



1989

Forest Pest Conditions

Pacific Northwest Region

Compiled by:

**USDA Forest Service,
Forest Pest Management
Oregon State Department of Forestry
Washington State Department of Natural Resources**

Pacific Northwest Region Forest Pest Conditions 1989

Compiled by:

Tim McConnell

Forest Pest Management, Pacific Northwest Region

Ellen Michaels Goheen

Forest Pest Management, Pacific Northwest Region

Pacific Northwest Region
USDA Forest Service
Forest Pest Management
319 SW Pine Street
P.O. Box 3623
Portland, Oregon 97208
503-326-2727

Eastern Washington Area
Forest Health Office
USDA Forest Service
Forest Sciences Laboratory
1133 North Western Avenue
Wenatchee, Washington 98801
509-664-2709

Bend Area Office
USDA Forest Service
Forest Pest Management
Deschutes National Forest
1645 Highway 20 East
Bend, Oregon 97701
503-388-8591
503-388-6701

Blue Mountain Area Office
USDA Forest Service
Forest Pest Management
Forestry and Range Sciences Lab
1401 Gekeler Lane
La Grande, Oregon 97850
503-963-7122

Washington State
Department of Natural Resources
Forest Land Management
9701 Blomberg Street Southwest
Mail Stop: MQ-11
Olympia, Washington 98504
206-753-0671

Oregon Department of Forestry
Insect and Disease Management
2600 State Street
Salem, Oregon 97310
503-378-2554

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Insect Conditions in the Pacific Northwest Region

Four years of less-than-normal precipitation continue to cause increasing insect effects on forests in the Pacific Northwest. Although western spruce budworm has decreased throughout Oregon in 1989, mortality caused by the major bark beetle species increased significantly. The drought has had the greatest effect in southwest and eastern Oregon.

Douglas-fir beetle-caused mortality increased in eastern Oregon, but was down in eastern Washington. Douglas-fir beetle populations continue to increase in the Blue Mountain Forests, especially in the areas with past fires and western spruce budworm defoliation. Douglas-fir mortality occurred on 324,000 acres (19 million cubic feet).

Fir-engraver caused mortality in true fir was three to five times higher in both eastern Washington and eastern Oregon. Mortality occurred on 834,000 acres (23.6 million cubic feet) as compared to 267,000 (5.7 million cubic feet) in 1988.

The number of lodgepole pines killed by mountain pine beetle was less than one quarter of the previous year in central Oregon, but was up slightly in intensity in eastern Washington and the Malheur National Forest. Mountain pine beetle-caused ponderosa pine mortality increased throughout the east side of the Region.

Western pine beetle caused mortality in ponderosa pine increased in both States. Generally, western pine beetles attack large sawlog ponderosa pine, but this year there was increased mortality to small saw log ponderosa pine in southern and eastern Oregon.

Because of drought conditions in southern Oregon, flatheaded wood borer caused significant mortality in mature old Douglas-fir, and western pine beetle killed significant numbers of ponderosa pine at the lower elevations.

Western spruce budworm defoliation decreased by 1.3 million acres to 1.4 million acres in Oregon, but increased sixty per cent in Washington to 360,000 acres. The Oregon budworm outbreak has continued to decline since 1986. The large suppression projects areas treated with B.t. in 1988 showed little or no defoliation from the air in 1989. A small pilot project (4,000 acres) using B.t. (Foray 48LV) at 16 BIU comparing 64 fl oz and 43 fl oz per acre was completed on the Pine Ranger District of the Wallowa-Whitman National Forest. An operational suppression project of 7,454 acres was conducted on the Clackamas Ranger District of the Mt Hood National Forest by helicopter using Dipel 6L at 16 BIU. The mean post-treatment population density was 5.5 larvae per mid-crown branch.

Larval sampling of Douglas-fir tussock moth showed increasing populations at suboutbreak levels on the Pine Ranger District. No defoliation was detected.

Pandora moth populations were found in second growth ponderosa pine and lodgepole pine near Sun River in central Oregon.

No new gypsy moth infestations were detected in the Region using pheromone traps. Eradication efforts were conducted by spraying from the ground around two private residences in Lake Oswego near Portland, Oregon, and one property in Cave Junction, Oregon.

Cone and seed insects are a major factor reducing production in Douglas-fir seed orchards in Oregon and Washington. A feasibility demonstration of aerial application and an insecticide recommendation was conducted at the Heather Seed Orchard on the Willamette National Forest in Oregon. Approximately 85% of the potential good seed per cone was saved.

Disease Conditions in the Pacific Northwest Region

Disease conditions in the Pacific Northwest are assessed by routine stand examinations conducted by Agency personnel or during ground-based pest surveys conducted by Forest Pest Management personnel.

Root diseases are among the most serious pest problems in Washington and Oregon forests because of the magnitude of losses and the difficulty of treatment. They are diseases of the site and may intensify from one rotation to the next. Annual losses to root disease on all ownerships has been estimated at over 180 million cubic feet. Approximately 7.5% of the acreage of commercial forest land on all ownerships is affected by root disease. It is estimated that production is reduced by 50% on those affected acres.

Laminated root rot is the most serious disease of forests west of the Cascade crest and accounts for 60% of all root disease losses. It is estimated to have removed approximately 8% of the Douglas-fir type west of the Cascades from full production. Damage was also severe in some Eastside grand and white fir stands. Tolerant, resistant, and immune species were favored or planted to suppress this disease.

Annosus root disease was responsible for extensive losses in many partially cut white and grand fir stands in eastern Washington and Oregon. Most loss was due to tree mortality. Severity is expected to increase with time. Annosus root disease was observed with increasing frequency in ponderosa pine stands on very dry sites in southeastern Oregon. Losses were severe in some high value seed orchards. Concern about the impacts of annosus root disease in mountain hemlock and Pacific silver fir in high elevation stands in the Cascades increased.

Armillaria root disease caused serious losses in later seral stage/early climax plant communities east of the Cascades. Losses west of the Cascades were usually confined to stressed stands, such as those planted with off-site stock.

Impact of dwarf mistletoes on conifers remained high. Dwarf mistletoes were present on approximately 9.5 million acres and caused an estimated loss of 131 million cubic feet of timber in 1989. Most of the damage from dwarf mistletoes occurred east of the Cascade crest. Douglas-fir dwarf mistletoe was the most damaging forest tree disease in Eastside stands, infecting 42% of the host type.

Annual losses of western white and sugar pines from white pine blister rust have been estimated at 15 million cubic feet. Rust resistant planting stock was available for regenerating stands. Interest in pruning white pine stands to control the disease continued to increase.

Increased moisture during the year contributed to increased observations of foliar diseases. Top, branch, and whole-tree mortality associated with drought and secondarily with complexes of canker fungi were reported at much lower levels than during the two previous years.

PEST OCCURRENCE SUMMARY for the
PACIFIC NORTHWEST REGION
1989

PEST	Severity	Acres affected	Number of trees killed	Volume lost (MBF)	Volume lost (MCF)
DOUGLAS-FIR BEETLE		324258.	172874.	96564.	19014.
DOUGLAS-FIR ENGRAVER		1454.	659.	40.	8.
ENGELMANN SPRUCE BEETLE		68160.	115258.	28811.	5434.
FIR ENGRAVER		833743.	428245.	121368.	23654.
FLATHEADED WOOD BORER		141043.	28419.	4367.	962.
MTN PINE BEETLE, Ponderosa pine		403716.	267742.	16266.	3259.
MTN PINE BEETLE, Sugar pine		11938.	4438.	4492.	1016.
MTN PINE BEETLE, West white pine		55600.	22548.	10068.	1964.
MTN PINE BEETLE, Lodgepole pine		644182.	694655.	48504.	10120.
MTN PINE BEETLE, Knobcone pine		706.	338.	17.	3.
MTN PINE BEETLE, Whitebark pine		4328.	2143.	102.	19.
	TOTAL	1,120,470	991,864	79,449	16,381
OREGON PINE IPS		1041.	235.	0.	0.
OREGON PINE IPS	LIGHT	2086.			
OREGON PINE IPS	MEDIUM	3740.			
OREGON PINE IPS	HEAVY	1417.			
	TOTAL	8,284			
WESTERN PINE BEETLE		148748.	71371.	38052.	7475.
WESTERN PINE BEETLE, pole-size		64919.	14061.	3410.	750.
	TOTAL	213,667	85,432	41,462	8,225
SILVER FIR BEETLE		946.	349.	282.	60.

Pacific Northwest Region 1989 Continued

Pest	Severity	Acres affected
WESTERN SPRUCE BUDWORM		30.
WESTERN SPRUCE BUDWORM	CODE 1	512137.
WESTERN SPRUCE BUDWORM	CODE 2	541611.
WESTERN SPRUCE BUDWORM	CODE 3	359931.
WESTERN SPRUCE BUDWORM	CODE 4	32148.
WESTERN SPRUCE BUDWORM	LIGHT	280794.
WESTERN SPRUCE BUDWORM	MEDIUM	32251.
WESTERN SPRUCE BUDWORM	HEAVY	20300.
	TOTAL	1,779,202
BALSAM WOOLLY ADELGID	LIGHT	26940.
BALSAM WOOLLY ADELGID	MEDIUM	4053.
BALSAM WOOLLY ADELGID	HEAVY	3063.
	TOTAL	34,056
PINE NEEDLE SCALE	LIGHT	1627.
PINE NEEDLE SCALE	MEDIUM	2698.
PINE NEEDLE SCALE	HEAVY	2020.
	TOTAL	6,345
SPRUCE APHID	LIGHT	6637.
SPRUCE APHID	MEDIUM	1982.
	TOTAL	8,619
SAWFLY, Ponderosa pine	LIGHT	1186.
CYTOSPORA CANKER	LIGHT	1269.
CYTOSPORA CANKER	MEDIUM	8420.
CYTOSPORA CANKER	HEAVY	3309.
	TOTAL	12,998
PORT ORFORD CEDAR ROOT DIS.		40260.
PORT ORFORD CEDAR ROOT DIS.	HEAVY	1044.
	TOTAL	41,304
BEAR		195.
BEAR	LIGHT	13476.
BEAR	MEDIUM	11265.
BEAR	HEAVY	5232.
	TOTAL	30,168
WINTER DAMAGE		4188.
WINTER DAMAGE	LIGHT	70.
WINTER DAMAGE	MEDIUM	2606.
WINTER DAMAGE	HEAVY	68.
	TOTAL	6,932
WATER DAMAGE		1238.
WIND		515.

1989 Pest Occurrence Summary
State of Washington

<u>Pest</u>	<u>Acres affected</u>	<u>Number of trees killed</u>	<u>Volume lost (MBF)</u>	<u>Volume lost (MCF)</u>
DOUGLAS-FIR BEETLE	27022.	12901.	7436.	1514.
ENGELMANN SPRUCE BEETLE	2369.	2163.	541.	116.
FIR ENGRAVER	296518.	250088.	70592.	13397.
MTN PINE BEETLE - PONDEROSA PINE	103628.	100494.	5301.	1076.
MTN PINE BEETLE - WEST WHITE PINE	54994.	22432.	10014.	1951.
MTN PINE BEETLE - LODGEPOLE PINE	69131.	163759.	11430.	2290.
MTN PINE BEETLE - WHITEBARK PINE	3622.	1907.	93.	17.
SubTotal	231,375	288,592	26,838	5,334
OREGON PINE IPS		281		
WESTERN PINE BEETLE	57342.	58552.	28805.	5527.
BALSAM WOOLLY ADELGID		32,777		
WESTERN SPRUCE BUDWORM		362,521		

1989 Pest Occurrence Summary
State of Oregon

<u>Pest</u>	<u>Acres affected</u>	<u>Number of trees killed</u>	<u>Volume lost (MBF)</u>	<u>Volume lost (MCF)</u>
DOUGLAS-FIR BEETLE	297236.	159973.	89127.	17499.
ENGELMANN SPRUCE BEETLE	65791.	113095.	28269.	5317.
FIR ENGRAVER	533988.	176675.	50254.	10138.
FLATHEADED WOOD BORER	139162.	28063.	4316.	952.
MTN PINE BEETLE, PONDEROSA PINE	300045.	167240.	10965.	2184.
MTN PINE BEETLE, SUGAR PINE	10840.	4302.	4351.	984.
MTN PINE BEETLE, WEST WHITE PINE	606.	116.	55.	12.
MTN PINE BEETLE, LODGEPOLE PINE	575023.	530847.	37071.	7830.
MTN PINE BEETLE, KNOBCONE PINE	706.	338.	17.	3.
MTN PINE BEETLE, WHITEBARK PINE	706.	236.	10.	2.
Subtotal	887,926	703,079	52,469	11,015

PEST INFORMATION SYSTEM INPUT FORM

YEAR 1989

REGION SIX (Pacific Northwest)

DATE 1/23/90

PEST	STATE	LAND CLASS	ACRES (thousands)	VOLUME (mcf)	NO. TREES KILLED ¹	NO. SPB SPOTS ²
MOUNTAIN PINE BEETLE ALL SPECIES	OREGON	National Forest	641.1	6993.92	479,580	
		Other Federal	49.6	1099.91	56,190	
		State & Private	196.3	2922.11	166,900	
MOUNTAIN PINE BEETLE ALL SPECIES	WASH.	National Forest	81.8	2894.46	141,580	
		Other Federal	51.9	951.06	38,170	
		State & Private	97.4	1488.92	108,150	
DOUGLAS-FIR BEETLE	OREGON	National Forest	258.3	14955.12	137,570	
		Other Federal	4.8	283.59	2,170	
		State & Private	34.2	2260.49	20,240	
DOUGLAS-FIR BEETLE	WASH.	National Forest	13.0	689.52	5,830	
		Other Federal	0.0	0.0	0	
		State & Private	12.0	684.99	5,830	
FIR ENGRAVER	OREGON	National Forest	343.1	6250.84	106,190	
		Other Federal	17.2	804.26	9,770	
		State & Private	173.6	3082.70	60,690	
FIR ENGRAVER	WASH.	National Forest	168.2	7107.82	107,600	
		Other Federal	14.7	578.03	11,150	
		State & Private	113.5	5701.83	107,600	
WESTERN SPRUCE BUDWORM	OREGON	National Forest	1125.3	4.3	-	
		Other Federal	22.8	.6	-	
		State & Private	268.0	2.1	-	
WESTERN SPRUCE BUDWORM	WASH.	National Forest	128.8	.3	-	
		Other Federal	72.1	.3	-	
		State & Private	161.6	.2	-	

PEST	STATE	LAND CLASS	ACRES (thousands)	VOLUME (mcf)	NO. TREES KILLED ¹	NO. SPB SPOTS ²
OTHER BARK BEETLES	OREGON	National Forest	173.2	6993.64	131,400	
		Other Federal	115.2	1222.90	21,570	
		State & Private	137.8	1494.54	29,650	
OTHER BARK BEETLES	WASH.	National Forest	8.0	477.95	5,720	
		Other Federal	15.6	1186.34	11,040	
		State & Private	36.7	4025.63	44,200	
Root Diseases	Oregon	National Forest	803	57300		
		Other Federal	152	10300		
		State & Private	736	32400		
Root Diseases	Wash.	National Forest	364	30828		
		Other Federal	13	9072		
		State & Private	878	44100		
Dwarf Mistletoes	Oregon	National Forest	2703	21831		
		Other Federal	505	3924		
		State & Private	2470	12344		
Dwarf Mistletoes	Wash.	National Forest	1137	10124		
		Other Federal	43	2979		
		State & Private	2760	14482		
Other	Oregon	National Forest	11481	1058		
		Other Federal	2175	190		
		State & Private	10514	599		
Other	Wash.	National Forest	5194	532		
		Other Federal	179	156		
		State & Private	12538	762		

1988 and 1989 PRIMARY INSECT SUMMARY
PACIFIC NORTHWEST REGION

WESTERN SPRUCE BUDWORM DEFOLIATION

FOREST OR AREA	STATE	1988 ACRES	1989 ACRES
WALLOWA-WHITMAN NF	OR	702,600	558,575
UMATILLA NF	OR/WA	522,200	348,041
MALHEUR NF	OR	78,340	75,712
OCHOCO NF	OR	161,200	000
DESCHUTES NF	OR	135,440	57,534
WILLAMETTE NF	OR	55,900	31,080
MOUNT HOOD NF	OR	288,400	74,599
WARM SPRINGS IR	OR	204,500	8,435
OKANOGAN NF	WA	55,500	96,518
COLVILLE NF	WA	3,600	3,562
WENATCHEE NF	WA	5,100	7,828
COLVILLE IR	WA	33,130	37,852
YAKIMA IR	WA	40,700	59,248
OREGON STATE		2,741,400	1,416,681
WASHINGTON STATE		231,620	362,521
R-6 TOTAL		2,973,020	1,779,202

DOUGLAS-FIR BEETLE

		1988		1989	
		ACRES	TREES	ACRES	TREES
WALLOWA-WHITMAN NF	OR	24,900	19,338	54,724	41,217
UMATILLA NF	OR/WA	43,200	63,014	57,341	33,057
MALHEUR NF	OR	44,600	27,320	115,888	53,948
OCHOCO NF	OR	260	170	19,865	7,677
MOUNT HOOD NF	OR	330	165	1,752	390
OKANOGAN NF	WA	3,400	2,815	810	388
WENATCHEE NF	WA	10,700	6,403	1,344	962
OREGON STATE		141,800	125,264	297,236	159,973
WASHINGTON STATE		70,200	51,018	27,022	12,901
R-6 TOTAL		212,000	176,282	324,258	172,874

Pacific Northwest Region Primary Insects Continued

FIR ENGRAVER

		1988		1989	
		ACRES	TREES	ACRES	TREES
WALLOWA-WHITMAN NF	OR	13,700	5,299	30,539	11,912
UMATILLA NF	OR/WA	66,600	24,039	122,975	37,039
MALHEUR NF	OR	3,200	600	121,088	34,991
OCHOCO NF	OR	1,100	395	6,363	4,217
WINEMA NF	OR	2,400	536	24,234	6,874
FREMONT NF	OR	5,700	1,444	64,105	17,182
DESCHUTES NF	OR	2,900	810	8,015	3,727
WENATCHEE NF	WA	21,700	17,164	85,151	98,614
OKANOGAN NF	WA	1,700	1,054	1,257	983
COLVILLE NF	WA	2,800	1,993	11,239	10,789
UMATILLA NF WASH ST ONLY				68,511	19,470
WASHINGTON STATE & PRIVATE				113,500	107,600
WASHINGTON STATE		105,700	57,513	296,518	250,088
OREGON STATE		161,900	56,639	533,988	176,675
R-6 TOTAL		267,600	114,152	830,506	426,763

MOUNTAIN PINE BEETLE, LODGEPOLE PINE

		1988		1989	
		ACRES	TREES	ACRES	TREES
MALHEUR NF	OR	15,800	9,945	13,436	15,888
OCHOCO NF	OR	6,700	20,384	1,536	4,859
DESCHUTES NF	OR	472,200	1,296,791	285,787	280,231
WINEMA NF	OR	248,200	436,440	89,783	57,249
FREMONT NF	OR	130,600	211,287	33,414	14,988
WASHINGTON STATE		76,900	126,920	69,131	163,759
OREGON STATE		1,132,300	2,775,582	575,023	530,847
R-6 TOTAL		1,209,200	2,902,502	644,154	694,606

