

2006 Forest Health Survey Summary Data

Surveys conducted from July to September 2006

Data is hectares affected (all severity classes)

Bark Beetles				
Disturbance Type (Pest Code)	Coastal Forest Region	Southern Interior Forest Region	Northern Interior Forest Region	Whole Province
IBM=Mountain Pine Beetle	216,943	5,127,425	3,899,040	9,243,408
IBS=Spruce Beetle	1,170	82,323	167	83,660
IBB=Western Balsam Bark Beetle	11,599	283,527	899,041	1,194,167
IBD=Douglas-fir Beetle	1,406	56,112	3,191	60,709
IBF=Fir engraver beetle	0	0	0	0
IBI=Engraver beetle	0	0	0	0
IBW=Western Pine Beetle	0	1	0	1
IBL=Lodgepole Pine Beetle	0	0	0	0
IBT=Red Turpentine Beetle	0	0	0	0
Total Bark Beetles	231,118	5,549,386	4,801,440	10,581,944

Defoliators				
Disturbance Type (Pest Code)	Coastal Forest Region	Southern Interior Forest Region	Northern Interior Forest Region	Whole Province
ID=Defoliators	72	419	0	491
ID6=Aspen Leaf Miner	0	12,878	0	12,878
IDH=Western Blackheaded Budworm	0	1,306	0	1,306
IDB=2-Year Budworm	33	63,490	4,164	67,686
IDE=Spruce Budworm	0	0	0	0
IDL=Western Hemlock Looper	184	1,001	553	1,738
IDS=Conifer Sawflies	0	0	0	0
IDK=Northern Tent Caterpillar	0	0	0	0
IDF=Forest Tent Caterpillar	0	241	0	241
IDW=Western Spruce Budworm	20,807	755,916	0	776,723
IDN=Birch Leaf Miner	0	4,635	0	4,635
IDU=Satin Moth	292	6	0	298
IAS=Green Spruce Aphid	195	0	0	195
IDI=Pine needle sheathminer	0	0	0	0
IDT=Douglas-fir Tussock Moth	0	0	0	0
IDX=Large Aspen Tortrix	0	0	123,312	123,312
IDP=Larch Sawfly	0	0	0	0
IDR=Alder Sawfly	180	0	0	180
IDZ=False Hemlock Looper	0	0	0	0
Total Defoliators	21,763	839,891	128,142	989,797

Abiotics				
Disturbance Type (Pest Code)	Coastal Forest Region	Southern Interior Forest Region	Northern Interior Forest Region	Whole Province
NB=Fire	3,185	52,805	104,811	160,801
NCA=Aspen Decline	63	0	0	63

NCB=Birch Decline	0	0	0	0
NCY=Yellow Cedar Decline	4,137	0	0	4,137
NW=Windthrow	0	1,587	2,759	4,346
ND=Drought	1,052	24	2,033	3,110
NF=Flooding	199	161	1,297	1,657
NGK=Shoot/Bud Frost Kill	0	0	0	0
NS=Slide	103	7	56	166
NR=Redbelt	0	0	309	309
NB=Fire	3,185	52,805	104,811	160,801
Total Abiotics	8,740	54,584	111,282	174,606

Diseases				
Disturbance Type (Pest Code)	Coastal Forest Region	Southern Interior Forest Region	Northern Interior Forest Region	Whole Province
DFL=Pine Needle Cast	0	0	0	0
DRA=Armillaria Root Disease	0	104	0	104
DMP=Lodgepole Pine Dwarf Mistletoe	0	0	0	0
DSB=White Pine Blister Rust	0	0	0	0
DSC=Comandra Blister Rust	0	0	0	0
DFH=Larch Needle Blight	0	68,228	0	68,228
DRB=Blackstain root disease	0	0	0	0
DFM=Larch Needle Cast	0	0	0	0
DFS=Redband (Dothistroma) Needle Blight	0	0	2,891	2,891
DLV=Venturia spp	0	0	0	0
Total Diseases	193	68,332	3,739	72,264

Animals				
Disturbance Type (Pest Code)	Coastal Forest Region	Southern Interior Forest Region	Northern Interior Forest Region	Whole Province
AB=Bear	0	62	0	62
AC=Cattle	0	0	7	7
AP=Porcupine	0	0	0	0
AD=Deer	0	0	0	0
Total Animals	0	62	7	69

Total Other (Abiotics, Diseases & Animals)				
	Coastal Forest Region	Southern Interior Forest Region	Northern Interior Forest Region	Whole Province
	8,933	122,978	115,028	246,939

Overall Totals Per Year				
	Coastal Forest Region	Southern Interior Forest Region	Northern Interior Forest Region	Whole Province
Total Year	261,815	6,758,211	5,044,610	11,818,680

(1) - Diseases other than foliage diseases are very difficult to accurately map using aerial overview style surveys. The totals presented here are not an accurate depiction of dwarf mistletoe and root disease incidence in the province. More accurate data is obtained using ground surveys.

As in previous years, nearly all of the province was surveyed with the exceptions of portions of the Mid-Coast and Cassiar areas due to weather and resource constraints.

(2) Fire data was collected by the overview survey and augmented, where available, with data provided by MOFR Protection Branch.