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Web Soil Survey

Merrimack County Soil Data

Soil Data for Merrimack County, New Hampshire

****The soil information for this soil survey area is out-of-date.**

Refer to the **Merrimack-Belknap Soil Survey Update (MBSS)** for the most current information.

These documents require Adobe Acrobat, Microsoft Access, Microsoft Excel, or WinZip [↗](#) .

Soil Attribute Data (63 KB) - *Last updated June 29, 2001*
Contains soil data about several important soil properties and interpretations including parent material, slope, drainage class water table, flooding frequency, depth to bedrock, permeability, erosion factors, and hydric rating.

Data Dictionary (233 KB pdf) - *Last Updated March 8, 2012*
An explanation of the data codes in the Soil Attribute Data spreadsheet.

Agricultural Evaluation Data (64 KB)
Rankings of soils within a survey area by SPI value. Provides a cumulative extent.

Agricultural Acres (60 KB)
A listing of all prime, state and locally important farm land soils and their acreage extent within the county.

Spatial Soil Data

The spatial data for the soil survey data here is hosted by the following:

- Web Soil Survey** (Soil Maps and data)
- Soil Data Mart
- SSURGO Certified Spatial and Attribute Soil Data
- NH GRANIT [↗](#)

Prime, Statewide, and Locally Important Farmland Soils Merrimack County, New Hampshire

Date of Download: 10/23/2000

Map Unit Symbol	Map Unit Name	Farmland Class	Map Unit Acres
AfA	AGAWAM VERY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	All areas are prime farmland	920
AfB	AGAWAM VERY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	All areas are prime farmland	1,321
BcB	BELGRADE SILT LOAM, 0 TO 8 PERCENT SLOPES	All areas are prime farmland	253
NnA	NINIGRET VERY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	All areas are prime farmland	376
Oh	ONDAWA FINE SANDY LOAM, HIGH BOTTOM	All areas are prime farmland	2,660
Pab	PAXTON LOAM, 0 TO 8 PERCENT SLOPES	All areas are prime farmland	17,400
Po	PODUNK FINE SANDY LOAM	All areas are prime farmland	2,663
Wob	WOODBIDGE LOAM, 0 TO 8 PERCENT SLOPES	All areas are prime farmland	3,640
Ru	RUMNEY FINE SANDY LOAM	Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season	2,430
Of	ONDAWA FINE SANDY LOAM	Prime farmland if protected from flooding or not frequently flooded during the growing season	5,290
Total Prime Farmland Acres			36,953
AcB	ACTON FINE SANDY LOAM, 0 TO 8 PERCENT SLOPES	Farmland of statewide importance	2,037
GcB	GLOUCESTER SANDY LOAM, 3 TO 8 PERCENT SLOPES	Farmland of statewide importance	7,660
Gcc	GLOUCESTER SANDY LOAM, 8 TO 15 PERCENT SLOPES	Farmland of statewide importance	4,635
HmB	HERMON SANDY LOAM, 3 TO 8 PERCENT SLOPES	Farmland of statewide importance	1,725
HmC	HERMON SANDY LOAM, 8 TO 15 PERCENT SLOPES	Farmland of statewide importance	1,042
MmC	MERRIMAC SANDY LOAM, 8 TO 15 PERCENT SLOPES	Farmland of statewide importance	6,390
Pac	PAXTON LOAM, 8 TO 15 PERCENT SLOPES	Farmland of statewide importance	10,580
Sgb	SHAPLEIGH-GLOUCESTER SANDY LOAMS, 3 TO 8 PERCENT SLOPES	Farmland of statewide importance	1,262
SuA	SUDBURY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	Farmland of statewide importance	1,460
SuB	SUDBURY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	Farmland of statewide importance	2,341
Woc	WOODBIDGE LOAM, 8 TO 15 PERCENT SLOPES	Farmland of statewide importance	522
Total Acres of Statewide Importance			39,654
Aga	AU GRES FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	Farmland of local importance	873
AgB	AU GRES FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	Farmland of local importance	655
AuB	AU GRES LOAMY SAND, 0 TO 8 PERCENT SLOPES	Farmland of local importance	3,121
CoA	COLTON LOAMY SAND, 0 TO 3 PERCENT SLOPES	Farmland of local importance	509
CoB	COLTON LOAMY SAND, 3 TO 8 PERCENT SLOPES	Farmland of local importance	1,840
DuB	DUANE FINE SANDY LOAM, 0 TO 8 PERCENT SLOPES	Farmland of local importance	857
GrB	GLOUCESTER VERY STONY SANDY LOAM, 3 TO 8 PERCENT SLOPES	Farmland of local importance	19,920