MOUNTAIN PINE BEETLE, PONDEROSA PINE

		1988		1989	
		ACRES	TREES	ACRES	TREES
MALHEUR NF	OR	9,900	4,305	97,469	43,605
OCHOCO NF	OR	2,100	867	4,886	2,646
DESCHUTES NF	OR	33,200	19,863	24,533	24,237
WINEMA NF	OR	15,200	5,244	12,296	3,099
FREMONT NF	OR	7,500	2,625	37,226	11,367
WASHINGTON STATE		91,600	72,551	103,628	100,494
OREGON STATE		166,100	100,420	300,045	167,240
R-6 TOTAL		257,700	172,971	403,673	267,734

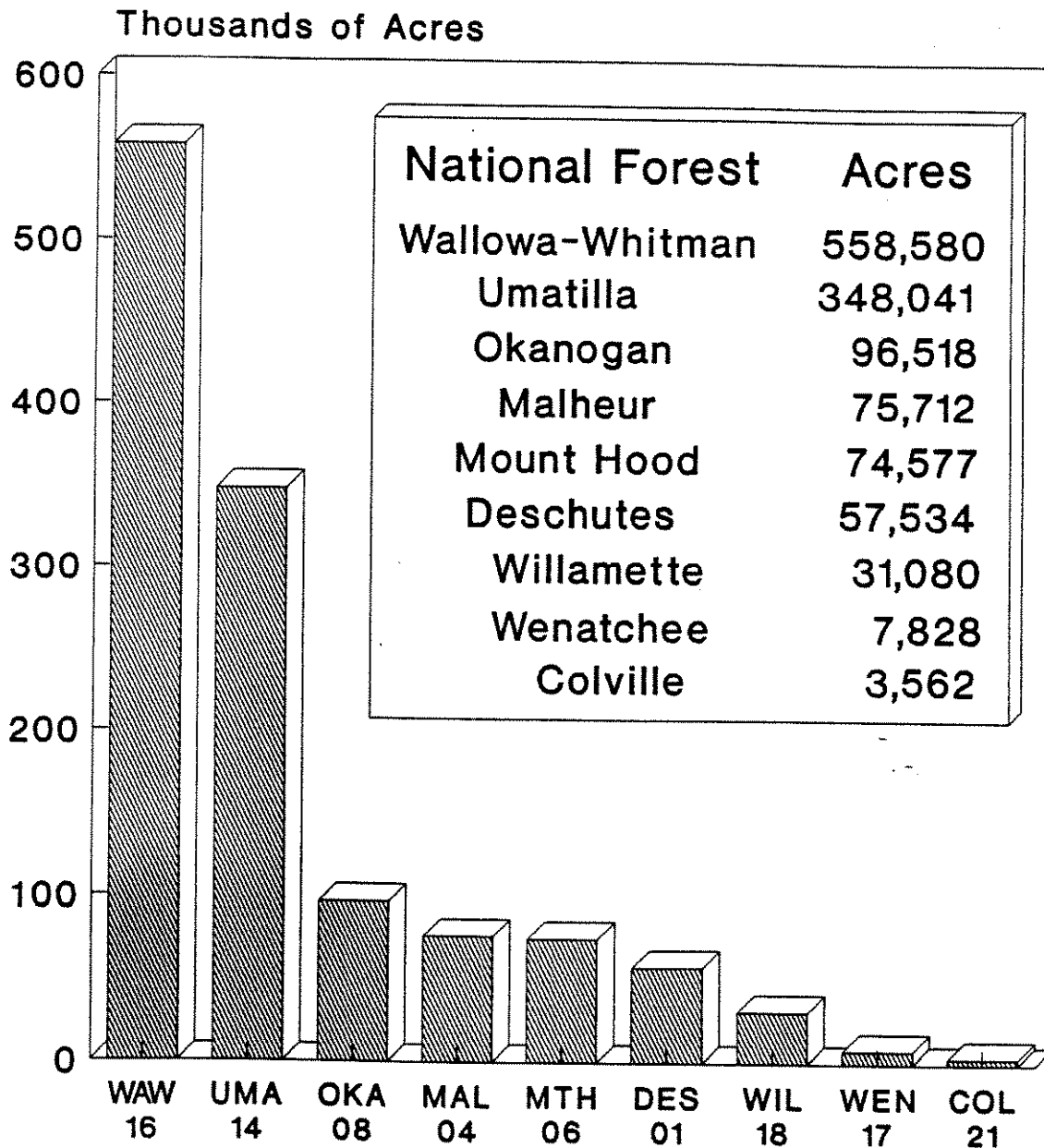
ENGELMANN SPRUCE BEETLE

		1988		1989	
		ACRES	TREES	ACRES	TREES
WALLOWA-WHITMAN NF	OR	67,900	182,174	61,800	110,930
UMATILLA NF	OR	930	273	3,029	857
WASHINGTON STATE		2,700	1,417	2,369	2,163
OREGON STATE		69,600	182,706	65,791	113,095
R-6 TOTAL		72,300	184,123	68,160	115,258

WESTERN PINE BEETLE (LARGE SAW LOGS)

		1988		1989	
		ACRES	TREES	ACRES	TREES
DESCHUTES NF	OR	3,800	478	5,004	530
MALHEUR NF	OR	9,800	1,390	5,721	1,059
WINEMA NF	OR	3,600	743	10,216	1,813
FREMONT NF	OR	1,700	344	16,736	1,728
WASHINGTON STATE		25,500	12,835	57,342	58,552
OREGON STATE		31,100	7,034	90,084	12,654
R-6 TOTAL		56,600	19,869	147,426	71,206

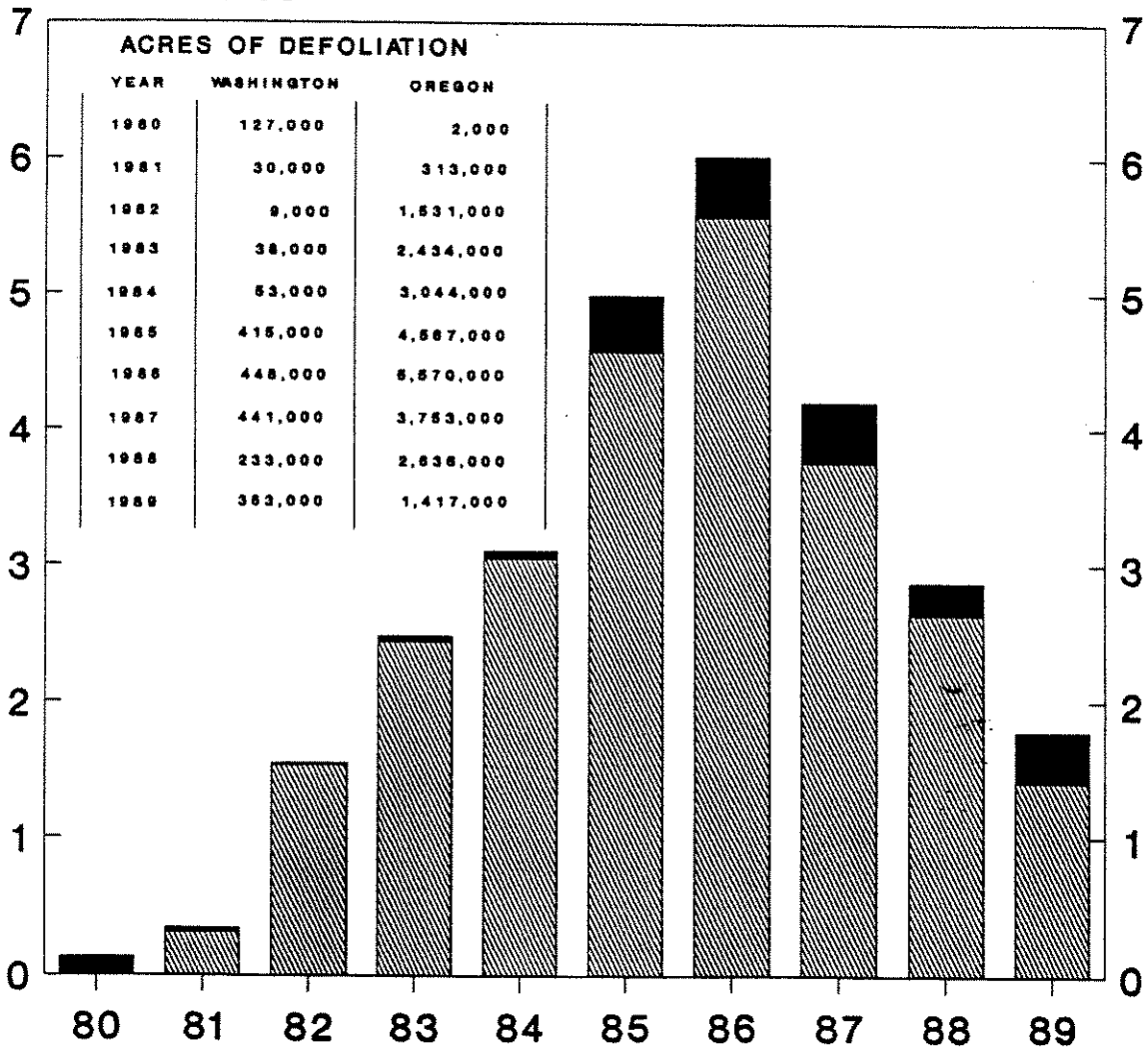
1989 Western Spruce Budworm Defoliation Region Six National Forest Lands



National Forest

Western Spruce Budworm Defoliation Pacific Northwest Region 1980 through 1989

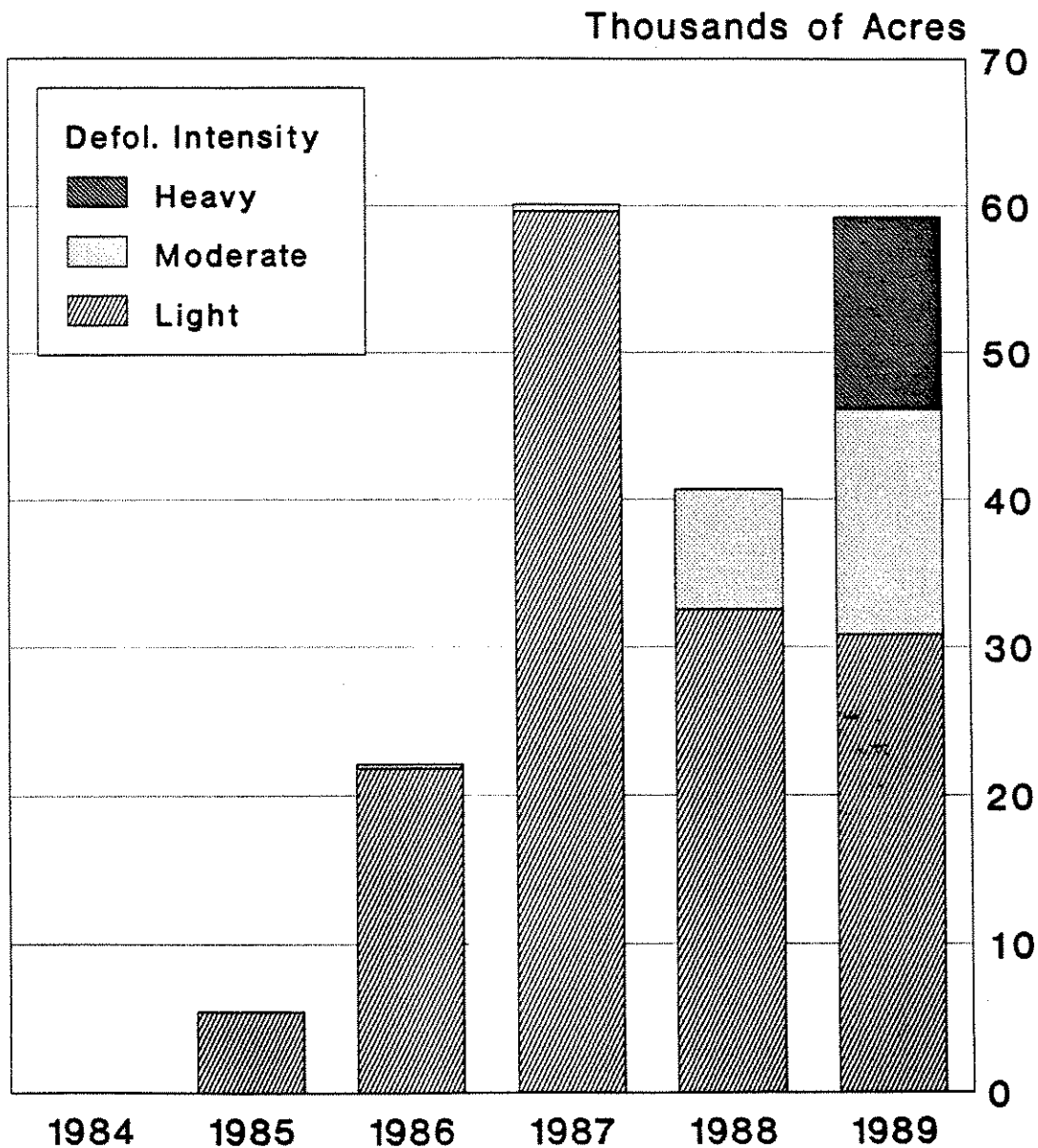
Million acres



Yakima Indian Reservation

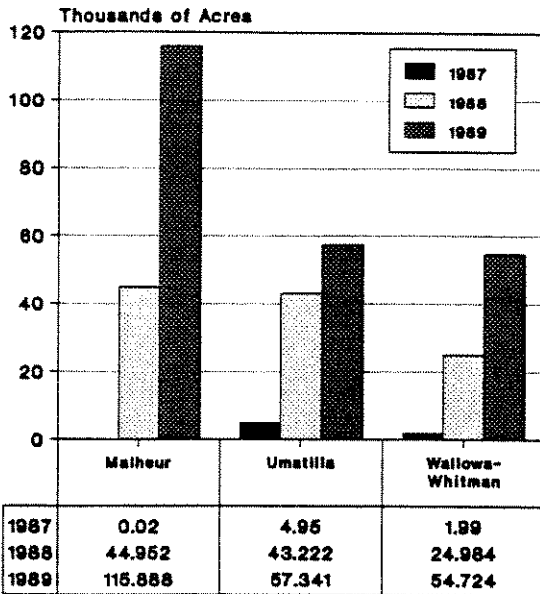
Western Spruce Budworm Defoliation

from Aerial Survey Records



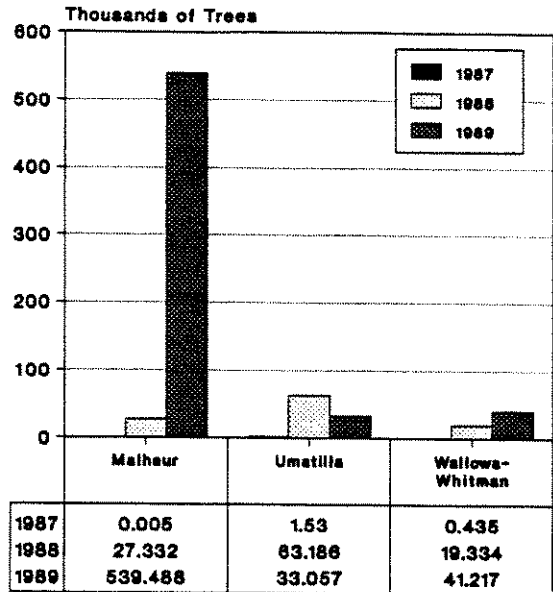
L = visible defol.
 M = visible defol. with some gray tops
 H = visible defol. with gray crowns

