



HYDRIC SOILS LIST--Continued  
 Olympic National Forest Area, Washington (Parts of Clallam, Grays Harbor, Jefferson, and Mason Counties):  
 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	
	Elwha	---	---	---	---	---	---	---
	Hoypus	---	---	---	---	---	---	---
	Neilton	---	---	---	---	---	---	---
	Terbies	---	---	---	---	---	---	---
	Yeary	---	---	---	---	---	---	---
405D0: LOUELLA GRAVELLY LOAM, 65 TO 90 PERCENT SLOPES	LOUELLA	No	mountain slope	---	---	---	---	33
	Rock outcrop	---	---	---	---	---	---	---
	Soils on slopes of less than 65%	---	---	---	---	---	---	---
	Soils that are less than 60 inches to bedrock	---	---	---	---	---	---	---
	Soils that are very gravelly throughout.	---	---	---	---	---	---	---
407J8: DYSTRUDEPTS- HAPLOXEREPTS-ROCK OUTCROP ASSOCIATION, 50 TO 100 PERCENT SLOPES	DYSTRUDEPTS	---	gorge	---	---	---	---	1,962
	HAPLOXEREPTS	---	gorge	---	---	---	---	1,472
	ROCK OUTCROP	---	gorge	---	---	---	---	736
	V. deep, sp or mw drained, s-sk soils on fldplns	---	---	---	---	---	---	---
411C9: KNAPPTON-VESTA- NECANICUM COMPLEX, 15 TO 50 PERCENT SLOPES	KNAPPTON	No	mountain slope	---	---	---	---	711
	VESTA	No	mountain slope	---	---	---	---	395
	NECANICUM	No	mountain slope	---	---	---	---	237

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	Ascar	---	---	---	---	---	---	63
	Mopang	---	---	---	---	---	---	63
	Necanicum on slopes greater than 50%	---	---	---	---	---	---	---
411D9: NECANICUM-ASCAR-KNAPPTON COMPLEX, 50 TO 80 PERCENT SOUTH SLOPES	NECANICUM	No	mountain slope	---	---	---	---	1,018
	ASCAR	No	mountain slope	---	---	---	---	610
	KNAPPTON	No	mountain slope	---	---	---	---	305
	Southshore	---	---	---	---	---	---	81
411H9: NECANICUM-ASCAR COMPLEX, 50 TO 90 PERCENT SOUTH SLOPES	NECANICUM	No	mountain slope	---	---	---	---	3,866
	ASCAR	No	mountain slope	---	---	---	---	2,460
	Knappton	---	---	---	---	---	---	281
415D8: FRICABA-DUCKABUSH COMPLEX, 60 TO 90 PERCENT SOUTH SLOPES	FRICABA	---	mountain slope	---	---	---	---	220
	DUCKABUSH	---	mountain slope	---	---	---	---	132
	Rock outcrop	---	---	---	---	---	---	---
	Soils that have bedrock at 4 to 20 inches (Waketickheh)	---	---	---	---	---	---	---
	Vegetated rock outcrop	---	---	---	---	---	---	---
416D8: FRICABA-WAKETICKEH-DUCKABUSH COMPLEX, 60 TO 90 PERCENT SOUTH SLOPES	FRICABA	---	mountain slope	---	---	---	---	7,758
	WAKETICKEH	---	mountain slope	---	---	---	---	4,310
	DUCKABUSH	---	mountain slope	---	---	---	---	3,448

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	Rock outcrop	---	---	---	---	---	---	---
	Soils that have cemented till at 20 to 40 in (Hammamma)	---	---	---	---	---	---	---
	Vegetated rock outcrop	---	---	---	---	---	---	---
417D8: WAKETICKEH-ROCK OUTCROP-FRICABA COMPLEX, 60 TO 100 PERCENT SOUTH SLOPES	WAKETICKEH	---	mountain slope	---	---	---	---	1,528
	ROCK OUTCROP	---	mountain slope	---	---	---	---	1,146
	FRICABA	---	mountain slope	---	---	---	---	764
	Soils that have bedrock at more than 60 inches (Duckabush)	---	---	---	---	---	---	---
	Vegetated rock outcrop	---	---	---	---	---	---	---
420D8: TUNNELCREEK- JUANDEFUCA-PENNYCREEK COMPLEX, 60 TO 90 PERCENT SOUTH SLOPES	TUNNELCREEK	---	mountain slope	---	---	---	---	4,735
	JUANDEFUCA	---	mountain slope	---	---	---	---	2,368
	PENNYCREEK	---	mountain slope	---	---	---	---	1,420
	Rock outcrop	---	---	---	---	---	---	---
	Rockybrook	---	---	---	---	---	---	---
	Vegetated rock outcrop	---	---	---	---	---	---	---
421D8: TUNNELCREEK-ROCK OUTCROP-PENNYCREEK COMPLEX, 60 TO 90 PERCENT SOUTH SLOPES	TUNNELCREEK	---	mountain slope	---	---	---	---	688
	ROCK OUTCROP	---	mountain slope	---	---	---	---	344
	PENNYCREEK	---	mountain slope	---	---	---	---	275