Prime, Statewide, and Locally Important Farmland Soils Merrimack County, New Hampshire

Date of Download: 10/23/2000

Map Unit Symbol	Map Unit Name	Farmland Class	Map Unit Acres
HnB	HERMON VERY STONY SANDY LOAM, 3 TO 8 PERCENT SLOPES	Farmland of local importance	4,489
HsA	HINCKLEY LOAMY SAND, 0 TO 3 PERCENT SLOPES	Farmland of local importance	2,260
HsB	HINCKLEY LOAMY SAND, 3 TO 8 PERCENT SLOPES	Farmland of local importance	8,160
Lm	LIMERICK SILT LOAM, HIGH BOTTOM	Farmland of local importance	393
PnB	PAXTON VERY STONY LOAM, 3 TO 8 PERCENT SLOPES	Farmland of local importance	11,275
PnC	PAXTON VERY STONY LOAM, 8 TO 15 PERCENT SLOPES	Farmland of local importance	19,300
RbA	RIDGEBURY LOAM, 0 TO 3 PERCENT SLOPES	Farmland of local importance	889
RbB	RIDGEBURY LOAM, 3 TO 8 PERCENT SLOPES	Farmland of local importance	459
Sy	SUNCOOK LOAMY SAND	Farmland of local importance	2,617
WdA	WINDSOR LOAMY SAND, 0 TO 3 PERCENT SLOPES	Farmland of local importance	1,499
WdB	WINDSOR LOAMY SAND, 3 TO 8 PERCENT SLOPES	Farmland of local importance	3,299
WdC	WINDSOR LOAMY SAND, 8 TO 15 PERCENT SLOPES	Farmland of local importance	3,210
WwB	WOODBIDGE VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	Farmland of local importance	6,001
WwC	WOODBIDGE VERY STONY LOAM, 8 TO 15 PERCENT SLOPES	Farmland of local importance	2,335
Total Acres of Local Importance			93,961
Total Acres of Prime, Statewide and Locally Important Soils			170,568

