf	T T	Wind Erodi-bility bility Group	Wind Erodi-bility bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
CSC:														
Colton	0-4	---	---	1-7	1.10-1.40	42.34-141.14	0.09-0.12	0.0-2.9	2.0-6.0	.20	.24	5	3	86
	4-8	---	---	0-7	1.15-1.45	42.34-141.14	0.05-0.12	0.0-2.9	0.5-2.0	.24	.24			
	8-20	---	---	0-5	1.25-1.55	42.34-141.14	0.02-0.05	0.0-2.9	0.0-0.5	.15	.17			
	20-65	---	---	0-3	1.45-1.65	141.14-705.00	0.01-0.02	0.0-2.9	---	.10	.17			
Adams	0-3	---	---	0-5	1.00-1.30	42.34-141.14	0.06-0.12	0.0-2.9	2.0-5.0	.17	.17	5	2	134
	3-24	---	---	0-5	1.10-1.45	42.34-141.14	0.03-0.10	0.0-2.9	1.0-3.0	.17	.17			
	24-65	---	---	0-5	1.20-1.50	141.14-705.00	0.03-0.04	0.0-2.9	0.0-0.5	.17	.17			
Sheepscot	0-7	---	---	3-5	1.00-1.30	4.23-42.34	0.11-0.21	0.0-2.9	2.0-6.0	.17	.17	2	3	86
	7-18	---	---	1-5	1.20-1.50	4.23-42.34	0.06-0.15	0.0-2.9	0.5-1.0	.10	.15			
	18-24	---	---	0-3	1.45-1.70	42.34-141.14	0.02-0.09	0.0-2.9	0.5-1.0	.10	.20			
	24-65	---	---	0-3	1.45-1.70	42.34-141.14	0.01-0.06	0.0-2.9	0.0-0.5	.05	.17			
DaB:														
Dixfield	0-6	---	---	3-10	0.90-1.20	4.23-14.11	0.20-0.30	0.0-2.9	4.0-8.0	.20	.20	3	3	86
	6-26	---	---	3-10	1.30-1.60	4.23-14.11	0.20-0.30	0.0-2.9	0.5-3.0	.24	.28			
	26-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
DaC:														
Dixfield	0-6	---	---	3-10	0.90-1.20	4.23-14.11	0.20-0.30	0.0-2.9	4.0-8.0	.20	.20	3	3	86
	6-26	---	---	3-10	1.30-1.60	4.23-14.11	0.20-0.30	0.0-2.9	0.5-3.0	.24	.28			
	26-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
DbC:														
Dixfield	0-6	---	---	3-10	0.90-1.20	4.23-14.11	0.18-0.28	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	6-28	---	---	3-10	1.00-1.60	4.23-14.11	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	28-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
DsB:														
Dixfield	0-6	---	---	3-10	0.90-1.20	4.23-14.11	0.20-0.30	0.0-2.9	4.0-8.0	.20	.20	3	3	86
	6-26	---	---	3-10	1.30-1.60	4.23-14.11	0.20-0.30	0.0-2.9	0.5-3.0	.24	.28			
	26-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Erosion Factors Kf Kf	Erosion Factors T T	Wind Erodi-bility bility Group	Wind Erodi-bility bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
DsB:														
Colonel	0-6	---	---	3-10	0.90-1.20	4.23-14.11	0.20-0.30	0.0-2.9	4.0-8.0	.20	.20	2	3	86
	6-18	---	---	3-10	1.00-1.60	4.23-14.11	0.15-0.25	0.0-2.9	0.5-2.0	.24	.28			
	18-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.15	0.0-2.9	0.0-0.5	.20	.24			
DtB:														
Dixfield	0-6	---	---	3-10	0.90-1.20	4.23-14.11	0.18-0.28	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	6-28	---	---	3-10	1.00-1.60	4.23-14.11	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	28-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
Colonel	0-3	---	---	3-10	0.90-1.20	4.23-14.11	0.15-0.25	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	3-20	---	---	3-10	1.00-1.60	4.23-14.11	0.15-0.25	0.0-2.9	0.5-4.0	.24	.28			
	20-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.15	0.0-2.9	0.0-0.5	.20	.24			
DWB:														
Dixfield	0-6	---	---	3-10	0.90-1.20	4.23-14.11	0.18-0.28	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	6-28	---	---	3-10	1.00-1.60	4.23-14.11	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	28-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
Colonel	0-3	---	---	3-10	0.90-1.20	4.23-14.11	0.15-0.25	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	3-20	---	---	3-10	1.00-1.60	4.23-14.11	0.15-0.25	0.0-2.9	0.5-4.0	.24	.28			
	20-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.15	0.0-2.9	0.0-0.5	.20	.24			
Tunbridge	0-6	---	---	5-9	0.80-1.20	4.23-42.34	0.11-0.21	0.0-2.9	2.0-8.0	.20	.24	2	8	0
	6-19	---	---	3-9	1.20-1.40	4.23-42.34	0.10-0.21	0.0-2.9	2.0-6.0	.20	.24			
	19-33	---	---	3-7	1.20-1.50	4.23-42.34	0.09-0.15	0.0-2.9	1.0-2.0	.20	.24			
	33-37	---	---	---	---	0.07-141.14	---	---	---	---	---			
Go:														
Gouldsboro	0-5	---	---	18-35	1.20-1.50	1.41-14.11	0.12-0.24	0.0-2.9	5.0-20	.32	.32	5	8	0
	5-65	---	---	18-35	1.30-1.60	0.00-1.41	0.12-0.24	3.0-5.9	0.0-20	.37	.37			
Gt:														

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Erosion Factors Kf Kf	Erosion Factors T T	Wind Erodi-bility bility Group	Wind Erodi-bility bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
Gt:														
Gouldsboro	0-5	---	---	18-35	1.20-1.50	1.41-14.11	0.12-0.24	0.0-2.9	5.0-20	.32	.32	5	8	0
	5-65	---	---	18-35	1.30-1.60	0.00-1.41	0.12-0.24	3.0-5.9	0.0-20	.37	.37			
Beaches	0-6	---	---	0-1	---	42.34-141.14	0.01-0.03	0.0-2.9	0.0-0.1	.02	---	5	8	0
	6-60	---	---	0-1	---	42.34-141.14	0.01-0.03	0.0-2.9	---	.02	---			
HcC:														
Hermon	0-3	---	---	2-6	0.85-1.20	14.11-141.14	0.07-0.15	0.0-2.9	0.0-2.0	.10	.17	5	8	0
	3-12	---	---	2-6	0.85-1.20	14.11-141.14	0.07-0.20	0.0-2.9	3.0-7.0	.10	.15			
	12-65	---	---	2-7	0.85-1.30	14.11-141.14	0.05-0.10	0.0-2.9	0.5-3.0	.10	.17			
Colton	0-4	---	---	1-7	1.10-1.40	42.34-141.14	0.09-0.12	0.0-2.9	2.0-6.0	.20	.24	5	3	86
	4-8	---	---	0-7	1.15-1.45	42.34-141.14	0.05-0.12	0.0-2.9	0.5-2.0	.24	.24			
	8-20	---	---	0-5	1.25-1.55	42.34-141.14	0.02-0.05	0.0-2.9	0.0-0.5	.15	.17			
	20-65	---	---	0-3	1.45-1.65	141.14-705.0 0	0.01-0.02	0.0-2.9	---	.10	.17			
Rock Outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
HmB:														
Hermon	0-6	---	---	2-6	0.85-1.20	14.11-141.14	0.09-0.20	0.0-2.9	3.0-7.0	.17	.17	5	3	86
	6-65	---	---	2-7	0.85-1.30	14.11-141.14	0.05-0.10	0.0-2.9	0.5-3.0	.10	.17			
Monadnock	0-8	---	---	1-8	0.80-1.20	4.23-14.11	0.15-0.21	0.0-2.9	3.0-8.0	.28	.28	3	3	86
	8-18	---	---	1-8	0.80-1.30	4.23-14.11	0.09-0.17	0.0-2.9	---	.28	.28			
	18-65	---	---	1-5	1.30-1.60	14.11-42.34	0.04-0.08	0.0-2.9	---	.17	.20			
HmC:														
Hermon	0-6	---	---	2-6	0.85-1.20	14.11-141.14	0.09-0.20	0.0-2.9	3.0-7.0	.17	.17	5	3	86
	6-65	---	---	2-7	0.85-1.30	14.11-141.14	0.05-0.10	0.0-2.9	0.5-3.0	.10	.17			
Monadnock	0-8	---	---	1-8	0.80-1.20	4.23-14.11	0.15-0.21	0.0-2.9	3.0-8.0	.28	.28	3	3	86
	8-18	---	---	1-8	0.80-1.30	4.23-14.11	0.09-0.17	0.0-2.9	---	.28	.28			
	18-65	---	---	1-5	1.30-1.60	14.11-42.34	0.04-0.08	0.0-2.9	---	.17	.20			

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Erosion Factors Kf Kf	Erosion Factors T T	Wind Erodi-bility bility Group	Wind Erodi-bility bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
HmC:														
HtB:														
Hermon	0-3	---	---	2-6	0.85-1.20	14.11-141.14	0.07-0.15	0.0-2.9	0.0-2.0	.10	.17	5	8	0
	3-12	---	---	2-6	0.85-1.20	14.11-141.14	0.07-0.20	0.0-2.9	3.0-7.0	.10	.15			
	12-65	---	---	2-7	0.85-1.30	14.11-141.14	0.05-0.10	0.0-2.9	0.5-3.0	.10	.17			
Monadnock	0-8	---	---	1-8	0.80-1.20	4.23-14.11	0.10-0.20	0.0-2.9	---	.24	.28	3	3	86
	8-20	---	---	1-8	0.80-1.30	4.23-14.11	0.09-0.17	0.0-2.9	---	.28	.32			
	20-65	---	---	1-5	1.30-1.60	14.11-42.34	0.04-0.08	0.0-2.9	---	.17	.24			
HtC:														
Hermon	0-3	---	---	2-6	0.85-1.20	14.11-141.14	0.07-0.15	0.0-2.9	0.0-2.0	.10	.17	5	8	0
	3-12	---	---	2-6	0.85-1.20	14.11-141.14	0.07-0.20	0.0-2.9	3.0-7.0	.10	.15			
	12-65	---	---	2-7	0.85-1.30	14.11-141.14	0.05-0.10	0.0-2.9	0.5-3.0	.10	.17			
Monadnock	0-8	---	---	1-8	0.80-1.20	4.23-14.11	0.10-0.20	0.0-2.9	---	.24	.28	3	3	86
	8-20	---	---	1-8	0.80-1.30	4.23-14.11	0.09-0.17	0.0-2.9	---	.28	.32			
	20-65	---	---	1-5	1.30-1.60	14.11-42.34	0.04-0.08	0.0-2.9	---	.17	.24			
HtE:														
Hermon	0-3	---	---	2-6	0.85-1.20	14.11-141.14	0.07-0.15	0.0-2.9	0.0-2.0	.10	.17	5	8	0
	3-12	---	---	2-6	0.85-1.20	14.11-141.14	0.07-0.20	0.0-2.9	3.0-7.0	.10	.15			
	12-65	---	---	2-7	0.85-1.30	14.11-141.14	0.05-0.10	0.0-2.9	0.5-3.0	.10	.17			
Monadnock	0-8	---	---	1-8	0.80-1.20	4.23-14.11	0.10-0.20	0.0-2.9	---	.24	.28	3	3	86
	8-20	---	---	1-8	0.80-1.30	4.23-14.11	0.09-0.17	0.0-2.9	---	.28	.32			
	20-65	---	---	1-5	1.30-1.60	14.11-42.34	0.04-0.08	0.0-2.9	---	.17	.24			
HVC:														
Hermon	0-3	---	---	2-6	0.85-1.20	14.11-141.14	0.07-0.15	0.0-2.9	0.0-2.0	.10	.17	5	8	0
	3-12	---	---	2-6	0.85-1.20	14.11-141.14	0.07-0.20	0.0-2.9	3.0-7.0	.10	.15			
	12-65	---	---	2-7	0.85-1.30	14.11-141.14	0.05-0.10	0.0-2.9	0.5-3.0	.10	.17			