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	Junadefuca-like soils with hard bedrock between 40-60in	---	---	---	---	---	---	---
	Rubbleland	---	---	---	---	---	---	---
423D7: SAWPEAK-WALKINSHAW-MCGRAVEY COMPLEX, 60 TO 90 PERCENT NORTH SLOPES	SAWPEAK	---	mountain slope	---	---	---	---	5,628
	WALKINSHAW	---	mountain slope	---	---	---	---	4,824
	MCGRAVEY	---	mountain slope	---	---	---	---	4,020
	Rock outcrop	---	---	---	---	---	---	---
	Soils that have cemented till at 20 to 40 inches (Hoodcanal)	---	---	---	---	---	---	---
	Vegetated rock outcrop	---	---	---	---	---	---	---
423H7: SAWPEAK-WALKINSHAW-MCGRAVEY COMPLEX, DISSECTED, 60 TO 90 PERCENT NORTH SLOPES	SAWPEAK	---	mountain slope	---	---	---	---	1,001
	WALKINSHAW	---	mountain slope	---	---	---	---	668
	MCGRAVEY	---	mountain slope	---	---	---	---	334
	Rock outcrop	---	---	---	---	---	---	---
	Soils that have cemented till at 20 to 40 inches (Hoodcanal)	---	---	---	---	---	---	---
	Vegetated rock outcrop	---	---	---	---	---	---	---
423K7: SAWPEAK-WALKINSHAW-MCGRAVEY COMPLEX, HEADWALLS, 60 TO 90 PERCENT SLOPES	SAWPEAK	---	headwall	---	---	---	---	2,866

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	
424D7: WALKINSHAW-ROCK OUTCROP-SAWPEAK COMPLEX, 60 TO 100 PERCENT NORTH SLOPES	WALKINSHAW	---	headwall	---	---	---	---	2,150
	MCGRAVEY	---	headwall	---	---	---	---	1,075
	Rock outcrop	---	---	---	---	---	---	---
	Vegetated rock outcrop	---	---	---	---	---	---	---
	WALKINSHAW	---	mountain slope	---	---	---	---	98
	ROCK OUTCROP	---	mountain slope	---	---	---	---	84
	SAWPEAK	---	mountain slope	---	---	---	---	70
	Soils that have bedrock at more than 60 inches (McGravey)	---	---	---	---	---	---	---
	Soils that have cemented till at 20 to 40 inches (Hoodcanal)	---	---	---	---	---	---	---
	Vegetated rock outcrop	---	---	---	---	---	---	---
425D7: SAWPEAK-MCGRAVEY COMPLEX, 60 TO 90 PERCENT NORTH SLOPES	SAWPEAK	---	mountain slope	---	---	---	---	439
	MCGRAVEY	---	mountain slope	---	---	---	---	390
	McGravey on slopes between 40 and 60%	---	---	---	---	---	---	---
	Sawpeak on slopes between 40 and 60%	---	---	---	---	---	---	---
	Walkinshaw	---	---	---	---	---	---	---
426D7: HALFOSS-MAIDENPEAK- STATION COMPLEX, 60 TO 90 PERCENT NORTH SLOPES	HALFOSS	---	mountain slope	---	---	---	---	1,852











HYDRIC SOILS LIST--Continued  
 Olympic National Forest Area, Washington (Parts of Clallam, Grays Harbor, Jefferson, and Mason Counties):  
 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	
446D8: FRICABA-WAKETICKEH-DUCKABUSH COMPLEX, LOW PRECIPITATION, 60 TO 90 PERCENT SOUTH SLOPES	FRICABA	---	mountain slope	---	---	---	---	5,075
	WAKETICKEH	---	mountain slope	---	---	---	---	2,030
	DUCKABUSH	---	mountain slope	---	---	---	---	1,522
	Hammahamma	---	---	---	---	---	---	---
	Rock outcrop	---	---	---	---	---	---	---
	Vegetated rock outcrop	---	---	---	---	---	---	---
447C3: FAHNESTOCK-BUCKMAN COMPLEX, 15 TO 40 PERCENT NORTH SLOPES	FAHNESTOCK	---	mountain slope	---	---	---	---	223
	BUCKMAN	---	mountain slope	---	---	---	---	142
	Fahnestock on slopes greater than 40%	---	---	---	---	---	---	---
	Sniderpeak	---	---	---	---	---	---	---
	Very shallow soils	---	---	---	---	---	---	---
451D8: DOSEWALLIPS-LENACREEK COMPLEX, 60 TO 100 PERCENT SOUTH SLOPES	DOSEWALLIPS	---	mountain slope	---	---	---	---	1,944
	LENACREEK	---	mountain slope	---	---	---	---	1,512
	Deep soils	---	---	---	---	---	---	---
	Lenacreek on slopes between 50 and 60%	---	---	---	---	---	---	---
	Murhut	---	---	---	---	---	---	---
	Very shallow soils	---	---	---	---	---	---	---
466D8: WAKETICKEH-FRICABA COMPLEX, 60 TO 100 PERCENT SOUTH SLOPES	WAKETICKEH	---	mountain slope	---	---	---	---	7,472