Agricultural Evaluation Worksheet

Merrimack County, New Hampshire

Date of Download: 10/23/2000

<u>Map Unit Symbol</u>	<u>Map Unit Name</u>	<u>Farmland Class</u>	<u>NH SPI</u>	<u>Map Unit Acres</u>	<u>Accum. Acres</u>	<u>Accum. Acres %</u>
AfA	AGAWAM VERY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	All areas are prime farmland	100	920	920	0.15
AtB	AGAWAM VERY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	All areas are prime farmland	97.5	1,321	2,241	0.37
Of	ONDAWA FINE SANDY LOAM	Prime farmland if protected from flooding or not frequently flooded during the growing season	96.5	5,290	7,531	1.23
Oh	ONDAWA FINE SANDY LOAM, HIGH BOTTOM	All areas are prime farmland	96.5	2,660	10,191	1.67
PAb	PAXTON LOAM, 0 TO 8 PERCENT SLOPES	All areas are prime farmland	93	17,400	27,591	4.51
GcB	GLOUCESTER SANDY LOAM, 3 TO 8 PERCENT SLOPES	Farmland of statewide importance	89.5	7,660	35,251	5.77
NhA	NINIGRET VERY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	All areas are prime farmland	89	376	35,627	5.83
BcB	BELGRADE SILT LOAM, 0 TO 8 PERCENT SLOPES	All areas are prime farmland	82.5	253	35,880	5.87
Po	PODUNK FINE SANDY LOAM	All areas are prime farmland	81.5	2,663	38,543	6.31
MmA	MERRIMAC SANDY LOAM, 0 TO 3 PERCENT SLOPES	Not prime farmland	80.5	3,350	41,893	6.86
MmB	MERRIMAC SANDY LOAM, 3 TO 8 PERCENT SLOPES	Not prime farmland	79	11,100	52,993	8.67
Ru	RUMNEY FINE SANDY LOAM	Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season	77.5	2,430	55,423	9.07
PAC	PAXTON LOAM, 8 TO 15 PERCENT SLOPES	Farmland of statewide importance	77	10,580	66,003	10.80
PnB	PAXTON VERY STONY LOAM, 3 TO 8 PERCENT SLOPES	Farmland of local importance	77	11,275	77,278	12.65
Lm	LIMERICK SILT LOAM, HIGH BOTTOM	Farmland of local importance	76	393	77,671	12.71
GcC	GLOUCESTER SANDY LOAM, 8 TO 15 PERCENT SLOPES	Farmland of statewide importance	73.5	4,635	82,306	13.47
GrB	GLOUCESTER VERY STONY SANDY LOAM, 3 TO 8 PERCENT SLOPES	Farmland of local importance	73.5	19,920	102,226	16.73
WOb	WOODBIDGE LOAM, 0 TO 8 PERCENT SLOPES	All areas are prime farmland	71.5	3,640	105,866	17.32
HsA	HINCKLEY LOAMY SAND, 0 TO 3 PERCENT SLOPES	Farmland of local importance	63.5	2,260	108,126	17.69
Sy	SUNCOOK LOAMY SAND	Farmland of local importance	63.5	2,617	110,743	18.12
WdA	WINDSOR LOAMY SAND, 0 TO 3 PERCENT SLOPES	Farmland of local importance	63.5	1,499	112,242	18.37
MmC	MERRIMAC SANDY LOAM, 8 TO 15 PERCENT SLOPES	Farmland of statewide importance	63	6,390	118,632	19.41
AcB	ACTON FINE SANDY LOAM, 0 TO 8 PERCENT SLOPES	Farmland of statewide importance	62.5	2,037	120,669	19.75
HsB	HINCKLEY LOAMY SAND, 3 TO 8 PERCENT SLOPES	Farmland of local importance	62	8,160	128,829	21.08
WdB	WINDSOR LOAMY SAND, 3 TO 8 PERCENT SLOPES	Farmland of local importance	62	3,299	132,128	21.62