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Erosion Factors Kf Kf	Erosion Factors T T	Wind Erodi-bility bility Group	Wind Erodi-bility bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
HVC:														
Monadnock	0-8	---	---	1-8	0.80-1.20	4.23-14.11	0.10-0.20	0.0-2.9	---	.24	.28	3	3	86
	8-20	---	---	1-8	0.80-1.30	4.23-14.11	0.09-0.17	0.0-2.9	---	.28	.32			
	20-65	---	---	1-5	1.30-1.60	14.11-42.34	0.04-0.08	0.0-2.9	---	.17	.24			
Dixfield	0-6	---	---	3-10	0.90-1.20	4.23-14.11	0.18-0.28	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	6-28	---	---	3-10	1.00-1.60	4.23-14.11	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	28-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
HVE:														
Hermon	0-3	---	---	2-6	0.85-1.20	14.11-141.14	0.07-0.15	0.0-2.9	0.0-2.0	.10	.17	5	8	0
	3-12	---	---	2-6	0.85-1.20	14.11-141.14	0.07-0.20	0.0-2.9	3.0-7.0	.10	.15			
	12-65	---	---	2-7	0.85-1.30	14.11-141.14	0.05-0.10	0.0-2.9	0.5-3.0	.10	.17			
Monadnock	0-8	---	---	1-8	0.80-1.20	4.23-14.11	0.10-0.20	0.0-2.9	---	.24	.28	3	3	86
	8-20	---	---	1-8	0.80-1.30	4.23-14.11	0.09-0.17	0.0-2.9	---	.28	.32			
	20-65	---	---	1-5	1.30-1.60	14.11-42.34	0.04-0.08	0.0-2.9	---	.17	.24			
Dixfield	0-6	---	---	3-10	0.90-1.20	4.23-14.11	0.18-0.28	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	6-28	---	---	3-10	1.00-1.60	4.23-14.11	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	28-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
Kn:														
Kinsman	0-7	---	---	1-5	1.10-1.50	42.34-141.14	0.05-0.09	0.0-2.9	3.0-15	.17	.17	5	2	134
	7-37	---	---	1-5	1.20-1.50	42.34-141.14	0.05-0.08	0.0-2.9	---	.17	.17			
	37-65	---	---	1-5	1.45-1.65	42.34-141.14	0.04-0.06	0.0-2.9	---	.17	.20			
KW:														
Kinsman	0-7	---	---	1-5	1.10-1.50	42.34-141.14	0.05-0.09	0.0-2.9	3.0-15	.17	.17	5	2	134
	7-37	---	---	1-5	1.20-1.50	42.34-141.14	0.05-0.08	0.0-2.9	---	.17	.17			
	37-65	---	---	1-5	1.45-1.65	42.34-141.14	0.04-0.06	0.0-2.9	---	.17	.20			
Wonsqueak	0-8	---	---	---	0.10-0.30	1.41-42.34	0.20-0.40	---	80-99	---	---	2	8	0
	8-32	---	---	---	0.10-0.30	1.41-42.34	0.20-0.40	---	80-99	---	---			
	32-65	---	---	5-30	1.50-1.70	1.41-14.11	0.06-0.16	0.0-2.9	0.0-2.0	.49	.49			

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Erosion Factors Kf Kf	Erosion Factors T T	Wind Erodi-bility bility Group	Wind Erodi-bility bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
KW:														
LaB:														
Lamoine	0-7	---	---	15-30	0.90-1.20	1.41-14.11	0.25-0.30	0.0-2.9	3.0-8.0	.32	.32	3	6	48
	7-17	---	---	20-45	1.10-1.55	0.42-4.23	0.13-0.28	3.0-5.9	0.5-3.0	.49	.49			
	17-21	---	---	20-45	1.40-1.70	0.00-1.41	0.10-0.16	3.0-5.9	0.0-1.0	.49	.49			
	21-65	---	---	35-55	1.40-1.80	0.00-1.41	0.06-0.16	3.0-5.9	0.0-0.5	.49	.49			
LbB:														
Lamoine	0-7	---	---	15-30	0.90-1.20	1.41-14.11	0.25-0.30	0.0-2.9	3.0-8.0	.32	.32	3	6	48
	7-17	---	---	20-45	1.10-1.55	0.42-4.23	0.13-0.28	3.0-5.9	0.5-3.0	.49	.49			
	17-21	---	---	20-45	1.40-1.70	0.00-1.41	0.10-0.16	3.0-5.9	0.0-1.0	.49	.49			
	21-65	---	---	35-55	1.40-1.80	0.00-1.41	0.06-0.16	3.0-5.9	0.0-0.5	.49	.49			
Scantic	0-15	---	---	15-40	1.05-1.22	1.41-14.11	0.24-0.34	0.0-2.9	3.0-9.0	.32	.32	3	6	48
	15-35	---	---	20-55	1.15-1.75	0.00-1.41	0.13-0.28	3.0-5.9	0.5-3.0	.49	.49			
	35-65	---	---	35-55	1.40-1.80	0.00-1.41	0.06-0.16	3.0-5.9	0.0-0.5	.49	.49			
LCB:														
Lamoine	0-7	---	---	15-30	0.90-1.20	1.41-14.11	0.25-0.30	0.0-2.9	3.0-8.0	.32	.32	3	6	48
	7-17	---	---	20-45	1.10-1.55	0.42-4.23	0.13-0.28	3.0-5.9	0.5-3.0	.49	.49			
	17-21	---	---	20-45	1.40-1.70	0.00-1.41	0.10-0.16	3.0-5.9	0.0-1.0	.49	.49			
	21-65	---	---	35-55	1.40-1.80	0.00-1.41	0.06-0.16	3.0-5.9	0.0-0.5	.49	.49			
Scantic	0-15	---	---	15-40	1.05-1.22	1.41-14.11	0.24-0.34	0.0-2.9	3.0-9.0	.32	.32	3	6	48
	15-35	---	---	20-55	1.15-1.75	0.00-1.41	0.13-0.28	3.0-5.9	0.5-3.0	.49	.49			
	35-65	---	---	35-55	1.40-1.80	0.00-1.41	0.06-0.16	3.0-5.9	0.0-0.5	.49	.49			
Buxton	0-8	---	---	15-30	0.90-1.20	1.41-14.11	0.25-0.30	0.0-2.9	3.0-8.0	.32	.32	3	6	48
	8-16	---	---	20-45	1.10-1.55	0.42-4.23	0.13-0.28	3.0-5.9	0.5-3.0	.49	.49			
	16-35	---	---	20-45	1.40-1.70	0.00-1.41	0.10-0.16	3.0-5.9	0.0-1.0	.49	.49			
	35-65	---	---	35-55	1.40-1.80	0.00-1.41	0.06-0.16	3.0-5.9	0.0-0.5	.49	.49			
LgB:														

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Erosion Factors Kf Kf	Erosion Factors T T	Wind Erodi-bility bility Group	Wind Erodi-bility bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
LgB:														
Lyman	0-3	---	---	2-10	0.75-1.20	14.11-42.34	0.13-0.24	0.0-2.9	---	.20	.28	1	---	---
	3-19	---	---	2-10	0.90-1.40	14.11-42.34	0.08-0.28	0.0-2.9	---	.32	.37			
	19-23	---	---	---	---	0.07-141.14	---	---	---	---	---			
Brayton	0-9	---	---	4-10	1.00-1.30	4.23-14.11	0.18-0.28	0.0-2.9	4.0-8.0	.20	.28	3	8	0
	9-22	---	---	4-10	1.40-1.65	4.23-14.11	0.12-0.28	0.0-2.9	0.5-2.0	.32	.37			
	22-65	---	---	4-10	1.70-2.00	0.42-4.23	0.01-0.06	0.0-2.9	0.0-0.5	.24	.28			
LHC:														
Lyman	0-3	---	---	2-10	0.75-1.20	14.11-42.34	0.13-0.24	0.0-2.9	---	.20	.28	1	---	---
	3-19	---	---	2-10	0.90-1.40	14.11-42.34	0.08-0.28	0.0-2.9	---	.32	.37			
	19-23	---	---	---	---	0.07-141.14	---	---	---	---	---			
Brayton	0-9	---	---	4-10	1.00-1.30	4.23-14.11	0.18-0.28	0.0-2.9	4.0-8.0	.20	.28	3	8	0
	9-22	---	---	4-10	1.40-1.65	4.23-14.11	0.12-0.28	0.0-2.9	0.5-2.0	.32	.37			
	22-65	---	---	4-10	1.70-2.00	0.42-4.23	0.01-0.06	0.0-2.9	0.0-0.5	.24	.28			
Schoodic	0-9	---	---	1-6	0.90-1.20	0.07-141.14	0.06-0.10	0.0-2.9	0.0-2.0	.17	.24	1	8	0
	9-13	---	---	---	---	0.07-141.14	---	---	---	---	---			
LsE:														
Lyman	0-3	---	---	2-10	0.75-1.20	14.11-42.34	0.13-0.24	0.0-2.9	---	.20	.28	1	---	---
	3-19	---	---	2-10	0.90-1.40	14.11-42.34	0.08-0.28	0.0-2.9	---	.32	.37			
	19-23	---	---	---	---	0.07-141.14	---	---	---	---	---			
Schoodic	0-9	---	---	1-6	0.90-1.20	0.07-141.14	0.06-0.10	0.0-2.9	0.0-2.0	.17	.24	1	8	0
	9-13	---	---	---	---	0.07-141.14	---	---	---	---	---			
LTE:														
Lyman	0-3	---	---	2-10	0.75-1.20	14.11-42.34	0.13-0.24	0.0-2.9	---	.20	.28	1	---	---
	3-19	---	---	2-10	0.90-1.40	14.11-42.34	0.08-0.28	0.0-2.9	---	.32	.37			
	19-23	---	---	---	---	0.07-141.14	---	---	---	---	---			

