

HYDRIC SOILS LIST--Continued
 Thurston County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
17: BUNKER GRAVELLY SILT LOAM, 5 TO 30 PERCENT SLOPES	BUNKER	No	---	---	---	---	---	630
18: BUNKER GRAVELLY SILT LOAM, 30 TO 65 PERCENT SLOPES	BUNKER	No	---	---	---	---	---	5,610
19: BUNKER-BOISTFORT COMPLEX, 40 TO 65 PERCENT SLOPES	BUNKER	No	---	---	---	---	---	245
	BOISTFORT	No	---	---	---	---	---	147
20: CAGEY LOAMY SAND	CAGEY	No	---	---	---	---	---	5,100
	McKenna	Yes	depression	2B3	YES	NO	NO	300
	Wet Spots	Yes	alluvial cone	---	---	---	---	---
21: CATHCART GRAVELLY LOAM, 3 TO 15 PERCENT SLOPES	CATHCART	No	---	---	---	---	---	7,835
	Unnamed	Yes	alluvial cone	---	---	---	---	---
22: CATHCART GRAVELLY LOAM, 15 TO 35 PERCENT SLOPES	CATHCART	No	---	---	---	---	---	4,720
23: CENTRALIA SILT LOAM, 8 TO 15 PERCENT SLOPES	CENTRALIA	No	---	---	---	---	---	2,860
	Scamman	Yes	terrace	2A	YES	NO	NO	---
24: CENTRALIA SILT LOAM, 15 TO 30 PERCENT SLOPES	CENTRALIA	No	---	---	---	---	---	3,580
25: CENTRALIA SILT LOAM, 30 TO 60 PERCENT SLOPES	CENTRALIA	No	---	---	---	---	---	3,760
26: CHEHALIS SILT LOAM	CHEHALIS	No	---	---	---	---	---	6,362
	Godfrey	Yes	depression	2B3	YES	NO	NO	374
	Maytown	No	---	---	---	---	---	374
	Newberg	No	---	---	---	---	---	374

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
27: DELPHI VERY GRAVELLY LOAM, 3 TO 15 PERCENT SLOPES	DELPHI	No	---	---	---	---	---	3,570
	Unnamed	Yes	depression	2B3	YES	NO	NO	---
	Wet Spots	Yes	alluvial cone	---	---	---	---	---
28: DELPHI VERY GRAVELLY LOAM, 15 TO 30 PERCENT SLOPES	DELPHI	No	---	---	---	---	---	3,335
29: DUPONT MUCK	DUPONT	Yes	alluvial cone	1	NO	NO	NO	298
	Bellingham	Yes	depression	3,2B3	YES	NO	YES	18
	Mukilteo	Yes	depression	1,3	NO	NO	YES	10
	Tisch	Yes	depression	2B3,3	YES	NO	YES	7
30: DYSTRIC XEROCHREPTS, 60 TO 90 PERCENT SLOPES	DYSTRIC XEROCHREPTS	No	---	---	---	---	---	2,478
	Skipopa	No	---	---	---	---	---	146
31: ELD LOAM	ELD	No	---	---	---	---	---	2,826
	Godfrey	Yes	depression	2B3	YES	NO	NO	166
	Maytown	No	---	---	---	---	---	166
32: EVERETT VERY GRAVELLY SANDY LOAM, 0 TO 3 PERCENT SLOPES	EVERETT	No	---	---	---	---	---	13,530
	Wet Spots	Yes	alluvial cone	---	---	---	---	---
33: EVERETT VERY GRAVELLY SANDY LOAM, 3 TO 15 PERCENT SLOPES	EVERETT	No	---	---	---	---	---	18,600
	Wet Spots	Yes	alluvial cone	---	---	---	---	---
34: EVERETT VERY GRAVELLY SANDY LOAM, 15 TO 30 PERCENT SLOPES	EVERETT	No	---	---	---	---	---	3,700
	Wet Spots	Yes	alluvial cone	---	---	---	---	---