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Map Unit Symbol	Map Unit Name	Farmland Class	NH SPI	Map Unit Acres	Accum. Acres	Accum. Acres %
PnC	PAXTON VERY STONY LOAM, 8 TO 15 PERCENT SLOPES	Farmland of local importance	61	19,300	151,428	24.78
W0C	WOODBIDGE LOAM, 8 TO 15 PERCENT SLOPES	Farmland of statewide importance	61	522	151,950	24.86
AuB	AU GRES LOAMY SAND, 0 TO 8 PERCENT SLOPES	Farmland of local importance	60	3,121	155,071	25.38
CoA	COLTON LOAMY SAND, 0 TO 3 PERCENT SLOPES	Farmland of local importance	60	509	155,580	25.46
SgB	SHAPLEIGH-GLOUCESTER SANDY LOAMS, 3 TO 8 PERCENT SLOPES	Farmland of statewide importance	60	1,262	156,842	25.67
CoB	COLTON LOAMY SAND, 3 TO 8 PERCENT SLOPES	Farmland of local importance	58.5	1,840	158,682	25.97
AgA	AU GRES FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	Farmland of local importance	58	873	159,555	26.11
HmB	HERMON SANDY LOAM, 3 TO 8 PERCENT SLOPES	Farmland of statewide importance	58	1,725	161,280	26.39
RbA	RIDGEBURY LOAM, 0 TO 3 PERCENT SLOPES	Farmland of local importance	58	889	162,169	26.54
GnC	GLOUCESTER VERY STONY SANDY LOAM, 8 TO 15 PERCENT SLOPES	Not prime farmland	57.5	23,350	185,519	30.36
AgB	AU GRES FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	Farmland of local importance	56.5	655	186,174	30.47
RbB	RIDGEBURY LOAM, 3 TO 8 PERCENT SLOPES	Farmland of local importance	56.5	459	186,633	30.54
WvB	WOODBIDGE VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	Farmland of local importance	55	6,001	192,634	31.52
SuA	SUDBURY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	Farmland of statewide importance	52.5	1,460	194,094	31.76
SuB	SUDBURY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	Farmland of statewide importance	51	2,341	196,435	32.14
SgC	SHAPLEIGH-GLOUCESTER SANDY LOAMS, 8 TO 15 PERCENT SLOPES	Not prime farmland	48	729	197,164	32.26
DuB	DUANE FINE SANDY LOAM, 0 TO 8 PERCENT SLOPES	Farmland of local importance	47.5	857	198,021	32.40
AdB	ACTON VERY STONY FINE SANDY LOAM, 0 TO 8 PERCENT SLOPES	Not prime farmland	46.5	2,869	200,890	32.87
HsC	HINCKLEY LOAMY SAND, 8 TO 15 PERCENT SLOPES	Not prime farmland	46	3,257	204,147	33.41
WdC	WINDSOR LOAMY SAND, 8 TO 15 PERCENT SLOPES	Farmland of local importance	46	3,210	207,357	33.93
CoC	COLTON LOAMY SAND, 8 TO 15 PERCENT SLOPES	Not prime farmland	42.5	734	208,091	34.05
GdC	GLOUCESTER SANDY LOAM, 15 TO 25 PERCENT SLOPES	Not prime farmland	41.5	1,619	209,710	34.32
PaD	PAXTON LOAM, 15 TO 25 PERCENT SLOPES	Not prime farmland	41.5	2,850	212,560	34.78
WvC	WOODBIDGE VERY STONY LOAM, 8 TO 15 PERCENT SLOPES	Farmland of local importance	39	2,335	214,895	35.17
HmC	HERMON SANDY LOAM, 8 TO 15 PERCENT SLOPES	Farmland of statewide importance	37.5	1,042	215,937	35.34
HmB	HERMON VERY STONY SANDY LOAM, 3 TO 8 PERCENT SLOPES	Farmland of local importance	37	4,489	220,426	36.07

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Map Unit Symbol	Map Unit Name	Farmland Class	NH SPI	Map Unit Acres	Accum. Acres	Accum. Acres %
GfD	GLOUCESTER VERY STONY SANDY LOAM, 15 TO 25 PERCENT SLOPES	Not prime farmland	33.5	5,609	226,035	36.99
PnD	PAXTON VERY STONY LOAM, 15 TO 25 PERCENT SLOPES	Not prime farmland	33.5	4,930	230,965	37.79
AdC	ACTON VERY STONY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	Not prime farmland	30.5	1,526	232,491	38.04
ShC	SHAPLEIGH-GLOUCESTER VERY ROCKY SANDY LOAMS, 3 TO 15 PERCENT SLOPES	Not prime farmland	29.5	5,720	238,211	38.98
HmD	HERMON SANDY LOAM, 15 TO 25 PERCENT SLOPES	Not prime farmland	27.5	564	238,775	39.07
RdA	RIDGEBURY AND WHITMAN VERY STONY LOAMS, 0 TO 3 PERCENT SLOPES	Not prime farmland	24.5	14,520	253,295	41.45
HnC	HERMON VERY STONY SANDY LOAM, 8 TO 15 PERCENT SLOPES	Not prime farmland	23	5,260	258,555	42.31
RdB	RIDGEBURY AND WHITMAN VERY STONY LOAMS, 3 TO 8 PERCENT SLOPES	Not prime farmland	23	5,515	264,070	43.21
CaC	CANAAN-HERMAN VERY ROCKY SANDY LOAMS, 3 TO 15 PERCENT SLOPES	Not prime farmland	20.5	1,290	265,360	43.42
HnD	HERMON VERY STONY SANDY LOAM, 15 TO 25 PERCENT SLOPES	Not prime farmland	19.5	1,260	266,620	43.63
CaD	CANAAN-HERMON VERY ROCKY SANDY LOAMS, 15 TO 25 PERCENT SLOPES	Not prime farmland	17	283	266,903	43.68
ShD	SHAPLEIGH-GLOUCESTER VERY ROCKY SANDY LOAMS, 15 TO 25 PERCENT SLOPES	Not prime farmland	12.5	1,257	268,160	43.88
ChD	CANAAN-HERMON EXTREMELY ROCKY SANDY LOAMS, 8 TO 25 PERCENT SLOPES	Not prime farmland	0	1,918	270,078	44.20
ChE	CANAAN-HERMAN EXTREMELY ROCKY SANDY LOAMS, 25 TO 60 PERCENT SLOPES	Not prime farmland	0	597	270,675	44.29
CfE	COLTON GRAVELLY LOAMY SAND, 15 TO 60 PERCENT SLOPES	Not prime farmland	0	1,392	272,067	44.52
GfE	GLOUCESTER VERY STONY SANDY LOAM, 25 TO 60 PERCENT SLOPES	Not prime farmland	0	1,700	273,767	44.80
GsD	GLOUCESTER EXTREMELY STONY SANDY LOAM, 8 TO 25 PERCENT SLOPES	Not prime farmland	0	193,800	467,567	76.51
GsE	GLOUCESTER EXTREMELY STONY SANDY LOAM, 25 TO 60 PERCENT SLOPES	Not prime farmland	0	26,100	493,667	80.78