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Kf Kf	T T	Wind Erodi-bility bility Group	Wind Erodi-bility bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
LTE:														
Schoodic	0-9	---	---	1-6	0.90-1.20	0.07-141.14	0.06-0.10	0.0-2.9	0.0-2.0	.17	.24	1	8	0
	9-13	---	---	---	---	0.07-141.14	---	---	---	---	---			
Rock Outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
LuC:														
Lyman	0-3	---	---	2-10	0.75-1.20	14.11-42.34	0.13-0.24	0.0-2.9	---	.20	.28	1	---	---
	3-19	---	---	2-10	0.90-1.40	14.11-42.34	0.08-0.28	0.0-2.9	---	.32	.37			
	19-23	---	---	---	---	0.07-141.14	---	---	---	---	---			
Tunbridge	0-6	---	---	5-9	0.80-1.20	4.23-42.34	0.11-0.21	0.0-2.9	2.0-8.0	.20	.24	2	8	0
	6-19	---	---	3-9	1.20-1.40	4.23-42.34	0.10-0.21	0.0-2.9	2.0-6.0	.20	.24			
	19-33	---	---	3-7	1.20-1.50	4.23-42.34	0.09-0.15	0.0-2.9	1.0-2.0	.20	.24			
	33-37	---	---	---	---	0.07-141.14	---	---	---	---	---			
LWC:														
Lyman	0-3	---	---	2-10	0.75-1.20	14.11-42.34	0.13-0.24	0.0-2.9	---	.20	.28	1	---	---
	3-19	---	---	2-10	0.90-1.40	14.11-42.34	0.08-0.28	0.0-2.9	---	.32	.37			
	19-23	---	---	---	---	0.07-141.14	---	---	---	---	---			
Tunbridge	0-6	---	---	5-9	0.80-1.20	4.23-42.34	0.11-0.21	0.0-2.9	2.0-8.0	.20	.24	2	8	0
	6-19	---	---	3-9	1.20-1.40	4.23-42.34	0.10-0.21	0.0-2.9	2.0-6.0	.20	.24			
	19-33	---	---	3-7	1.20-1.50	4.23-42.34	0.09-0.15	0.0-2.9	1.0-2.0	.20	.24			
	33-37	---	---	---	---	0.07-141.14	---	---	---	---	---			
Schoodic	0-9	---	---	1-6	0.90-1.20	0.07-141.14	0.06-0.10	0.0-2.9	0.0-2.0	.17	.24	1	8	0
	9-13	---	---	---	---	0.07-141.14	---	---	---	---	---			
MaC:														
Marlow	0-8	---	---	3-10	1.00-1.30	4.23-14.11	0.10-0.23	0.0-2.9	2.0-6.0	.24	.24	3	3	86
	8-21	---	---	3-10	1.30-1.60	4.23-14.11	0.06-0.20	0.0-2.9	---	.32	.37			
	21-65	---	---	3-10	1.70-2.05	0.42-4.23	0.05-0.12	0.0-2.9	---	.20	.24			
MaD:														

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Kf Kf	T T	Wind Erodi-bility bility Group	Wind Erodi-bility bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
MaD:														
Marlow	0-8	---	---	3-10	1.00-1.30	4.23-14.11	0.10-0.23	0.0-2.9	2.0-6.0	.24	.24	3	3	86
	8-21	---	---	3-10	1.30-1.60	4.23-14.11	0.06-0.20	0.0-2.9	---	.32	.37			
	21-65	---	---	3-10	1.70-2.05	0.42-4.23	0.05-0.12	0.0-2.9	---	.20	.24			
MbC:														
Marlow	0-2	---	---	3-10	1.00-1.30	4.23-14.11	0.10-0.23	0.0-2.9	---	.20	.24	3	3	86
	2-21	---	---	3-10	1.30-1.60	4.23-14.11	0.06-0.20	0.0-2.9	---	.32	.37			
	21-65	---	---	3-10	1.70-2.05	0.42-4.23	0.05-0.12	0.0-2.9	---	.20	.24			
MbE:														
Marlow	0-2	---	---	3-10	1.00-1.30	4.23-14.11	0.10-0.23	0.0-2.9	---	.20	.24	3	3	86
	2-21	---	---	3-10	1.30-1.60	4.23-14.11	0.06-0.20	0.0-2.9	---	.32	.37			
	21-65	---	---	3-10	1.70-2.05	0.42-4.23	0.05-0.12	0.0-2.9	---	.20	.24			
McC:														
Marlow	0-2	---	---	3-10	1.00-1.30	4.23-14.11	0.08-0.15	0.0-2.9	---	.20	.24	3	3	86
	2-21	---	---	3-10	1.30-1.60	4.23-14.11	0.06-0.20	0.0-2.9	---	.32	.37			
	21-65	---	---	3-10	1.70-2.05	0.42-4.23	0.05-0.12	0.0-2.9	---	.20	.24			
McE:														
Marlow	0-2	---	---	3-10	1.00-1.30	4.23-14.11	0.08-0.15	0.0-2.9	---	.20	.24	3	3	86
	2-21	---	---	3-10	1.30-1.60	4.23-14.11	0.06-0.20	0.0-2.9	---	.32	.37			
	21-65	---	---	3-10	1.70-2.05	0.42-4.23	0.05-0.12	0.0-2.9	---	.20	.24			
MDC:														
Marlow	0-2	---	---	3-10	1.00-1.30	4.23-14.11	0.10-0.23	0.0-2.9	---	.20	.24	3	3	86
	2-21	---	---	3-10	1.30-1.60	4.23-14.11	0.06-0.20	0.0-2.9	---	.32	.37			
	21-65	---	---	3-10	1.70-2.05	0.42-4.23	0.05-0.12	0.0-2.9	---	.20	.24			
Dixfield	0-6	---	---	3-10	0.90-1.20	4.23-14.11	0.18-0.28	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	6-28	---	---	3-10	1.00-1.60	4.23-14.11	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	28-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
MDE:														

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Kf Kf	T T	Wind Erodi-bility Group	Wind Erodi-bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
MDE:														
Marlow	0-2	---	---	3-10	1.00-1.30	4.23-14.11	0.10-0.23	0.0-2.9	---	.20	.24	3	3	86
	2-21	---	---	3-10	1.30-1.60	4.23-14.11	0.06-0.20	0.0-2.9	---	.32	.37			
	21-65	---	---	3-10	1.70-2.05	0.42-4.23	0.05-0.12	0.0-2.9	---	.20	.24			
Dixfield	0-6	---	---	3-10	0.90-1.20	4.23-14.11	0.18-0.28	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	6-28	---	---	3-10	1.00-1.60	4.23-14.11	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	28-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
MGC:														
Marlow	0-2	---	---	3-10	1.00-1.30	4.23-14.11	0.08-0.15	0.0-2.9	---	.20	.24	3	3	86
	2-21	---	---	3-10	1.30-1.60	4.23-14.11	0.06-0.20	0.0-2.9	---	.32	.37			
	21-65	---	---	3-10	1.70-2.05	0.42-4.23	0.05-0.12	0.0-2.9	---	.20	.24			
Dixfield	0-6	---	---	3-10	0.90-1.20	4.23-14.11	0.15-0.25	0.0-2.9	0.0-2.0	.15	.20	3	8	0
	6-28	---	---	3-10	1.00-1.60	4.23-14.11	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	28-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
MGE:														
Marlow	0-2	---	---	3-10	1.00-1.30	4.23-14.11	0.08-0.15	0.0-2.9	---	.20	.24	3	3	86
	2-21	---	---	3-10	1.30-1.60	4.23-14.11	0.06-0.20	0.0-2.9	---	.32	.37			
	21-65	---	---	3-10	1.70-2.05	0.42-4.23	0.05-0.12	0.0-2.9	---	.20	.24			
Dixfield	0-6	---	---	3-10	0.90-1.20	4.23-14.11	0.15-0.25	0.0-2.9	0.0-2.0	.15	.20	3	8	0
	6-28	---	---	3-10	1.00-1.60	4.23-14.11	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	28-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
MhC:														
Monadnock	0-8	---	---	1-8	0.80-1.20	4.23-14.11	0.07-0.17	0.0-2.9	---	.17	.28	3	3	86
	8-20	---	---	1-8	0.80-1.30	4.23-14.11	0.09-0.17	0.0-2.9	---	.28	.32			
	20-65	---	---	1-5	1.30-1.60	14.11-42.34	0.04-0.08	0.0-2.9	---	.17	.24			
Hermon	0-3	---	---	2-6	0.85-1.20	14.11-141.14	0.05-0.13	0.0-2.9	0.0-2.0	.10	.17	5	8	0
	3-12	---	---	2-6	0.85-1.20	14.11-141.14	0.06-0.14	0.0-2.9	3.0-7.0	.10	.15			
	12-65	---	---	2-7	0.85-1.30	14.11-141.14	0.05-0.10	0.0-2.9	0.5-3.0	.10	.17			

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Kf Kf	T T	Wind Erodi-bility bility Group	Wind Erodi-bility bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
MhC:														
MhE:														
Monadnock	0-8	---	---	1-8	0.80-1.20	4.23-14.11	0.07-0.17	0.0-2.9	---	.17	.28	3	3	86
	8-20	---	---	1-8	0.80-1.30	4.23-14.11	0.09-0.17	0.0-2.9	---	.28	.32			
	20-65	---	---	1-5	1.30-1.60	14.11-42.34	0.04-0.08	0.0-2.9	---	.17	.24			
Hermon	0-3	---	---	2-6	0.85-1.20	14.11-141.14	0.05-0.13	0.0-2.9	0.0-2.0	.10	.17	5	8	0
	3-12	---	---	2-6	0.85-1.20	14.11-141.14	0.06-0.14	0.0-2.9	3.0-7.0	.10	.15			
	12-65	---	---	2-7	0.85-1.30	14.11-141.14	0.05-0.10	0.0-2.9	0.5-3.0	.10	.17			
MXC:														
Monadnock	0-8	---	---	1-8	0.80-1.20	4.23-14.11	0.07-0.17	0.0-2.9	---	.17	.28	3	3	86
	8-20	---	---	1-8	0.80-1.30	4.23-14.11	0.09-0.17	0.0-2.9	---	.28	.32			
	20-65	---	---	1-5	1.30-1.60	14.11-42.34	0.04-0.08	0.0-2.9	---	.17	.24			
Hermon	0-3	---	---	2-6	0.85-1.20	14.11-141.14	0.05-0.13	0.0-2.9	0.0-2.0	.10	.17	5	8	0
	3-12	---	---	2-6	0.85-1.20	14.11-141.14	0.06-0.14	0.0-2.9	3.0-7.0	.10	.15			
	12-65	---	---	2-7	0.85-1.30	14.11-141.14	0.05-0.10	0.0-2.9	0.5-3.0	.10	.17			
Dixfield	0-6	---	---	3-10	0.90-1.20	4.23-14.11	0.15-0.25	0.0-2.9	0.0-2.0	.15	.20	3	8	0
	6-28	---	---	3-10	1.00-1.60	4.23-14.11	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	28-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
MXE:														
Monadnock	0-8	---	---	1-8	0.80-1.20	4.23-14.11	0.07-0.17	0.0-2.9	---	.17	.28	3	3	86
	8-20	---	---	1-8	0.80-1.30	4.23-14.11	0.09-0.17	0.0-2.9	---	.28	.32			
	20-65	---	---	1-5	1.30-1.60	14.11-42.34	0.04-0.08	0.0-2.9	---	.17	.24			
Hermon	0-3	---	---	2-6	0.85-1.20	14.11-141.14	0.05-0.13	0.0-2.9	0.0-2.0	.10	.17	5	8	0
	3-12	---	---	2-6	0.85-1.20	14.11-141.14	0.06-0.14	0.0-2.9	3.0-7.0	.10	.15			
	12-65	---	---	2-7	0.85-1.30	14.11-141.14	0.05-0.10	0.0-2.9	0.5-3.0	.10	.17			

