

2021 Aerial Overview Summary for British Columbia

	Great Bear Rainforest			Regions					Provincial	
	South Coast	West Coast	Cariboo	Thompson/ Okanagan	Kootenay/ Boundary	Skeena	Omineca	Northeast	Total	
Bark Beetles										
IBM=Mountain Pine Beetle	4,442	674	13	35,530	1,431	7,912	4,034	15,851	3,350	73,238
IBS=Spruce Beetle	455	22	1,856	11,077	6,504	6,371	51,918	319,260	73,206	470,668
IBB=Western Balsam Bark Beetle	46,914	6,510	0	76,410	42,572	37,880	1,177,766	1,001,474	166,998	2,556,524
IBD=Douglas-fir Beetle	270	1,472	857	81,934	6,607	12,831	178	1,889	0	106,039
IBF=Fir engraver beetle	0	0	0	0	0	0	0	0	0	0
IBP=Twig beetle	0	0	0	0	0	0	0	0	0	0
IBI=Engraver Beetle (Ips species)	0	0	0	0	0	0	0	0	0	0
IBW=Western Pine Beetle	0	0	0	0	1	0	0	0	0	1
IBL=Lodgepole Pine Beetle	0	0	0	0	0	0	0	0	0	0
IBT=Red Turpentine Beetle	0	0	0	0	0	0	0	0	0	0
IB=Unknown Bark Beetle Mortality	0	0	0	0	0	0	0	0	1	1
IWW=Warrens Root Collar Weevil	0	0	0	0	0	0	0	0	0	0
Total All BB=	52,081	8,678	2,727	204,951	57,115	64,994	1,233,896	1,338,474	243,554	3,206,471
Defoliators										
ID=Defoliators	166	0	0	234	26	0	1,171	0	464	2,061
IAB=Balsam Woolly Adelgid	352	464	337	0	8	0	0	0	0	1,162
IAS=Green Spruce Aphid	0	0	0	0	0	0	0	0	0	0
ID1=Leaf Beetles	0	0	0	0	0	0	0	0	0	0
ID2=Bruce spanworm	0	0	0	0	0	0	0	0	0	0
ID6=Aspen Leaf Miner	646	0	0	199,038	27,145	21,704	406,682	203,425	469,229	1,327,869
IDA=Black Army Cutworm	0	0	0	0	0	0	0	0	0	0
IDB=2-Year Budworm	0	0	0	4,628	1,534	73	227,374	60,892	15,548	310,049
IDC=Larch casebearer	0	0	0	0	0	33	0	0	0	33
IDD=Western Winter Moth	0	0	0	0	0	0	0	0	0	0
IDE=Eastern Spruce Budworm	0	0	0	0	0	0	0	0	36,449	36,449
IDF=Forest Tent Caterpillar	0	0	0	0	51	0	0	0	0	51
IDH=Western Blackheaded Budworm	0	0	217	0	0	0	0	0	0	217
IDI=Pine needle sheathminer	0	0	0	0	0	0	0	0	0	0
IDK=Northern Tent Caterpillar	0	0	0	0	0	0	0	0	0	0
IDL=Western Hemlock Looper	0	20,806	0	10,432	562	13,209	0	6,085	0	51,093
IDN=Birch Leaf Miner	0	0	0	0	731	207	0	0	291	1,229
IDP=Larch Sawfly	0	0	0	0	0	0	0	0	0	0
IDR=Alder Sawfly	0	0	0	0	0	0	0	0	0	0
IDS=Conifer Sawflies	0	0	0	0	0	0	0	0	0	0
IDT=Douglas-fir Tussock Moth	0	0	0	394	94	0	0	0	0	489
IDU=Satin Moth	0	0	0	0	315	0	0	3,569	0	3,884
IDW=Western Spruce Budworm	0	129	0	49,374	3,477	0	0	0	0	52,981
IDX=Large Aspen Tortrix	0	0	0	0	0	0	0	490	221,849	222,339
IDZ=False Hemlock Looper	0	0	0	0	0	0	0	0	0	0
IEL=Logepole Needle Miner	0	0	0	0	0	0	0	0	0	0
IEB=Hemlock Sawfly	0	0	0	0	0	0	0	0	0	0
IEG=Lodgepole Pine Sawfly	0	0	0	0	0	0	0	0	0	0
Total Defoliators=	1,163	21,400	554	264,100	33,944	35,226	635,227	274,460	743,830	2,009,904
Other										
N	0	0	251	0	0	0	0	0	0	251
NAV=Avalanche or snow slide	0	0	0	0	0	0	0	0	0	0
NB=Fire	315	7,516	133	147,141	471,995	77,578	28,681	101,237	29,034	863,630
NBP=Post Fire	617	175	0	2,956	604	83	2,614	3,788	164	11,000
NCA=Aspen decline	0	0	0	166	217	0	0	0	15	398
NCB=Birch decline	0	0	0	0	0	0	0	0	0	0
NCF=Douglas-fir decline	0	0	0	0	0	0	0	0	0	0
NCY=Yellow cedar decline	7,802	117	2,763	0	0	0	716	0	0	11,397
NDM=Drought Mortality	1	457	16	76	8	0	1	0	0	558
NDF=Drought Foliage	1,495	1,732	5,433	6,667	85,077	5,892	281	288	1,480	108,345
NE=Cedar Flagging	0	0	0	0	0	0	0	0	0	0
NF=Flooding	198	165	520	3,825	35	105	568	492	14,094	20,002
NGK=Shoot/Bud Frost Kill	0	0	0	4,628	648	0	1	223	1,375	6,874
NH=Hail	0	0	0	0	0	0	0	0	0	0
NF=Fumekill	0	0	0	0	0	0	0	0	0	0
NN=Road Salt	0	0	0	0	0	0	0	0	0	0
NS=Slide	1,209	1,111	914	1	0	0	87	18	377	3,716
NR=Redbelt	0	0	0	0	0	0	0	0	2,040	2,040