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Map Unit Symbol	Map Unit Name	Farmland Class	NH SPI	Map Unit Acres	Accum. Acres	Accum. Acres %
Gv	GRAVEL PITS	Not prime farmland	0	3,801	497,468	81.41
HoD	HERMON EXTREMELY STONY SANDY LOAM, 8 TO 25 PERCENT SLOPES	Not prime farmland	0	41,961	539,429	88.27
HoE	HERMON EXTREMELY STONY SANDY LOAM, 25 TO 60 PERCENT SLOPES	Not prime farmland	0	6,473	545,902	89.33
HiE	HINCKLEY GRAVELLY LOAMY SAND, 15 TO 60 PERCENT SLOPES	Not prime farmland	0	6,190	552,092	90.34
Ma	MADE LAND	Not prime farmland	0	1,100	553,192	90.52
Mh	MARSH	Not prime farmland	0	1,109	554,301	90.71
Mn	MIXED ALLUVIAL LAND	Not prime farmland	0	3,340	557,641	91.25
Mp	MUCK AND PEAT	Not prime farmland	0	10,900	568,541	93.04
PnE	PAXTON VERY STONY LOAM, 25 TO 60 PERCENT SLOPES	Not prime farmland	0	2,800	571,341	93.49
Rh	RIVERWASH	Not prime farmland	0	267	571,608	93.54
Ro	ROCK OUTCROP	Not prime farmland	0	242	571,850	93.58
Sa	SACO SILT LOAM	Not prime farmland	0	2,482	574,332	93.98
Sc	SCARBORO FINE SANDY LOAM	Not prime farmland	0	2,279	576,611	94.36
Sod	SHAPLEIGH-GLOUCESTER EXTREMELY ROCKY SANDY LOAMS, 8 TO 25 PERCENT SLOPES	Not prime farmland	0	8,500	585,111	95.75
SoE	SHAPLEIGH-GLOUCESTER EXTREMELY ROCKY SANDY LOAMS, 25 TO 60 PERCENT SLOPES	Not prime farmland	0	2,650	587,761	96.18
W	WATER (LESS THAN 40 ACRES)	Not prime farmland	0	5,400	593,161	97.06
WATER	WATER (GREATER THAN 40 ACRES)	Not prime farmland	0	16,540	609,701	99.77
WdE	WINDSOR LOAMY SAND, 15 TO 60 PERCENT SLOPES	Not prime farmland	0	1,399	611,100	100.00