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Kf Kf	T T	Wind Erodi-bility bility Group	Wind Erodi-bility bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
MXE:														
Dixfield	0-6	---	---	3-10	0.90-1.20	4.23-14.11	0.15-0.25	0.0-2.9	0.0-2.0	.15	.20	3	8	0
	6-28	---	---	3-10	1.00-1.60	4.23-14.11	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	28-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
NaB:														
Naskeag	0-16	---	---	2-6	0.95-1.20	42.34-141.14	0.07-0.15	0.0-2.9	0.0-8.0	.10	.15	2	8	0
	16-38	---	---	1-5	1.00-1.30	42.34-141.14	0.05-0.11	0.0-2.9	0.0-4.0	.10	.15			
	38-42	---	---	---	---	0.07-141.14	---	---	---	---	---			
Schoodic	0-9	---	---	1-6	0.90-1.20	0.07-141.14	0.06-0.10	0.0-2.9	0.0-2.0	.17	.24	1	8	0
	9-13	---	---	---	---	0.07-141.14	---	---	---	---	---			
NBB:														
Naskeag	0-16	---	---	2-6	0.95-1.20	42.34-141.14	0.07-0.15	0.0-2.9	0.0-8.0	.10	.15	2	8	0
	16-38	---	---	1-5	1.00-1.30	42.34-141.14	0.05-0.11	0.0-2.9	0.0-4.0	.10	.15			
	38-42	---	---	---	---	0.07-141.14	---	---	---	---	---			
Schoodic	0-9	---	---	1-6	0.90-1.20	0.07-141.14	0.06-0.10	0.0-2.9	0.0-2.0	.17	.24	1	8	0
	9-13	---	---	---	---	0.07-141.14	---	---	---	---	---			
Lyman	0-3	---	---	2-10	0.75-1.20	14.11-42.34	0.13-0.24	0.0-2.9	---	.20	.28	1	---	---
	3-19	---	---	2-10	0.90-1.40	14.11-42.34	0.08-0.28	0.0-2.9	---	.32	.37			
	19-23	---	---	---	---	0.07-141.14	---	---	---	---	---			
NcB:														
Nicholville	0-2	---	---	2-18	1.20-1.50	4.23-14.11	0.16-0.22	0.0-2.9	2.0-6.0	.49	.49	5	5	56
	2-20	---	---	2-18	1.20-1.50	4.23-14.11	0.15-0.20	0.0-2.9	---	.64	.64			
	20-65	---	---	2-18	1.45-1.65	4.23-14.11	0.10-0.20	0.0-2.9	---	.64	.64			
NcC:														
Nicholville	0-2	---	---	2-18	1.20-1.50	4.23-14.11	0.16-0.22	0.0-2.9	2.0-6.0	.49	.49	5	5	56
	2-20	---	---	2-18	1.20-1.50	4.23-14.11	0.15-0.20	0.0-2.9	---	.64	.64			
	20-65	---	---	2-18	1.45-1.65	4.23-14.11	0.10-0.20	0.0-2.9	---	.64	.64			

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Erosion Factors Kf Kf	Erosion Factors T T	Wind Erodi-bility Group	Wind Erodi-bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
Ps:														
Pits	0-6	---	---	0-1	---	42.34-141.14	0.01-0.02	0.0-2.9	0.0-0.1	.02	---	---	8	0
	6-60	---	---	0-1	---	42.34-141.14	0.01-0.02	0.0-2.9	---	.02	---			
Sa:														
Scantic	0-15	---	---	15-40	1.05-1.22	1.41-14.11	0.24-0.34	0.0-2.9	3.0-9.0	.32	.32	3	6	48
	15-35	---	---	20-55	1.15-1.75	0.00-1.41	0.13-0.28	3.0-5.9	0.5-3.0	.49	.49			
	35-65	---	---	35-55	1.40-1.80	0.00-1.41	0.06-0.16	3.0-5.9	0.0-0.5	.49	.49			
SB:														
Scantic	0-15	---	---	15-40	1.05-1.22	1.41-14.11	0.24-0.34	0.0-2.9	3.0-9.0	.32	.32	3	6	48
	15-35	---	---	20-55	1.15-1.75	0.00-1.41	0.13-0.28	3.0-5.9	0.5-3.0	.49	.49			
	35-65	---	---	35-55	1.40-1.80	0.00-1.41	0.06-0.16	3.0-5.9	0.0-0.5	.49	.49			
Biddeford	0-9	---	---	0	0.10-0.30	1.41-42.34	0.20-0.45	---	30-99	---	---	4	8	0
	9-19	---	---	20-50	0.90-1.20	1.41-14.11	0.24-0.34	0.0-2.9	0.0-10	.32	.32			
	19-25	---	---	35-55	1.30-1.70	0.00-1.41	0.13-0.23	3.0-5.9	0.5-3.0	.49	.49			
	25-65	---	---	35-55	1.40-1.80	0.00-1.41	0.06-0.16	3.0-5.9	0.0-0.5	.49	.49			
SdB:														
Scantic	0-15	---	---	15-40	1.05-1.22	1.41-14.11	0.21-0.32	0.0-2.9	3.0-9.0	.32	.32	3	8	0
	15-35	---	---	20-55	1.15-1.75	0.00-1.41	0.13-0.28	3.0-5.9	0.5-3.0	.49	.49			
	35-65	---	---	35-55	1.40-1.80	0.00-1.41	0.06-0.16	3.0-5.9	0.0-0.5	.49	.49			
Lamoine	0-7	---	---	15-30	0.90-1.20	1.41-14.11	0.20-0.28	0.0-2.9	3.0-8.0	.28	.32	3	8	0
	7-17	---	---	20-45	1.10-1.55	0.42-4.23	0.13-0.28	3.0-5.9	0.5-3.0	.49	.49			
	17-21	---	---	20-45	1.40-1.70	0.00-1.41	0.10-0.16	3.0-5.9	0.0-1.0	.49	.49			
	21-65	---	---	35-55	1.40-1.80	0.00-1.41	0.06-0.16	3.0-5.9	0.0-0.5	.49	.49			
SEB:														
Scantic	0-15	---	---	15-40	1.05-1.22	1.41-14.11	0.21-0.32	0.0-2.9	3.0-9.0	.32	.32	3	8	0
	15-35	---	---	20-55	1.15-1.75	0.00-1.41	0.13-0.28	3.0-5.9	0.5-3.0	.49	.49			
	35-65	---	---	35-55	1.40-1.80	0.00-1.41	0.06-0.16	3.0-5.9	0.0-0.5	.49	.49			

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Erosion Factors Kf Kf	Erosion Factors T T	Wind Erodi-bility bility Group	Wind Erodi-bility bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
SEB:														
Lamoine	0-7	---	---	15-30	0.90-1.20	1.41-14.11	0.20-0.28	0.0-2.9	3.0-8.0	.28	.32	3	8	0
	7-17	---	---	20-45	1.10-1.55	0.42-4.23	0.13-0.28	3.0-5.9	0.5-3.0	.49	.49			
	17-21	---	---	20-45	1.40-1.70	0.00-1.41	0.10-0.16	3.0-5.9	0.0-1.0	.49	.49			
	21-65	---	---	35-55	1.40-1.80	0.00-1.41	0.06-0.16	3.0-5.9	0.0-0.5	.49	.49			
Dixfield	0-6	---	---	3-10	0.90-1.20	4.23-14.11	0.18-0.28	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	6-28	---	---	3-10	1.00-1.60	4.23-14.11	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	28-65	---	---	3-10	1.65-1.95	0.42-4.23	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
SfC:														
Schoodic	0-9	---	---	1-6	0.90-1.20	0.07-141.14	0.06-0.10	0.0-2.9	0.0-2.0	.17	.24	1	8	0
	9-13	---	---	---	---	0.07-141.14	---	---	---	---	---			
Rock Outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
SfE:														
Schoodic	0-9	---	---	1-6	0.90-1.20	0.07-141.14	0.06-0.10	0.0-2.9	0.0-2.0	.17	.24	1	8	0
	9-13	---	---	---	---	0.07-141.14	---	---	---	---	---			
Rock Outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
SGE:														
Schoodic	0-9	---	---	1-6	0.90-1.20	0.07-141.14	0.06-0.10	0.0-2.9	0.0-2.0	.17	.24	1	8	0
	9-13	---	---	---	---	0.07-141.14	---	---	---	---	---			
Rock Outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Lyman	0-3	---	---	2-10	0.75-1.20	14.11-42.34	0.13-0.24	0.0-2.9	---	.20	.28	1	---	---
	3-19	---	---	2-10	0.90-1.40	14.11-42.34	0.08-0.28	0.0-2.9	---	.32	.37			
	19-23	---	---	---	---	0.07-141.14	---	---	---	---	---			
SKC:														
Schoodic	0-9	---	---	1-6	0.90-1.20	0.07-141.14	0.06-0.10	0.0-2.9	0.0-2.0	.17	.24	1	8	0
	9-13	---	---	---	---	0.07-141.14	---	---	---	---	---			

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Erosion Factors Kf Kf	Erosion Factors T T	Wind Erodi-bility bility Group	Wind Erodi-bility bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
SKC:														
Rock Outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Naskeag	0-16	---	---	2-6	0.95-1.20	42.34-141.14	0.07-0.15	0.0-2.9	0.0-8.0	.10	.15	2	8	0
	16-38	---	---	1-5	1.00-1.30	42.34-141.14	0.05-0.11	0.0-2.9	0.0-4.0	.10	.15			
	38-42	---	---	---	---	0.07-141.14	---	---	---	---	---			
SmB:														
Sheepscot	0-7	---	---	3-5	1.00-1.30	4.23-42.34	0.11-0.21	0.0-2.9	2.0-6.0	.17	.17	2	3	86
	7-18	---	---	1-5	1.20-1.50	4.23-42.34	0.06-0.15	0.0-2.9	0.5-1.0	.10	.15			
	18-24	---	---	0-3	1.45-1.70	42.34-141.14	0.02-0.09	0.0-2.9	0.5-1.0	.10	.20			
	24-65	---	---	0-3	1.45-1.70	42.34-141.14	0.01-0.06	0.0-2.9	0.0-0.5	.05	.17			
SoB:														
Sheepscot	0-7	---	---	3-5	1.00-1.30	4.23-42.34	0.09-0.15	0.0-2.9	2.0-6.0	.17	.17	2	8	0
	7-18	---	---	1-5	1.20-1.50	4.23-42.34	0.06-0.15	0.0-2.9	1.0-5.0	.10	.15			
	18-24	---	---	0-3	1.45-1.70	42.34-141.14	0.02-0.09	0.0-2.9	0.5-1.0	.10	.20			
	24-65	---	---	0-3	1.45-1.70	42.34-141.14	0.01-0.06	0.0-2.9	0.0-0.5	.05	.17			
SoC:														
Sheepscot	0-7	---	---	3-5	1.00-1.30	4.23-42.34	0.09-0.15	0.0-2.9	2.0-6.0	.17	.17	2	8	0
	7-18	---	---	1-5	1.20-1.50	4.23-42.34	0.06-0.15	0.0-2.9	1.0-5.0	.10	.15			
	18-24	---	---	0-3	1.45-1.70	42.34-141.14	0.02-0.09	0.0-2.9	0.5-1.0	.10	.20			
	24-65	---	---	0-3	1.45-1.70	42.34-141.14	0.01-0.06	0.0-2.9	0.0-0.5	.05	.17			
SrB:														
Sheepscot	0-7	---	---	3-5	1.00-1.30	4.23-42.34	0.11-0.21	0.0-2.9	2.0-6.0	.17	.17	2	3	86
	7-18	---	---	1-5	1.20-1.50	4.23-42.34	0.06-0.15	0.0-2.9	0.5-1.0	.10	.15			
	18-24	---	---	0-3	1.45-1.70	42.34-141.14	0.02-0.09	0.0-2.9	0.5-1.0	.10	.20			
	24-65	---	---	0-3	1.45-1.70	42.34-141.14	0.01-0.06	0.0-2.9	0.0-0.5	.05	.17			
Rock Outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
ThC:														