Douglas-fir Beetle
Blue Mountain Area 1987 - 1989
Aerial Survey Acres



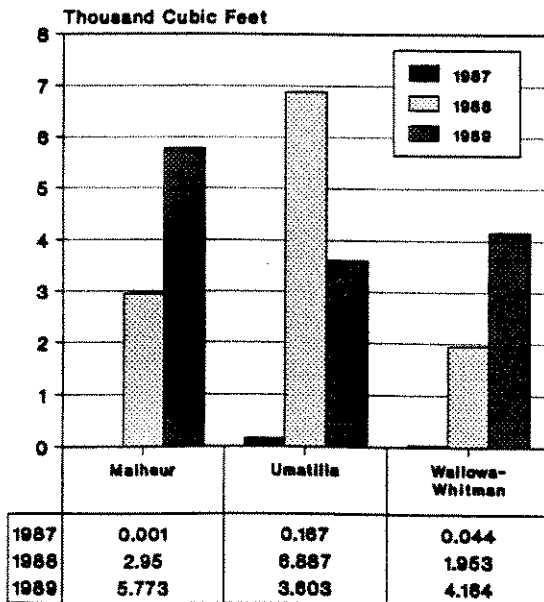
National Forest Lands Only

Douglas-fir Beetle
Blue Mountain Area 1987 - 1989
Aerial Survey Number of Trees



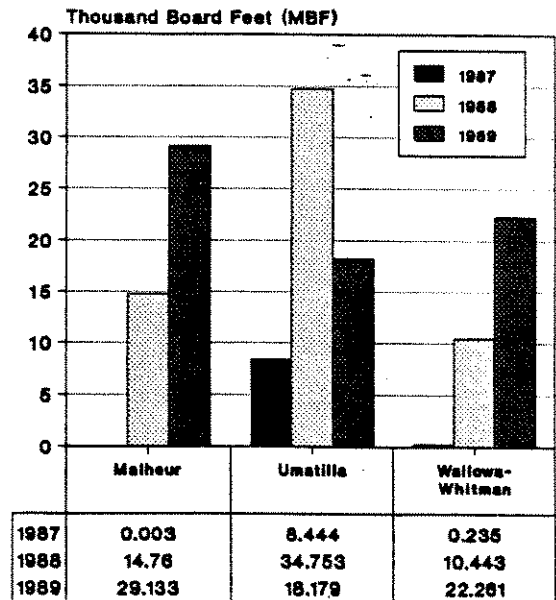
National Forest Lands Only

Douglas-fir Beetle
Blue Mountain Area 1987 - 1989
Thousand Cubic Feet



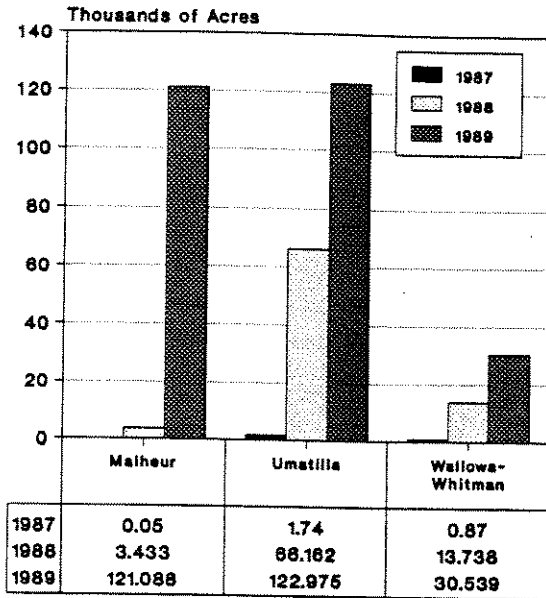
National Forest Lands Only

Douglas-fir Beetle
Blue Mountain Area 1987 - 1989
Thousand Board Feet



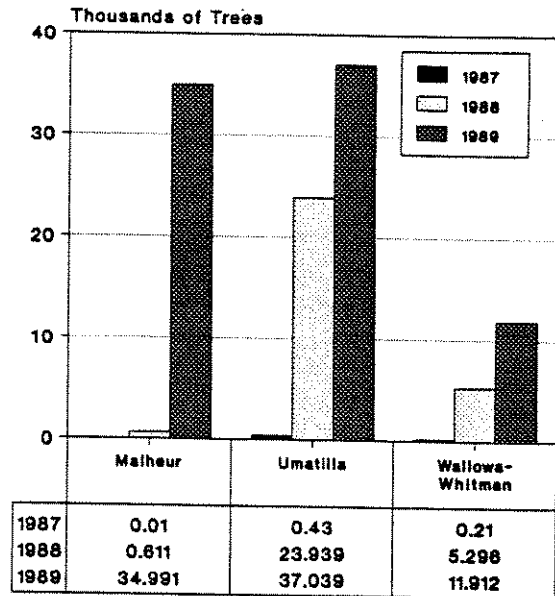
National Forest Lands Only

Fir Engraver
Blue Mountain Area 1987 - 1989
Aerial Survey Acres



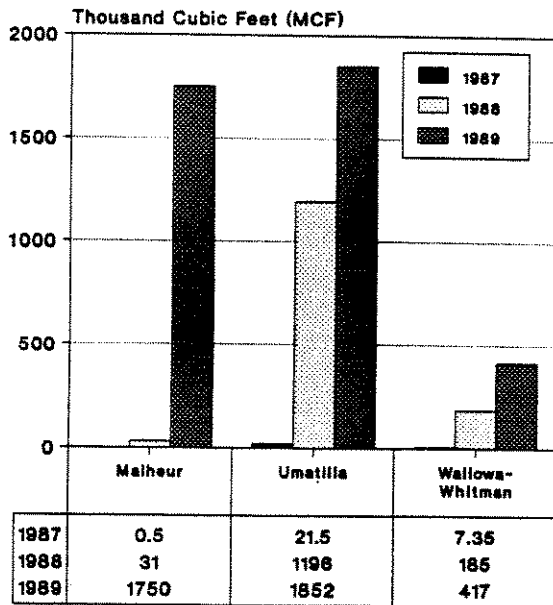
National Forest Lands Only

Fir Engraver
Blue Mountain Area 1987 - 1989
Aerial Survey Number of Trees



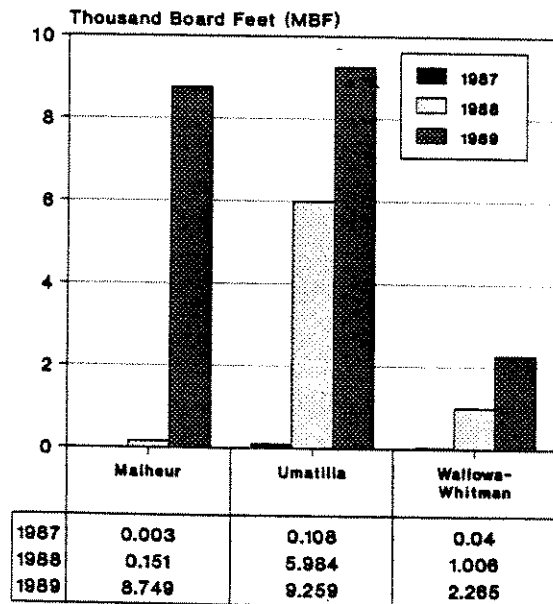
National Forest Lands Only

Fir Engraver
Blue Mountain Area 1987 - 1989
Thousand Cubic Feet



National Forest Lands Only

Fir Engraver
Blue Mountain Area 1987 - 1989
Thousand Board Feet



National Forest Lands Only

1989
Pest Occurrence Summary for the
Pacific Northwest Region
by Reporting Area & Administrative Unit

Report. Area/Admin. Unit	Pest	Severity	Acres affected	Number of trees killed	Volume lost (MCF)	Volume lost (MBF)
DES - BEND RD	DOUGLAS-FIR BEETLE		33.	5.	1.	3.
DES - BEND RD	FIR ENGRAVER		5258.	2987.	257.	1196.
DES - BEND RD	MTN PINE BEETLE, PONDEROSA PI		2994.	843.	14.	67.
DES - BEND RD	MTN PINE BEETLE, WEST WHT PIN		61.	17.	1.	7.
DES - BEND RD	MTN PINE BEETLE, LODGEPOLE PI		64197.	82292.	1235.	5761.
DES - BEND RD	WESTERN PINE BEETLE		562.	116.	20.	91.
DES - BEND RD	CYTOSPORA CANKER	MEDIUM	275.			
DES - CRESCENT RD	FIR ENGRAVER		1868.	447.	38.	179.
DES - CRESCENT RD	MTN PINE BEETLE, PONDEROSA PI		8621.	20771.	353.	1662.
DES - CRESCENT RD	MTN PINE BEETLE, LODGEPOLE PI		88014.	91408.	1371.	6399.
DES - CRESCENT RD	WESTERN PINE BEETLE		1837.	89.	15.	71.
DES - FORT ROCK RD	FIR ENGRAVER		120.	39.	3.	16.
DES - FORT ROCK RD	MTN PINE BEETLE, PONDEROSA PI		12042.	2396.	41.	192.
DES - FORT ROCK RD	MTN PINE BEETLE, LODGEPOLE PI		131431.	105751.	1586.	7403.
DES - FORT ROCK RD	WESTERN PINE BEETLE		1502.	182.	31.	144.
DES - SISTERS RD	DOUGLAS-FIR BEETLE		50.	11.	1.	7.
DES - SISTERS RD	FIR ENGRAVER		769.	254.	22.	101.
DES - SISTERS RD	MTN PINE BEETLE, PONDEROSA PI		876.	227.	4.	18.
DES - SISTERS RD	MTN PINE BEETLE, LODGEPOLE PI		2145.	780.	12.	54.
DES - SISTERS RD	OREGON PINE IPS	LIGHT	13.			
DES - SISTERS RD	OREGON PINE IPS	MEDIUM	26.			
DES - SISTERS RD	WESTERN PINE BEETLE		1103.	143.	24.	114.
DES - SISTERS RD	WESTERN PINE BEETLE, POLE-SIZ		83.	21.	1.	4.
DES - SISTERS RD	WESTERN SPRUCE BUDWORM	CODE 1	15147.			
DES - SISTERS RD	WESTERN SPRUCE BUDWORM	CODE 2	9801.			
DES - SISTERS RD	WESTERN SPRUCE BUDWORM	CODE 3	29280.			
DES - SISTERS RD	WESTERN SPRUCE BUDWORM	CODE 4	3306.			
DES - SISTERS RD	NEEDLE CAST, LARCH	HEAVY	724.			
DES - SISTERS RD	WINTER DAMAGE	HEAVY	68.			
DES - STATE LAND	MTN PINE BEETLE, LODGEPOLE PI		58.	14.	0.	1.
DES - BLM LAND	FIR ENGRAVER		113.	32.	3.	13.
DES - BLM LAND	MTN PINE BEETLE, PONDEROSA PI		195.	99.	2.	8.
DES - BLM LAND	MTN PINE BEETLE, LODGEPOLE PI		31341.	47181.	708.	3303.
DES - PRIVATE LAND	FIR ENGRAVER		1243.	222.	19.	89.
DES - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI		5284.	1191.	20.	95.
DES - PRIVATE LAND	MTN PINE BEETLE, LODGEPOLE PI		68011.	86560.	1298.	6059.
DES - PRIVATE LAND	OREGON PINE IPS	LIGHT	83.			
DES - PRIVATE LAND	OREGON PINE IPS	MEDIUM	48.			
DES - PRIVATE LAND	WESTERN PINE BEETLE		343.	25.	4.	20.
DES - PRIVATE LAND	WESTERN PINE BEETLE, POLE-SIZ		58.	10.	0.	2.
DES - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 1	1240.			
DES - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 2	296.			
DES - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 3	1177.			
DES - PRIVATE LAND	NEEDLE CAST, LARCH	HEAVY	96.			
FRE - BLY RD	FIR ENGRAVER		24778.	6585.	520.	2633.
FRE - BLY RD	MTN PINE BEETLE, PONDEROSA PI		10389.	3484.	56.	279.
FRE - BLY RD	MTN PINE BEETLE, SUGAR PINE		76.	18.	1.	7.
FRE - BLY RD	MTN PINE BEETLE, LODGEPOLE PI		907.	504.	7.	35.
FRE - BLY RD	WESTERN PINE BEETLE		4324.	297.	46.	234.
FRE - LAKEVIEW RD	DOUGLAS-FIR ENGRAVER		35.	0.	0.	0.
FRE - LAKEVIEW RD	FIR ENGRAVER		26349.	7148.	564.	2857.
FRE - LAKEVIEW RD	MTN PINE BEETLE, PONDEROSA PI		24813.	7079.	113.	567.
FRE - LAKEVIEW RD	MTN PINE BEETLE, SUGAR PINE		93.	26.	2.	10.
FRE - LAKEVIEW RD	MTN PINE BEETLE, LODGEPOLE PI		116.	118.	2.	8.
FRE - LAKEVIEW RD	WESTERN PINE BEETLE		11533.	1228.	193.	970.

FRE - PAISLEY RD	FIR ENGRAVER					
FRE - PAISLEY RD	MTN PINE BEETLE, PONDEROSA PI	11829.	3084.	244.	12	
FRE - PAISLEY RD	MTN PINE BEETLE, LODGEPOLE PI	968.	483.	8.		
FRE - PAISLEY RD	WESTERN PINE BEETLE	1844.	1059.	15.		
		545.	144.	23.	1	
FRE - SILVER LK RD	FIR ENGRAVER					
FRE - SILVER LK RD	MTN PINE BEETLE, PONDEROSA PI	1149.	365.	29.	14	
FRE - SILVER LK RD	MTN PINE BEETLE, LODGEPOLE PI	1056.	321.	5.	2	
FRE - SILVER LK RD	WESTERN PINE BEETLE	30547.	13307.	186.	93	
		334.	59.	9.	4	
FRE - STATE LAND	FIR ENGRAVER					
FRE - STATE LAND	MTN PINE BEETLE, PONDEROSA PI	196.	64.	5.	2	
FRE - STATE LAND	MTN PINE BEETLE, SUGAR PINE	160.	120.	2.	1	
		15.	6.	0.		
FRE - BLM LAND	FIR ENGRAVER					
FRE - BLM LAND	MTN PINE BEETLE, PONDEROSA PI	570.	171.	13.	6	
FRE - BLM LAND	MTN PINE BEETLE, LODGEPOLE PI	1233.	426.	7.	3	
FRE - BLM LAND	WESTERN PINE BEETLE	60.	36.	1.		
		289.	41.	7.	3	
FRE - PRIVATE LAND	DOUGLAS-FIR BEETLE	53.	10.	1.		
FRE - PRIVATE LAND	DOUGLAS-FIR ENGRAVER	162.	0.	0.		
FRE - PRIVATE LAND	FIR ENGRAVER	28973.	7909.	624.	315	
FRE - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI	16478.	6133.	98.	49	
FRE - PRIVATE LAND	MTN PINE BEETLE, LODGEPOLE PI	15241.	8228.	115.	57	
FRE - PRIVATE LAND	WESTERN PINE BEETLE	4072.	304.	48.	24	
GIP - MT.ST.HELENS	FIR ENGRAVER					
GIP - MT.ST.HELENS	BALSAM WOOLLY ADELGID	136.	38.	3.	15	
GIP - MT.ST.HELENS	BEAR	477.				
		43.				
GIP - MT. ADAMS RD	DOUGLAS-FIR BEETLE					
GIP - MT. ADAMS RD	FIR ENGRAVER	403.	195.	38.	164	
GIP - MT. ADAMS RD	MTN PINE BEETLE, WEST WHT PIN	715.	525.	48.	210	
GIP - MT. ADAMS RD	MTN PINE BEETLE, LODGEPOLE PI	210.	57.	7.	30	
		532.	202.	3.	14	
GIP - PACKWOOD RD	MTN PINE BEETLE, WEST WHT PIN					
GIP - PACKWOOD RD	BALSAM WOOLLY ADELGID	229.	97.	12.	52	
GIP - PACKWOOD RD	WINTER DAMAGE	2359.				
GIP - PACKWOOD RD	WIND	260.				
		127.	0.	0.	0	
GIP - RANDLE RD	DOUGLAS-FIR BEETLE					
GIP - RANDLE RD	BALSAM WOOLLY ADELGID	43.	15.	3.	12	
GIP - RANDLE RD	BALSAM WOOLLY ADELGID	1296.				
		135.				
GIP - WIND RIVER RD	DOUGLAS-FIR BEETLE					
GIP - WIND RIVER RD	FIR ENGRAVER	84.	22.	4.	19	
GIP - WIND RIVER RD	BALSAM WOOLLY ADELGID	80.	10.	1.	4	
GIP - WIND RIVER RD	BEAR	68.				
GIP - WIND RIVER RD	BEAR	73.				
		218.				
GIP - STATE LAND	DOUGLAS-FIR BEETLE					
GIP - STATE LAND	MTN PINE BEETLE, PONDEROSA PI	261.	141.	27.	120.	
GIP - STATE LAND	MTN PINE BEETLE, WEST WHT PIN	63.	28.	0.	2	
GIP - STATE LAND	WESTERN PINE BEETLE	23.	33.	4.	18.	
GIP - STATE LAND	BEAR	110.	7.	1.	4	
GIP - STATE LAND	BEAR	232.				
GIP - STATE LAND	BEAR	79.				
		165.				
GIP - PRIVATE LAND	DOUGLAS-FIR BEETLE					
GIP - PRIVATE LAND	FIR ENGRAVER	179.	69.	13.	58.	
GIP - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI	278.	125.	11.	50.	
GIP - PRIVATE LAND	MTN PINE BEETLE, WEST WHT PIN	210.	172.	2.	10.	
GIP - PRIVATE LAND	WESTERN PINE BEETLE	18.	5.	1.	3.	
GIP - PRIVATE LAND	BALSAM WOOLLY ADELGID	265.	33.	4.	18.	
GIP - PRIVATE LAND	BEAR	45.				
GIP - PRIVATE LAND	BEAR	1617.				
GIP - PRIVATE LAND	BEAR	1392.				
		1739.				
MAL - BEAR VALLEY RD	DOUGLAS-FIR BEETLE					
MAL - BEAR VALLEY RD	FIR ENGRAVER	45418.	18337.	1962.	9900.	
MAL - BEAR VALLEY RD	MTN PINE BEETLE, PONDEROSA PI	14504.	4263.	213.	1066.	
MAL - BEAR VALLEY RD	MTN PINE BEETLE, LODGEPOLE PI	21127.	7712.	77.	385.	
MAL - BEAR VALLEY RD	MTN PINE BEETLE, WHITEBARK PI	1360.	942.	13.	66.	
MAL - BEAR VALLEY RD	OREGON PINE IPS	152.	50.	0.	2.	
		782.				

MAL - BEAR VALLEY RD	OREGON PINE IPS	HEAVY	101.				
MAL - BEAR VALLEY RD	WESTERN PINE BEETLE		1517.	315.	45.	227.	
MAL - BEAR VALLEY RD	WESTERN SPRUCE BUDWORM	CODE 1	23.				
MAL - BEAR VALLEY RD	WESTERN SPRUCE BUDWORM	CODE 2	22752.				
MAL - BEAR VALLEY RD	WESTERN SPRUCE BUDWORM	CODE 3	2475.				
MAL - BURNS RD	DOUGLAS-FIR BEETLE		6912.	2262.	242.	1220.	
MAL - BURNS RD	FIR ENGRAVER		24456.	7865.	393.	1967.	
MAL - BURNS RD	MTN PINE BEETLE, PONDEROSA PI		30586.	17029.	170.	851.	
MAL - BURNS RD	MTN PINE BEETLE, LODGEPOLE PI		993.	396.	6.	28.	
MAL - BURNS RD	OREGON PINE IPS		110.	10.	0.	0.	
MAL - BURNS RD	OREGON PINE IPS	MEDIUM	335.				
MAL - BURNS RD	WESTERN PINE BEETLE		1232.	251.	36.	182.	
MAL - LONG CREEK RD	DOUGLAS-FIR BEETLE		51499.	27620.	2956.	14918.	
MAL - LONG CREEK RD	ENGELMANN SPRUCE BEETLE		131.	72.	2.	11.	
MAL - LONG CREEK RD	FIR ENGRAVER		18500.	4711.	236.	1178.	
MAL - LONG CREEK RD	MTN PINE BEETLE, PONDEROSA PI		4563.	3147.	31.	158.	
MAL - LONG CREEK RD	WESTERN PINE BEETLE		271.	89.	13.	63.	
MAL - LONG CREEK RD	WESTERN SPRUCE BUDWORM	CODE 1	1965.				
MAL - LONG CREEK RD	WESTERN SPRUCE BUDWORM	CODE 2	36512.				
MAL - LONG CREEK RD	WESTERN SPRUCE BUDWORM	CODE 3	5495.				
MAL - LONG CREEK RD	WESTERN SPRUCE BUDWORM	CODE 4	327.				
MAL - PRAIRIE CY RD	DOUGLAS-FIR BEETLE		12059.	5729.	613.	3095.	
MAL - PRAIRIE CY RD	FIR ENGRAVER		63628.	18152.	908.	4538.	
MAL - PRAIRIE CY RD	MTN PINE BEETLE, PONDEROSA PI		41193.	15717.	157.	786.	
MAL - PRAIRIE CY RD	MTN PINE BEETLE, LODGEPOLE PI		11083.	14550.	204.	1018.	
MAL - PRAIRIE CY RD	WESTERN PINE BEETLE		2701.	404.	58.	293.	
MAL - PRAIRIE CY RD	WESTERN SPRUCE BUDWORM	CODE 1	670.				
MAL - PRAIRIE CY RD	WESTERN SPRUCE BUDWORM	CODE 2	5493.				
MAL - STATE LAND	DOUGLAS-FIR BEETLE		493.	455.	49.	246.	
MAL - STATE LAND	FIR ENGRAVER		15.	4.	0.	1.	
MAL - STATE LAND	MTN PINE BEETLE, PONDEROSA PI		3.	3.	0.	0.	
MAL - BLM LAND	DOUGLAS-FIR BEETLE		1768.	976.	104.	526.	
MAL - BLM LAND	FIR ENGRAVER		841.	251.	12.	62.	
MAL - BLM LAND	MTN PINE BEETLE, PONDEROSA PI		2780.	1696.	17.	85.	
MAL - BLM LAND	MTN PINE BEETLE, LODGEPOLE PI		8.	4.	0.	0.	
MAL - BLM LAND	WESTERN PINE BEETLE		78.	41.	6.	29.	
MAL - BLM LAND	WESTERN SPRUCE BUDWORM	CODE 2	915.				
MAL - BLM LAND	WESTERN SPRUCE BUDWORM	CODE 3	13.				
MAL - PRIVATE LAND	DOUGLAS-FIR BEETLE		18741.	12066.	1291.	6517.	
MAL - PRIVATE LAND	FIR ENGRAVER		9736.	3094.	155.	774.	
MAL - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI		13443.	9287.	93.	464.	
MAL - PRIVATE LAND	MTN PINE BEETLE, LODGEPOLE PI		1218.	2064.	29.	144.	
MAL - PRIVATE LAND	WESTERN PINE BEETLE		153.	74.	11.	53.	
MAL - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 1	685.				
MAL - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 2	2469.				
MAL - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 3	300.				
MAL - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 4	135.				
MBS - MT. BAKER RD	DOUGLAS-FIR BEETLE		111.	27.	6.	27.	
MBS - MT. BAKER RD	FIR ENGRAVER		396.	547.	51.	219.	
MBS - MT. BAKER RD	MTN PINE BEETLE, WEST WHT PIN		1794.	744.	78.	335.	
MBS - MT. BAKER RD	BALSAM WOOLLY ADELGID	LIGHT	2349.				
MBS - MT. BAKER RD	BALSAM WOOLLY ADELGID	MEDIUM	65.				
MBS - MT. BAKER RD	WATER DAMAGE		28.	0.	0.	0.	
MBS - MT. BAKER RD	WIND		28.	0.	0.	0.	
MBS - DARRINGTON RD	ENGELMANN SPRUCE BEETLE		88.	1075.	62.	269.	
MBS - DARRINGTON RD	MTN PINE BEETLE, WEST WHT PIN		376.	174.	18.	78.	
MBS - DARRINGTON RD	BALSAM WOOLLY ADELGID	LIGHT	940.				
MBS - DARRINGTON RD	BALSAM WOOLLY ADELGID	MEDIUM	200.				
MBS - DARRINGTON RD	BALSAM WOOLLY ADELGID	HEAVY	1687.				
MBS - DARRINGTON RD	BEAR	LIGHT	320.				
MBS - NORTH BEND RD	DOUGLAS-FIR BEETLE		86.	36.	8.	35.	
MBS - NORTH BEND RD	MTN PINE BEETLE, WEST WHT PIN		136.	52.	5.	24.	
MBS - NORTH BEND RD	BALSAM WOOLLY ADELGID	LIGHT	1605.				
MBS - NORTH BEND RD	BALSAM WOOLLY ADELGID	MEDIUM	257.				
MBS - NORTH BEND RD	BALSAM WOOLLY ADELGID	HEAVY	135.				
MBS - NORTH BEND RD	BEAR	LIGHT	18.				

