

Key to the Soils of New Hampshire

PARENT MATERIAL <i>temperature regime</i>	Soil						
	Drainage Class						
	Excessively Drained	Somewhat Excessively Drained	Well Drained	Moderately Well Drained	Somewhat Poorly Drained	Poorly Drained	Very Poorly Drained
A. Alluvial Deposits Soils Developing on Flood Plain (Bottomland) Deposits							
<u>Sandy to loamy textures</u> <i>Mesic</i>	Suncook		Occum	Pootatuck	Pootatuck Variant	Rippowam Lim	
<i>Frigid</i>	Sunday		Ondawa Ondawa sandy-substratum	Podunk Podunk sandy substratum	Podunk Variant	Rumney	
<u>Silty textures</u> <i>Mesic</i>			Hadley	Winooski		Limerick	Saco
<i>Frigid</i>			Fryeburg	Lovewell		Charles	Medomak
<u>Loamy over gravelly textures</u> <i>Frigid</i>			Abenaki	Metallak Podunk sandy substratum		Cohas Limerick cool sandy substratum	Saco Variant
B. Glaciofluvial Ice Contact and Proglacial Deposits Soils Developed on Outwash and Stream Terraces							
<u>Stratified sand and gravel deposits</u> <i>Mesic</i>	Hinckley	Merrimac		Sudbury	Sudbury	Walpole	Scarboro
<i>Frigid</i>	Colton Boscawen			Duane Sheepscot	Duane variant	Kinsman	Searsport
<u>Sandy deposits</u> <i>Mesic</i>	Windsor Caesar			Deerfield	Deerfield variant	Mashpee Wareham Pipestone Saugatuck	Scarboro
<i>Frigid</i>		Champlain Adams		Croghan	Croghan variant Finch	Naumburg Au Gres	Searsport
<u>Loamy textured material underlain by sand or gravel</u> <i>Mesic</i>			Agawam Haven	Ninigret	Ninigret variant	Raypol	
<i>Frigid</i>			Allagash Groveton Salmon sandy-substratum	Madawaska Nicholville sandy-substratum	Madawaska	Grange Raynham cool sandy substratum	
<u>Stratified sand and gravel deposits with a high % of schist; phyllite</u> <i>Mesic</i>	Quonset	Hoosic Warwick					
<i>Frigid</i>		Masardis	Stetson	Machias			
C. Marine or Glaciolacustrine Deposits Soils Developed in Silt and Clay							
<u>Silt and clay deposits</u> <i>Mesic</i>			Suffield	Boxford	Boxford	Scitico	Maybid
<i>Frigid</i>				Buxton		Scantic	Biddeford
<u>Very fine sand and silt</u> <i>Mesic</i>			Hartland Hitchcock Unadilla Unadilla Variant Poocham	Belgrade Dartmouth Scio	Raynham Scio Variant	Raynham Binghamville	
<i>Frigid</i>			Salmon	Nicholville	Roundabout	Pemi Roundabout	
<u>Sandy or loamy material 1.5 to 3 feet thick over silt and clay deposits</u> <i>Mesic</i>		Windsor variant		Eldridge Elmridge	Eldridge variant Shaker variant	Squamscott Shaker	
<i>Frigid</i>			Melrose	Elmwood	Swanton	Swanton	

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D. Till Materials							
Soils Developed in Glacial Till							
<u>Loose till of sandy textures</u> <i>Mesic</i>		Gloucester Shapleigh* **	Canton	Newfields Acton	Newfields variant		Scarboro very stony
<i>Frigid</i>		Hermon Gloucester cool Success	Monadnock Chichester	Waumbek Acton cool	Moosilauke	Moosilauke Lyme	
<i>Cryic</i>		Hermon variant	Monadnock variant				
<u>Loose or firm till of loamy textures</u> <i>Mesic</i>			Hollis* Charlton Chatfield**	Sutton Chatfield variant *	Sutton Var. Chatfield variant **	Leicester variant Leicester	
<i>Frigid</i>		Lyman** Woodstock** Millsite** Hogback**	Berkshire Millsite** Rawsonville** Tunbridge** Bice Macomber** Houghtonville	Sunapee Sutton cool	Sunapee variant	Lyme Leicester cool	
<i>Cryic</i>			Berkshire variant				
<u>Friable till of silty textures derived mainly from mica schist and phyllite</u> <i>Mesic</i>		Kearsarge**	Dutchess Cardigan** Pennichuck**				
<i>Frigid</i>		Thorndike** Glover** Monson**	Bangor Variant Bangor Winnecook** Elliottsville** Macomber**	Dixmont	Dixmont		
<u>Firm, compact, platy till of silty textures derived primarily from mica schist and phyllite</u> <i>Mesic</i>			Bernardston Bernardston variant	Pittstown Pittstown variant (Typic)	Pittstown variant	Stissing	
<i>Frigid</i>			Plaisted Lanesboro	Howland Chesuncook Buckland	Telos	Cabot Monarda Brayton	Peacham Burnham
<i>Cryic</i>			Sisk Saddleback** Stratton** Glebe**	Surplus	Surplus	Bemis Monarda variant	
<u>Firm, compact, platy till of sandy textures</u> <i>Mesic</i>			Montauk Millis*	Scituate			
<i>Frigid</i>			Becket Henniker	Skerry Metacomet			
<u>Firm, compact, platy till of loamy textures</u> - <i>Mesic</i>			Paxton	Woodbridge	Ridgebury	Ridgebury	Whitman
<i>Frigid</i>			Marlow Canterbury Paxton cool	Woodbridge cool Mundal Dixfield Peru* Buckland Gilmanton Peru variant.*	Colonel	Pillsbury Brayton Pillsbury variant** Cabot	Whitman cool Peacham

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E. Weathered Bedrock Soils Developed on Weathered Bedrock							
<u>Loose crystalline rock fragments primarily weathered Conway granite (mainly Carroll, Grafton & Coos Co.)</u> <i>Frigid</i>		Canaan*	Redstone				
<u>Loose phyllite fragments</u> <i>Frigid</i>			Lombard				
F. Organic Materials - Upland Soils Developed in Organic Materials							
<u>Very shallow to shallow over bedrock</u> <i>Cryic</i>			Ricker*				
G. Organic Materials - Freshwater Soils Developed in Organic Materials							
<u>Undecomposed deposits of plant material over 51 inches (peat)</u> <i>Frigid</i>							Waskish ♦ Vassalboro
<u>Deep, decomposed deposits of plant material over 51 inches (muck)</u> <i>Mesic</i>							Catden
<i>Frigid</i>							Bucksport Borohemists Greenwood ♦
<u>Deep, decomposed deposits of plant material over 51 inches (mucky peat)</u> <i>Frigid</i>							Meadowsedge
<u>Organic materials 16-51 inches over sand or loamy sand</u> <i>Mesic</i>							Timakwa
<i>Frigid</i>							Pondicherry Chocorua
<u>Organic materials 16-51 inches over loamy materials</u> <i>Mesic</i>							Natchaug
<i>Frigid</i>							Wonsqueak Ossipee
H. Organic Materials - Tidal Flat Soils Developed in Organic Materials							
<u>Organic materials greater than 51 inches</u> <i>Mesic</i>							Ipswich
<u>Organic materials less than 51 inches over sandy materials</u> <i>Mesic</i>							Matunuck Pawcatuck
<u>Organic materials 16-51 inches over silty materials</u> <i>Mesic</i>							Westbrook

FOOTNOTES

- ♦ No longer active soil names
- * Bedrock controlled soils
- ♦ Out of MLRA Region R soil