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
35: EVERETT VERY GRAVELLY SANDY LOAM, 30 TO 50 PERCENT SLOPES	EVERETT	No	---	---	---	---	---	1,665
36: EVERSON CLAY LOAM	EVERSON	Yes	depression	2B3	YES	NO	NO	1,547
	Bellingham	Yes	depression	3,2B3	YES	NO	YES	91
	McKenna	Yes	depression	2B3	YES	NO	NO	55
	Norma	Yes	depression	2B3	YES	NO	NO	55
	Cagy	No	---	---	---	---	---	36
	Unnamed	No	---	---	---	---	---	---
37: GALVIN SILT LOAM, 0 TO 5 PERCENT SLOPES	GALVIN	No	---	---	---	---	---	1,750
	Unnamed	Yes	depression	2B3	YES	NO	NO	---
38: GILES SILT LOAM, 0 TO 3 PERCENT SLOPES	GILES	No	---	---	---	---	---	1,755
	Yelm	Yes	terrace	2B3	YES	NO	NO	62
	Norma	Yes	depression	2B3,3	YES	NO	YES	41
39: GILES SILT LOAM, 3 TO 15 PERCENT SLOPES	GILES	No	---	---	---	---	---	1,632
	Yelm	No	---	---	---	---	---	96
	Unnamed	Yes	depression	2B3	YES	NO	NO	---
40: GILES SILT LOAM, 15 TO 30 PERCENT SLOPES	GILES	No	---	---	---	---	---	400
	Yelm	Yes	terrace	2B3	YES	NO	NO	24
41: GODFREY SILTY CLAY LOAM	GODFREY	Yes	depression	2B3	YES	NO	NO	5,206
	Newberg	No	---	---	---	---	---	306
	Sultan	No	---	---	---	---	---	306
	Puget	Yes	depression	2B3,3	YES	NO	YES	184
	Godfrey	Yes	depression	2B3	YES	NO	NO	122

HYDRIC SOILS LIST--Continued
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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
42: GROVE VERY GRAVELLY SANDY LOAM, 3 TO 15 PERCENT SLOPES	GROVE	No	---	---	---	---	---	1,505
43: HOOGDAL SILT LOAM, 15 TO 30 PERCENT SLOPES	HOOGDAL	No	---	---	---	---	---	595
	Skipopa	No	---	---	---	---	---	21
	Yelm	No	---	---	---	---	---	14
44: HOOGDAL SILT LOAM, 30 TO 50 PERCENT SLOPES	HOOGDAL	No	---	---	---	---	---	323
	Yelm	No	---	---	---	---	---	11
45: HYDRAQUENTS, TIDAL	HYDRAQUENTS	Yes	alluvial cone	3,2B3	YES	NO	YES	125
46: INDIANOLA LOAMY SAND, 0 TO 3 PERCENT SLOPES	INDIANOLA	No	---	---	---	---	---	5,232
	Yelm	No	---	---	---	---	---	308
	Unnamed	No	---	---	---	---	---	---
47: INDIANOLA LOAMY SAND, 3 TO 15 PERCENT SLOPES	INDIANOLA	No	---	---	---	---	---	4,314
	Yelm	No	---	---	---	---	---	254
48: INDIANOLA LOAMY SAND, 15 TO 30 PERCENT SLOPES	INDIANOLA	No	---	---	---	---	---	2,406
	Yelm	No	---	---	---	---	---	142
49: JONAS SILT LOAM, 30 TO 65 PERCENT SLOPES	JONAS	No	---	---	---	---	---	670
	Wet Spots	Yes	alluvial cone	---	---	---	---	---
50: KAPOWSIN SILT LOAM, 0 TO 3 PERCENT SLOPES	KAPOWSIN	No	---	---	---	---	---	7,204
	Bellingham	Yes	depression	2B3,3	YES	NO	YES	170
	Dupont	Yes	depression	1,3	NO	NO	YES	170
	McKenna	Yes	depression	2B3	YES	NO	NO	170

