

Dwellings and Small Commercial Buildings

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

[The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the potential limitation. The table shows only the top five limitations for any given soil. The soil may have additional limitations]

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Aa:							
Adrian	90	Very limited		Very limited		Very limited	
		Subsidence	1	Subsidence	1	Subsidence	1
		Flooding	1	Flooding	1	Flooding	1
		Depth to saturated zone	1	Depth to saturated zone	1	Depth to saturated zone	1
		Ponding	1	Ponding	1	Ponding	1
AfA:							
Agawam	90	Not limited		Not limited		Not limited	
AfB:							
Agawam	90	Not limited		Not limited		Somewhat limited Slope	0.5
Ba:							
Beaches	95	Not rated		Not rated		Not rated	
Udipsamments, Udipsamments-undulating	2	Not rated		Not rated		Not rated	
Bc:							
Birchwood	90	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.39	Depth to saturated zone	1	Depth to saturated zone	0.39
BhA:							
Bridgehampton	90	Not limited		Not limited		Not limited	
BhB:							
Bridgehampton	90	Not limited		Not limited		Somewhat limited Slope	0.5
BmA:							
Bridgehampton	90	Not limited		Not limited		Not limited	
BmB:							
Bridgehampton	90	Not limited		Not limited		Somewhat limited Slope	0.5
BnB:							
Bridgehampton	60	Not limited		Not limited		Not limited	
Charlton	25	Not limited		Not limited		Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BnC:							
Bridgehampton	60	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1
Charlton	25	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1
BoC:							
Bridgehampton	60	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1
Charlton	25	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1
BrA:							
Broadbrook	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.39
BrB:							
Broadbrook	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Slope Depth to saturated zone	0.5 0.39
BsB:							
Broadbrook	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.39
CaC:							
Canton	40	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1
Charlton	20	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1
Rock outcrop	20	Not rated		Not rated		Not rated	
CaD:							
Canton	40	Very limited Slope	1	Very limited Slope	1	Very limited Slope	1
Charlton	20	Very limited Slope	1	Very limited Slope	1	Very limited Slope	1
Rock outcrop	20	Not rated		Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CB:							
Canton	40	Not limited		Not limited		Somewhat limited Slope	0.5
Urban land	30	Not rated		Not rated		Not rated	
CC:							
Canton	40	Not limited		Not limited		Somewhat limited Slope	0.5
Urban land	30	Not rated		Not rated		Not rated	
CdA:							
Canton	60	Not limited		Not limited		Not limited	
Charlton	30	Not limited		Not limited		Not limited	
CdB:							
Canton	60	Not limited		Not limited		Somewhat limited Slope	0.5
Charlton	30	Not limited		Not limited		Somewhat limited Slope	0.5
CdC:							
Canton	60	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1
Charlton	30	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1
CeC:							
Canton	50	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1
Charlton	30	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1
ChB:							
Canton	60	Not limited		Not limited		Somewhat limited Slope	0.5
Charlton	30	Not limited		Not limited		Somewhat limited Slope	0.5

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ChC:							
Canton	60	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1
Charlton	30	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1
ChD:							
Canton	60	Very limited Slope	1	Very limited Slope	1	Very limited Slope	1
Charlton	30	Very limited Slope	1	Very limited Slope	1	Very limited Slope	1
CkC:							
Canton	60	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1
Charlton	30	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1
Co:							
Carlisle	90	Very limited Subsidence Flooding Depth to saturated zone Organic matter content Ponding	1 1 1 1 1 1	Very limited Subsidence Flooding Depth to saturated zone Organic matter content Ponding	1 1 1 1 1 1	Very limited Subsidence Flooding Depth to saturated zone Organic matter content Ponding	1 1 1 1 1 1
Dc:							
Deerfield	90	Somewhat limited Depth to saturated zone	0.07	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.07
Du:							
Dumps	90	Not rated		Not rated		Not rated	
EfA:							
Enfield	90	Not limited		Not limited		Not limited	
EfB:							
Enfield	90	Not limited		Not limited		Somewhat limited Slope	0.5