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Kf Kf	T T	Wind Erodi-bility bility Group	Wind Erodi-bility bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
ThC:														
Thorndike	0-3	---	---	5-10	0.90-1.20	4.23-14.11	0.12-0.22	0.0-2.9	0.0-2.0	.17	.28	1	8	0
	3-18	---	---	5-10	1.00-1.30	4.23-14.11	0.09-0.22	0.0-2.9	0.5-4.0	.17	.24			
	18-22	---	---	---	---	0.07-141.14	---	---	---	---	---			
Winnecook	0-4	---	---	3-10	0.90-1.20	4.23-14.11	0.12-0.22	0.0-2.9	2.0-8.0	.24	.28	2	8	0
	4-32	---	---	3-10	1.10-1.40	4.23-14.11	0.09-0.22	0.0-2.9	0.5-3.0	.28	.37			
	32-36	---	---	---	---	0.07-141.14	---	---	---	---	---			
TuB:														
Tunbridge	0-6	---	---	5-9	0.80-1.20	4.23-42.34	0.14-0.23	0.0-2.9	2.0-8.0	.24	.24	2	3	86
	6-15	---	---	3-9	1.20-1.40	4.23-42.34	0.10-0.21	0.0-2.9	2.0-6.0	.20	.20			
	15-29	---	---	3-7	1.20-1.50	4.23-42.34	0.09-0.15	0.0-2.9	1.0-2.0	.20	.24			
	29-33	---	---	---	---	0.07-141.14	---	---	---	---	---			
Lyman	0-5	---	---	2-10	0.75-1.20	14.11-42.34	0.08-0.25	0.0-2.9	1.0-4.0	.28	.28	1	---	---
	5-17	---	---	2-10	0.90-1.40	14.11-42.34	0.08-0.28	0.0-2.9	---	.32	.37			
	17-21	---	---	---	---	0.07-141.14	---	---	---	---	---			
TuC:														
Tunbridge	0-6	---	---	5-9	0.80-1.20	4.23-42.34	0.14-0.23	0.0-2.9	2.0-8.0	.24	.24	2	3	86
	6-15	---	---	3-9	1.20-1.40	4.23-42.34	0.10-0.21	0.0-2.9	2.0-6.0	.20	.20			
	15-29	---	---	3-7	1.20-1.50	4.23-42.34	0.09-0.15	0.0-2.9	1.0-2.0	.20	.24			
	29-33	---	---	---	---	0.07-141.14	---	---	---	---	---			
Lyman	0-5	---	---	2-10	0.75-1.20	14.11-42.34	0.08-0.25	0.0-2.9	1.0-4.0	.28	.28	1	---	---
	5-17	---	---	2-10	0.90-1.40	14.11-42.34	0.08-0.28	0.0-2.9	---	.32	.37			
	17-21	---	---	---	---	0.07-141.14	---	---	---	---	---			
TWC:														
Tunbridge	0-6	---	---	5-9	0.80-1.20	4.23-42.34	0.14-0.23	0.0-2.9	2.0-8.0	.24	.24	2	3	86
	6-15	---	---	3-9	1.20-1.40	4.23-42.34	0.10-0.21	0.0-2.9	2.0-6.0	.20	.20			
	15-29	---	---	3-7	1.20-1.50	4.23-42.34	0.09-0.15	0.0-2.9	1.0-2.0	.20	.24			
	29-33	---	---	---	---	0.07-141.14	---	---	---	---	---			

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Erosion Factors Kf Kf	Erosion Factors T T	Wind Erodi-bility bility Group	Wind Erodi-bility bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
TWC:														
Lyman	0-5	---	---	2-10	0.75-1.20	14.11-42.34	0.08-0.25	0.0-2.9	1.0-4.0	.28	.28	1	---	---
	5-17	---	---	2-10	0.90-1.40	14.11-42.34	0.08-0.28	0.0-2.9	---	.32	.37			
	17-21	---	---	---	---	0.07-141.14	---	---	---	---	---			
Marlow	0-8	---	---	3-10	1.00-1.30	4.23-14.11	0.10-0.23	0.0-2.9	2.0-6.0	.24	.24	3	3	86
	8-21	---	---	3-10	1.30-1.60	4.23-14.11	0.06-0.20	0.0-2.9	---	.32	.37			
	21-65	---	---	3-10	1.70-2.05	0.42-4.23	0.05-0.12	0.0-2.9	---	.20	.24			
Ud:														
Udorthents	0-65	---	---	1-15	1.00-2.00	0.42-141.14	0.01-0.20	0.0-2.9	0.5-10	---	---	5	---	---
Urban Land	0-6	---	---	---	---	---	0.00	---	---	---	---	---	---	---
W:														
Water	---	---	---	---	---	---	---	---	---	---	---	---	---	---
WA:														
Waskish	0-65	---	---	---	0.05-0.10	42.34-141.14	0.55-0.65	---	90-99	---	---	3	8	0
Sebago	0-34	---	---	0	0.10-0.30	14.11-42.34	0.20-0.40	---	80-99	---	---	3	8	0
	34-65	---	---	0	0.10-0.30	14.11-42.34	0.20-0.40	---	80-99	---	---			
WkC:														
Winnecook	0-12	---	---	5-10	0.90-1.20	4.23-14.11	0.15-0.25	0.0-2.9	2.0-8.0	.28	.28	2	5	56
	12-30	---	---	3-10	1.10-1.40	4.23-14.11	0.09-0.22	0.0-2.9	0.5-3.0	.28	.37			
	30-34	---	---	---	---	0.07-141.14	---	---	---	---	---			
Thorndike	0-7	---	---	5-10	1.00-1.30	4.23-14.11	0.12-0.24	0.0-2.9	2.0-8.0	.20	.28	1	7	38
	7-16	---	---	5-10	1.00-1.30	4.23-14.11	0.09-0.22	0.0-2.9	0.5-3.0	.17	.24			
	16-20	---	---	---	---	0.07-141.14	---	---	---	---	---			
Wo:														

Physical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Saturated Hydraulic Conductivity	Available Water Capacity	Linear Extensi-bility	Organic Matter	Erosion Factors Kw Kw	Erosion Factors Kf Kf	Erosion Factors T T	Wind Erodi-bility Group	Wind Erodi-bility Index
	In	Pct	Pct	Pct	g/cc	micro m/sec	In/In	Pct	Pct					
Wo:														
Wonsqueak	0-8	---	---	---	0.10-0.30	1.41-42.34	0.20-0.40	---	80-99	---	---	2	8	0
	8-32	---	---	---	0.10-0.30	1.41-42.34	0.20-0.40	---	80-99	---	---			
	32-65	---	---	5-30	1.50-1.70	1.41-14.11	0.06-0.16	0.0-2.9	0.0-2.0	.49	.49			
Ws:														
Wonsqueak	0-8	---	---	---	0.10-0.30	1.41-42.34	0.20-0.40	---	80-99	---	---	2	8	0
	8-32	---	---	---	0.10-0.30	1.41-42.34	0.20-0.40	---	80-99	---	---			
	32-65	---	---	5-30	1.50-1.70	1.41-14.11	0.06-0.16	0.0-2.9	0.0-2.0	.49	.49			
Bucksport	0-12	---	---	0	0.10-0.30	1.41-42.34	0.20-0.50	---	80-99	---	---	3	8	0
	12-25	---	---	0	0.10-0.30	1.41-42.34	0.20-0.50	---	80-99	---	---			
	25-65	---	---	0	0.10-0.30	1.41-42.34	0.20-0.50	---	80-90	---	---			
WT:														
Wonsqueak	0-8	---	---	---	0.10-0.30	1.41-42.34	0.20-0.40	---	80-99	---	---	2	8	0
	8-32	---	---	---	0.10-0.30	1.41-42.34	0.20-0.40	---	80-99	---	---			
	32-65	---	---	5-30	1.50-1.70	1.41-14.11	0.06-0.16	0.0-2.9	0.0-2.0	.49	.49			
Bucksport	0-12	---	---	0	0.10-0.30	1.41-42.34	0.20-0.50	---	80-99	---	---	3	8	0
	12-25	---	---	0	0.10-0.30	1.41-42.34	0.20-0.50	---	80-99	---	---			
	25-65	---	---	0	0.10-0.30	1.41-42.34	0.20-0.50	---	80-90	---	---			
Sebago	0-34	---	---	0	0.10-0.30	14.11-42.34	0.20-0.40	---	80-99	---	---	3	8	0
	34-65	---	---	0	0.10-0.30	14.11-42.34	0.20-0.40	---	80-99	---	---			

Chemical Properties of the Soils

Hancock County Area, Maine

Absence of an entry indicates that data were not estimated.

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
AdB:								
Adams	0-3	12-26	3.0-9.0	3.6 - 6.0	0	0	0.0	0
	3-24	10-23	2.0-4.0	4.5 - 6.0	0	0	0.0	0
	24-65	1.0-5.0	---	4.5 - 6.5	0	0	0.0	0
AdC:								
Adams	0-3	12-26	3.0-9.0	3.6 - 6.0	0	0	0.0	0
	3-24	10-23	2.0-4.0	4.5 - 6.0	0	0	0.0	0
	24-65	1.0-5.0	---	4.5 - 6.5	0	0	0.0	0
Bd:								
Biddeford	0-9	12-30	---	4.5 - 6.5	0	0	0.0	0
	9-19	6.0-8.0	---	5.1 - 7.3	0	0	0.0	0
	19-25	5.0-11	---	5.1 - 7.8	0	0	0.0	0
	25-65	2.0-5.0	---	6.1 - 7.8	0	0	0.0	0
BfB:								
Brayton	0-9	---	4.0-9.0	3.6 - 6.0	0	0	0.0	0
	9-18	3.0-13	---	5.1 - 6.5	0	0	0.0	0
	18-65	2.0-5.0	---	5.6 - 7.3	0	0	0.0	0
BgB:								
Brayton	0-9	---	3.0-6.0	3.6 - 6.0	0	0	0.0	0
	9-22	3.0-13	---	5.1 - 6.5	0	0	0.0	0
	22-65	2.0-5.0	---	5.6 - 7.3	0	0	0.0	0
BhB:								
Brayton	0-9	---	2.0-5.0	3.6 - 6.0	0	0	0.0	0
	9-22	3.0-13	---	5.1 - 6.5	0	0	0.0	0
	22-65	2.0-5.0	---	5.6 - 7.3	0	0	0.0	0
BSB:								

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
BSB:								
Brayton	0-9	---	3.0-6.0	3.6 - 6.0	0	0	0.0	0
	9-22	3.0-13	---	5.1 - 6.5	0	0	0.0	0
	22-65	2.0-5.0	---	5.6 - 7.3	0	0	0.0	0
Colonel	0-3	---	4.0-8.0	3.6 - 6.5	0	0	0.0	0
	3-20	---	2.0-12	3.6 - 6.5	0	0	0.0	0
	20-65	1.0-2.0	---	4.5 - 6.5	0	0	0.0	0
BTB:								
Brayton	0-9	---	2.0-5.0	3.6 - 6.0	0	0	0.0	0
	9-22	3.0-13	---	5.1 - 6.5	0	0	0.0	0
	22-65	2.0-5.0	---	5.6 - 7.3	0	0	0.0	0
Colonel	0-3	---	3.0-6.0	3.6 - 6.5	0	0	0.0	0
	3-20	---	2.0-12	3.6 - 6.5	0	0	0.0	0
	20-65	1.0-2.0	---	4.5 - 6.5	0	0	0.0	0
BwC:								
Buxton	0-8	17-23	---	4.5 - 6.5	0	0	0.0	0
	8-16	15-29	---	5.1 - 7.3	0	0	0.0	0
	16-35	11-20	---	5.1 - 7.3	0	0	0.0	0
	35-65	3.0-17	---	5.6 - 7.3	0	0	0.0	0
BwD:								
Buxton	0-4	17-23	---	4.5 - 6.5	0	0	0.0	0
	4-12	15-29	---	5.1 - 7.3	0	0	0.0	0
	12-31	11-20	---	5.1 - 7.3	0	0	0.0	0
	31-65	3.0-17	---	5.6 - 7.3	0	0	0.0	0
Ch:								
Charles	0-6	---	4.0-14	3.6 - 6.5	0	0	0.0	0
	6-65	---	1.0-4.0	3.6 - 6.5	0	0	0.0	0
CoB:								