MBS - NORTH BEND RD	BEAR	MEDIUM	20.			
MBS - NORTH BEND RD	WINTER DAMAGE	MEDIUM	230.			
MBS - SKYKOMISH RD	MTN PINE BEETLE, WEST WHT PIN		74.	17.	2.	7.
MBS - SKYKOMISH RD	BALSAM WOOLLY ADELGID	LIGHT	1451.			
MBS - SKYKOMISH RD	BALSAM WOOLLY ADELGID	MEDIUM	205.			
MBS - SKYKOMISH RD	BEAR	MEDIUM	13.			
MBS - WHITE RIVER RD	DOUGLAS-FIR BEETLE		13.	6.	1.	6.
MBS - WHITE RIVER RD	ENGELMANN SPRUCE BEETLE		68.	19.	1.	5.
MBS - WHITE RIVER RD	MTN PINE BEETLE, WEST WHT PIN		130.	28.	3.	13.
MBS - WHITE RIVER RD	BALSAM WOOLLY ADELGID	LIGHT	183.			
MBS - STATE LAND	DOUGLAS-FIR BEETLE		18.	4.	1.	3.
MBS - STATE LAND	BALSAM WOOLLY ADELGID	LIGHT	3.			
MBS - STATE LAND	BEAR	LIGHT	320.			
MBS - STATE LAND	BEAR	MEDIUM	235.			
MBS - STATE LAND	WIND		18.	0.	0.	0.
MBS - PRIVATE LAND	DOUGLAS-FIR BEETLE		108.	44.	10.	42.
MBS - PRIVATE LAND	FIR ENGRAVER		3.	2.	0.	1.
MBS - PRIVATE LAND	MTN PINE BEETLE, WEST WHT PIN		81.	17.	2.	8.
MBS - PRIVATE LAND	BALSAM WOOLLY ADELGID	LIGHT	739.			
MBS - PRIVATE LAND	BALSAM WOOLLY ADELGID	MEDIUM	91.			
MBS - PRIVATE LAND	BALSAM WOOLLY ADELGID	HEAVY	48.			
MBS - PRIVATE LAND	BEAR	LIGHT	1278.			
MBS - PRIVATE LAND	BEAR	MEDIUM	795.			
MBS - PRIVATE LAND	BEAR	HEAVY	234.			
MBS - PRIVATE LAND	WINTER DAMAGE	MEDIUM	38.			
MBS - PRIVATE LAND	WIND		23.	0.	0.	0.
MTH - BARLOW RD	DOUGLAS-FIR BEETLE		621.	173.	51.	224.
MTH - BARLOW RD	FIR ENGRAVER		267.	64.	6.	25.
MTH - BARLOW RD	MTN PINE BEETLE, PONDEROSA PI		40.	12.	0.	1.
MTH - BARLOW RD	OREGON PINE IPS	LIGHT	66.			
MTH - BARLOW RD	WESTERN PINE BEETLE, POLE-SIZ		406.	74.	3.	13.
MTH - BARLOW RD	WESTERN SPRUCE BUDWORM	CODE 2	7074.			
MTH - BARLOW RD	WESTERN SPRUCE BUDWORM	CODE 3	7345.			
MTH - BEAR SPR. RD	DOUGLAS-FIR BEETLE		70.	15.	4.	19.
MTH - BEAR SPR. RD	FIR ENGRAVER		159.	38.	4.	15.
MTH - BEAR SPR. RD	WESTERN PINE BEETLE		28.	5.	1.	5.
MTH - BEAR SPR. RD	WESTERN SPRUCE BUDWORM	CODE 1	2838.			
MTH - BEAR SPR. RD	WESTERN SPRUCE BUDWORM	CODE 2	12187.			
MTH - BEAR SPR. RD	WESTERN SPRUCE BUDWORM	CODE 3	3438.			
MTH - CLACKAMAS RD	DOUGLAS-FIR BEETLE		73.	10.	3.	13.
MTH - CLACKAMAS RD	MTN PINE BEETLE, LODGEPOLE PI		208.	99.	1.	6.
MTH - CLACKAMAS RD	WESTERN SPRUCE BUDWORM	CODE 1	1779.			
MTH - CLACKAMAS RD	WESTERN SPRUCE BUDWORM	CODE 2	6340.			
MTH - CLACKAMAS RD	WESTERN SPRUCE BUDWORM	CODE 3	1858.			
MTH - CLACKAMAS RD	WINTER DAMAGE	MEDIUM	505.			
MTH - COLUMBIA GORGE RD	DOUGLAS-FIR ENGRAVER		142.	5.	0.	0.
MTH - COLUMBIA GORGE RD	FIR ENGRAVER		78.	10.	1.	4.
MTH - COLUMBIA GORGE RD	BEAR	LIGHT	68.			
MTH - COLUMBIA GORGE RD	BEAR	MEDIUM	157.			
MTH - COLUMBIA GORGE RD	BEAR	HEAVY	339.			
MTH - ESTACADA RD	DOUGLAS-FIR BEETLE		402.	58.	17.	76.
MTH - ESTACADA RD	FIR ENGRAVER		185.	48.	4.	19.
MTH - ESTACADA RD	SILVER FIR BEETLE		95.	24.	4.	18.
MTH - ESTACADA RD	WESTERN SPRUCE BUDWORM	CODE 1	1051.			
MTH - ESTACADA RD	WESTERN SPRUCE BUDWORM	CODE 2	3575.			
MTH - ESTACADA RD	WESTERN SPRUCE BUDWORM	CODE 3	5838.			
MTH - ESTACADA RD	WINTER DAMAGE	MEDIUM	267.			
MTH - ESTACADA RD	WIND		63.	0.	0.	0.
MTH - HOOD RIVER RD	DOUGLAS-FIR BEETLE		214.	63.	18.	80.
MTH - HOOD RIVER RD	DOUGLAS-FIR ENGRAVER		58.	11.	0.	1.
MTH - HOOD RIVER RD	FIR ENGRAVER		204.	41.	4.	16.
MTH - HOOD RIVER RD	FLATHEADED BORER		25.	6.	0.	0.
MTH - HOOD RIVER RD	MTN PINE BEETLE, WHITEBARK PI		554.	186.	2.	7.
MTH - HOOD RIVER RD	WESTERN SPRUCE BUDWORM	CODE 1	2498.			
MTH - HOOD RIVER RD	WESTERN SPRUCE BUDWORM	CODE 2	5224.			

MTH - HOOD RIVER RD	WINTER DAMAGE	MEDIUM	24.				
MTH - ZIGZAG RD	DOUGLAS-FIR BEETLE						
MTH - ZIGZAG RD	SILVER FIR BEETLE		372.	71.	21.	91.	
MTH - ZIGZAG RD	WESTERN SPRUCE BUDWORM		63.	45.	8.	34.	
MTH - ZIGZAG RD	WESTERN SPRUCE BUDWORM	CODE 1	2432.				
MTH - ZIGZAG RD	WESTERN SPRUCE BUDWORM	CODE 2	5829.				
MTH - ZIGZAG RD	WESTERN SPRUCE BUDWORM	CODE 3	5293.				
MTH - ZIGZAG RD	WINTER DAMAGE	MEDIUM	190.				
MTH - STATE LAND-OR	MTN PINE BEETLE, PONDEROSA PI		45.	15.	0.	1.	
MTH - BLM LAND	DOUGLAS-FIR ENGRAVER		5.	1.	0.	0.	
MTH - BLM LAND	FIR ENGRAVER		76.	16.	2.	7.	
MTH - BLM LAND	MTN PINE BEETLE, PONDEROSA PI		66.	8.	0.	0.	
MTH - BLM LAND	WESTERN PINE BEETLE, POLE-SIZ		23.	11.	0.	2.	
MTH - BLM LAND	BEAR	LIGHT	91.				
MTH - BLM LAND	BEAR	MEDIUM	133.				
MTH - BLM LAND	BEAR	HEAVY	181.				
MTH - BLM LAND	WINTER DAMAGE	LIGHT	70.				
MTH - BLM LAND	WINTER DAMAGE	MEDIUM	382.				
MTH - PRIVATE LAND	DOUGLAS-FIR BEETLE		1028.	211.	62.	273.	
MTH - PRIVATE LAND	DOUGLAS-FIR ENGRAVER		246.	36.	1.	2.	
MTH - PRIVATE LAND	FIR ENGRAVER		673.	188.	17.	76.	
MTH - PRIVATE LAND	FLATHEADED BORER		158.	78.	1.	5.	
MTH - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI		1490.	427.	5.	21.	
MTH - PRIVATE LAND	OREGON PINE IPS	LIGHT	714.				
MTH - PRIVATE LAND	OREGON PINE IPS	MEDIUM	217.				
MTH - PRIVATE LAND	WESTERN PINE BEETLE		268.	54.	11.	46.	
MTH - PRIVATE LAND	WESTERN PINE BEETLE, POLE-SIZ		2234.	572.	23.	99.	
MTH - PRIVATE LAND	SILVER FIR BEETLE		152.	10.	2.	8.	
MTH - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 1	43.				
MTH - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 2	68.				
MTH - PRIVATE LAND	BEAR	LIGHT	279.				
MTH - PRIVATE LAND	BEAR	MEDIUM	1041.				
MTH - PRIVATE LAND	BEAR	HEAVY	417.				
MTH - PRIVATE LAND	WINTER DAMAGE	MEDIUM	98.				
OCH - BIG SUMMIT RD	DOUGLAS-FIR BEETLE		4512.	1854.	198.	1001.	
OCH - BIG SUMMIT RD	FIR ENGRAVER		2976.	1242.	62.	311.	
OCH - BIG SUMMIT RD	MTN PINE BEETLE, PONDEROSA PI		150.	161.	2.	8.	
OCH - BIG SUMMIT RD	OREGON PINE IPS	LIGHT	18.				
OCH - BIG SUMMIT RD	OREGON PINE IPS	MEDIUM	98.				
OCH - BIG SUMMIT RD	WESTERN PINE BEETLE		157.	42.	7.	33.	
OCH - PAULINA RD	DOUGLAS-FIR BEETLE		13654.	5136.	550.	2773.	
OCH - PAULINA RD	FIR ENGRAVER		601.	489.	25.	123.	
OCH - PAULINA RD	MTN PINE BEETLE, PONDEROSA PI		484.	293.	3.	15.	
OCH - PAULINA RD	OREGON PINE IPS	MEDIUM	30.				
OCH - PAULINA RD	WESTERN PINE BEETLE		100.	33.	5.	25.	
OCH - PRINEVILLE RD	DOUGLAS-FIR BEETLE		1699.	687.	74.	372.	
OCH - PRINEVILLE RD	FIR ENGRAVER		733.	233.	12.	58.	
OCH - PRINEVILLE RD	MTN PINE BEETLE, PONDEROSA PI		533.	446.	4.	22.	
OCH - PRINEVILLE RD	MTN PINE BEETLE, LODGEPOLE PI		1536.	4859.	58.	292.	
OCH - PRINEVILLE RD	OREGON PINE IPS	MEDIUM	13.				
OCH - PRINEVILLE RD	WESTERN PINE BEETLE		256.	88.	14.	69.	
OCH - SNOW MTN. RD	FIR ENGRAVER		2053.	2253.	113.	563.	
OCH - SNOW MTN. RD	MTN PINE BEETLE, PONDEROSA PI		3719.	1746.	17.	87.	
OCH - SNOW MTN. RD	OREGON PINE IPS	LIGHT	130.				
OCH - SNOW MTN. RD	OREGON PINE IPS	MEDIUM	208.				
OCH - SNOW MTN. RD	OREGON PINE IPS	HEAVY	494.				
OCH - SNOW MTN. RD	WESTERN PINE BEETLE		611.	145.	23.	115.	
OCH - BLM LAND	DOUGLAS-FIR BEETLE		154.	77.	8.	42.	
OCH - BLM LAND	FIR ENGRAVER		434.	156.	8.	39.	
OCH - BLM LAND	MTN PINE BEETLE, PONDEROSA PI		360.	396.	4.	20.	
OCH - BLM LAND	OREGON PINE IPS	MEDIUM	13.				
OCH - BLM LAND	WESTERN PINE BEETLE		18.	10.	2.	8.	
OCH - PRIVATE LAND	DOUGLAS-FIR BEETLE		1264.	458.	49.	246.	
OCH - PRIVATE LAND	FIR ENGRAVER		1353.	574.	29.	144.	
OCH - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI		1920.	1758.	18.	88.	
OCH - PRIVATE LAND	OREGON PINE IPS	LIGHT	45.				

OCH - PRIVATE LAND	OREGON PINE IPS	MEDIUM	70.				
OCH - PRIVATE LAND	WESTERN PINE BEETLE		128.	38.	6.	30.	
OKA - TONASKET RD	DOUGLAS-FIR BEETLE		231.	131.	15.	72.	
OKA - TONASKET RD	FIR ENGRAVER		988.	809.	42.	202.	
OKA - TONASKET RD	MTN PINE BEETLE, PONDEROSA PI		597.	940.	9.	47.	
OKA - TONASKET RD	MTN PINE BEETLE, LODGEPOLE PI		20568.	84190.	1179.	5893.	
OKA - TONASKET RD	WESTERN PINE BEETLE		1817.	972.	110.	535.	
OKA - TONASKET RD	WESTERN SPRUCE BUDWORM	LIGHT	92865.				
OKA - TONASKET RD	WESTERN SPRUCE BUDWORM	MEDIUM	1494.				
OKA - TWISP RD	DOUGLAS-FIR BEETLE		118.	56.	6.	31.	
OKA - TWISP RD	FIR ENGRAVER		146.	109.	6.	27.	
OKA - TWISP RD	MTN PINE BEETLE, PONDEROSA PI		702.	848.	8.	42.	
OKA - TWISP RD	MTN PINE BEETLE, LODGEPOLE PI		90.	50.	1.	4.	
OKA - TWISP RD	OREGON PINE IPS	LIGHT	20.				
OKA - TWISP RD	WESTERN PINE BEETLE		413.	436.	49.	240.	
OKA - TWISP RD	WESTERN SPRUCE BUDWORM	LIGHT	2159.				
OKA - WINTHROP RD	DOUGLAS-FIR BEETLE		461.	201.	23.	111.	
OKA - WINTHROP RD	ENGELMANN SPRUCE BEETLE		313.	134.	7.	34.	
OKA - WINTHROP RD	FIR ENGRAVER		123.	65.	3.	16.	
OKA - WINTHROP RD	MTN PINE BEETLE, PONDEROSA PI		68.	19.	0.	1.	
OKA - WINTHROP RD	MTN PINE BEETLE, WEST WHT PIN		239.	81.	9.	43.	
OKA - WINTHROP RD	MTN PINE BEETLE, LODGEPOLE PI		1314.	5175.	72.	362.	
OKA - WINTHROP RD	WESTERN PINE BEETLE		76.	26.	3.	14.	
OKA - STATE LAND	DOUGLAS-FIR BEETLE		204.	73.	8.	40.	
OKA - STATE LAND	ENGELMANN SPRUCE BEETLE		141.	84.	4.	21.	
OKA - STATE LAND	FIR ENGRAVER		164.	80.	4.	20.	
OKA - STATE LAND	MTN PINE BEETLE, PONDEROSA PI		535.	440.	4.	22.	
OKA - STATE LAND	MTN PINE BEETLE, LODGEPOLE PI		6489.	11012.	154.	771.	
OKA - STATE LAND	WESTERN PINE BEETLE		989.	850.	96.	468.	
OKA - STATE LAND	WESTERN SPRUCE BUDWORM	LIGHT	22205.				
OKA - STATE LAND	WESTERN SPRUCE BUDWORM	MEDIUM	358.				
OKA - BLM LAND	DOUGLAS-FIR BEETLE		35.	10.	1.	6.	
OKA - BLM LAND	MTN PINE BEETLE, PONDEROSA PI		38.	17.	0.	1.	
OKA - BLM LAND	MTN PINE BEETLE, LODGEPOLE PI		61.	47.	1.	3.	
OKA - BLM LAND	WESTERN SPRUCE BUDWORM	LIGHT	4510.				
OKA - PRIVATE LAND	DOUGLAS-FIR BEETLE		169.	84.	9.	46.	
OKA - PRIVATE LAND	FIR ENGRAVER		93.	110.	6.	28.	
OKA - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI		4877.	7751.	78.	387.	
OKA - PRIVATE LAND	MTN PINE BEETLE, LODGEPOLE PI		2586.	10662.	149.	746.	
OKA - PRIVATE LAND	WESTERN PINE BEETLE		3941.	5017.	567.	2760.	
OKA - PRIVATE LAND	WESTERN SPRUCE BUDWORM	LIGHT	62755.				
OKA - PRIVATE LAND	WESTERN SPRUCE BUDWORM	MEDIUM	1701.				
OLY - HOOD CANAL RD	MTN PINE BEETLE, WEST WHT PIN		30.	3.	0.	1.	
OLY - HOOD CANAL RD	BALSAM WOOLLY ADELGID	LIGHT	1129.				
OLY - HOOD CANAL RD	BALSAM WOOLLY ADELGID	MEDIUM	303.				
OLY - HOOD CANAL RD	BALSAM WOOLLY ADELGID	HEAVY	529.				
OLY - HOOD CANAL RD	BEAR	MEDIUM	375.				
OLY - HOOD CANAL RD	WATER DAMAGE		232.	0.	0.	0.	
OLY - HOOD CANAL RD	WIND		170.	0.	0.	0.	
OLY - QUILCENE RD	DOUGLAS-FIR BEETLE		413.	67.	15.	65.	
OLY - QUILCENE RD	MTN PINE BEETLE, WEST WHT PIN		98.	23.	3.	11.	
OLY - QUILCENE RD	BALSAM WOOLLY ADELGID	LIGHT	1257.				
OLY - QUILCENE RD	BALSAM WOOLLY ADELGID	MEDIUM	145.				
OLY - QUILCENE RD	BALSAM WOOLLY ADELGID	HEAVY	432.				
OLY - QUILCENE RD	BEAR	LIGHT	160.				
OLY - QUINAULT RD	DOUGLAS-FIR BEETLE		921.	192.	43.	186.	
OLY - QUINAULT RD	FIR ENGRAVER		255.	20.	1.	6.	
OLY - QUINAULT RD	MTN PINE BEETLE, WEST WHT PIN		1656.	371.	41.	178.	
OLY - QUINAULT RD	BEAR	LIGHT	391.				
OLY - QUINAULT RD	BEAR	MEDIUM	275.				
OLY - QUINAULT RD	BEAR	HEAVY	352.				
OLY - QUINAULT RD	WATER DAMAGE		8.	0.	0.	0.	
OLY - SHELTON RD	DOUGLAS-FIR BEETLE		76.	9.	2.	9.	
OLY - SHELTON RD	MTN PINE BEETLE, WEST WHT PIN		193.	27.	3.	13.	
OLY - SHELTON RD	BALSAM WOOLLY ADELGID	LIGHT	70.				