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GBC:							
Gloucester	50	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1
Bridgehampton	30	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1
GBD:							
Gloucester	50	Very limited Slope	1	Very limited Slope	1	Very limited Slope	1
Bridgehampton	30	Very limited Slope	1	Very limited Slope	1	Very limited Slope	1
GhC:							
Gloucester	50	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1
Hinckley	25	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1
GhD:							
Gloucester	50	Very limited Slope	1	Very limited Slope	1	Very limited Slope	1
Hinckley	25	Very limited Slope	1	Very limited Slope	1	Very limited Slope	1
HKA:							
Hinckley	90	Not limited		Not limited		Not limited	
HkC:							
Hinckley	90	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1
HkD:							
Hinckley	90	Very limited Slope	1	Very limited Slope	1	Very limited Slope	1
HnC:							
Hinckley	60	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1
Enfield	30	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ip:							
Ipswich	95	Very limited		Very limited		Very limited	
		Ponding	1	Ponding	1	Ponding	1
		Flooding	1	Flooding	1	Flooding	1
		Depth to saturated zone	1	Depth to saturated zone	1	Depth to saturated zone	1
		Organic matter content	1	Organic matter content	1	Organic matter content	1
LgC:							
Lippitt	85	Somewhat limited		Somewhat limited		Very limited	
		Slope	0.04	Depth to soft bedrock	0.46	Slope	1
				Slope	0.04		
Ma:							
Mansfield	95	Very limited		Very limited		Very limited	
		Depth to saturated zone	1	Depth to saturated zone	1	Depth to saturated zone	1
		Ponding	1	Ponding	1	Ponding	1
Mc:							
Mansfield	90	Very limited		Very limited		Very limited	
		Depth to saturated zone	1	Depth to saturated zone	1	Depth to saturated zone	1
		Ponding	1	Ponding	1	Ponding	1
Mk:							
Matunuck	95	Very limited		Very limited		Very limited	
		Ponding	1	Ponding	1	Ponding	1
		Flooding	1	Flooding	1	Flooding	1
		Depth to saturated zone	1	Depth to saturated zone	1	Depth to saturated zone	1
MmA:							
Merrimac	90	Not limited		Not limited		Not limited	
MmB:							
Merrimac	90	Not limited		Not limited		Somewhat limited	
						Slope	0.5
MU:							
Merrimac	40	Not limited		Not limited		Not limited	
Urban land	40	Not rated		Not rated		Not rated	
NaA:							
Narragansett	90	Not limited		Not limited		Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
NaB:							
Narragansett	90	Not limited		Not limited		Not limited	
NbB:							
Narragansett	90	Not limited		Not limited		Not limited	
NbC:							
Narragansett	90	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1
NcC:							
Narragansett	90	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1
NeA:							
Newport	90	Somewhat limited Depth to saturated zone	0.44	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.44
NeB:							
Newport	90	Somewhat limited Depth to saturated zone	0.44	Very limited Depth to saturated zone	1	Somewhat limited Slope Depth to saturated zone	0.5 0.44
NeC:							
Newport	90	Somewhat limited Slope Depth to saturated zone	0.63 0.44	Very limited Depth to saturated zone Slope	1 0.63	Very limited Slope Depth to saturated zone	1 0.44
NfB:							
Newport	85	Somewhat limited Depth to saturated zone	0.44	Very limited Depth to saturated zone	1	Somewhat limited Slope Depth to saturated zone	0.5 0.44
NoC:							
Newport	85	Somewhat limited Depth to saturated zone Slope	0.44 0.04	Very limited Depth to saturated zone Slope	1 0.04	Very limited Slope Depth to saturated zone	1 0.44
NP:							
Newport	40	Somewhat limited Depth to saturated zone	0.44	Very limited Depth to saturated zone	1	Somewhat limited Slope Depth to saturated zone	0.5 0.44

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
NP:							
Urban land	30	Not rated		Not rated		Not rated	
Nt:							
Ninigret	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.39
PaA:							
Paxton	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.39
PaB:							
Paxton	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Slope Depth to saturated zone	0.5 0.39
PbB:							
Paxton	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.39
PbC:							
Paxton	90	Somewhat limited Slope Depth to saturated zone	0.63 0.39	Very limited Depth to saturated zone Slope	1 0.63	Very limited Slope Depth to saturated zone	1 0.39
PcC:							
Paxton	90	Somewhat limited Depth to saturated zone Slope	0.39 0.04	Very limited Depth to saturated zone Slope	1 0.04	Very limited Slope Depth to saturated zone	1 0.39
PD:							
Paxton	40	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Slope Depth to saturated zone	0.5 0.39
Urban land	30	Not rated		Not rated		Not rated	
Pg:							
Pits	98	Not rated		Not rated		Not rated	
Urban land	1	Not rated		Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Pk:							
Pits	98	Not rated		Not rated		Not rated	
PmA:							
Pittstown	90	Somewhat limited Depth to saturated zone	0.07	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.07
PmB:							
Pittstown	90	Somewhat limited Depth to saturated zone	0.07	Very limited Depth to saturated zone	1	Somewhat limited Slope Depth to saturated zone	0.5 0.07
PnB:							
Pittstown	90	Somewhat limited Depth to saturated zone	0.07	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.07
Pp:							
Pootatuck	85	Very limited Flooding Depth to saturated zone	1 0.39	Very limited Flooding Depth to saturated zone	1 1	Very limited Flooding Depth to saturated zone	1 0.39
PsA:							
Poquonock	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.39
PsB:							
Poquonock	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Slope Depth to saturated zone	0.5 0.39
QoA:							
Quonset	90	Not limited		Not limited		Not limited	
QoC:							
Quonset	90	Not limited		Not limited		Somewhat limited Slope	0.5
RaA:							
Rainbow	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.39