HYDRIC SOILS LIST--Continued
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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	Skipopa	No	---	---	---	---	---	85
	Tisch	Yes	depression	1,3	NO	NO	YES	85
51: KAPOWSIN SILT LOAM, 3 TO 15 PERCENT SLOPES	KAPOWSIN	No	---	---	---	---	---	8,168
	Skipopa	No	---	---	---	---	---	288
	Norma	Yes	depression	2B3	YES	NO	NO	---
52: KAPOWSIN SILT LOAM, 15 TO 30 PERCENT SLOPES	KAPOWSIN	No	---	---	---	---	---	986
	Hoogdal	No	---	---	---	---	---	58
	Indianola	No	---	---	---	---	---	58
53: KAPOWSIN SILT LOAM, 30 TO 50 PERCENT SLOPES	KAPOWSIN	No	---	---	---	---	---	876
	Hoogdal	No	---	---	---	---	---	52
	KAPOWSIN STONY LOAM, 0 TO 3 PERCENT SLOPES	No	---	---	---	---	---	544
	Norma	Yes	depression	2B3,3	YES	NO	YES	13
	55: KAPOWSIN STONY LOAM, 3 TO 15 PERCENT SLOPES	No	---	---	---	---	---	1,386
	Norma	Yes	depression	2B3,3	YES	NO	YES	33
	56: KATULA VERY COBBLY LOAM, 20 TO 30 PERCENT SLOPES	No	---	---	---	---	---	900
57: KATULA VERY COBBLY LOAM, 30 TO 65 PERCENT SLOPES	KATULA	No	---	---	---	---	---	1,800
58: LATES SILT LOAM, 8 TO 30 PERCENT SLOPES	LATES	No	---	---	---	---	---	280
	Unnamed	Yes	alluvial cone	---	---	---	---	---
59: LATES SILT LOAM, 30 TO 65 PERCENT SLOPES	LATES	No	---	---	---	---	---	530

HYDRIC SOILS LIST--Continued
 Thurston County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
60: MAL CLAY LOAM, 5 TO 30 PERCENT SLOPES	MAL	No	---	---	---	---	---	1,250
	Unnamed	Yes	depression	2B3	YES	NO	NO	---
61: MAL CLAY LOAM, 30 TO 65 PERCENT SLOPES	MAL	No	---	---	---	---	---	320
62: MASHEL LOAM, 5 TO 30 PERCENT SLOPES	MASHEL	No	---	---	---	---	---	3,825
	Scamman	Yes	terrace	2A	YES	NO	NO	---
63: MASHEL LOAM, 30 TO 65 PERCENT SLOPES	MASHEL	No	---	---	---	---	---	1,335
64: MAYTOWN SILT LOAM	MAYTOWN	No	---	---	---	---	---	824
	Godfrey	Yes	depression	2B3	YES	NO	NO	48
	Newberg	No	---	---	---	---	---	48
65: MCKENNA GRAVELLY SILT LOAM, 0 TO 5 PERCENT SLOPES	MCKENNA	Yes	depression	2B3,3	YES	NO	YES	3,723
	Bellingham	Yes	depression	2B3,3	YES	NO	YES	131
	Norma	Yes	depression	2B3	YES	NO	NO	131
	Skipopa	No	---	---	---	---	---	88
66: MELBOURNE SILTY CLAY LOAM, 5 TO 20 PERCENT SLOPES	MELBOURNE	No	---	---	---	---	---	5,150
	Unnamed	Yes	depression	2B3	YES	NO	NO	---
67: MELBOURNE SILTY CLAY LOAM, 20 TO 40 PERCENT SLOPES	MELBOURNE	No	---	---	---	---	---	9,780
68: MELBOURNE SILTY CLAY LOAM, 40 TO 65 PERCENT SLOPES	MELBOURNE	No	---	---	---	---	---	4,925
69: MUKILTEO MUCK	MUKILTEO	Yes	depression	3,1	NO	NO	YES	2,639
	Shalcar	Yes	depression	1,3	NO	NO	YES	155

HYDRIC SOILS LIST--Continued
 Thurston County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			Acres	
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria		Meets ponding criteria
	Unnamed	Yes	depression	2B3	YES	NO	NO	---
78: OLYMPIC SILT LOAM, 20 TO 40 PERCENT SLOPES	OLYMPIC	No	---	---	---	---	---	8,680
79: PHEENEY GRAVELLY LOAM, 5 TO 30 PERCENT SLOPES	PHEENEY	No	---	---	---	---	---	3,060
80: PHEENEY GRAVELLY LOAM, 30 TO 65 PERCENT SLOPES	PHEENEY	No	---	---	---	---	---	2,140
81: PHEENEY-BAUMGARD COMPLEX, 30 TO 65 PERCENT SLOPES	PHEENEY	No	---	---	---	---	---	700
	BAUMGARD	No	---	---	---	---	---	525
82: PHEENEY-ROCK OUTCROP COMPLEX, 40 TO 65 PERCENT SLOPES	PHEENEY	No	---	---	---	---	---	1,545
	ROCK OUTCROP	No	---	---	---	---	---	772
83: PHEENEY-ROCK OUTCROP COMPLEX, 65 TO 90 PERCENT SLOPES	PHEENEY	No	---	---	---	---	---	750
	ROCK OUTCROP	No	---	---	---	---	---	375
84: PILCHUCK LOAMY SAND	PILCHUCK	No	---	---	---	---	---	2,822
	Puget	Yes	depression	2B3, 3	YES	NO	YES	166
	Sultan	No	---	---	---	---	---	166
	Newberg	No	---	---	---	---	---	100
85: PITS, GRAVEL	PITS	No	---	---	---	---	---	725
	Wet Spots	Yes	alluvial cone	---	---	---	---	---
86: PRATHER SILTY CLAY LOAM, 3 TO 8 PERCENT SLOPES	PRATHER	No	---	---	---	---	---	1,030
	Scamman	Yes	terrace	2A	YES	NO	NO	---