OLY - SHELTON RD	BEAR	LIGHT	322.				
OLY - SHELTON RD	BEAR	MEDIUM	172.				
OLY - SOLEDUCK RD	DOUGLAS-FIR BEETLE		45.	5.	1.	5.	
OLY - SOLEDUCK RD	MTN PINE BEETLE, WEST WHT PIN		40.	10.	1.	5.	
OLY - SOLEDUCK RD	BEAR	LIGHT	83.				
OLY - STATE LAND	DOUGLAS-FIR BEETLE		56.	20.	5.	20.	
OLY - STATE LAND	ENGELMANN SPRUCE BEETLE		256.	37.	2.	9.	
OLY - STATE LAND	FIR ENGRAVER		181.	14.	1.	4.	
OLY - STATE LAND	MTN PINE BEETLE, PONDEROSA PI		10.	5.	0.	0.	
OLY - STATE LAND	MTN PINE BEETLE, WEST WHT PIN		164.	33.	4.	16.	
OLY - STATE LAND	SILVER FIR BEETLE		93.	57.	13.	57.	
OLY - STATE LAND	BALSAM WOOLLY ADELGID	LIGHT	5.				
OLY - STATE LAND	BEAR	LIGHT	1365.				
OLY - STATE LAND	BEAR	MEDIUM	2094.				
OLY - STATE LAND	BEAR	HEAVY	767.				
OLY - STATE LAND	WATER DAMAGE		73.	0.	0.	0.	
OLY - PRIVATE LAND	DOUGLAS-FIR BEETLE		389.	52.	12.	51.	
OLY - PRIVATE LAND	ENGELMANN SPRUCE BEETLE		55.	17.	1.	4.	
OLY - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI		45.	24.	0.	0.	
OLY - PRIVATE LAND	MTN PINE BEETLE, WEST WHT PIN		106.	19.	2.	9.	
OLY - PRIVATE LAND	SILVER FIR BEETLE		102.	51.	12.	51.	
OLY - PRIVATE LAND	SPRUCE APHID	LIGHT	3.				
OLY - PRIVATE LAND	BEAR	LIGHT	2869.				
OLY - PRIVATE LAND	BEAR	MEDIUM	2249.				
OLY - PRIVATE LAND	BEAR	HEAVY	960.				
OLY - PRIVATE LAND	WATER DAMAGE		53.	0.	0.	0.	
ROGUE R. NF	MTN PINE BEETLE, PONDEROSA PI		5.	18.	0.	1.	
ROR - APPELGATE RD	FIR ENGRAVER		7117.	3860.	336.	1467.	
ROR - APPELGATE RD	FLATHEADED BORER		11570.	1731.	59.	260.	
ROR - APPELGATE RD	MTN PINE BEETLE, PONDEROSA PI		28.	52.	1.	3.	
ROR - APPELGATE RD	MTN PINE BEETLE, SUGAR PINE		2634.	397.	94.	413.	
ROR - APPELGATE RD	MTN PINE BEETLE, KNOBCONE PIN		76.	40.	0.	2.	
ROR - APPELGATE RD	WESTERN PINE BEETLE		9674.	1698.	252.	1105.	
ROR - APPELGATE RD	WESTERN PINE BEETLE, POLE-SIZ		4350.	752.	43.	189.	
ROR - ASHLAND RD	FIR ENGRAVER		997.	276.	24.	106.	
ROR - ASHLAND RD	FLATHEADED BORER		6410.	1490.	51.	223.	
ROR - ASHLAND RD	MTN PINE BEETLE, SUGAR PINE		167.	10.	2.	11.	
ROR - ASHLAND RD	WESTERN PINE BEETLE		2662.	517.	77.	336.	
ROR - ASHLAND RD	WESTERN PINE BEETLE, POLE-SIZ		3070.	1002.	57.	252.	
ROR - BUTTE FALLS RD	FIR ENGRAVER		2170.	699.	61.	266.	
ROR - BUTTE FALLS RD	FLATHEADED BORER		672.	104.	4.	16.	
ROR - BUTTE FALLS RD	MTN PINE BEETLE, SUGAR PINE		107.	10.	2.	10.	
ROR - BUTTE FALLS RD	MTN PINE BEETLE, LODGEPOLE PI		284.	157.	2.	8.	
ROR - BUTTE FALLS RD	WESTERN PINE BEETLE		13.	4.	1.	3.	
ROR - PROSPECT RD	DOUGLAS-FIR BEETLE		317.	41.	17.	73.	
ROR - PROSPECT RD	FIR ENGRAVER		3861.	764.	67.	291.	
ROR - PROSPECT RD	FLATHEADED BORER		472.	70.	2.	11.	
ROR - PROSPECT RD	MTN PINE BEETLE, PONDEROSA PI		5.	1.	0.	0.	
ROR - PROSPECT RD	MTN PINE BEETLE, SUGAR PINE		216.	37.	9.	39.	
ROR - PROSPECT RD	MTN PINE BEETLE, LODGEPOLE PI		563.	94.	1.	5.	
ROR - PROSPECT RD	WESTERN PINE BEETLE		308.	21.	3.	13.	
ROR - PROSPECT RD	WESTERN PINE BEETLE, POLE-SIZ		38.	4.	0.	1.	
ROR - STATE LAND	DOUGLAS-FIR BEETLE		15.	7.	3.	14.	
ROR - STATE LAND	FLATHEADED BORER		54.	31.	1.	4.	
ROR - STATE LAND	MTN PINE BEETLE, SUGAR PINE		45.	4.	1.	5.	
ROR - STATE LAND	OREGON PINE IPS	HEAVY	10.				
ROR - BLM LAND	DOUGLAS-FIR BEETLE		87.	18.	7.	31.	
ROR - BLM LAND	FIR ENGRAVER		8136.	1518.	132.	577.	
ROR - BLM LAND	FLATHEADED BORER		38530.	8041.	273.	1206.	
ROR - BLM LAND	MTN PINE BEETLE, PONDEROSA PI		640.	132.	2.	8.	
ROR - BLM LAND	MTN PINE BEETLE, SUGAR PINE		4044.	1169.	277.	1216.	
ROR - BLM LAND	OREGON PINE IPS		195.	19.	0.	0.	
ROR - BLM LAND	OREGON PINE IPS	LIGHT	287.				
ROR - BLM LAND	OREGON PINE IPS	MEDIUM	39.				
ROR - BLM LAND	OREGON PINE IPS	HEAVY	277.				

ROR - BLM LAND	WESTERN PINE BEETLE	14918.	1940.	287.	1262.
ROR - BLM LAND	WESTERN PINE BEETLE, POLE-SIZ	21674.	4353.	248.	1093.
ROR - BLM LAND	PORT ORFORD CEDAR ROOT DIS.	268.	0.	0.	0.
ROR - PRIVATE LAND	DOUGLAS-FIR BEETLE	138.	26.	11.	48.
ROR - PRIVATE LAND	FIR ENGRAVER	11235.	2706.	228.	995.
ROR - PRIVATE LAND	FLATHEADED BORER	42418.	10457.	355.	1567.
ROR - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI	1983.	328.	5.	20.
ROR - PRIVATE LAND	MTN PINE BEETLE, SUGAR PINE	2923.	2445.	579.	2540.
ROR - PRIVATE LAND	OREGON PINE IPS	136.	11.	0.	0.
ROR - PRIVATE LAND	OREGON PINE IPS	310.			
ROR - PRIVATE LAND	OREGON PINE IPS				
ROR - PRIVATE LAND	WESTERN PINE BEETLE	11505.	1198.	178.	783.
ROR - PRIVATE LAND	WESTERN PINE BEETLE, POLE-SIZ	20752.	4063.	229.	1008.
ROR - PRIVATE LAND	PORT ORFORD CEDAR ROOT DIS.	369.	0.	0.	0.
SIS - CHETCO RD	FLATHEADED BORER	321.	47.	2.	8.
SIS - CHETCO RD	OREGON PINE IPS	68.	19.	0.	0.
SIS - CHETCO RD	OREGON PINE IPS	55.			
SIS - CHETCO RD	PORT ORFORD CEDAR ROOT DIS.	148.	0.	0.	0.
SIS - GALICE RD	DOUGLAS-FIR BEETLE	222.	35.	14.	73.
SIS - GALICE RD	FIR ENGRAVER	128.	15.	1.	3.
SIS - GALICE RD	FLATHEADED BORER	3354.	760.	26.	129.
SIS - GALICE RD	MTN PINE BEETLE, PONDEROSA PI	155.	52.	1.	3.
SIS - GALICE RD	MTN PINE BEETLE, SUGAR PINE	242.	30.	5.	24.
SIS - GALICE RD	OREGON PINE IPS	85.			
SIS - GALICE RD	WESTERN PINE BEETLE	43.	5.	0.	2.
SIS - GOLD BEACH RD	DOUGLAS-FIR BEETLE	109.	21.	9.	46.
SIS - GOLD BEACH RD	FLATHEADED BORER	3091.	422.	14.	71.
SIS - GOLD BEACH RD	WESTERN PINE BEETLE	65.	10.	1.	5.
SIS - GOLD BEACH RD	PORT ORFORD CEDAR ROOT DIS.	3783.	0.	0.	0.
SIS - ILLINOIS VALLEY RD	FIR ENGRAVER	3326.	859.	34.	172.
SIS - ILLINOIS VALLEY RD	FLATHEADED BORER	7513.	958.	33.	163.
SIS - ILLINOIS VALLEY RD	MTN PINE BEETLE, SUGAR PINE	462.	108.	17.	86.
SIS - ILLINOIS VALLEY RD	MTN PINE BEETLE, WEST WHT PIN	65.	5.	0.	1.
SIS - ILLINOIS VALLEY RD	MTN PINE BEETLE, LODGEPOLE PI	28.	49.	0.	2.
SIS - ILLINOIS VALLEY RD	MTN PINE BEETLE, KNOBCONE PIN	630.	298.	3.	15.
SIS - ILLINOIS VALLEY RD	OREGON PINE IPS	414.	156.	0.	0.
SIS - ILLINOIS VALLEY RD	OREGON PINE IPS	18.			
SIS - ILLINOIS VALLEY RD	WESTERN PINE BEETLE	476.	16.	2.	8.
SIS - ILLINOIS VALLEY RD	WESTERN PINE BEETLE, POLE-SIZ	123.	29.	2.	8.
SIS - POWERS RD	DOUGLAS-FIR BEETLE	15.	7.	3.	16.
SIS - POWERS RD	FLATHEADED BORER	223.	21.	1.	3.
SIS - POWERS RD	PORT ORFORD CEDAR ROOT DIS.	1315.	0.	0.	0.
SIS - POWERS RD	BEAR	48.	0.	0.	0.
SIS - STATE LAND	FLATHEADED BORER	33.	5.	0.	1.
SIS - STATE LAND	PORT ORFORD CEDAR ROOT DIS.	8.	0.	0.	0.
SIS - BLM LAND	DOUGLAS-FIR BEETLE	339.	59.	26.	130.
SIS - BLM LAND	FIR ENGRAVER	358.	49.	2.	10.
SIS - BLM LAND	FLATHEADED BORER	9487.	1411.	48.	240.
SIS - BLM LAND	MTN PINE BEETLE, PONDEROSA PI	112.	31.	0.	2.
SIS - BLM LAND	MTN PINE BEETLE, SUGAR PINE	500.	81.	13.	64.
SIS - BLM LAND	OREGON PINE IPS	23.			
SIS - BLM LAND	WESTERN PINE BEETLE	1199.	158.	16.	81.
SIS - BLM LAND	WESTERN PINE BEETLE, POLE-SIZ	2605.	376.	21.	107.
SIS - BLM LAND	PORT ORFORD CEDAR ROOT DIS.	526.	0.	0.	0.
SIS - BLM LAND	BEAR	23.	0.	0.	0.
SIS - BLM LAND	BEAR	5.			
SIS - BLM LAND	BEAR	40.			
SIS - OTHER FED.	FIR ENGRAVER	96.	11.	0.	2.
SIS - PRIVATE LAND	DOUGLAS-FIR BEETLE	294.	38.	16.	82.
SIS - PRIVATE LAND	FIR ENGRAVER	269.	59.	2.	12.
SIS - PRIVATE LAND	FLATHEADED BORER	15439.	2554.	85.	426.
SIS - PRIVATE LAND	MTN PINE BEETLE, SUGAR PINE	142.	30.	5.	24.
SIS - PRIVATE LAND	OREGON PINE IPS	68.	10.	0.	0.
SIS - PRIVATE LAND	OREGON PINE IPS	8.			
SIS - PRIVATE LAND	WESTERN PINE BEETLE	1204.	126.	13.	64.

SIS - PRIVATE LAND	BEAR		61.	0.	0.	0.
SIS - PRIVATE LAND	BEAR	LIGHT	23.			
SIS - PRIVATE LAND	BEAR	MEDIUM	55.			
UMA - HEPPNER RD	DOUGLAS-FIR BEETLE		947.	449.	49.	247.
UMA - HEPPNER RD	FIR ENGRAVER		7815.	3919.	196.	979.
UMA - HEPPNER RD	MTN PINE BEETLE, PONDEROSA PI		2705.	1328.	19.	93.
UMA - HEPPNER RD	OREGON PINE IPS	HEAVY	247.			
UMA - HEPPNER RD	WESTERN PINE BEETLE		111.	54.	7.	35.
UMA - HEPPNER RD	WESTERN SPRUCE BUDWORM	CODE 1	2085.			
UMA - HEPPNER RD	WESTERN SPRUCE BUDWORM	CODE 2	9985.			
UMA - HEPPNER RD	WESTERN SPRUCE BUDWORM	CODE 3	43810.			
UMA - HEPPNER RD	WESTERN SPRUCE BUDWORM	CODE 4	1740.			
UMA - POMEROY RD	DOUGLAS-FIR BEETLE		786.	315.	34.	173.
UMA - POMEROY RD	ENGELMANN SPRUCE BEETLE		58.	29.	1.	7.
UMA - POMEROY RD	FIR ENGRAVER		73053.	20720.	1036.	5180.
UMA - POMEROY RD	MTN PINE BEETLE, PONDEROSA PI		912.	1567.	22.	110.
UMA - POMEROY RD	MTN PINE BEETLE, LODGEPOLE PI		170.	418.	6.	29.
UMA - POMEROY RD	WESTERN PINE BEETLE		223.	47.	6.	30.
UMA - POMEROY RD	WESTERN SPRUCE BUDWORM	CODE 1	43839.			
UMA - POMEROY RD	WESTERN SPRUCE BUDWORM	CODE 2	1566.			
UMA - NO. FORK JOHN DAY RD	DOUGLAS-FIR BEETLE		54797.	31674.	3452.	17418.
UMA - NO. FORK JOHN DAY RD	ENGELMANN SPRUCE BEETLE		86.	50.	3.	13.
UMA - NO. FORK JOHN DAY RD	FIR ENGRAVER		10353.	3932.	197.	983.
UMA - NO. FORK JOHN DAY RD	MTN PINE BEETLE, PONDEROSA PI		1489.	752.	10.	53.
UMA - NO. FORK JOHN DAY RD	MTN PINE BEETLE, LODGEPOLE PI		830.	402.	6.	28.
UMA - NO. FORK JOHN DAY RD	WESTERN PINE BEETLE		56.	10.	1.	7.
UMA - NO. FORK JOHN DAY RD	WESTERN SPRUCE BUDWORM	CODE 1	3659.			
UMA - NO. FORK JOHN DAY RD	WESTERN SPRUCE BUDWORM	CODE 2	50182.			
UMA - NO. FORK JOHN DAY RD	WESTERN SPRUCE BUDWORM	CODE 3	81941.			
UMA - NO. FORK JOHN DAY RD	WESTERN SPRUCE BUDWORM	CODE 4	8011.			
UMA - WALLA WALLA RD	DOUGLAS-FIR BEETLE		811.	619.	68.	342.
UMA - WALLA WALLA RD	ENGELMANN SPRUCE BEETLE		2885.	778.	39.	195.
UMA - WALLA WALLA RD	FIR ENGRAVER		31754.	8468.	423.	2117.
UMA - WALLA WALLA RD	MTN PINE BEETLE, PONDEROSA PI		121.	59.	1.	4.
UMA - WALLA WALLA RD	MTN PINE BEETLE, LODGEPOLE PI		293.	90.	1.	6.
UMA - WALLA WALLA RD	WESTERN SPRUCE BUDWORM	CODE 1	93775.			
UMA - WALLA WALLA RD	WESTERN SPRUCE BUDWORM	CODE 2	7066.			
UMA - WALLA WALLA RD	WESTERN SPRUCE BUDWORM	CODE 3	382.			
UMA - STATE LAND-OR	FIR ENGRAVER		23.	6.	0.	1.
UMA - STATE LAND-WA	DOUGLAS-FIR BEETLE		8.	2.	0.	1.
UMA - STATE LAND-WA	FIR ENGRAVER		1764.	589.	29.	147.
UMA - STATE LAND-WA	MTN PINE BEETLE, PONDEROSA PI		108.	90.	1.	6.
UMA - STATE LAND-WA	MTN PINE BEETLE, LODGEPOLE PI		20.	6.	0.	0.
UMA - STATE LAND-WA	WESTERN SPRUCE BUDWORM	CODE 1	1055.			
UMA - BLM LAND	DOUGLAS-FIR BEETLE		463.	403.	44.	222.
UMA - BLM LAND	FIR ENGRAVER		371.	204.	10.	51.
UMA - BLM LAND	MTN PINE BEETLE, PONDEROSA PI		132.	177.	3.	12.
UMA - BLM LAND	WESTERN SPRUCE BUDWORM	CODE 1	502.			
UMA - BLM LAND	WESTERN SPRUCE BUDWORM	CODE 2	46.			
UMA - BLM LAND	WESTERN SPRUCE BUDWORM	CODE 3	297.			
UMA - BLM LAND	WESTERN SPRUCE BUDWORM	CODE 4	48.			
UMA - PRIVATE LAND	DOUGLAS-FIR BEETLE		6800.	4086.	445.	2247.
UMA - PRIVATE LAND	ENGELMANN SPRUCE BEETLE		166.	28.	1.	7.
UMA - PRIVATE LAND	FIR ENGRAVER		61210.	25018.	1243.	6213.
UMA - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI		17392.	17483.	244.	1222.
UMA - PRIVATE LAND	MTN PINE BEETLE, LODGEPOLE PI		1185.	311.	4.	22.
UMA - PRIVATE LAND	OREGON PINE IPS	LIGHT	20.			
UMA - PRIVATE LAND	OREGON PINE IPS	MEDIUM	30.			
UMA - PRIVATE LAND	OREGON PINE IPS	HEAVY	107.			
UMA - PRIVATE LAND	WESTERN PINE BEETLE		43.	31.	4.	20.
UMA - PRIVATE LAND	WESTERN SPRUCE BUDWORM		30.	0.	0.	0.
UMA - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 1	26540.			
UMA - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 2	20826.			
UMA - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 3	25259.			
UMA - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 4	6465.			