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	
	Very deep soils	---	---	---	---	---	---	---
	WAKETICKEH	---	trough	---	---	---	---	2,078
	ROCK OUTCROP	---	trough	---	---	---	---	1,299
	FRICABA	---	trough	---	---	---	---	1,039
469Q3: KAWEETA-LIZARDLAKE-PYSHT COMPLEX, 40 TO 80 PERCENT SOUTH SLOPES	KAWEETA	---	mountain slope	---	---	---	---	1,188
	LIZARDLAKE	---	mountain slope	---	---	---	---	712
	PYSHT	---	mountain slope	---	---	---	---	356
	Rock outcrop	---	---	---	---	---	---	---
470K4: ZENOBIA-URBODEN-EATONCREEK COMPLEX, 40 TO 90 PERCENT NORTH SLOPES	ZENOBIA	---	headwall	---	---	---	---	148
	URBODEN	---	headwall	---	---	---	---	111
	EATONCREEK	---	headwall	---	---	---	---	56
	Adwell	---	---	---	---	---	---	---
	Kaweeta	---	---	---	---	---	---	---
470Q4: ZENOBIA-EATONCREEK-ADWELL COMPLEX, 40 TO 90 PERCENT NORTH SLOPES	ZENOBIA	---	mountain slope	---	---	---	---	932
	EATONCREEK	---	mountain slope	---	---	---	---	582
	ADWELL	---	mountain slope	---	---	---	---	466
	Deep soils	---	---	---	---	---	---	---
	Neah	---	---	---	---	---	---	---
	Urboden	---	---	---	---	---	---	---
471P4: ZENOBIA-NEAH-ADWELL COMPLEX, 15 TO 40 PERCENT NORTH SLOPES	ZENOBIA	---	mountain slope	---	---	---	---	228
	NEAH	---	mountain slope	---	---	---	---	162



HYDRIC SOILS LIST--Continued  
 Olympic National Forest Area, Washington (Parts of Clallam, Grays Harbor, Jefferson, and Mason Counties):  
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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
474D4: LARSENCREEK-ELKLAKE COMPLEX, 60 TO 100 PERCENT NORTH SLOPES	LARSENCREEK	---	mountain slope	---	---	---	---	183
	ELKLAKE	---	mountain slope	---	---	---	---	92
	Eatoncreek	---	---	---	---	---	---	12
474H4: LARSENCREEK-ELKLAKE-EATONCREEK COMPLEX, 60 TO 100 PERCENT NORTH SLOPES	LARSENCREEK	---	mountain slope	---	---	---	---	5,625
	ELKLAKE	---	mountain slope	---	---	---	---	3,375
	EATONCREEK	---	mountain slope	---	---	---	---	1,688
	Very deep medial soils in stable concave areas	---	---	---	---	---	---	---
474K4: ELKLAKE-EATONCREEK COMPLEX, 60 TO 100 PERCENT NORTH SLOPES	ELKLAKE	---	headwall	---	---	---	---	104
	EATONCREEK	---	headwall	---	---	---	---	66
	Larsencreek	---	---	---	---	---	---	8
476D7: QUINAUULT-MURHUT COMPLEX, 60 TO 100 PERCENT NORTH SLOPES	QUINAUULT	---	mountain slope	---	---	---	---	4,572
	MURHUT	---	mountain slope	---	---	---	---	3,556
	Rock outcrop	---	---	---	---	---	---	---
	Soils that have bedrock at more than 60 inches	---	---	---	---	---	---	---
	Vegetated rock outcrop	---	---	---	---	---	---	---
476H7: QUINAUULT-MURHUT COMPLEX, DISSECTED, 60 TO 100 PERCENT NORTH SLOPES	QUINAUULT	---	mountain slope	---	---	---	---	2,945
	MURHUT	---	mountain slope	---	---	---	---	1,767















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530F7: GRENNAN-HARDWICK COMPLEX, 5 TO 30 PERCENT SLOPES	GRENNAN	---	proglacial lake (relict)	---	---	---	---	1,298
	HARDWICK	---	proglacial lake (relict)	---	---	---	---	708
	Clayey- skeletal soils	---	---	---	---	---	---	---
	Fine-loamy soils with argillic horizons	---	---	---	---	---	---	---
531F7: GRENNAN-HARDWICK COMPLEX, 30 TO 60 PERCENT NORTH SLOPES	GRENNAN	---	proglacial lake (relict)	---	---	---	---	916
	HARDWICK	---	proglacial lake (relict)	---	---	---	---	352
	Fine-loamy soils with argillic horizons	---	---	---	---	---	---	---
533M7: NICKLUND VERY GRAVELLY SANDY LOAM, 5 TO 30 PERCENT SLOPES	NICKLUND	---	moraine	---	---	---	---	3,961
	Soils with cemented till	---	---	---	---	---	---	---
535M7: NICKLUND VERY GRAVELLY SANDY LOAM, 30 TO 60 PERCENT SLOPES	NICKLUND	---	moraine	---	---	---	---	6,246
	Colluvial soils	---	---	---	---	---	---	---
	Shallow cemented till soils	---	---	---	---	---	---	---
536M7: NEDHILL-FIRCREEK COMPLEX, 5 TO 30 PERCENT SLOPES	NEDHILL	---	moraine	---	---	---	---	1,092
	FIRCREEK	---	moraine	---	---	---	---	765