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
CoB:								
Colton	0-4	10-25	2.0-6.0	3.6 - 6.0	0	0	0.0	0
	4-8	15-40	1.0-4.0	3.6 - 6.0	0	0	0.0	0
	8-20	5.0-30	1.0-2.0	3.6 - 6.0	0	0	0.0	0
	20-65	1.0-5.0	---	4.5 - 6.5	0	0	0.0	0
CoC:								
Colton	0-4	10-25	2.0-6.0	3.6 - 6.0	0	0	0.0	0
	4-8	15-40	1.0-4.0	3.6 - 6.0	0	0	0.0	0
	8-20	5.0-30	1.0-2.0	3.6 - 6.0	0	0	0.0	0
	20-65	1.0-5.0	---	4.5 - 6.5	0	0	0.0	0
CoE:								
Colton	0-4	10-25	2.0-6.0	3.6 - 6.0	0	0	0.0	0
	4-8	15-40	1.0-4.0	3.6 - 6.0	0	0	0.0	0
	8-20	5.0-30	1.0-2.0	3.6 - 6.0	0	0	0.0	0
	20-65	1.0-5.0	---	4.5 - 6.5	0	0	0.0	0
CRE:								
Colton	0-4	10-25	2.0-6.0	3.6 - 6.0	0	0	0.0	0
	4-8	15-40	1.0-4.0	3.6 - 6.0	0	0	0.0	0
	8-20	5.0-30	1.0-2.0	3.6 - 6.0	0	0	0.0	0
	20-65	1.0-5.0	---	4.5 - 6.5	0	0	0.0	0
Adams	0-3	12-26	3.0-9.0	3.6 - 6.0	0	0	0.0	0
	3-24	10-23	2.0-4.0	4.5 - 6.0	0	0	0.0	0
	24-65	1.0-5.0	---	4.5 - 6.5	0	0	0.0	0
CSC:								
Colton	0-4	10-25	2.0-6.0	3.6 - 6.0	0	0	0.0	0
	4-8	15-40	1.0-4.0	3.6 - 6.0	0	0	0.0	0
	8-20	5.0-30	1.0-2.0	3.6 - 6.0	0	0	0.0	0
	20-65	1.0-5.0	---	4.5 - 6.5	0	0	0.0	0

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
CSC:								
Adams	0-3	12-26	3.0-9.0	3.6 - 6.0	0	0	0.0	0
	3-24	10-23	2.0-4.0	4.5 - 6.0	0	0	0.0	0
	24-65	1.0-5.0	---	4.5 - 6.5	0	0	0.0	0
Sheepscot	0-7	---	8.0-18	3.6 - 6.5	0	0	0.0	0
	7-18	---	1.0-6.0	3.6 - 6.5	0	0	0.0	0
	18-24	---	1.0-2.0	3.6 - 6.5	0	0	0.0	0
	24-65	0.0-1.0	---	4.5 - 6.5	0	0	0.0	0
DaB:								
Dixfield	0-6	---	3.0-8.0	3.6 - 6.5	0	0	0.0	0
	6-26	1.0-6.0	---	4.5 - 6.5	0	0	0.0	0
	26-65	0.0-3.0	---	4.5 - 6.5	0	0	0.0	0
DaC:								
Dixfield	0-6	---	3.0-8.0	3.6 - 6.5	0	0	0.0	0
	6-26	1.0-6.0	---	4.5 - 6.5	0	0	0.0	0
	26-65	0.0-3.0	---	4.5 - 6.5	0	0	0.0	0
DbC:								
Dixfield	0-6	---	3.0-6.0	3.6 - 6.5	0	0	0.0	0
	6-28	1.0-10	---	4.5 - 6.5	0	0	0.0	0
	28-65	0.0-3.0	---	4.5 - 6.5	0	0	0.0	0
DsB:								
Dixfield	0-6	---	3.0-8.0	3.6 - 6.5	0	0	0.0	0
	6-26	1.0-6.0	---	4.5 - 6.5	0	0	0.0	0
	26-65	0.0-3.0	---	4.5 - 6.5	0	0	0.0	0
Colonel	0-6	---	5.0-10	3.6 - 6.5	0	0	0.0	0
	6-18	---	2.0-8.0	3.6 - 6.5	0	0	0.0	0
	18-65	1.0-2.0	---	4.5 - 6.5	0	0	0.0	0
DtB:								

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
DtB:								
Dixfield	0-6	---	3.0-6.0	3.6 - 6.5	0	0	0.0	0
	6-28	1.0-10	---	4.5 - 6.5	0	0	0.0	0
	28-65	0.0-3.0	---	4.5 - 6.5	0	0	0.0	0
Colonel	0-3	---	4.0-8.0	3.6 - 6.5	0	0	0.0	0
	3-20	---	2.0-12	3.6 - 6.5	0	0	0.0	0
	20-65	1.0-2.0	---	4.5 - 6.5	0	0	0.0	0
DWB:								
Dixfield	0-6	---	3.0-6.0	3.6 - 6.5	0	0	0.0	0
	6-28	1.0-10	---	4.5 - 6.5	0	0	0.0	0
	28-65	0.0-3.0	---	4.5 - 6.5	0	0	0.0	0
Colonel	0-3	---	4.0-8.0	3.6 - 6.5	0	0	0.0	0
	3-20	---	2.0-12	3.6 - 6.5	0	0	0.0	0
	20-65	1.0-2.0	---	4.5 - 6.5	0	0	0.0	0
Tunbridge	0-6	20-50	5.0-7.0	3.6 - 6.0	0	0	0.0	0
	6-19	5.0-15	1.0-2.0	3.6 - 6.0	0	0	0.0	0
	19-33	---	---	5.1 - 6.5	0	0	0.0	0
	33-37	---	---	---	---	---	---	---
Go:								
Gouldsboro	0-5	15-50	---	5.1 - 6.5	0	0	16.0	10-20
	5-65	10-18	---	5.6 - 8.4	0	0	16.0	10-20
Gt:								
Gouldsboro	0-5	15-50	---	5.1 - 6.5	0	0	16.0	10-20
	5-65	10-18	---	5.6 - 8.4	0	0	16.0	10-20
Beaches	0-6	---	---	---	---	---	0.0	---
	6-60	---	---	---	---	---	0.0	---
HcC:								

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
HcC:								
Hermon	0-3	---	3.0-8.0	3.6 - 5.5	0	0	0.0	0
	3-12	---	2.0-4.0	3.6 - 5.5	0	0	0.0	0
	12-65	---	1.0-6.0	3.6 - 6.0	0	0	0.0	0
Colton	0-4	10-25	2.0-6.0	3.6 - 6.0	0	0	0.0	0
	4-8	15-40	1.0-4.0	3.6 - 6.0	0	0	0.0	0
	8-20	5.0-30	1.0-2.0	3.6 - 6.0	0	0	0.0	0
	20-65	1.0-5.0	---	4.5 - 6.5	0	0	0.0	0
Rock Outcrop	0-60	---	---	---	---	---	---	---
HmB:								
Hermon	0-6	---	4.0-10	3.6 - 5.5	0	0	0.0	0
	6-65	---	1.0-6.0	3.6 - 6.0	0	0	0.0	0
Monadnock	0-8	---	---	3.6 - 6.0	---	---	0.0	---
	8-18	---	---	3.6 - 6.0	---	---	0.0	---
	18-65	---	---	3.6 - 6.0	---	---	0.0	---
HmC:								
Hermon	0-6	---	4.0-10	3.6 - 5.5	0	0	0.0	0
	6-65	---	1.0-6.0	3.6 - 6.0	0	0	0.0	0
Monadnock	0-8	---	---	3.6 - 6.0	---	---	0.0	---
	8-18	---	---	3.6 - 6.0	---	---	0.0	---
	18-65	---	---	3.6 - 6.0	---	---	0.0	---
HtB:								
Hermon	0-3	---	3.0-8.0	3.6 - 5.5	0	0	0.0	0
	3-12	---	2.0-4.0	3.6 - 5.5	0	0	0.0	0
	12-65	---	1.0-6.0	3.6 - 6.0	0	0	0.0	0

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
HtB:								
Monadnock	0-8	---	---	3.6 - 6.0	---	---	0.0	---
	8-20	---	---	3.6 - 6.0	---	---	0.0	---
	20-65	---	---	3.6 - 6.0	---	---	0.0	---
HtC:								
Hermon	0-3	---	3.0-8.0	3.6 - 5.5	0	0	0.0	0
	3-12	---	2.0-4.0	3.6 - 5.5	0	0	0.0	0
	12-65	---	1.0-6.0	3.6 - 6.0	0	0	0.0	0
Monadnock	0-8	---	---	3.6 - 6.0	---	---	0.0	---
	8-20	---	---	3.6 - 6.0	---	---	0.0	---
	20-65	---	---	3.6 - 6.0	---	---	0.0	---
HtE:								
Hermon	0-3	---	3.0-8.0	3.6 - 5.5	0	0	0.0	0
	3-12	---	2.0-4.0	3.6 - 5.5	0	0	0.0	0
	12-65	---	1.0-6.0	3.6 - 6.0	0	0	0.0	0
Monadnock	0-8	---	---	3.6 - 6.0	---	---	0.0	---
	8-20	---	---	3.6 - 6.0	---	---	0.0	---
	20-65	---	---	3.6 - 6.0	---	---	0.0	---
HVC:								
Hermon	0-3	---	3.0-8.0	3.6 - 5.5	0	0	0.0	0
	3-12	---	2.0-4.0	3.6 - 5.5	0	0	0.0	0
	12-65	---	1.0-6.0	3.6 - 6.0	0	0	0.0	0
Monadnock	0-8	---	---	3.6 - 6.0	---	---	0.0	---
	8-20	---	---	3.6 - 6.0	---	---	0.0	---
	20-65	---	---	3.6 - 6.0	---	---	0.0	---
Dixfield	0-6	---	3.0-6.0	3.6 - 6.5	0	0	0.0	0
	6-28	1.0-10	---	4.5 - 6.5	0	0	0.0	0
	28-65	0.0-3.0	---	4.5 - 6.5	0	0	0.0	0

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
HVC:								
HVE:								
Hermon	0-3	---	3.0-8.0	3.6 - 5.5	0	0	0.0	0
	3-12	---	2.0-4.0	3.6 - 5.5	0	0	0.0	0
	12-65	---	1.0-6.0	3.6 - 6.0	0	0	0.0	0
Monadnock	0-8	---	---	3.6 - 6.0	---	---	0.0	---
	8-20	---	---	3.6 - 6.0	---	---	0.0	---
	20-65	---	---	3.6 - 6.0	---	---	0.0	---
Dixfield	0-6	---	3.0-6.0	3.6 - 6.5	0	0	0.0	0
	6-28	1.0-10	---	4.5 - 6.5	0	0	0.0	0
	28-65	0.0-3.0	---	4.5 - 6.5	0	0	0.0	0
Kn:								
Kinsman	0-7	10-20	3.0-9.0	3.6 - 6.0	0	0	0.0	0
	7-37	15-40	1.0-6.0	3.6 - 6.0	0	0	0.0	0
	37-65	1.0-5.0	0.5-1.0	4.5 - 6.0	0	0	0.0	0
KW:								
Kinsman	0-7	10-20	3.0-9.0	3.6 - 6.0	0	0	0.0	0
	7-37	15-40	1.0-6.0	3.6 - 6.0	0	0	0.0	0
	37-65	1.0-5.0	0.5-1.0	4.5 - 6.0	0	0	0.0	0
Wonsqueak	0-8	---	20-50	3.6 - 6.5	0	0	0.0	0
	8-32	20-50	---	4.5 - 6.5	0	0	0.0	0
	32-65	1.0-3.0	---	5.1 - 7.3	0	0	0.0	0
LaB:								
Lamoine	0-7	7.0-16	---	4.5 - 6.5	0	0	0.0	0
	7-17	7.0-17	---	5.1 - 7.3	0	0	0.0	0
	17-21	7.0-15	---	5.1 - 7.3	0	0	0.0	0
	21-65	3.0-15	---	5.6 - 7.3	0	0	0.0	0