UMP - COTTAGE GROVE RD	DOUGLAS-FIR BEETLE	288.	58.	17.	76.
UMP - COTTAGE GROVE RD	CYTOSPORA CANKER	MEDIUM	202.		
UMP - COTTAGE GROVE RD	BEAR	63.	0.	0.	0.
UMP - TILLER RD	DOUGLAS-FIR BEETLE	344.	86.	27.	116.
UMP - TILLER RD	FIR ENGRAVER	1595.	325.	28.	124.
UMP - TILLER RD	FLATHEADED BORER	358.	38.	1.	6.
UMP - TILLER RD	MTN PINE BEETLE, PONDEROSA PI	18.	5.	0.	0.
UMP - TILLER RD	MTN PINE BEETLE, SUGAR PINE	154.	20.	5.	22.
UMP - TILLER RD	MTN PINE BEETLE, LODGEPOLE PI	1120.	201.	2.	10.
UMP - TILLER RD	OREGON PINE IPS	MEDIUM	214.		
UMP - TILLER RD	WESTERN PINE BEETLE, POLE-SIZ	30.	2.	0.	0.
UMP - TILLER RD	CYTOSPORA CANKER	LIGHT	142.		
UMP - TILLER RD	CYTOSPORA CANKER	MEDIUM	90.		
UMP - DIAMOND LAKE RD	DOUGLAS-FIR BEETLE	2442.	412.	125.	549.
UMP - DIAMOND LAKE RD	DOUGLAS-FIR ENGRAVER	88.	31.	0.	2.
UMP - DIAMOND LAKE RD	FIR ENGRAVER	11403.	2382.	207.	905.
UMP - DIAMOND LAKE RD	MTN PINE BEETLE, PONDEROSA PI	35.	5.	0.	0.
UMP - DIAMOND LAKE RD	MTN PINE BEETLE, LODGEPOLE PI	1619.	530.	6.	26.
UMP - DIAMOND LAKE RD	WESTERN PINE BEETLE	163.	24.	3.	12.
UMP - DIAMOND LAKE RD	BALSAM WOOLLY ADELGID	LIGHT	252.		
UMP - DIAMOND LAKE RD	BALSAM WOOLLY ADELGID	MEDIUM	887.		
UMP - DIAMOND LAKE RD	CYTOSPORA CANKER	LIGHT	330.		
UMP - GLIDE RD	DOUGLAS-FIR BEETLE	399.	77.	24.	106.
UMP - GLIDE RD	FIR ENGRAVER	248.	116.	10.	44.
UMP - GLIDE RD	CYTOSPORA CANKER	LIGHT	515.		
UMP - GLIDE RD	CYTOSPORA CANKER	MEDIUM	1103.		
UMP - STEAMBOAT RD	DOUGLAS-FIR BEETLE	1155.	154.	48.	208.
UMP - STEAMBOAT RD	DOUGLAS-FIR ENGRAVER	28.	12.	0.	1.
UMP - STEAMBOAT RD	FIR ENGRAVER	720.	149.	13.	57.
UMP - STEAMBOAT RD	MTN PINE BEETLE, PONDEROSA PI	20.	3.	0.	0.
UMP - STEAMBOAT RD	BALSAM WOOLLY ADELGID	MEDIUM	80.		
UMP - BLM LAND	DOUGLAS-FIR BEETLE	174.	29.	9.	41.
UMP - BLM LAND	FIR ENGRAVER	271.	43.	4.	16.
UMP - BLM LAND	OREGON PINE IPS	LIGHT	13.		
UMP - BLM LAND	BEAR	LIGHT	23.		
UMP - PRIVATE LAND	DOUGLAS-FIR BEETLE	31.	4.	1.	4.
UMP - PRIVATE LAND	FIR ENGRAVER	285.	36.	3.	14.
UMP - PRIVATE LAND	FLATHEADED BORER	158.	21.	1.	3.
UMP - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI	18.	2.	0.	0.
UMP - PRIVATE LAND	OREGON PINE IPS	LIGHT	10.		
UMP - PRIVATE LAND	WESTERN PINE BEETLE, POLE-SIZ	53.	3.	0.	1.
UMP - PRIVATE LAND	BEAR	LIGHT	149.		
WAW - BAKER RD	DOUGLAS-FIR BEETLE	10260.	3609.	365.	1952.
WAW - BAKER RD	ENGELMANN SPRUCE BEETLE	473.	86.	4.	21.
WAW - BAKER RD	FIR ENGRAVER	6902.	2247.	79.	427.
WAW - BAKER RD	MTN PINE BEETLE, PONDEROSA PI	9106.	4962.	65.	347.
WAW - BAKER RD	MTN PINE BEETLE, LODGEPOLE PI	288.	105.	1.	7.
WAW - BAKER RD	WESTERN PINE BEETLE	96.	43.	6.	33.
WAW - BAKER RD	WESTERN SPRUCE BUDWORM	CODE 2	28237.		
WAW - BAKER RD	WESTERN SPRUCE BUDWORM	CODE 3	27435.		
WAW - BAKER RD	WESTERN SPRUCE BUDWORM	CODE 4	1942.		
WAW - WALLOWA VALLEY RD	DOUGLAS-FIR BEETLE	6296.	3735.	377.	2018.
WAW - WALLOWA VALLEY RD	ENGELMANN SPRUCE BEETLE	5286.	9176.	431.	2294.
WAW - WALLOWA VALLEY RD	FIR ENGRAVER	8189.	3661.	128.	696.
WAW - WALLOWA VALLEY RD	MTN PINE BEETLE, PONDEROSA PI	914.	895.	12.	63.
WAW - WALLOWA VALLEY RD	OREGON PINE IPS	MEDIUM	23.		
WAW - WALLOWA VALLEY RD	WESTERN PINE BEETLE	68.	30.	4.	23.
WAW - WALLOWA VALLEY RD	WESTERN PINE BEETLE, POLE-SIZ	872.	476.	19.	101.
WAW - WALLOWA VALLEY RD	WESTERN SPRUCE BUDWORM	CODE 1	62773.		
WAW - WALLOWA VALLEY RD	WESTERN SPRUCE BUDWORM	CODE 2	1180.		
WAW - WALLOWA VALLEY RD	WESTERN SPRUCE BUDWORM	CODE 3	1150.		
WAW - HELLS CYN NRA	DOUGLAS-FIR BEETLE	8968.	5265.	532.	2843.
WAW - HELLS CYN NRA	ENGELMANN SPRUCE BEETLE	17448.	40210.	1890.	10053.
WAW - HELLS CYN NRA	FIR ENGRAVER	413.	119.	4.	23.
WAW - HELLS CYN NRA	MTN PINE BEETLE, PONDEROSA PI	153.	87.	1.	6.

WAW - HELLS CYN NRA	WESTERN PINE BEETLE	2447.	276.	39.	212.
WAW - HELLS CYN NRA	WESTERN PINE BEETLE, POLE-SIZ	615.	117.	5.	25.
WAW - HELLS CYN NRA	WESTERN SPRUCE BUDWORM	CODE 1 47001.			
WAW - HELLS CYN NRA	WESTERN SPRUCE BUDWORM	CODE 2 17604.			
WAW - EAGLE CAP RD	DOUGLAS-FIR BEETLE	1474.	1010.	102.	544.
WAW - EAGLE CAP RD	DOUGLAS-FIR ENGRAVER	297.	297.	3.	18.
WAW - EAGLE CAP RD	ENGELMANN SPRUCE BEETLE	16697.	36205.	1702.	9052.
WAW - EAGLE CAP RD	FIR ENGRAVER	2501.	1776.	62.	337.
WAW - EAGLE CAP RD	MTN PINE BEETLE, LODGEPOLE PI	1127.	429.	6.	30.
WAW - EAGLE CAP RD	WESTERN SPRUCE BUDWORM	CODE 1 54324.			
WAW - EAGLE CAP RD	WESTERN SPRUCE BUDWORM	CODE 2 15162.			
WAW - LA GRANDE RD	DOUGLAS-FIR BEETLE	26104.	27023.	2730.	14594.
WAW - LA GRANDE RD	ENGELMANN SPRUCE BEETLE	422.	235.	11.	59.
WAW - LA GRANDE RD	FIR ENGRAVER	3254.	1219.	43.	232.
WAW - LA GRANDE RD	MTN PINE BEETLE, PONDEROSA PI	1367.	1059.	14.	74.
WAW - LA GRANDE RD	MTN PINE BEETLE, LODGEPOLE PI	417.	76.	1.	5.
WAW - LA GRANDE RD	OREGON PINE IPS	LIGHT 23.			
WAW - LA GRANDE RD	OREGON PINE IPS	MEDIUM 43.			
WAW - LA GRANDE RD	WESTERN PINE BEETLE, POLE-SIZ	684.	185.	7.	39.
WAW - LA GRANDE RD	WESTERN SPRUCE BUDWORM	CODE 1 37612.			
WAW - LA GRANDE RD	WESTERN SPRUCE BUDWORM	CODE 2 125599.			
WAW - LA GRANDE RD	WESTERN SPRUCE BUDWORM	CODE 3 68229.			
WAW - LA GRANDE RD	WESTERN SPRUCE BUDWORM	CODE 4 6354.			
WAW - PINE RD	DOUGLAS-FIR BEETLE	208.	106.	11.	57.
WAW - PINE RD	DOUGLAS-FIR ENGRAVER	217.	217.	2.	13.
WAW - PINE RD	ENGELMANN SPRUCE BEETLE	21474.	25018.	1176.	6255.
WAW - PINE RD	FIR ENGRAVER	1092.	591.	21.	113.
WAW - PINE RD	MTN PINE BEETLE, PONDEROSA PI	6192.	6472.	84.	453.
WAW - PINE RD	MTN PINE BEETLE, LODGEPOLE PI	495.	120.	2.	8.
WAW - PINE RD	WESTERN PINE BEETLE	103.	63.	9.	49.
WAW - PINE RD	WESTERN SPRUCE BUDWORM	CODE 1 21069.			
WAW - PINE RD	WESTERN SPRUCE BUDWORM	CODE 2 18968.			
WAW - UNITY RD	DOUGLAS-FIR BEETLE	1414.	469.	47.	253.
WAW - UNITY RD	FIR ENGRAVER	8188.	2299.	81.	437.
WAW - UNITY RD	MTN PINE BEETLE, PONDEROSA PI	5306.	1886.	25.	132.
WAW - UNITY RD	MTN PINE BEETLE, LODGEPOLE PI	58.	11.	0.	1.
WAW - UNITY RD	OREGON PINE IPS	LIGHT 45.			
WAW - UNITY RD	WESTERN PINE BEETLE	83.	18.	3.	14.
WAW - UNITY RD	WESTERN SPRUCE BUDWORM	CODE 1 3222.			
WAW - UNITY RD	WESTERN SPRUCE BUDWORM	CODE 2 20719.			
WAW - STATE LAND	DOUGLAS-FIR BEETLE	18.	18.	2.	10.
WAW - STATE LAND	FIR ENGRAVER	201.	70.	2.	13.
WAW - STATE LAND	WESTERN SPRUCE BUDWORM	CODE 1 48.			
WAW - STATE LAND	WESTERN SPRUCE BUDWORM	CODE 2 565.			
WAW - STATE LAND	WESTERN SPRUCE BUDWORM	CODE 3 282.			
WAW - BLM LAND	DOUGLAS-FIR BEETLE	528.	282.	28.	152.
WAW - BLM LAND	FIR ENGRAVER	986.	275.	10.	53.
WAW - BLM LAND	MTN PINE BEETLE, PONDEROSA PI	1178.	1079.	14.	76.
WAW - BLM LAND	OREGON PINE IPS	LIGHT 15.			
WAW - BLM LAND	WESTERN PINE BEETLE, POLE-SIZ	15.	3.	0.	1.
WAW - BLM LAND	WESTERN SPRUCE BUDWORM	CODE 1 1472.			
WAW - BLM LAND	WESTERN SPRUCE BUDWORM	CODE 2 1924.			
WAW - BLM LAND	WESTERN SPRUCE BUDWORM	CODE 3 1894.			
WAW - BLM LAND	WESTERN SPRUCE BUDWORM	CODE 4 100.			
WAW - PRIVATE LAND	DOUGLAS-FIR BEETLE	4034.	2523.	254.	1360.
WAW - PRIVATE LAND	ENGELMANN SPRUCE BEETLE	838.	1268.	60.	317.
WAW - PRIVATE LAND	FIR ENGRAVER	69186.	23910.	836.	4539.
WAW - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI	20107.	20860.	271.	1460.
WAW - PRIVATE LAND	MTN PINE BEETLE, LODGEPOLE PI	18.	5.	0.	0.
WAW - PRIVATE LAND	OREGON PINE IPS	LIGHT 86.			
WAW - PRIVATE LAND	WESTERN PINE BEETLE	3.	2.	0.	1.
WAW - PRIVATE LAND	WESTERN PINE BEETLE, POLE-SIZ	2689.	1252.	50.	266.
WAW - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 1 68181.			
WAW - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 2 67652.			
WAW - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 3 32925.			
WAW - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 4 2633.			
WEN - CHELAN RD	DOUGLAS-FIR BEETLE	33.	13.	1.	7.

WEN - CHELAN RD	FIR ENGRAVER	128.	74.	4.	22.
WEN - CHELAN RD	MTN PINE BEETLE, PONDEROSA PI	753.	804.	9.	48.
WEN - CHELAN RD	MTN PINE BEETLE, WEST WHT PIN	66.	43.	4.	20.
WEN - CHELAN RD	MTN PINE BEETLE, LODGEPOLE PI	227.	2028.	26.	142.
WEN - CHELAN RD	WESTERN PINE BEETLE	127.	16.	1.	7.
WEN - CLE ELUM RD	DOUGLAS-FIR BEETLE	76.	25.	3.	14.
WEN - CLE ELUM RD	ENGELMANN SPRUCE BEETLE	205.	98.	4.	24.
WEN - CLE ELUM RD	FIR ENGRAVER	29300.	41200.	2266.	12360.
WEN - CLE ELUM RD	MTN PINE BEETLE, PONDEROSA PI	149.	114.	1.	7.
WEN - CLE ELUM RD	MTN PINE BEETLE, WEST WHT PIN	2515.	1525.	127.	688.
WEN - CLE ELUM RD	MTN PINE BEETLE, LODGEPOLE PI	101.	48.	1.	3.
WEN - CLE ELUM RD	MTN PINE BEETLE, WHITEBARK PI	515.	183.	2.	9.
WEN - CLE ELUM RD	WESTERN PINE BEETLE	469.	999.	81.	440.
WEN - CLE ELUM RD	BALSAM WOOLLY ADELGID	654.			
WEN - CLE ELUM RD	WATER DAMAGE	30.	0.	0.	0.
WEN - ENTIAT RD	DOUGLAS-FIR BEETLE	212.	111.	11.	61.
WEN - ENTIAT RD	ENGELMANN SPRUCE BEETLE	157.	88.	4.	22.
WEN - ENTIAT RD	FIR ENGRAVER	9674.	20062.	1103.	6018.
WEN - ENTIAT RD	MTN PINE BEETLE, PONDEROSA PI	4826.	3125.	34.	188.
WEN - ENTIAT RD	MTN PINE BEETLE, WEST WHT PIN	506.	119.	10.	53.
WEN - ENTIAT RD	WESTERN PINE BEETLE	631.	553.	45.	244.
WEN - LAKE WENATCHEE RD	DOUGLAS-FIR BEETLE	68.	25.	2.	13.
WEN - LAKE WENATCHEE RD	ENGELMANN SPRUCE BEETLE	188.	61.	3.	15.
WEN - LAKE WENATCHEE RD	FIR ENGRAVER	8613.	8307.	457.	2492.
WEN - LAKE WENATCHEE RD	MTN PINE BEETLE, PONDEROSA PI	105.	66.	1.	4.
WEN - LAKE WENATCHEE RD	MTN PINE BEETLE, WEST WHT PIN	3384.	1647.	137.	742.
WEN - LAKE WENATCHEE RD	MTN PINE BEETLE, LODGEPOLE PI	342.	2243.	29.	157.
WEN - LAKE WENATCHEE RD	MTN PINE BEETLE, WHITEBARK PI	38.	20.	0.	1.
WEN - LAKE WENATCHEE RD	BALSAM WOOLLY ADELGID	351.			
WEN - LAKE WENATCHEE RD	BALSAM WOOLLY ADELGID	50.			
WEN - LEAVENWORTH RD	DOUGLAS-FIR BEETLE	280.	181.	18.	100.
WEN - LEAVENWORTH RD	ENGELMANN SPRUCE BEETLE	88.	117.	5.	29.
WEN - LEAVENWORTH RD	FIR ENGRAVER	18816.	18469.	1016.	5540.
WEN - LEAVENWORTH RD	MTN PINE BEETLE, PONDEROSA PI	1129.	578.	6.	34.
WEN - LEAVENWORTH RD	MTN PINE BEETLE, WEST WHT PIN	5660.	2645.	219.	1190.
WEN - LEAVENWORTH RD	MTN PINE BEETLE, LODGEPOLE PI	338.	90.	1.	6.
WEN - LEAVENWORTH RD	MTN PINE BEETLE, WHITEBARK PI	369.	149.	1.	7.
WEN - LEAVENWORTH RD	WESTERN PINE BEETLE	503.	129.	10.	57.
WEN - LEAVENWORTH RD	BALSAM WOOLLY ADELGID	43.			
WEN - LEAVENWORTH RD	PINE NEEDLE SCALE	396.			
WEN - LEAVENWORTH RD	PINE NEEDLE SCALE	798.			
WEN - LEAVENWORTH RD	PINE NEEDLE SCALE	440.			
WEN - LEAVENWORTH RD	WATER DAMAGE	25.	0.	0.	0.
WEN - NACHES RD	DOUGLAS-FIR BEETLE	675.	607.	61.	334.
WEN - NACHES RD	ENGELMANN SPRUCE BEETLE	93.	54.	2.	13.
WEN - NACHES RD	FIR ENGRAVER	18620.	10502.	577.	3150.
WEN - NACHES RD	MTN PINE BEETLE, PONDEROSA PI	378.	266.	3.	16.
WEN - NACHES RD	MTN PINE BEETLE, WEST WHT PIN	8874.	3860.	321.	1739.
WEN - NACHES RD	MTN PINE BEETLE, LODGEPOLE PI	293.	113.	1.	8.
WEN - NACHES RD	MTN PINE BEETLE, WHITEBARK PI	1193.	386.	3.	19.
WEN - NACHES RD	WESTERN PINE BEETLE	1029.	229.	19.	101.
WEN - NACHES RD	BALSAM WOOLLY ADELGID	194.			
WEN - NACHES RD	WESTERN SPRUCE BUDWORM	6046.			
WEN - NACHES RD	WESTERN SPRUCE BUDWORM	1782.			
WEN - STATE LAND	DOUGLAS-FIR BEETLE	140.	39.	4.	21.
WEN - STATE LAND	FIR ENGRAVER	11983.	18057.	993.	5416.
WEN - STATE LAND	MTN PINE BEETLE, PONDEROSA PI	2021.	1926.	21.	115.
WEN - STATE LAND	MTN PINE BEETLE, WEST WHT PIN	136.	66.	6.	30.
WEN - STATE LAND	MTN PINE BEETLE, WHITEBARK PI	970.	942.	8.	46.
WEN - STATE LAND	OREGON PINE IPS	65.			
WEN - STATE LAND	WESTERN PINE BEETLE	2617.	4328.	351.	1905.
WEN - STATE LAND	PINE NEEDLE SCALE	83.			
WEN - STATE LAND	PINE NEEDLE SCALE	53.			
WEN - STATE LAND	WESTERN SPRUCE BUDWORM	1970.			
WEN - BLM LAND	FIR ENGRAVER	125.	59.	3.	18.
WEN - BLM LAND	MTN PINE BEETLE, PONDEROSA PI	184.	76.	1.	5.
WEN - BLM LAND	PINE NEEDLE SCALE	20.			
WEN - BLM LAND	PINE NEEDLE SCALE	65.			