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540F8: GRAYWOLF-SLIDECAMP COMPLEX, 5 TO 30 PERCENT SLOPES	Unnamed	No	---	---	---	---	---	---
	GRAYWOLF	---	proglacial lake (relict)	---	---	---	---	1,340
	SLIDECAMP	---	proglacial lake (relict)	---	---	---	---	402
	Clayey- skeletal soils	---	---	---	---	---	---	---
	Fragipan soils	---	---	---	---	---	---	---
541F8: GRAYWOLF-SLIDECAMP COMPLEX, 30 TO 60 PERCENT SOUTH SLOPES	GRAYWOLF	---	proglacial lake (relict)	---	---	---	---	2,018
	SLIDECAMP	---	proglacial lake (relict)	---	---	---	---	673
	Clayey- skeletal soils	---	---	---	---	---	---	---
	Fine-loamy soils	---	---	---	---	---	---	---
	Rock outcrop	---	---	---	---	---	---	---
	Shallow soils	---	---	---	---	---	---	---
	Tunnelcreek	---	---	---	---	---	---	---
	542M8: ROCKYBROOK VERY GRAVELLY SANDY LOAM, 30 TO 60 PERCENT SOUTH SLOPES	ROCKYBROOK	---	moraine	---	---	---	---
Cemented till soils	---	---	---	---	---	---	---	
Sandy- skeletal soils	---	---	---	---	---	---	---	
Tunnelcreek	---	---	---	---	---	---	---	
543M7: GUNDERSON GRAVELLY FINE SANDY LOAM, 5 TO 30 PERCENT SLOPES	GUNDERSON	---	moraine	---	---	---	---	814





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563L8: DUSKPOINT VERY GRAVELLY LOAM, 2 TO 15 PERCENT SLOPES	DUSKPOINT	---	outwash plain	---	---	---	---	2,576
	Soils that have cemented till at 20 to 40 inches (Fircreek)	---	---	---	---	---	---	---
	Soils that have compacted till at 20 to 40 inches (Nedhill)	---	---	---	---	---	---	---
567J8: HAPLOXEREPTS-DYSTRUDEPTS ASSOCIATION, 45 TO 90 PERCENT SOUTH SLOPES	HAPLOXEREPTS	---	gorge	---	---	---	---	1,834
	DYSTRUDEPTS	---	gorge	---	---	---	---	667
	Rock outcrop	---	---	---	---	---	---	---
	Vegetated rock outcrop	---	---	---	---	---	---	---
591F8: JIMMYCOMELATELY VERY GRAVELLY LOAM, 30 TO 60 PERCENT SOUTH SLOPES	JIMMYCOMELATELY	---	proglacial lake (relict)	---	---	---	---	463
	Fine-loamy very deep soils with an argillic horizon	---	---	---	---	---	---	---
593M0: YEARY GRAVELLY LOAM, 15 TO 35 PERCENT SLOPES	YEARY	No	moraine	---	---	---	---	30
	Clallam	---	---	---	---	---	---	---
	Hoypus	---	---	---	---	---	---	---
	Louella	---	---	---	---	---	---	---
594M0: ELWHA GRAVELLY SANDY LOAM, 0 TO 15 PERCENT SLOPES	ELWHA	No	moraine	---	---	---	---	170





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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
630L9: GRISMAR VERY GRAVELLY SANDY LOAM, 2 TO 15 PERCENT SLOPES	GRISMAR	---	outwash plain	---	---	---	---	4,125
	Soils that have cemented till at 20 to 40 inches	---	---	---	---	---	---	---
	Soils with bedrock at >60in & angular rock frag. throughout	---	---	---	---	---	---	---
635N9: MOPANG-SOUTHSHORE-VESTA COMPLEX, 20 TO 50 PERCENT SLOPES	MOPANG	No	valley	---	---	---	---	2,167
	SOUTHSHORE	---	valley	---	---	---	---	788
	VESTA	No	valley	---	---	---	---	591
	Knappton	---	---	---	---	---	---	158
636N9: HOKO VERY GRAVELLY LOAM, 30 TO 60 PERCENT SLOPES	HOKO	No	valley	---	---	---	---	4,752
	Ascar	---	---	---	---	---	---	224
	Mopang	---	---	---	---	---	---	224
	Hoko on slopes less than 30%	---	---	---	---	---	---	---
637M9: MOPANG SILT LOAM, 5 TO 20 PERCENT SLOPES	MOPANG	No	moraine	---	---	---	---	6,375
	Mudcreek	---	---	---	---	---	---	300
638M9: MUDCREEK GRAVELLY LOAM, 5 TO 20 PERCENT SLOPES	MUDCREEK	---	moraine	---	---	---	---	7,140
	Mopang	---	---	---	---	---	---	588
639M9: COPALIS SILT LOAM, 30 TO 65 PERCENT SLOPES	COPALIS	No	moraine	---	---	---	---	4