HYDRIC SOILS LIST--Continued
 Thurston County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
87: PRATHER SILTY CLAY LOAM, 8 TO 20 PERCENT SLOPES	PRATHER	No	---	---	---	---	---	300
	Scamman	Yes	terrace	2A	YES	NO	NO	---
88: PUGET SILT LOAM	PUGET	Yes	flood plain	2B3	YES	NO	NO	790
	Newberg	No	---	---	---	---	---	46
	Semiahmoo	Yes	depression	3,1	NO	NO	YES	28
	Sultan	No	---	---	---	---	---	19
89: PUYALLUP SILT LOAM	PUYALLUP	No	---	---	---	---	---	1,164
	Newberg	No	---	---	---	---	---	68
	Semiahmoo	Yes	depression	1,3	NO	NO	YES	41
	Sultan	No	---	---	---	---	---	27
90: RAINIER CLAY LOAM, 5 TO 30 PERCENT SLOPES	RAINIER	No	---	---	---	---	---	3,850
	Scamman	Yes	terrace	2A	YES	NO	NO	---
91: RAINIER CLAY LOAM, 30 TO 65 PERCENT SLOPES	RAINIER	No	---	---	---	---	---	955
92: RAINIER-ROCK OUTCROP COMPLEX, 20 TO 40 PERCENT SLOPES	RAINIER	No	---	---	---	---	---	350
	ROCK OUTCROP	No	---	---	---	---	---	175
	Wet Spots	Yes	alluvial cone	---	---	---	---	---
93: RAUGHT SILT LOAM, 5 TO 30 PERCENT SLOPES	RAUGHT	No	---	---	---	---	---	1,900
	Unnamed	Yes	depression	2B3	YES	NO	NO	---
	Wet Spots	Yes	alluvial cone	---	---	---	---	---
94: RAUGHT SILT LOAM, 30 TO 65 PERCENT SLOPES	RAUGHT	No	---	---	---	---	---	5,310
95: RIVERWASH	RIVERWASH	Yes	flood plain	4	NO	YES	NO	530

HYDRIC SOILS LIST--Continued
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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
96: ROCK OUTCROP-PHEENEY COMPLEX, 40 TO 90 PERCENT SLOPES	ROCK OUTCROP	No	---	---	---	---	---	1,140
	PHEENEY	No	---	---	---	---	---	570
97: SALKUM SILTY CLAY LOAM, 3 TO 8 PERCENT SLOPES	SALKUM	No	---	---	---	---	---	3,000
	Scamman	Yes	terrace	2A	YES	NO	NO	---
	Wet Spot	Yes	alluvial cone	---	---	---	---	---
98: SALKUM SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES	SALKUM	No	---	---	---	---	---	2,245
	Scamman	Yes	terrace	2A	YES	NO	NO	---
99: SALKUM SILTY CLAY LOAM, 15 TO 30 PERCENT SLOPES	SALKUM	No	---	---	---	---	---	1,155
100: SCAMMAN SILTY CLAY LOAM, 0 TO 5 PERCENT SLOPES	SCAMMAN	Yes	terrace	2A	YES	NO	NO	625
	Baumgard	No	---	---	---	---	---	---
	Unnamed	Yes	depression	2B3	YES	NO	NO	---
101: SCAMMAN SILTY CLAY LOAM, 5 TO 20 PERCENT SLOPES	SCAMMAN	Yes	terrace	2A	YES	NO	NO	1,540
	Baumgard	No	---	---	---	---	---	---
	Unnamed	Yes	depression	2B3	YES	NO	NO	---
102: SCHNEIDER VERY GRAVELLY LOAM, 20 TO 40 PERCENT SLOPES	SCHNEIDER	No	---	---	---	---	---	2,930
103: SCHNEIDER VERY GRAVELLY LOAM, 40 TO 65 PERCENT SLOPES	SCHNEIDER	No	---	---	---	---	---	6,625
104: SEMIAHMOO MUCK	SEMIAHMOO	Yes	flood plain	1	NO	NO	NO	3,510