WEN - BLM LAND	PINE NEEDLE SCALE	HEAVY	43.				
WEN - PRIVATE LAND	DOUGLAS-FIR BEETLE		154.	64.	6.	35.	
WEN - PRIVATE LAND	ENGELMANN SPRUCE BEETLE		303.	150.	7.	38.	
WEN - PRIVATE LAND	FIR ENGRAVER		34416.	37277.	2050.	11184.	
WEN - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI		7284.	7190.	79.	432.	
WEN - PRIVATE LAND	MTN PINE BEETLE, WEST WHT PIN		4142.	1850.	153.	832.	
WEN - PRIVATE LAND	MTN PINE BEETLE, LODGEPOLE PI		139.	358.	5.	25.	
WEN - PRIVATE LAND	MTN PINE BEETLE, WHITEBARK PI		291.	109.	1.	5.	
WEN - PRIVATE LAND	WESTERN PINE BEETLE		10714.	23854.	1932.	10497.	
WEN - PRIVATE LAND	BALSAM WOOLLY ADELGID	LIGHT	187.				
WEN - PRIVATE LAND	PINE NEEDLE SCALE	LIGHT	1128.				
WEN - PRIVATE LAND	PINE NEEDLE SCALE	MEDIUM	1795.				
WEN - PRIVATE LAND	PINE NEEDLE SCALE	HEAVY	1215.				
WEN - PRIVATE LAND	WESTERN SPRUCE BUDWORM	LIGHT	620.				
WIL - BLUE RIVER RD	DOUGLAS-FIR BEETLE		312.	46.	16.	69.	
WIL - BLUE RIVER RD	FIR ENGRAVER		179.	40.	3.	15.	
WIL - BLUE RIVER RD	MTN PINE BEETLE, WEST WHT PIN		18.	5.	1.	2.	
WIL - BLUE RIVER RD	CYTOSPORA CANKER	HEAVY	2214.				
WIL - SWEET HOME RD	FIR ENGRAVER		520.	136.	12.	52.	
WIL - SWEET HOME RD	CYTOSPORA CANKER	HEAVY	33.				
WIL - DETROIT RD	DOUGLAS-FIR BEETLE		191.	52.	18.	80.	
WIL - DETROIT RD	FIR ENGRAVER		183.	43.	4.	16.	
WIL - DETROIT RD	WESTERN SPRUCE BUDWORM	CODE 1	10699.				
WIL - DETROIT RD	WESTERN SPRUCE BUDWORM	CODE 2	9395.				
WIL - DETROIT RD	WESTERN SPRUCE BUDWORM	CODE 3	1251.				
WIL - DETROIT RD	WESTERN SPRUCE BUDWORM	CODE 4	38.				
WIL - DETROIT RD	WINTER DAMAGE		83.	0.	0.	0.	
WIL - DETROIT RD	WINTER DAMAGE	MEDIUM	612.				
WIL - RIGDON RD	DOUGLAS-FIR BEETLE		2238.	315.	112.	489.	
WIL - RIGDON RD	DOUGLAS-FIR ENGRAVER		35.	11.	0.	1.	
WIL - RIGDON RD	FIR ENGRAVER		1259.	382.	33.	145.	
WIL - RIGDON RD	MTN PINE BEETLE, WEST WHT PIN		90.	11.	1.	6.	
WIL - RIGDON RD	MTN PINE BEETLE, LODGEPOLE PI		20.	11.	0.	1.	
WIL - RIGDON RD	BALSAM WOOLLY ADELGID	LIGHT	60.				
WIL - LOWELL RD	DOUGLAS-FIR BEETLE		109.	16.	6.	25.	
WIL - LOWELL RD	DOUGLAS-FIR ENGRAVER		115.	30.	0.	2.	
WIL - LOWELL RD	BEAR	MEDIUM	45.				
WIL - MCKENZIE RD	DOUGLAS-FIR BEETLE		488.	106.	38.	164.	
WIL - MCKENZIE RD	FIR ENGRAVER		984.	246.	21.	93.	
WIL - MCKENZIE RD	MTN PINE BEETLE, PONDEROSA PI		28.	12.	0.	1.	
WIL - MCKENZIE RD	MTN PINE BEETLE, WEST WHT PIN		372.	78.	9.	39.	
WIL - MCKENZIE RD	MTN PINE BEETLE, LODGEPOLE PI		146.	35.	1.	2.	
WIL - MCKENZIE RD	WESTERN SPRUCE BUDWORM	CODE 1	2931.				
WIL - MCKENZIE RD	WESTERN SPRUCE BUDWORM	CODE 2	6548.				
WIL - MCKENZIE RD	WESTERN SPRUCE BUDWORM	CODE 3	218.				
WIL - MCKENZIE RD	CYTOSPORA CANKER	MEDIUM	6420.				
WIL - MCKENZIE RD	CYTOSPORA CANKER	HEAVY	1062.				
WIL - MCKENZIE RD	BEAR	LIGHT	46.				
WIL - MCKENZIE RD	BEAR	MEDIUM	180.				
WIL - OAKRIDGE RD	DOUGLAS-FIR BEETLE		678.	88.	31.	137.	
WIL - OAKRIDGE RD	FIR ENGRAVER		961.	248.	22.	94.	
WIL - OAKRIDGE RD	MTN PINE BEETLE, LODGEPOLE PI		157.	31.	0.	2.	
WIL - OAKRIDGE RD	CYTOSPORA CANKER	LIGHT	282.				
WIL - OAKRIDGE RD	CYTOSPORA CANKER	MEDIUM	272.				
WIL - OAKRIDGE RD	BEAR	MEDIUM	70.				
WIL - OTHER FED.	DOUGLAS-FIR BEETLE		49.	8.	3.	12.	
WIL - PRIVATE LAND	DOUGLAS-FIR BEETLE		118.	14.	5.	21.	
WIL - PRIVATE LAND	FIR ENGRAVER		98.	18.	2.	7.	
WIL - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 1	46.				
WIN - CHEMULT RD	FIR ENGRAVER		883.	167.	13.	64.	
WIN - CHEMULT RD	MTN PINE BEETLE, PONDEROSA PI		1747.	298.	5.	24.	
WIN - CHEMULT RD	MTN PINE BEETLE, SUGAR PINE		5.	4.	0.	2.	
WIN - CHEMULT RD	MTN PINE BEETLE, LODGEPOLE PI		71036.	50198.	703.	3514.	
WIN - CHEMULT RD	WESTERN PINE BEETLE		364.	81.	13.	67.	

WIN - CHILOQUIN RD	FIR ENGRAVER	15699.	4956.	371.	1882.
WIN - CHILOQUIN RD	MTN PINE BEETLE, PONDEROSA PI	10379.	2774.	44.	222.
WIN - CHILOQUIN RD	MTN PINE BEETLE, LODGEPOLE PI	18046.	6533.	92.	458.
WIN - CHILOQUIN RD	OREGON PINE IPS		281.		
WIN - CHILOQUIN RD	OREGON PINE IPS		103.		
WIN - CHILOQUIN RD	WESTERN PINE BEETLE	6101.	1149.	193.	970.
WIN - KLAMATH RD	FIR ENGRAVER	7652.	1751.	132.	668.
WIN - KLAMATH RD	MTN PINE BEETLE, PONDEROSA PI	170.	27.	0.	2.
WIN - KLAMATH RD	MTN PINE BEETLE, SUGAR PINE	75.	31.	3.	17.
WIN - KLAMATH RD	MTN PINE BEETLE, LODGEPOLE PI	701.	518.	7.	36.
WIN - KLAMATH RD	WESTERN PINE BEETLE	3751.	583.	98.	492.
WIN - STATE LAND	FIR ENGRAVER	1337.	814.	61.	310.
WIN - STATE LAND	MTN PINE BEETLE, PONDEROSA PI	28.	6.	0.	0.
WIN - BLM LAND	FIR ENGRAVER	756.	271.	20.	103.
WIN - BLM LAND	FLATHEADED BORER	23.	5.	0.	0.
WIN - BLM LAND	MTN PINE BEETLE, PONDEROSA PI	523.	149.	2.	12.
WIN - BLM LAND	MTN PINE BEETLE, LODGEPOLE PI	107.	27.	0.	2.
WIN - BLM LAND	OREGON PINE IPS	50.	10.	0.	0.
WIN - BLM LAND	OREGON PINE IPS		203.		
WIN - BLM LAND	WESTERN PINE BEETLE	172.	92.	15.	76.
WIN - BLM LAND	WESTERN PINE BEETLE, POLE-SIZ	50.	8.	0.	2.
WIN - PRIVATE LAND	DOUGLAS-FIR BEETLE	160.	20.	2.	12.
WIN - PRIVATE LAND	FIR ENGRAVER	8490.	2407.	181.	916.
WIN - PRIVATE LAND	FLATHEADED BORER	41.	8.	0.	0.
WIN - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI	8313.	2810.	45.	225.
WIN - PRIVATE LAND	MTN PINE BEETLE, LODGEPOLE PI	20681.	7488.	105.	524.
WIN - PRIVATE LAND	OREGON PINE IPS		13.		
WIN - PRIVATE LAND	OREGON PINE IPS		228.		
WIN - PRIVATE LAND	WESTERN PINE BEETLE	437.	144.	24.	121.
WIN - PRIVATE LAND	WESTERN PINE BEETLE, POLE-SIZ	127.	22.	1.	4.
WIN - PRIVATE LAND	PINE NEEDLE SCALE		40.		
WIN - PRIVATE LAND	PINE NEEDLE SCALE		266.		
COL - COLVILLE RD	DOUGLAS-FIR BEETLE	1148.	583.	63.	320.
COL - COLVILLE RD	FIR ENGRAVER	3594.	3820.	191.	955.
COL - COLVILLE RD	MTN PINE BEETLE, PONDEROSA PI	1304.	471.	5.	24.
COL - COLVILLE RD	MTN PINE BEETLE, LODGEPOLE PI	636.	813.	11.	57.
COL - COLVILLE RD	WESTERN PINE BEETLE	18.	8.	1.	5.
COL - KETTLE FALLS RD	DOUGLAS-FIR BEETLE	398.	258.	28.	143.
COL - KETTLE FALLS RD	FIR ENGRAVER	1497.	1503.	75.	376.
COL - KETTLE FALLS RD	MTN PINE BEETLE, PONDEROSA PI	281.	164.	2.	8.
COL - KETTLE FALLS RD	MTN PINE BEETLE, LODGEPOLE PI	3237.	2836.	40.	198.
COL - KETTLE FALLS RD	MTN PINE BEETLE, WHITEBARK PI	48.	34.	0.	2.
COL - KETTLE FALLS RD	WESTERN PINE BEETLE	285.	111.	12.	59.
COL - NEWPORT RD	DOUGLAS-FIR BEETLE	4677.	1724.	188.	949.
COL - NEWPORT RD	FIR ENGRAVER	4425.	4038.	202.	1009.
COL - NEWPORT RD	MTN PINE BEETLE, WEST WHT PIN	1432.	580.	52.	261.
COL - NEWPORT RD	MTN PINE BEETLE, LODGEPOLE PI	433.	469.	7.	33.
COL - NEWPORT RD	WESTERN PINE BEETLE	8.	2.	0.	1.
COL - NEWPORT RD	WATER DAMAGE	60.	0.	0.	0.
COL - REPUBLIC RD	DOUGLAS-FIR BEETLE	671.	393.	43.	217.
COL - REPUBLIC RD	FIR ENGRAVER	48.	27.	1.	7.
COL - REPUBLIC RD	MTN PINE BEETLE, PONDEROSA PI	123.	76.	1.	4.
COL - REPUBLIC RD	MTN PINE BEETLE, LODGEPOLE PI	8920.	18673.	261.	1307.
COL - REPUBLIC RD	MTN PINE BEETLE, WHITEBARK PI	23.	16.	0.	1.
COL - REPUBLIC RD	WESTERN PINE BEETLE	1073.	443.	47.	238.
COL - REPUBLIC RD	WESTERN SPRUCE BUDWORM		3562.		
COL - SULLIVAN LAKE RD	DOUGLAS-FIR BEETLE	473.	264.	29.	146.
COL - SULLIVAN LAKE RD	FIR ENGRAVER	1675.	1401.	70.	350.
COL - SULLIVAN LAKE RD	MTN PINE BEETLE, PONDEROSA PI	25.	23.	0.	1.
COL - SULLIVAN LAKE RD	MTN PINE BEETLE, WEST WHT PIN	576.	317.	28.	142.
COL - SULLIVAN LAKE RD	MTN PINE BEETLE, LODGEPOLE PI	685.	619.	9.	43.
COL - SULLIVAN LAKE RD	WINTER DAMAGE	1330.	0.	0.	0.
COL - STATE LAND	DOUGLAS-FIR BEETLE	1428.	466.	51.	256.
COL - STATE LAND	FIR ENGRAVER	5319.	6556.	328.	1638.

COL - STATE LAND	MTN PINE BEETLE, PONDEROSA PI	1103.	1151.	12.	58.
COL - STATE LAND	MTN PINE BEETLE, WEST WHT PIN	124.	53.	5.	24.
COL - STATE LAND	MTN PINE BEETLE, LODGEPOLE PI	2347.	2096.	29.	147.
COL - STATE LAND	WESTERN PINE BEETLE	596.	810.	87.	438.
COL - STATE LAND	WESTERN SPRUCE BUDWORM	287.			
COL - STATE LAND	WATER DAMAGE	13.	0.	0.	0.
COL - BLM LAND	DOUGLAS-FIR BEETLE	143.	180.	19.	98.
COL - BLM LAND	FIR ENGRAVER	479.	560.	28.	140.
COL - BLM LAND	MTN PINE BEETLE, PONDEROSA PI	114.	75.	1.	4.
COL - BLM LAND	MTN PINE BEETLE, WEST WHT PIN	3.	2.	0.	1.
COL - BLM LAND	MTN PINE BEETLE, LODGEPOLE PI	318.	609.	9.	43.
COL - BLM LAND	WESTERN PINE BEETLE	71.	19.	2.	10.
COL - BLM LAND	WESTERN SPRUCE BUDWORM	25.			
COL - OTHER FED.	DOUGLAS-FIR BEETLE	514.	436.	48.	240.
COL - OTHER FED.	FIR ENGRAVER	2927.	2403.	120.	601.
COL - OTHER FED.	MTN PINE BEETLE, PONDEROSA PI	643.	825.	8.	41.
COL - OTHER FED.	MTN PINE BEETLE, LODGEPOLE PI	258.	128.	2.	9.
COL - OTHER FED.	WESTERN PINE BEETLE	25.	12.	1.	6.
COL - PRIVATE LAND	DOUGLAS-FIR BEETLE	7412.	3606.	393.	1984.
COL - PRIVATE LAND	FIR ENGRAVER	25891.	30636.	1532.	7659.
COL - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI	6347.	5069.	51.	254.
COL - PRIVATE LAND	MTN PINE BEETLE, WEST WHT PIN	930.	672.	60.	302.
COL - PRIVATE LAND	MTN PINE BEETLE, LODGEPOLE PI	8041.	8655.	121.	606.
COL - PRIVATE LAND	WESTERN PINE BEETLE	2657.	1411.	151.	762.
COL - PRIVATE LAND	WESTERN SPRUCE BUDWORM	582.			
KAN - DIST. NO. 1	DOUGLAS-FIR BEETLE	525.	400.	44.	219.
KAN - DIST. NO. 1	ENGELMANN SPRUCE BEETLE	50.	49.	2.	12.
KAN - DIST. NO. 1	FIR ENGRAVER	266.	226.	11.	57.
KAN - DIST. NO. 1	MTN PINE BEETLE, WEST WHT PIN	680.	398.	35.	179.
KAN - DIST. NO. 1	MTN PINE BEETLE, LODGEPOLE PI	1413.	843.	12.	59.
KAN - DIST. NO. 1	WINTER DAMAGE	2645.	0.	0.	0.
KAN - STATE LAND	WINTER DAMAGE	115.	0.	0.	0.
KAN - PRIVATE LAND	DOUGLAS-FIR BEETLE	5.	3.	0.	2.
KAN - PRIVATE LAND	FIR ENGRAVER	15.	11.	1.	3.
KAN - PRIVATE LAND	WINTER DAMAGE	15.	0.	0.	0.
COLVILLE IR	DOUGLAS-FIR BEETLE	801.	450.	45.	225.
COLVILLE IR	FIR ENGRAVER	5076.	4127.	206.	1032.
COLVILLE IR	MTN PINE BEETLE, PONDEROSA PI	11701.	13312.	133.	666.
COLVILLE IR	MTN PINE BEETLE, LODGEPOLE PI	5423.	5192.	73.	363.
COLVILLE IR	WESTERN PINE BEETLE	7609.	5810.	587.	2963.
COLVILLE IR	WESTERN SPRUCE BUDWORM	15055.			
COL.IR - STATE LAND	MTN PINE BEETLE, PONDEROSA PI	2514.	1775.	18.	89.
COL.IR - STATE LAND	OREGON PINE IPS	80.			
COL.IR - STATE LAND	WESTERN PINE BEETLE	992.	328.	33.	167.
COL.IR - STATE LAND	WESTERN SPRUCE BUDWORM	12411.			
COL.IR - STATE LAND	WESTERN SPRUCE BUDWORM	783.			
COL.IR - STATE LAND	WESTERN SPRUCE BUDWORM	1092.			
COL.IR - BLM LAND	MTN PINE BEETLE, PONDEROSA PI	74.	28.	0.	1.
COL.IR - BLM LAND	WESTERN SPRUCE BUDWORM	560.			
COL.IR - OTHER FED.	MTN PINE BEETLE, PONDEROSA PI	65.	27.	0.	1.
COL.IR - PRIVATE LAND	DOUGLAS-FIR BEETLE	58.	16.	2.	8.
COL.IR - PRIVATE LAND	FIR ENGRAVER	138.	129.	6.	32.
COL.IR - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI	13567.	21864.	219.	1093.
COL.IR - PRIVATE LAND	MTN PINE BEETLE, LODGEPOLE PI	491.	350.	5.	24.
COL.IR - PRIVATE LAND	OREGON PINE IPS	73.			
COL.IR - PRIVATE LAND	WESTERN PINE BEETLE	2804.	2114.	213.	1077.
COL.IR - PRIVATE LAND	WESTERN SPRUCE BUDWORM	6385.			
COL.IR - PRIVATE LAND	WESTERN SPRUCE BUDWORM	667.			
COL.IR - PRIVATE LAND	WESTERN SPRUCE BUDWORM	899.			
UMATILLA IR	DOUGLAS-FIR BEETLE	193.	49.	5.	26.
UMATILLA IR	FIR ENGRAVER	1409.	439.	22.	110.
UMATILLA IR	MTN PINE BEETLE, PONDEROSA PI	141.	35.	0.	2.
UMATILLA IR	WESTERN PINE BEETLE	140.	10.	1.	7.