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
660M9: COPALIS SILT LOAM, 1 TO 8 PERCENT SLOPES	Hoquiam	---	---	---	---	---	---	---
	LeBar	---	---	---	---	---	---	---
	Mopang	---	---	---	---	---	---	---
	Nordby	---	---	---	---	---	---	---
	COPALIS	No	moraine	---	---	---	---	112
	Halbert	---	---	---	---	---	---	---
	Hoquiam	---	---	---	---	---	---	---
	LeBar	---	---	---	---	---	---	---
	Mopang	---	---	---	---	---	---	---
	Nemah	---	---	---	---	---	---	---
	Nordby	---	---	---	---	---	---	---
	O'Brien	---	---	---	---	---	---	---
Willaby	---	---	---	---	---	---	---	
661L7: BOGACHIEL-ISHMAEL COMPLEX, 1 TO 5 PERCENT SLOPES	BOGACHIEL	---	outwash plain	---	---	---	---	2,865
	ISHMAEL	---	outwash plain	---	---	---	---	2,578
	Nanich	---	---	---	---	---	---	---
	Solduc	---	---	---	---	---	---	---
662L7: ISHMAEL EXTREMELY GRAVELLY SANDY LOAM, 1 TO 5 PERCENT SLOPES	ISHMAEL	---	outwash plain	---	---	---	---	306
	Very deep sandy-skeletal soils	---	---	---	---	---	---	---
663X7: HAPLUDANDS AND DYSTRUDEPTS SOILS, 50 TO 90 PERCENT SLOPES	HAPLUDANDS	---	escarpment	---	---	---	---	6,039
	DYSTRUDEPTS	---	escarpment	---	---	---	---	2,516

HYDRIC SOILS LIST--Continued  
 Olympic National Forest Area, Washington (Parts of Clallam, Grays Harbor, Jefferson, and Mason Counties):  
 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	
664M7: HAVA EXTREMELY GRAVELLY SANDY LOAM, 10 TO 40 PERCENT NORTH SLOPES	Hapludands on slopes between 30 and 50%	---	---	---	---	---	---	---
	Moderately deep soils	---	---	---	---	---	---	---
	HAVA	---	moraine	---	---	---	---	1,696
665M9: KLAHOWYA GRAVELLY SANDY LOAM, 10 TO 40 PERCENT SLOPES	Soils with sandy-skeletal particle-size control sections	---	---	---	---	---	---	---
	KLAHOWYA	---	moraine	---	---	---	---	3,712
	Ovington	---	---	---	---	---	---	---
666M9: MUDCREEK-KALALOCH COMPLEX, 5 TO 35 PERCENT SLOPES	MUDCREEK	---	moraine	---	---	---	---	3,836
	KALALOCH	---	moraine	---	---	---	---	822
	Medial soils that are somewhat poorly drained	---	---	---	---	---	---	---
667M9: BONIDU-KLAHOWYA-OVINGTON COMPLEX, 15 TO 40 PERCENT NORTH SLOPES	Moderately deep medial soils	---	---	---	---	---	---	---
	Very deep medial soils	---	---	---	---	---	---	---
	Very deep medial-skeletal soils	---	---	---	---	---	---	---
BONIDU	---	moraine	---	---	---	---	4,770	

HYDRIC SOILS LIST--Continued  
 Olympic National Forest Area, Washington (Parts of Clallam, Grays Harbor, Jefferson, and Mason Counties):  
 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	
668L5: EMMIOTT SILT LOAM, 1 TO 10 PERCENT SLOPES	KLAWOWYA	---	moraine	---	---	---	---	1,908
	OVINGTON	---	moraine	---	---	---	---	1,431
	Kickinghorse	---	---	---	---	---	---	---
	EMMIOTT	---	outwash plain	---	---	---	---	1,477
	Solduc	---	---	---	---	---	---	---
	Wetlands	---	---	---	---	---	---	---
669L9: NANICH-SOLDUC COMPLEX, 1 TO 5 PERCENT SLOPES	NANICH	---	outwash plain	---	---	---	---	2,126
	SOLDUC	---	outwash plain	---	---	---	---	1,353
	Fulvudands	---	---	---	---	---	---	---
	Soils with dense till	---	---	---	---	---	---	---
670M7: GUNDERSON GRAVELLY FINE SANDY LOAM, 30 TO 60 PERCENT SLOPES	GUNDERSON	---	moraine	---	---	---	---	446
	Gunderson on slopes less than 30%	---	---	---	---	---	---	---
	Ruggedridge	---	---	---	---	---	---	---
	Very deep soils	---	---	---	---	---	---	---
671M0: CASEY SILTY CLAY LOAM, 0 TO 10 PERCENT SLOPES	CASEY	No	moraine	---	---	---	---	544
	Bellingham	Yes	---	2B3	YES	NO	NO	24
	McKenna	Yes	---	3,2B3	YES	NO	YES	24
	Elwha	---	---	---	---	---	---	---
	Mukilteo	---	---	---	---	---	---	---
	Schnorbush	---	---	---	---	---	---	---
673M2: THIMBLEPEAK-HAAS COMPLEX, 15 TO 45 PERCENT SLOPES	THIMBLEPEAK	---	moraine	---	---	---	---	1,275





