

2005 Forest Health Survey Summary Data

Surveys conducted from July to September 2005

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	285,675	4,770,224	3,680,169	8,736,068
IBS=Spruce Beetle	4,983	41,199	9,446	55,628
IBB=Western Balsam Bark Beetle	30,824	383,136	1,432,353	1,846,312
IBD=Douglas-fir Beetle	1,586	41,166	0	42,752
IBF=Fir engraver beetle	0	2,483	0	2,483
IBI=Engraver beetle	0	0	0	0
IBW=Western Pine Beetle	0	71	0	71
IBL=Lodgepole Pine Beetle	0	0	0	0
IBT=Red Turpentine Beetle	0	0	0	0
Total Bark Beetles	323,067	5,238,279	5,121,968	10,683,314

Defoliators				
Disturbance Type (Pest Code)	Coastal Forest Region	Southern Interior Forest Region	Northern Interior Forest Region	Whole Province
ID=Defoliators	1,066	0	0	1,066
IDH=Western Blackheaded Budworm	0	7	0	7
IDB=2-Year Budworm	0	1,998	5,457	7,455
IDE=Spruce Budworm	0	0	703	703
IDL=Western Hemlock Looper0	0	3,732	0	3,732
IDS=Conifer Sawflies	0	0	0	0
IDK=Northern Tent Caterpillar	0	0	0	0
IDF=Forest Tent Caterpillar	0	148	0	148
IDW=Western Spruce Budworm	5,551	458,412	0	463,962
IDN=Birch Leaf Miner	0	2,842	1,263	4,105
IDU=Satin Moth	0	394	0	394
IAS=Green Spruce Aphid	0	0	0	0
IDI=Pine needle sheathminer	0	0	0	0
IDT=Douglas-fir Tussock Moth	0	56	0	56
IDX=Large Aspen Tortrix	0	0	132,494	132,494
IDP=Larch Sawfly	0	0	0	0
IDZ=False Hemlock Looper	0	0	0	0
Total Defoliators	6,616	467,589	139,494	614,121

Abiotics				
Disturbance Type (Pest Code)	Coastal Forest Region	Southern Interior Forest Region	Northern Interior Forest Region	Whole Province
NB=Fire	1,134	17,246	20,649	39,029
NW=Windthrow	0	2,567	14,181	16,49
ND=Drought	0	39	98	137

NF=Flooding	111	397	2,430	2,938
NGK=Shoot/Bud Frost Kill	0	0	0	0
NS=Slide	35	168	152	354
NR=Redbelt	0	2,314	24,325	26,639
Total Abiotics	1,279	22,731	61,836	85,846

Diseases				
Disturbance Type (Pest Code)	Coastal Forest Region	Southern Interior Forest Region	Northern Interior Forest Region	Whole Province
DFL=Pine Needle Cast	704	0	0	704
DRA=Armillaria Root Disease	0	319	0	319
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 Cast	0	672	0	672
DRB=Blackstain root disease	0	0	0	0
DFM=Larch Needle Blight	0	0	0	0
DFS=Redband (Dothistroma) Needle Blight	0	0	1,690	1,690
DLV=Venturia spp	0	0	0	0
Total Diseases	704	991	1,690	3,386

Animals				
Disturbance Type (Pest Code)	Coastal Forest Region	Southern Interior Forest Region	Northern Interior Forest Region	Whole Province
AB=Bear	0	1,382	373	1,755
AP=Porcupine	0	0	0	0
AD=Deer	0	0	0	0
Total Animals	0	1,382	373	1,755

Total Other (Abiotics, Diseases & Animals)				
	Coastal Forest Region	Southern Interior Forest Region	Northern Interior Forest Region	Whole Province
	1,984	25,105	63,899	90,987

Overall Totals Per Year				
	Coastal Forest Region	Southern Interior Forest Region	Northern Interior Forest Region	Whole Province
Total Year	331,667	5,781,181	5,325,784	11,388,422

(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.