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	Wet Spots	Yes	alluvial cone	---	---	---	---	---
111: SPANAWAY GRAVELLY SANDY LOAM, 3 TO 15 PERCENT SLOPES	SPANAWAY	No	---	---	---	---	---	3,990
112: SPANAWAY STONY SANDY LOAM, 0 TO 3 PERCENT SLOPES	SPANAWAY	No	---	---	---	---	---	1,970
	Unnamed	Yes	depression	2B3	YES	NO	NO	---
113: SPANAWAY STONY SANDY LOAM, 3 TO 15 PERCENT SLOPES	SPANAWAY	No	---	---	---	---	---	1,160
114: SPANAWAY-NISQUALLY COMPLEX, 2 TO 10 PERCENT SLOPES	SPANAWAY	No	---	---	---	---	---	5,985
	NISQUALLY	No	---	---	---	---	---	2,992
	Unnamed	Yes	alluvial cone	---	---	---	---	---
115: SULTAN SILT LOAM	SULTAN	No	---	---	---	---	---	680
	Godfrey	Yes	depression	2B3	YES	NO	NO	40
	Puget	Yes	depression	2B3	YES	NO	NO	24
116: TACOMA SILT LOAM	TACOMA	Yes	flood plain	2B3,3	YES	NO	YES	110
	Hydraquents	Yes	tidal flat	1,3	NO	NO	YES	6
	Puget	Yes	depression	2B3,3	YES	NO	YES	6
	Unnamed	No	---	---	---	---	---	---
117: TENINO GRAVELLY LOAM, 3 TO 15 PERCENT SLOPES	TENINO	No	---	---	---	---	---	7,140
	Unnamed	Yes	depression	2B3	YES	NO	NO	---
118: TENINO GRAVELLY LOAM, 15 TO 30 PERCENT SLOPES	TENINO	No	---	---	---	---	---	3,710
119: TENINO GRAVELLY LOAM, 30 TO 60 PERCENT SLOPES	TENINO	No	---	---	---	---	---	415

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
120: TISCH SILT LOAM	TISCH	Yes	depression	2B3	YES	NO	NO	1,200
	Dupont	Yes	depression	1,3	NO	NO	YES	75
	Everson	Yes	depression	2B3	YES	NO	NO	75
	McKenna	Yes	depression	2B3	YES	NO	NO	75
	Norma	Yes	depression	3,2B3	YES	NO	YES	75
	Giles	No	---	---	---	---	---	---
121: VAILTON SILT LOAM, 5 TO 30 PERCENT SLOPES	VAILTON	No	---	---	---	---	---	380
122: VAILTON SILT LOAM, 30 TO 65 PERCENT SLOPES	VAILTON	No	---	---	---	---	---	250
123: WILKESON SILT LOAM, 5 TO 20 PERCENT SLOPES	WILKESON	No	---	---	---	---	---	6,140
	Unnamed	Yes	depression	2B3	YES	NO	NO	---
124: WILKESON SILT LOAM, 20 TO 40 PERCENT SLOPES	WILKESON	No	---	---	---	---	---	6,980
125: XERORTHENTS, 0 TO 5 PERCENT SLOPES	XERORTHENTS	No	---	---	---	---	---	870
	Unnamed	Yes	depression	2B3	YES	NO	NO	---
126: YELM FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	YELM	No	---	---	---	---	---	6,864
	Everson	Yes	depression	2B3	YES	NO	NO	404
	Norma	Yes	depression	2B3	YES	NO	NO	404
	Skipopa	No	---	---	---	---	---	242
127: YELM FINE SANDY LOAM, 3 TO 15 PERCENT SLOPES	YELM	No	---	---	---	---	---	4,301
	Skipopa	No	---	---	---	---	---	152
	Unnamed	Yes	depression	2B3	YES	NO	NO	---

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
128: YELM FINE SANDY LOAM, 15 TO 30 PERCENT SLOPES	YELM	No	---	---	---	---	---	353
	Hoogdal	No	---	---	---	---	---	8
W: WATER	WATER	Yes	alluvial cone	---	---	---	---	7,700