HYDRIC SOILS LIST--Continued  
 Olympic National Forest Area, Washington (Parts of Clallam, Grays Harbor, Jefferson, and Mason Counties):  
 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	
681A7: QUEETS SILT LOAM, 0 TO 5 PERCENT SLOPES	QUEETS	No	flood plain, fluvial terrace	---	---	---	---	1,335
	Hoh	---	---	---	---	---	---	---
	Poorly drained soils	---	---	---	---	---	---	---
	Soils that have a gravelly substratum at less than 40in	---	---	---	---	---	---	---
	Unnamed	Yes	alluvial cone	---	---	---	---	---
	Wet spots	Yes	alluvial cone	---	---	---	---	---
682M7: KLONE-KLAHOWYA-TEALWHIT COMPLEX, 0 TO 15 PERCENT SLOPES	KLONE	No	moraine	---	---	---	---	110
	KLAHOWYA	---	moraine	---	---	---	---	44
	TEALWHIT	Yes	moraine	2B3	YES	NO	NO	44
	Kydaka	Yes	---	2B3	YES	NO	NO	4
	Calawah	---	---	---	---	---	---	---
	Queets	---	---	---	---	---	---	---
	Riverwash	---	---	---	---	---	---	---
	Wet spots	Yes	---	---	---	---	---	---
701Q9: KICKINGHORSE-OVINGTON-BONIDU COMPLEX, 40 TO 80 PERCENT NORTH SLOPES	KICKINGHORSE	---	mountain slope	---	---	---	---	1,138
	OVINGTON	---	mountain slope	---	---	---	---	854
	BONIDU	---	mountain slope	---	---	---	---	569
	Shallow soils	---	---	---	---	---	---	---
708Q8: INDIANPASS-KETLAND COMPLEX, 40 TO 80 PERCENT NORTH SLOPES	INDIANPASS	---	mountain slope	---	---	---	---	2,152
	KETLAND	---	mountain slope	---	---	---	---	662





HYDRIC SOILS LIST--Continued  
 Olympic National Forest Area, Washington (Parts of Clallam, Grays Harbor, Jefferson, and Mason Counties):  
 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	
	Ruggedridge on slopes less than 50%	---	---	---	---	---	---	---
	Shallow soils	---	---	---	---	---	---	---
	Very shallow soils	---	---	---	---	---	---	---
719Q8: SCHUTZ-RUPRECHT-PISTOL COMPLEX, 40 TO 90 PERCENT SLOPES	SCHUTZ	---	mountain slope	---	---	---	---	1,892
	RUPRECHT	---	mountain slope	---	---	---	---	1,262
	PISTOL	---	mountain slope	---	---	---	---	841
	Soils with a xeric moisture regime	---	---	---	---	---	---	---
720P8: SCHUTZ-PISTOL COMPLEX, 15 TO 40 PERCENT SLOPES	SCHUTZ	---	mountain slope	---	---	---	---	533
	PISTOL	---	mountain slope	---	---	---	---	164
	Shallow soils	---	---	---	---	---	---	---
721H7: RUGGEDRIDGE-LOTLOH COMPLEX, 50 TO 100 PERCENT NORTH SLOPES	RUGGEDRIDGE	---	mountain slope	---	---	---	---	946
	LOTLOH	---	mountain slope	---	---	---	---	364
	Constance	---	---	---	---	---	---	---
	Ruggedridge on slopes less than 50%	---	---	---	---	---	---	---
	Very deep soils that have an Alic intergrade	---	---	---	---	---	---	---
722H4: EDENVALLEY-SAPPHO- DIMAL COMPLEX, 60 TO 100 PERCENT SLOPES	EDENVALLEY	---	mountain slope	---	---	---	---	2,860
	SAPPHO	---	mountain slope	---	---	---	---	1,589





HYDRIC SOILS LIST--Continued  
 Olympic National Forest Area, Washington (Parts of Clallam, Grays Harbor, Jefferson, and Mason Counties):  
 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	
	Shallow frigid soils on slopes greater than 50%	---	---	---	---	---	---	---
	Very shallow cryic soils	---	---	---	---	---	---	---
731D3: SORETHUMB-BLACKJACK-CONSTANCE COMPLEX, 50 TO 100 PERCENT SOUTH SLOPES	SORETHUMB	---	mountain slope	---	---	---	---	948
	BLACKJACK	---	mountain slope	---	---	---	---	474
	CONSTANCE	---	mountain slope	---	---	---	---	284
	Very deep soils that have an Alic intergrade	---	---	---	---	---	---	---
732D2: SORETHUMB-BLACKJACK-CONSTANCE COMPLEX, 60 TO 90 PERCENT NORTH SLOPES	SORETHUMB	---	mountain slope	---	---	---	---	690
	BLACKJACK	---	mountain slope	---	---	---	---	345
	CONSTANCE	---	mountain slope	---	---	---	---	207
	Lonemountain	---	---	---	---	---	---	---
	Sorethumb on slopes less than 60%	---	---	---	---	---	---	---
733H2: SORETHUMB-BLACKJACK COMPLEX, 50 TO 100 PERCENT SOUTH SLOPES	SORETHUMB	---	mountain slope	---	---	---	---	7,052
	BLACKJACK	---	mountain slope	---	---	---	---	2,015
	Ruggedridge	---	---	---	---	---	---	---
	Shallow and very shallow cryic soils	---	---	---	---	---	---	---
734H4: SORETHUMB-BLACKJACK-CONSTANCE COMPLEX, DISSECTED, 60 TO 100 PERCENT NORTH SLOPES	SORETHUMB	---	mountain slope	---	---	---	---	4,419