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
RaB:							
Rainbow	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Slope Depth to saturated zone	0.5 0.39
RbB:							
Rainbow	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.39
Rc:							
Raypol	90	Very limited Depth to saturated zone	1	Very limited Depth to saturated zone	1	Very limited Depth to saturated zone	1
Re:							
Ridgebury	90	Very limited Depth to saturated zone	1	Very limited Depth to saturated zone	1	Very limited Depth to saturated zone	1
Rf:							
Leicester	30	Very limited Depth to saturated zone	1	Very limited Depth to saturated zone	1	Very limited Depth to saturated zone	1
Ridgebury	30	Very limited Depth to saturated zone	1	Very limited Depth to saturated zone	1	Very limited Depth to saturated zone	1
Whitman	20	Very limited Depth to saturated zone Ponding	1 1	Very limited Depth to saturated zone Ponding	1 1	Very limited Depth to saturated zone Ponding	1 1
Rk:							
Rock outcrop	80	Not rated		Not rated		Not rated	
Beaches	10	Not rated		Not rated		Not rated	
Rp:							
Rock outcrop	50	Not rated		Not rated		Not rated	
Canton	25	Very limited Slope	1	Very limited Slope	1	Very limited Slope	1

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ru:							
Rippowam	85	Very limited		Very limited		Very limited	
		Flooding	1	Flooding	1	Flooding	1
		Depth to saturated zone	1	Depth to saturated zone	1	Depth to saturated zone	1
Sb:							
Scarboro	90	Very limited		Very limited		Very limited	
		Depth to saturated zone	1	Depth to saturated zone	1	Depth to saturated zone	1
		Ponding	1	Ponding	1	Ponding	1
ScA:							
Scio	90	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.77	Depth to saturated zone	1	Depth to saturated zone	0.77
SdB:							
Scio	90	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.77	Depth to saturated zone	1	Depth to saturated zone	0.77
						Slope	0.5
Se:							
Stissing	90	Very limited		Very limited		Very limited	
		Depth to saturated zone	1	Depth to saturated zone	1	Depth to saturated zone	1
Sf:							
Stissing	90	Very limited		Very limited		Very limited	
		Depth to saturated zone	1	Depth to saturated zone	1	Depth to saturated zone	1
Ss:							
Sudbury	90	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.07	Depth to saturated zone	1	Depth to saturated zone	0.07
StA:							
Sutton	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.39	Depth to saturated zone	1	Depth to saturated zone	0.39
StB:							
Sutton	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.39	Depth to saturated zone	1	Slope	0.5
						Depth to saturated zone	0.39

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SuB:							
Sutton	85	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.39
SvB:							
Sutton	85	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.39
Tb:							
Tisbury	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.39
UAB:							
Udipsammets	98	Somewhat limited Slope	0.63	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Very limited Slope	1
Beaches	1	Not rated		Not rated		Not rated	
UBE:							
Udorthents	70	Very limited Slope	1	Very limited Slope	1	Very limited Slope	1
Beaches	15	Not rated		Not rated		Not rated	
UD:							
Udorthents	70	Not limited		Not limited		Somewhat limited Slope	0.5
Urban land	20	Not rated		Not rated		Not rated	
Ur:							
Urban land	85	Not rated		Not rated		Not rated	
W:							
Water	100	Not rated		Not rated		Not rated	
Wa:							
Walpole	90	Very limited Depth to saturated zone	1	Very limited Depth to saturated zone	1	Very limited Depth to saturated zone	1

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
WbA:							
Wapping	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.39
WbB:							
Wapping	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Slope Depth to saturated zone	0.5 0.39
WcB:							
Wapping	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.39
WdB:							
Wapping	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.39
WgA:							
Windsor	90	Not limited		Not limited		Not limited	
WgB:							
Windsor	90	Not limited		Not limited		Somewhat limited Slope	0.5
WhA:							
Woodbridge	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.39
WhB:							
Woodbridge	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Slope Depth to saturated zone	0.5 0.39
WoB:							
Woodbridge	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.39
WrB:							
Woodbridge	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1	Somewhat limited Depth to saturated zone	0.39