UMATILLA IR	WESTERN SPRUCE BUDWORM	CODE 1	28.			
UMATILLA IR	WESTERN SPRUCE BUDWORM	CODE 2	4568.			
UMATILLA IR	WESTERN SPRUCE BUDWORM	CODE 3	2455.			
UMATILLA IR	WESTERN SPRUCE BUDWORM	CODE 4	347.			
QUINALT IR	BEAR	LIGHT	334.			
QUINALT IR	BEAR	MEDIUM	596.			
QUINALT IR - PART 2	BEAR	LIGHT	202.			
QUINALT IR - PART 2	BEAR	MEDIUM	73.			
QUINALT IR - PART 2	BEAR	HEAVY	25.			
SPOKANE IR	DOUGLAS-FIR BEETLE		3.	0.	0.	0.
SPOKANE IR	FIR ENGRAVER		880.	590.	30.	148.
SPOKANE IR	MTN PINE BEETLE, PONDEROSA PI		4390.	2972.	30.	149.
SPOKANE IR	MTN PINE BEETLE, LODGEPOLE PI		28.	23.	0.	2.
SPOKANE IR	WESTERN PINE BEETLE		1097.	613.	62.	312.
SPOK. IR - OTHER FED.	MTN PINE BEETLE, PONDEROSA PI		8.	21.	0.	1.
SPOK. IR - PRIVATE LAND	FIR ENGRAVER		176.	149.	7.	37.
SPOK. IR - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI		527.	356.	4.	18.
SPOK. IR - PRIVATE LAND	MTN PINE BEETLE, LODGEPOLE PI		10.	8.	0.	1.
SPOK. IR - PRIVATE LAND	WESTERN PINE BEETLE		513.	216.	22.	110.
WARM SPRINGS IR	DOUGLAS-FIR BEETLE		53.	10.	2.	7.
WARM SPRINGS IR	FIR ENGRAVER		1185.	5460.	502.	2184.
WARM SPRINGS IR	MTN PINE BEETLE, PONDEROSA PI		1070.	360.	6.	25.
WARM SPRINGS IR	MTN PINE BEETLE, LODGEPOLE PI		1122.	597.	10.	42.
WARM SPRINGS IR	OREGON PINE IPS	LIGHT	61.			
WARM SPRINGS IR	OREGON PINE IPS	MEDIUM	145.			
WARM SPRINGS IR	WESTERN PINE BEETLE		482.	118.	19.	82.
WARM SPRINGS IR	WESTERN PINE BEETLE, POLE-SIZ		430.	70.	3.	12.
WARM SPRINGS IR	SILVER FIR BEETLE		53.	10.	0.	0.
WARM SPRINGS IR	WESTERN SPRUCE BUDWORM	CODE 2	4763.			
WARM SPRINGS IR	WESTERN SPRUCE BUDWORM	CODE 3	3080.			
WARM SPRINGS IR	WESTERN SPRUCE BUDWORM	CODE 4	592.			
WARM SPRINGS IR	NEEDLE CAST, LARCH	HEAVY	224.			
WARM SPRINGS IR	WATER DAMAGE		102.	0.	0.	0.
WS. IR - PRIVATE LAND	FIR ENGRAVER		3.	0.	0.	0.
WS. IR - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI		197.	61.	1.	4.
WS. IR - PRIVATE LAND	OREGON PINE IPS	MEDIUM	15.			
WS. IR - PRIVATE LAND	WESTERN PINE BEETLE		18.	6.	1.	4.
WS. IR - PRIVATE LAND	WESTERN PINE BEETLE, POLE-SIZ		160.	34.	1.	6.
YAKIMA IR	DOUGLAS-FIR BEETLE		50.	34.	4.	19.
YAKIMA IR	ENGELMANN SPRUCE BEETLE		25.	11.	1.	3.
YAKIMA IR	FIR ENGRAVER		4932.	3184.	175.	955.
YAKIMA IR	MTN PINE BEETLE, PONDEROSA PI		5454.	3027.	33.	181.
YAKIMA IR	MTN PINE BEETLE, WEST WBT PIN		6354.	3848.	320.	1733.
YAKIMA IR	MTN PINE BEETLE, LODGEPOLE PI		731.	576.	7.	40.
YAKIMA IR	MTN PINE BEETLE, WHITEBARK PI		25.	11.	0.	1.
YAKIMA IR	WESTERN PINE BEETLE		6325.	4361.	510.	2789.
YAKIMA IR	SILVER FIR BEETLE		175.	31.	0.	0.
YAKIMA IR	WESTERN SPRUCE BUDWORM	LIGHT	29117.			
YAKIMA IR	WESTERN SPRUCE BUDWORM	MEDIUM	12258.			
YAKIMA IR	WESTERN SPRUCE BUDWORM	HEAVY	10323.			
YAK. IR - PRIVATE LAND	FIR ENGRAVER		473.	376.	21.	113.
YAK. IR - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI		768.	636.	7.	38.
YAK. IR - PRIVATE LAND	MTN PINE BEETLE, LODGEPOLE PI		81.	40.	1.	3.
YAK. IR - PRIVATE LAND	WESTERN PINE BEETLE		275.	56.	7.	36.
YAK. IR - PRIVATE LAND	WESTERN SPRUCE BUDWORM	LIGHT	1701.			
YAK. IR - PRIVATE LAND	WESTERN SPRUCE BUDWORM	MEDIUM	3027.			
YAK. IR - PRIVATE LAND	WESTERN SPRUCE BUDWORM	HEAVY	2822.			
C. OR - STATE LAND	WESTERN PINE BEETLE		35.	15.	2.	9.
C. OR - STATE LAND	WESTERN SPRUCE BUDWORM	CODE 2	35.			
C. OR - BLM LAND	DOUGLAS-FIR BEETLE		654.	192.	20.	103.
C. OR - BLM LAND	FIR ENGRAVER		186.	85.	4.	21.
C. OR - BLM LAND	MTN PINE BEETLE, PONDEROSA PI		79.	39.	0.	2.
C. OR - BLM LAND	WESTERN PINE BEETLE		96.	21.	3.	14.
C. OR - BLM LAND	WESTERN SPRUCE BUDWORM	CODE 2	59.			

C.OR - BLM LAND	WESTERN SPRUCE BUDWORM	CODE 3	234.			
C.OR - PRIVATE LAND	DOUGLAS-FIR BEETLE		537.	259.	28.	141.
C.OR - PRIVATE LAND	FIR ENGRAVER		2421.	862.	43.	216.
C.OR - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI		2449.	1255.	13.	63.
C.OR - PRIVATE LAND	OREGON PINE IPS	MEDIUM	170.			
C.OR - PRIVATE LAND	WESTERN PINE BEETLE		182.	37.	5.	23.
C.OR - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 1	695.			
C.OR - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 2	10427.			
C.OR - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 3	6194.			
C.OR - PRIVATE LAND	WESTERN SPRUCE BUDWORM	CODE 4	110.			
COOS - STATE LAND	PORT ORFORD CEDAR ROOT DIS.		127.	0.	0.	0.
COOS - BLM LAND	DOUGLAS-FIR BEETLE		330.	67.	26.	115.
COOS - BLM LAND	DOUGLAS-FIR ENGRAVER		13.	4.	0.	0.
COOS - BLM LAND	FIR ENGRAVER		18.	3.	0.	1.
COOS - BLM LAND	FLATHEADED BORER		112.	26.	1.	4.
COOS - BLM LAND	PORT ORFORD CEDAR ROOT DIS.		180.	0.	0.	0.
COOS - OTHER FED.	PORT ORFORD CEDAR ROOT DIS.		8.	0.	0.	0.
COOS - PRIVATE LAND	DOUGLAS-FIR BEETLE		577.	126.	49.	214.
COOS - PRIVATE LAND	DOUGLAS-FIR ENGRAVER		13.	4.	0.	0.
COOS - PRIVATE LAND	FLATHEADED BORER		551.	129.	4.	19.
COOS - PRIVATE LAND	WESTERN PINE BEETLE		185.	53.	6.	27.
COOS - PRIVATE LAND	PORT ORFORD CEDAR ROOT DIS.		20308.	0.	0.	0.
COOS - PRIVATE LAND	BEAR	LIGHT	30.			
NE.WA - STATE LAND	DOUGLAS-FIR BEETLE		141.	48.	6.	26.
NE.WA - STATE LAND	FIR ENGRAVER		1641.	952.	55.	238.
NE.WA - STATE LAND	MTN PINE BEETLE, PONDEROSA PI		1294.	887.	11.	44.
NE.WA - STATE LAND	MTN PINE BEETLE, WEST WHT PIN		80.	43.	4.	19.
NE.WA - STATE LAND	MTN PINE BEETLE, LODGEPOLE PI		153.	162.	3.	11.
NE.WA - STATE LAND	WESTERN PINE BEETLE		289.	152.	19.	83.
NE.WA - BLM LAND	MTN PINE BEETLE, PONDEROSA PI		13.	8.	0.	0.
NE.WA - OTH FED.	MTN PINE BEETLE, PONDEROSA PI		432.	224.	3.	11.
NE.WA - PRIVATE LAND	DOUGLAS-FIR BEETLE		945.	966.	123.	532.
NE.WA - PRIVATE LAND	FIR ENGRAVER		7159.	4866.	282.	1216.
NE.WA - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI		19932.	15548.	187.	777.
NE.WA - PRIVATE LAND	MTN PINE BEETLE, LODGEPOLE PI		462.	267.	4.	19.
NE.WA - PRIVATE LAND	OREGON PINE IPS	HEAVY	23.			
NE.WA - PRIVATE LAND	WESTERN PINE BEETLE		2241.	961.	120.	520.
NE.WA - PRIVATE LAND	SAWFLY, PONDEROSA PINE	LIGHT	1186.			
SE.WA - BLM LAND	DOUGLAS-FIR BEETLE		8.	4.	0.	2.
SE.WA - BLM LAND	SPRUCE APHID	LIGHT	266.			
SE.WA - BLM LAND	BEAR	LIGHT	602.			
SE.WA - BLM LAND	BEAR	MEDIUM	75.			
SE.WA - PRIVATE LAND	SPRUCE APHID	LIGHT	6044.			
SE.WA - PRIVATE LAND	SPRUCE APHID	MEDIUM	1939.			
SE.WA - PRIVATE LAND	BEAR	LIGHT	2396.			
SE.WA - PRIVATE LAND	BEAR	MEDIUM	600.			
GLEN - STATE LAND	DOUGLAS-FIR BEETLE		18.	12.	1.	6.
GLEN - STATE LAND	FIR ENGRAVER		205.	152.	8.	38.
GLEN - STATE LAND	MTN PINE BEETLE, PONDEROSA PI		319.	399.	5.	24.
GLEN - STATE LAND	MTN PINE BEETLE, WEST WHT PIN		289.	74.	8.	39.
GLEN - STATE LAND	MTN PINE BEETLE, LODGEPOLE PI		103.	99.	1.	7.
GLEN - STATE LAND	WESTERN PINE BEETLE		2655.	1389.	146.	735.
GLEN - STATE LAND	WESTERN SPRUCE BUDWORM	LIGHT	494.			
GLEN - STATE LAND	WESTERN SPRUCE BUDWORM	MEDIUM	1050.			
GLEN - STATE LAND	WESTERN SPRUCE BUDWORM	HEAVY	588.			
GLEN - BLM LAND	MTN PINE BEETLE, PONDEROSA PI		56.	33.	0.	2.
GLEN - BLM LAND	WESTERN PINE BEETLE		30.	10.	1.	5.
GLEN - BLM LAND	SILVER FIR BEETLE		18.	8.	0.	6.
GLEN - BLM LAND	WESTERN SPRUCE BUDWORM	LIGHT	33.			
GLEN - OTHER FED.	MTN PINE BEETLE, PONDEROSA PI		252.	155.	2.	9.

GLEN - PRIVATE LAND	DOUGLAS-FIR BEETLE		223.	79.	9.	44.
GLEN - PRIVATE LAND	FIR ENGRAVER		1495.	792.	40.	198.
GLEN - PRIVATE LAND	MTN PINE BEETLE, PONDEROSA PI		5180.	3282.	39.	197.
GLEN - PRIVATE LAND	MTN PINE BEETLE, WEST WHT PIN		68.	9.	1.	5.
GLEN - PRIVATE LAND	MTN PINE BEETLE, LODGEPOLE PI		86.	68.	1.	5.
GLEN - PRIVATE LAND	WESTERN PINE BEETLE		4045.	2261.	238.	1200.
GLEN - PRIVATE LAND	SILVER FIR BEETLE		45.	21.	0.	15.
GLEN - PRIVATE LAND	WESTERN SPRUCE BUDWORM	LIGHT	17452.			
GLEN - PRIVATE LAND	WESTERN SPRUCE BUDWORM	MEDIUM	9131.			
GLEN - PRIVATE LAND	WESTERN SPRUCE BUDWORM	HEAVY	4576.			
CRATER LAKE NP	FIR ENGRAVER		1398.	792.	59.	301.
CRATER LAKE NP	MTN PINE BEETLE, PONDEROSA PI		15.	4.	0.	0.
CRATER LAKE NP	MTN PINE BEETLE, LODGEPOLE PI		3940.	2464.	35.	173.
MT. RAINIER NP	DOUGLAS-FIR BEETLE		40.	11.	2.	9.
MT. RAINIER NP	MTN PINE BEETLE, WEST WHT PIN		119.	39.	4.	18.
MT. RAINIER NP	MTN PINE BEETLE, LODGEPOLE PI		48.	5.	0.	0.
MT. RAINIER NP	MTN PINE BEETLE, WHITEBARK PI		100.	46.	0.	2.
MT. RAINIER NP	BALSAM WOOLLY ADELGID	LIGHT	1880.			
MT. RAINIER NP	BALSAM WOOLLY ADELGID	MEDIUM	178.			
MT. RAINIER NP	WATER DAMAGE		337.	0.	0.	0.
OLYMPIC NP	DOUGLAS-FIR BEETLE		50.	18.	4.	16.
OLYMPIC NP	MTN PINE BEETLE, WEST WHT PIN		81.	45.	4.	18.
OLYMPIC NP	DOUGLAS-FIR BEETLE		401.	86.	18.	77.
OLYMPIC NP	ENGELMANN SPRUCE BEETLE		108.	15.	1.	4.
OLYMPIC NP	FIR ENGRAVER		222.	38.	3.	12.
OLYMPIC NP	MTN PINE BEETLE, WEST WHT PIN		12061.	2529.	233.	1011.
OLYMPIC NP	SILVER FIR BEETLE		150.	92.	21.	92.
OLYMPIC NP	BALSAM WOOLLY ADELGID	LIGHT	8749.			
OLYMPIC NP	BALSAM WOOLLY ADELGID	MEDIUM	1277.			
OLYMPIC NP	BALSAM WOOLLY ADELGID	HEAVY	232.			
OLYMPIC NP	SPRUCE APHID	LIGHT	405.			
OLYMPIC NP	BEAR	MEDIUM	76.			
OLYMPIC NP	WATER DAMAGE		168.	0.	0.	0.
OLYMPIC NP	WIND		86.	0.	0.	0.
NO. CASCADES NP	MTN PINE BEETLE, WEST WHT PIN		1214.	241.	25.	108.
NO. CASCADES NP	MTN PINE BEETLE, WHITEBARK PI		50.	11.	0.	0.
NO. CASCADES NP	BALSAM WOOLLY ADELGID	LIGHT	594.			
NO. CASCADES NP	BALSAM WOOLLY ADELGID	MEDIUM	180.			
NO. CASCADES # 2	ENGELMANN SPRUCE BEETLE		18.	45.	3.	11.
NO. CASCADES # 2	FIR ENGRAVER		43.	180.	12.	54.
NO. CASCADES NRA	ENGELMANN SPRUCE BEETLE		40.	49.	3.	12.
NO. CASCADES NRA	MTN PINE BEETLE, WEST WHT PIN		98.	34.	4.	15.
NO. CASCADES NRA	MTN PINE BEETLE, LODGEPOLE PI		1676.	4075.	65.	285.
NO. CASCADES NRA	WATER DAMAGE		68.	0.	0.	0.
MAKAH IR	BEAR	LIGHT	170.			
MAKAH IR	BEAR	MEDIUM	199.			