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
LbB:								
Lamoine	0-7	7.0-16	---	4.5 - 6.5	0	0	0.0	0
	7-17	7.0-17	---	5.1 - 7.3	0	0	0.0	0
	17-21	7.0-15	---	5.1 - 7.3	0	0	0.0	0
	21-65	3.0-15	---	5.6 - 7.3	0	0	0.0	0
Scantic	0-15	15-19	---	4.5 - 6.5	0	0	0.0	0
	15-35	11-17	---	5.1 - 7.3	0	0	0.0	0
	35-65	3.0-15	---	5.6 - 7.3	0	0	0.0	0
LCB:								
Lamoine	0-7	7.0-16	---	4.5 - 6.5	0	0	0.0	0
	7-17	7.0-17	---	5.1 - 7.3	0	0	0.0	0
	17-21	7.0-15	---	5.1 - 7.3	0	0	0.0	0
	21-65	3.0-15	---	5.6 - 7.3	0	0	0.0	0
Scantic	0-15	15-19	---	4.5 - 6.5	0	0	0.0	0
	15-35	11-17	---	5.1 - 7.3	0	0	0.0	0
	35-65	3.0-15	---	5.6 - 7.3	0	0	0.0	0
Buxton	0-8	17-23	---	4.5 - 6.5	0	0	0.0	0
	8-16	15-29	---	5.1 - 7.3	0	0	0.0	0
	16-35	11-20	---	5.1 - 7.3	0	0	0.0	0
	35-65	3.0-17	---	5.6 - 7.3	0	0	0.0	0
LgB:								
Lyman	0-3	---	---	3.6 - 6.0	---	---	0.0	---
	3-19	---	---	3.6 - 6.0	---	---	0.0	---
	19-23	---	---	---	---	---	---	---
Brayton	0-9	---	3.0-6.0	3.6 - 6.0	0	0	0.0	0
	9-22	3.0-13	---	5.1 - 6.5	0	0	0.0	0
	22-65	2.0-5.0	---	5.6 - 7.3	0	0	0.0	0
LHC:								

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
LHC:								
Lyman	0-3	---	---	3.6 - 6.0	---	---	0.0	---
	3-19	---	---	3.6 - 6.0	---	---	0.0	---
	19-23	---	---	---	---	---	---	---
Brayton	0-9	---	3.0-6.0	3.6 - 6.0	0	0	0.0	0
	9-22	3.0-13	---	5.1 - 6.5	0	0	0.0	0
	22-65	2.0-5.0	---	5.6 - 7.3	0	0	0.0	0
Schoodic	0-9	---	2.0-5.0	3.6 - 5.5	0	0	0.0	0
	9-13	---	---	---	---	---	---	---
LsE:								
Lyman	0-3	---	---	3.6 - 6.0	---	---	0.0	---
	3-19	---	---	3.6 - 6.0	---	---	0.0	---
	19-23	---	---	---	---	---	---	---
Schoodic	0-9	---	2.0-5.0	3.6 - 5.5	0	0	0.0	0
	9-13	---	---	---	---	---	---	---
LTE:								
Lyman	0-3	---	---	3.6 - 6.0	---	---	0.0	---
	3-19	---	---	3.6 - 6.0	---	---	0.0	---
	19-23	---	---	---	---	---	---	---
Schoodic	0-9	---	2.0-5.0	3.6 - 5.5	0	0	0.0	0
	9-13	---	---	---	---	---	---	---
Rock Outcrop	0-60	---	---	---	---	---	---	---
LuC:								
Lyman	0-3	---	---	3.6 - 6.0	---	---	0.0	---
	3-19	---	---	3.6 - 6.0	---	---	0.0	---
	19-23	---	---	---	---	---	---	---

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
LuC:								
Tunbridge	0-6	20-50	5.0-7.0	3.6 - 6.0	0	0	0.0	0
	6-19	5.0-15	1.0-2.0	3.6 - 6.0	0	0	0.0	0
	19-33	---	---	5.1 - 6.5	0	0	0.0	0
	33-37	---	---	---	---	---	---	---
LWC:								
Lyman	0-3	---	---	3.6 - 6.0	---	---	0.0	---
	3-19	---	---	3.6 - 6.0	---	---	0.0	---
	19-23	---	---	---	---	---	---	---
Tunbridge	0-6	20-50	5.0-7.0	3.6 - 6.0	0	0	0.0	0
	6-19	5.0-15	1.0-2.0	3.6 - 6.0	0	0	0.0	0
	19-33	---	---	5.1 - 6.5	0	0	0.0	0
	33-37	---	---	---	---	---	---	---
Schoodic	0-9	---	2.0-5.0	3.6 - 5.5	0	0	0.0	0
	9-13	---	---	---	---	---	---	---
MaC:								
Marlow	0-8	---	---	3.6 - 6.0	---	---	0.0	---
	8-21	---	---	3.6 - 6.0	---	---	0.0	---
	21-65	---	---	3.6 - 6.0	---	---	0.0	---
MaD:								
Marlow	0-8	---	---	3.6 - 6.0	---	---	0.0	---
	8-21	---	---	3.6 - 6.0	---	---	0.0	---
	21-65	---	---	3.6 - 6.0	---	---	0.0	---
MbC:								
Marlow	0-2	---	---	3.6 - 6.0	---	---	0.0	---
	2-21	---	---	3.6 - 6.0	---	---	0.0	---
	21-65	---	---	3.6 - 6.0	---	---	0.0	---
MbE:								

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
MbE:								
Marlow	0-2	---	---	3.6 - 6.0	---	---	0.0	---
	2-21	---	---	3.6 - 6.0	---	---	0.0	---
	21-65	---	---	3.6 - 6.0	---	---	0.0	---
McC:								
Marlow	0-2	---	---	3.6 - 6.0	---	---	0.0	---
	2-21	---	---	3.6 - 6.0	---	---	0.0	---
	21-65	---	---	3.6 - 6.0	---	---	0.0	---
McE:								
Marlow	0-2	---	---	3.6 - 6.0	---	---	0.0	---
	2-21	---	---	3.6 - 6.0	---	---	0.0	---
	21-65	---	---	3.6 - 6.0	---	---	0.0	---
MDC:								
Marlow	0-2	---	---	3.6 - 6.0	---	---	0.0	---
	2-21	---	---	3.6 - 6.0	---	---	0.0	---
	21-65	---	---	3.6 - 6.0	---	---	0.0	---
Dixfield	0-6	---	3.0-6.0	3.6 - 6.5	0	0	0.0	0
	6-28	1.0-10	---	4.5 - 6.5	0	0	0.0	0
	28-65	0.0-3.0	---	4.5 - 6.5	0	0	0.0	0
MDE:								
Marlow	0-2	---	---	3.6 - 6.0	---	---	0.0	---
	2-21	---	---	3.6 - 6.0	---	---	0.0	---
	21-65	---	---	3.6 - 6.0	---	---	0.0	---
Dixfield	0-6	---	3.0-6.0	3.6 - 6.5	0	0	0.0	0
	6-28	1.0-10	---	4.5 - 6.5	0	0	0.0	0
	28-65	0.0-3.0	---	4.5 - 6.5	0	0	0.0	0
MGC:								

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
MGC:								
Marlow	0-2	---	---	3.6 - 6.0	---	---	0.0	---
	2-21	---	---	3.6 - 6.0	---	---	0.0	---
	21-65	---	---	3.6 - 6.0	---	---	0.0	---
Dixfield	0-6	---	2.0-5.0	3.6 - 6.5	0	0	0.0	0
	6-28	1.0-10	---	4.5 - 6.5	0	0	0.0	0
	28-65	0.0-3.0	---	4.5 - 6.5	0	0	0.0	0
MGE:								
Marlow	0-2	---	---	3.6 - 6.0	---	---	0.0	---
	2-21	---	---	3.6 - 6.0	---	---	0.0	---
	21-65	---	---	3.6 - 6.0	---	---	0.0	---
Dixfield	0-6	---	2.0-5.0	3.6 - 6.5	0	0	0.0	0
	6-28	1.0-10	---	4.5 - 6.5	0	0	0.0	0
	28-65	0.0-3.0	---	4.5 - 6.5	0	0	0.0	0
MhC:								
Monadnock	0-8	---	---	3.6 - 6.0	---	---	0.0	---
	8-20	---	---	3.6 - 6.0	---	---	0.0	---
	20-65	---	---	3.6 - 6.0	---	---	0.0	---
Hermon	0-3	---	2.0-6.0	3.6 - 5.5	0	0	0.0	0
	3-12	---	2.0-4.0	3.6 - 5.5	0	0	0.0	0
	12-65	---	1.0-6.0	3.6 - 6.0	0	0	0.0	0
MhE:								
Monadnock	0-8	---	---	3.6 - 6.0	---	---	0.0	---
	8-20	---	---	3.6 - 6.0	---	---	0.0	---
	20-65	---	---	3.6 - 6.0	---	---	0.0	---
Hermon	0-3	---	2.0-6.0	3.6 - 5.5	0	0	0.0	0
	3-12	---	2.0-4.0	3.6 - 5.5	0	0	0.0	0
	12-65	---	1.0-6.0	3.6 - 6.0	0	0	0.0	0

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
MhE:								
MXC:								
Monadnock	0-8	---	---	3.6 - 6.0	---	---	0.0	---
	8-20	---	---	3.6 - 6.0	---	---	0.0	---
	20-65	---	---	3.6 - 6.0	---	---	0.0	---
Hermon	0-3	---	2.0-6.0	3.6 - 5.5	0	0	0.0	0
	3-12	---	2.0-4.0	3.6 - 5.5	0	0	0.0	0
	12-65	---	1.0-6.0	3.6 - 6.0	0	0	0.0	0
Dixfield	0-6	---	2.0-5.0	3.6 - 6.5	0	0	0.0	0
	6-28	1.0-10	---	4.5 - 6.5	0	0	0.0	0
	28-65	0.0-3.0	---	4.5 - 6.5	0	0	0.0	0
MXE:								
Monadnock	0-8	---	---	3.6 - 6.0	---	---	0.0	---
	8-20	---	---	3.6 - 6.0	---	---	0.0	---
	20-65	---	---	3.6 - 6.0	---	---	0.0	---
Hermon	0-3	---	2.0-6.0	3.6 - 5.5	0	0	0.0	0
	3-12	---	2.0-4.0	3.6 - 5.5	0	0	0.0	0
	12-65	---	1.0-6.0	3.6 - 6.0	0	0	0.0	0
Dixfield	0-6	---	2.0-5.0	3.6 - 6.5	0	0	0.0	0
	6-28	1.0-10	---	4.5 - 6.5	0	0	0.0	0
	28-65	0.0-3.0	---	4.5 - 6.5	0	0	0.0	0
NaB:								
Naskeag	0-16	---	5.0-10	3.6 - 5.5	0	0	0.0	0
	16-38	---	0.0-2.0	4.5 - 5.5	0	0	0.0	0
	38-42	---	---	---	---	---	---	---
Schoodic	0-9	---	2.0-5.0	3.6 - 5.5	0	0	0.0	0
	9-13	---	---	---	---	---	---	---