HYDRIC SOILS LIST--Continued  
 Olympic National Forest Area, Washington (Parts of Clallam, Grays Harbor, Jefferson, and Mason Counties):  
 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	
735K2: SORETHUMB-CONSTANCE COMPLEX, 60 TO 100 PERCENT SOUTH SLOPES	BLACKJACK	---	mountain slope	---	---	---	---	1,607
	CONSTANCE	---	mountain slope	---	---	---	---	1,205
	Rock outcrop	---	---	---	---	---	---	---
	SORETHUMB	---	headwall	---	---	---	---	1,480
	CONSTANCE	---	headwall	---	---	---	---	1,036
	Deep soils that have an Alic intergrade	---	---	---	---	---	---	---
	Mod. deep soils with a Bh horizon and an Alic intergra	---	---	---	---	---	---	---
	Rock outcrop	---	---	---	---	---	---	---
	Very deep soils	---	---	---	---	---	---	---
745C4: SOCKEYE-SOLLEKS COMPLEX, 10 TO 45 PERCENT SLOPES	SOCKEYE	---	mountain slope	---	---	---	---	1,086
	SOLLEKS	---	mountain slope	---	---	---	---	452
	Snahopish	---	---	---	---	---	---	---
746C4: SOLLEKS-SOCKEYE COMPLEX, 10 TO 45 PERCENT SLOPES	SOLLEKS	---	mountain slope	---	---	---	---	4,956
	SOCKEYE	---	mountain slope	---	---	---	---	3,154
	Snahopish	---	---	---	---	---	---	---
747H2: SNAHOPIH-SOCKEYE- SOLLEKS COMPLEX, 50 TO 90 PERCENT SOUTH SLOPES	SNAHOPIH	No	mountain slope	---	---	---	---	268
	SOCKEYE	---	mountain slope	---	---	---	---	234
	SOLLEKS	---	mountain slope	---	---	---	---	100

HYDRIC SOILS LIST--Continued  
 Olympic National Forest Area, Washington (Parts of Clallam, Grays Harbor, Jefferson, and Mason Counties):  
 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	
	Deep moderately well drained soils	---	---	---	---	---	---	---
748D2: SNAHOPISH-BUNCH-SOLLEKS COMPLEX, 50 TO 100 PERCENT SOUTH SLOPES	SNAHOPISH	No	mountain slope	---	---	---	---	428
	BUNCH	---	mountain slope	---	---	---	---	321
	SOLLEKS	---	mountain slope	---	---	---	---	268
	Shallow soils on convex shoulder slopes	---	---	---	---	---	---	---
749H4: SNAHOPISH-SOLLEKS-SOCKEYE COMPLEX, 60 TO 100 PERCENT SOUTH SLOPES	SNAHOPISH	No	mountain slope	---	---	---	---	3,440
	SOLLEKS	---	mountain slope	---	---	---	---	3,010
	SOCKEYE	---	mountain slope	---	---	---	---	1,290
	Hookbranch	---	---	---	---	---	---	344
	Lunchcreek	---	---	---	---	---	---	344
	Shallow soils	---	---	---	---	---	---	---
750H4: SNAHOPISH-SOLLEKS-BUNCH COMPLEX, 60 TO 100 PERCENT SOUTH SLOPES	SNAHOPISH	No	mountain slope	---	---	---	---	3,168
	SOLLEKS	---	mountain slope	---	---	---	---	2,112
	BUNCH	---	mountain slope	---	---	---	---	1,056
	Hookbranch	---	---	---	---	---	---	282
	Lunchcreek	---	---	---	---	---	---	282
	Shallow soils	---	---	---	---	---	---	---
751K4: SOLLEKS-SNAHOPISH COMPLEX, 50 TO 100 PERCENT SOUTH SLOPES	SOLLEKS	---	headwall	---	---	---	---	698
	SNAHOPISH	No	headwall	---	---	---	---	381



HYDRIC SOILS LIST--Continued  
 Olympic National Forest Area, Washington (Parts of Clallam, Grays Harbor, Jefferson, and Mason Counties):  
 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	
781T1: GAMM-SCHAFFER COMPLEX, 30 TO 60 PERCENT NORTH SLOPES	GAMM	---	cirque	---	---	---	---	3,182
	SCHAFFER	---	cirque	---	---	---	---	1,910
	Poorly or very poorly drained soils in closed depressions	---	---	---	---	---	---	---
	Rubbleland	---	---	---	---	---	---	---
	Soils that have bedrock at 20 to 40 inches	---	---	---	---	---	---	---
782D3: DISCOVERY-SKINWOOD COMPLEX, 60 TO 100 PERCENT SOUTH SLOPES	DISCOVERY	---	mountain slope	---	---	---	---	1,650
	SKINWOOD	---	mountain slope	---	---	---	---	1,444
	Rock outcrop	---	---	---	---	---	---	---
	Soils that have bedrock at more than 60 inches	---	---	---	---	---	---	---
783K4: MERRIMAN-WEATHERWAX COMPLEX, 50 TO 100 PERCENT NORTH SLOPES	MERRIMAN	---	headwall	---	---	---	---	1,098
	WEATHERWAX	---	headwall	---	---	---	---	458
	Deep soils that have a thaptic intergrade	---	---	---	---	---	---	---
	Deep soils that have an Alic intergrade	---	---	---	---	---	---	---
	Rock outcrop	---	---	---	---	---	---	---
795C0: TERBIES VERY GRAVELLY SANDY LOAM, 30 TO 65 PERCENT SLOPES	TERBIES	No	mountain slope	---	---	---	---	366