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
NaB:								
NBB:								
Naskeag	0-16	---	5.0-10	3.6 - 5.5	0	0	0.0	0
	16-38	---	0.0-2.0	4.5 - 5.5	0	0	0.0	0
	38-42	---	---	---	---	---	---	---
Schoodic	0-9	---	2.0-5.0	3.6 - 5.5	0	0	0.0	0
	9-13	---	---	---	---	---	---	---
Lyman	0-3	---	---	3.6 - 6.0	---	---	0.0	---
	3-19	---	---	3.6 - 6.0	---	---	0.0	---
	19-23	---	---	---	---	---	---	---
NcB:								
Nicholville	0-2	---	---	3.6 - 6.0	---	---	0.0	---
	2-20	---	---	4.5 - 6.0	---	---	0.0	---
	20-65	---	---	4.5 - 6.5	---	---	0.0	---
NcC:								
Nicholville	0-2	---	---	3.6 - 6.0	---	---	0.0	---
	2-20	---	---	4.5 - 6.0	---	---	0.0	---
	20-65	---	---	4.5 - 6.5	---	---	0.0	---
Ps:								
Pits	0-6	---	---	---	---	---	0.0	---
	6-60	---	---	---	---	---	0.0	---
Sa:								
Scantic	0-15	15-19	---	4.5 - 6.5	0	0	0.0	0
	15-35	11-17	---	5.1 - 7.3	0	0	0.0	0
	35-65	3.0-15	---	5.6 - 7.3	0	0	0.0	0
SB:								

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
SB:								
Scantic	0-15	15-19	---	4.5 - 6.5	0	0	0.0	0
	15-35	11-17	---	5.1 - 7.3	0	0	0.0	0
	35-65	3.0-15	---	5.6 - 7.3	0	0	0.0	0
Biddeford	0-9	12-30	---	4.5 - 6.5	0	0	0.0	0
	9-19	6.0-8.0	---	5.1 - 7.3	0	0	0.0	0
	19-25	5.0-11	---	5.1 - 7.8	0	0	0.0	0
	25-65	2.0-5.0	---	6.1 - 7.8	0	0	0.0	0
SdB:								
Scantic	0-15	13-17	---	4.5 - 6.5	0	0	0.0	0
	15-35	11-17	---	5.1 - 7.3	0	0	0.0	0
	35-65	3.0-15	---	5.6 - 7.3	0	0	0.0	0
Lamoine	0-7	5.0-14	---	4.5 - 6.5	0	0	0.0	0
	7-17	7.0-17	---	5.1 - 7.3	0	0	0.0	0
	17-21	7.0-15	---	5.1 - 7.3	0	0	0.0	0
	21-65	3.0-15	---	5.6 - 7.3	0	0	0.0	0
SEB:								
Scantic	0-15	13-17	---	4.5 - 6.5	0	0	0.0	0
	15-35	11-17	---	5.1 - 7.3	0	0	0.0	0
	35-65	3.0-15	---	5.6 - 7.3	0	0	0.0	0
Lamoine	0-7	5.0-14	---	4.5 - 6.5	0	0	0.0	0
	7-17	7.0-17	---	5.1 - 7.3	0	0	0.0	0
	17-21	7.0-15	---	5.1 - 7.3	0	0	0.0	0
	21-65	3.0-15	---	5.6 - 7.3	0	0	0.0	0
Dixfield	0-6	---	3.0-6.0	3.6 - 6.5	0	0	0.0	0
	6-28	1.0-10	---	4.5 - 6.5	0	0	0.0	0
	28-65	0.0-3.0	---	4.5 - 6.5	0	0	0.0	0
SfC:								

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
SfC:								
Schoodic	0-9	---	2.0-5.0	3.6 - 5.5	0	0	0.0	0
	9-13	---	---	---	---	---	---	---
Rock Outcrop	0-60	---	---	---	---	---	---	---
SfE:								
Schoodic	0-9	---	2.0-5.0	3.6 - 5.5	0	0	0.0	0
	9-13	---	---	---	---	---	---	---
Rock Outcrop	0-60	---	---	---	---	---	---	---
SGE:								
Schoodic	0-9	---	2.0-5.0	3.6 - 5.5	0	0	0.0	0
	9-13	---	---	---	---	---	---	---
Rock Outcrop	0-60	---	---	---	---	---	---	---
Lyman	0-3	---	---	3.6 - 6.0	---	---	0.0	---
	3-19	---	---	3.6 - 6.0	---	---	0.0	---
	19-23	---	---	---	---	---	---	---
SKC:								
Schoodic	0-9	---	2.0-5.0	3.6 - 5.5	0	0	0.0	0
	9-13	---	---	---	---	---	---	---
Rock Outcrop	0-60	---	---	---	---	---	---	---
Naskeag	0-16	---	5.0-10	3.6 - 5.5	0	0	0.0	0
	16-38	---	0.0-2.0	4.5 - 5.5	0	0	0.0	0
	38-42	---	---	---	---	---	---	---
SmB:								

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
SmB:								
Sheepscot	0-7	---	8.0-18	3.6 - 6.5	0	0	0.0	0
	7-18	---	1.0-6.0	3.6 - 6.5	0	0	0.0	0
	18-24	---	1.0-2.0	3.6 - 6.5	0	0	0.0	0
	24-65	0.0-1.0	---	4.5 - 6.5	0	0	0.0	0
SoB:								
Sheepscot	0-7	---	6.0-15	3.6 - 6.5	0	0	0.0	0
	7-18	---	1.0-6.0	3.6 - 6.5	0	0	0.0	0
	18-24	---	1.0-2.0	3.6 - 6.5	0	0	0.0	0
	24-65	0.0-1.0	---	4.5 - 6.5	0	0	0.0	0
SoC:								
Sheepscot	0-7	---	6.0-15	3.6 - 6.5	0	0	0.0	0
	7-18	---	1.0-6.0	3.6 - 6.5	0	0	0.0	0
	18-24	---	1.0-2.0	3.6 - 6.5	0	0	0.0	0
	24-65	0.0-1.0	---	4.5 - 6.5	0	0	0.0	0
SrB:								
Sheepscot	0-7	---	8.0-18	3.6 - 6.5	0	0	0.0	0
	7-18	---	1.0-6.0	3.6 - 6.5	0	0	0.0	0
	18-24	---	1.0-2.0	3.6 - 6.5	0	0	0.0	0
	24-65	0.0-1.0	---	4.5 - 6.5	0	0	0.0	0
Rock Outcrop	0-60	---	---	---	---	---	---	---
ThC:								
Thorndike	0-3	---	3.0-6.0	3.6 - 6.0	0	0	0.0	0
	3-18	---	2.0-13	3.6 - 6.0	0	0	0.0	0
	18-22	---	---	---	---	---	---	---
Winnecook	0-4	---	2.0-6.0	3.6 - 6.0	0	0	0.0	0
	4-32	---	1.0-6.0	3.6 - 6.0	0	0	0.0	0
	32-36	---	---	---	---	---	---	---

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
TuB:								
Tunbridge	0-6	20-50	6.0-8.0	3.6 - 6.0	---	---	---	---
	6-15	5.0-25	2.0-10	3.6 - 6.0	---	---	---	---
	15-29	5.0-15	---	5.1 - 6.5	---	---	---	---
	29-33	---	---	---	---	---	---	---
Lyman	0-5	---	---	3.6 - 6.0	---	---	0.0	---
	5-17	---	---	3.6 - 6.0	---	---	0.0	---
	17-21	---	---	---	---	---	---	---
TuC:								
Tunbridge	0-6	20-50	6.0-8.0	3.6 - 6.0	---	---	---	---
	6-15	5.0-25	2.0-10	3.6 - 6.0	---	---	---	---
	15-29	5.0-15	---	5.1 - 6.5	---	---	---	---
	29-33	---	---	---	---	---	---	---
Lyman	0-5	---	---	3.6 - 6.0	---	---	0.0	---
	5-17	---	---	3.6 - 6.0	---	---	0.0	---
	17-21	---	---	---	---	---	---	---
TWC:								
Tunbridge	0-6	20-50	6.0-8.0	3.6 - 6.0	---	---	---	---
	6-15	5.0-25	2.0-10	3.6 - 6.0	---	---	---	---
	15-29	5.0-15	---	5.1 - 6.5	---	---	---	---
	29-33	---	---	---	---	---	---	---
Lyman	0-5	---	---	3.6 - 6.0	---	---	0.0	---
	5-17	---	---	3.6 - 6.0	---	---	0.0	---
	17-21	---	---	---	---	---	---	---
Marlow	0-8	---	---	3.6 - 6.0	---	---	0.0	---
	8-21	---	---	3.6 - 6.0	---	---	0.0	---
	21-65	---	---	3.6 - 6.0	---	---	0.0	---
Ud:								

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
Ud:								
Udorthents	0-65	---	---	4.5 - 7.8	---	---	---	---
Urban Land	0-6	---	---	---	---	---	0.0	---
W:								
Water	---	---	---	---	---	---	---	---
WA:								
Waskish	0-65	---	---	3.6 - 4.5	0	0	0.0	0
Sebago	0-34	---	20-50	3.6 - 4.4	0	0	0.0	0
	34-65	---	20-50	3.6 - 4.4	0	0	0.0	0
WkC:								
Winnecook	0-12	---	4.0-8.0	3.6 - 6.0	0	0	0.0	0
	12-30	---	1.0-6.0	3.6 - 6.0	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Thorndike	0-7	---	5.0-7.0	3.6 - 6.0	0	0	0.0	0
	7-16	---	2.0-5.0	3.6 - 6.0	0	0	0.0	0
	16-20	---	---	---	---	---	---	---
Wo:								
Wonsqueak	0-8	---	20-50	3.6 - 6.5	0	0	0.0	0
	8-32	20-50	---	4.5 - 6.5	0	0	0.0	0
	32-65	1.0-3.0	---	5.1 - 7.3	0	0	0.0	0
Ws:								
Wonsqueak	0-8	---	20-50	3.6 - 6.5	0	0	0.0	0
	8-32	20-50	---	4.5 - 6.5	0	0	0.0	0
	32-65	1.0-3.0	---	5.1 - 7.3	0	0	0.0	0

Chemical Properties of the Soils - Continued

Hancock County Area, Maine

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsym	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
Ws:								
Bucksport	0-12	---	20-50	3.6 - 5.5	0	0	0.0	0
	12-25	---	20-50	3.6 - 6.0	0	0	0.0	0
	25-65	20-50	---	4.5 - 6.5	0	0	0.0	0
WT:								
Wonsqueak	0-8	---	20-50	3.6 - 6.5	0	0	0.0	0
	8-32	20-50	---	4.5 - 6.5	0	0	0.0	0
	32-65	1.0-3.0	---	5.1 - 7.3	0	0	0.0	0
Bucksport	0-12	---	20-50	3.6 - 5.5	0	0	0.0	0
	12-25	---	20-50	3.6 - 6.0	0	0	0.0	0
	25-65	20-50	---	4.5 - 6.5	0	0	0.0	0
Sebago	0-34	---	20-50	3.6 - 4.4	0	0	0.0	0
	34-65	---	20-50	3.6 - 4.4	0	0	0.0	0