HYDRIC SOILS LIST--Continued  
 Olympic National Forest Area, Washington (Parts of Clallam, Grays Harbor, Jefferson, and Mason Counties):  
 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	
801R3: ROCK OUTCROP- HAPLOCRYANDS ASSOCIATION, GLACIAL TROUGH, 60 TO 100 PERCENT SLOPES	Elwha	---	---	---	---	---	---	---
	Louella	---	---	---	---	---	---	---
	Schnorbush	---	---	---	---	---	---	---
	ROCK OUTCROP	---	trough	---	---	---	---	7,182
	HAPLOCRYANDS	---	trough	---	---	---	---	5,028
	Deep soils	---	---	---	---	---	---	---
	Haplocryands on slopes between 45 and 60%	---	---	---	---	---	---	---
801S1: ROCK OUTCROP- HAPLOCRYANDS-RUBBLE LAND ASSOCIATION, CIRQUE HEADWALLS, 60 TO 100 PERCENT SLOPES	Rubbleland	---	---	---	---	---	---	---
	Very deep soils	---	---	---	---	---	---	---
	ROCK OUTCROP	---	cirque wall	---	---	---	---	9,792
	HAPLOCRYANDS	---	cirque wall	---	---	---	---	8,704
	Haplocryands, very shallow on slopes between 10 and 40%	---	---	---	---	---	---	---
	Rubbleland	---	---	---	---	---	---	---
801U1: ROCK OUTCROP- HAPLOCRYANDS ASSOCIATION, 10 TO 40 PERCENT NORTH SLOPES	Very deep soils	---	---	---	---	---	---	---
	Wetlands	---	---	---	---	---	---	---
	ROCK OUTCROP	---	cirque	---	---	---	---	1,566
	HAPLOCRYANDS	---	cirque	---	---	---	---	1,218



HYDRIC SOILS LIST--Continued  
 Olympic National Forest Area, Washington (Parts of Clallam, Grays Harbor, Jefferson, and Mason Counties):  
 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	
812D8: HAPLUDANDS-ROCK OUTCROP ASSOCIATION, 60 TO 100 PERCENT SLOPES	HAPLUDANDS	---	mountain slope	---	---	---	---	1,518
	ROCK OUTCROP	---	mountain slope	---	---	---	---	467
	Deep soils	---	---	---	---	---	---	---
	Hapludands on slopes between 40 and 60%	---	---	---	---	---	---	---
	Moderately deep soils to a cemented layer	---	---	---	---	---	---	---
816H4: FULVUDANDS-ROCK OUTCROP ASSOCIATION, 60 TO 100 PERCENT SLOPES	FULVUDANDS	---	mountain slope	---	---	---	---	1,508
	ROCK OUTCROP	---	mountain slope	---	---	---	---	464
	Lithic Fulvudands	---	---	---	---	---	---	---
	Soils with dense till	---	---	---	---	---	---	---
817H4: ROCK OUTCROP- FULVUDANDS ASSOCIATION, 60 TO 100 PERCENT SLOPES	ROCK OUTCROP	---	mountain slope	---	---	---	---	319
	FULVUDANDS	---	mountain slope	---	---	---	---	174
	Fulvudands, deep	---	---	---	---	---	---	29
	Fulvudands, very deep	---	---	---	---	---	---	29
	Soils with dense till	---	---	---	---	---	---	29
820SZ: RUBBLE LAND-ROCK OUTCROP-DYSTROCRYEPTS ASSOCIATION, 60 TO 100 PERCENT SLOPES	ROCK OUTCROP	---	cirque wall	---	---	---	---	1,624
	RUBBLELAND	---	cirque wall	---	---	---	---	1,624

HYDRIC SOILS LIST--Continued  
 Olympic National Forest Area, Washington (Parts of Clallam, Grays Harbor, Jefferson, and Mason Counties):  
 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	
900AZ: RIVERWASH-UDIFLUVENTS COMPLEX, 1 TO 5 PERCENT SLOPES	DYSTROCRYEPTS	---	cirque wall	---	---	---	---	1,083
	Dystrocryepts	---	---	---	---	---	---	---
	Haplocryands	---	---	---	---	---	---	---
	RIVERWASH	---	flood plain, fluvial terrace	---	---	---	---	1,152
	UDIFLUVENTS	---	flood plain, fluvial terrace	---	---	---	---	576
900WZ: TYPIC MEDIHEMISTS, 0 TO 5 PERCENT SLOPES	Very deep soils	---	---	---	---	---	---	---
	Wetlands	---	---	---	---	---	---	---
	TYPIC MEDIHEMISTS	---	depression	---	---	---	---	306
	Fibrist	---	---	---	---	---	---	---
901AZ: UDIFLUVENTS, 1 TO 5 PERCENT SLOPES	Water	---	---	---	---	---	---	---
	UDIFLUVENTS	---	flood plain, fluvial terrace	---	---	---	---	3,800
	Riverwash	---	---	---	---	---	---	---
	Udorthents	---	---	---	---	---	---	---
	Very deep soils	---	---	---	---	---	---	---
902E8: UDORTHENTS, 1 TO 5 PERCENT SLOPES	Wetlands	---	---	---	---	---	---	---
	UDORTHENTS	---	terrace	---	---	---	---	1,791
903E8: BELLINGHAM SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	Very deep soils	---	---	---	---	---	---	---
	BELLINGHAM	Yes	terrace	2B3	YES	NO	NO	132
	McKenna	Yes	depression	2B3,3	YES	NO	YES	9
	Puget	Yes	terrace	2B3	YES	NO	NO	9