NW=Windthrow	97	1	2,473	47	0	499	1	504	9,002	12,623
NY=Snow/Ice	0	0	0	0	0	0	0	7	65	72
NYB=Snow/Ice Breakage	0	0	0	0	0	0	0	0	124	124
NYP=Snow/Ice Press	0	0	0	0	0	0	0	17	4,496	4,513
TC=Treatment Chemical	0	0	0	0	0	0	0	0	0	0
TM=Treatment Mechanical	0	0	0	0	0	0	0	0	0	0
Total Abiotics=	11,732	11,273	12,503	165,507	558,583	84,158	32,950	106,556	57,645	1,045,542

Diseases										
DF=Diseases	0	0	0	0	24	12	0	0	3,343	3,379
DFB=Delphinella needle cast	0	0	0	0	0	0	0	0	0	0
DFC=Large-spored Spruce-labrador Tea Rust	0	0	0	0	0	0	0	0	276	276
DFE=Elytroderma Needle Cast	0	0	0	0	0	0	0	0	0	0
DFG=Cottonwood Leaf Rust	0	0	0	0	75	0	0	0	0	75
DFH=Larch Needle Blight	0	0	0	0	681	10,847	0	0	0	11,529
DFK=Septoria Leaf Spot	0	0	0	0	0	0	0	0	0	0
DFL=Lophodermella Needle Cast	0	0	0	220	1,720	0	3,127	14,471	441	19,980
DFM=Larch Needle Cast	0	0	0	0	0	0	0	0	0	0
DFO=Lophodermium Needle Cast	0	0	0	0	0	0	0	0	0	0
DFR=Douglas-fir Needle Cast	0	0	0	0	0	0	0	0	0	0
DFS=Dothistroma Needle Blight	0	0	0	4,735	925	24	7,677	4,373	0	17,734
DFZ=Rhizosphaera Needle Cast	0	0	0	0	0	0	0	0	0	0
DL=Unknown Dieback	0	0	0	0	0	0	0	0	0	0
DLV=Venturia Blight	1,352	0	0	0	0	0	1,761	1,069	562	4,744
DMP=Lodgepole Pine Dwarf Mistletoe	0	0	0	0	0	0	0	0	0	0
DR=Unknown Root Disease	0	0	0	0	0	0	0	0	0	0
DRA=Armillaria Root Disease	1	5	48	0	0	0	0	0	0	54
DRB=Blackstain root disease	0	0	0	0	0	0	0	0	0	0
DRC=Laminated Root Disease (CW)	0	0	0	0	0	0	0	0	0	0
DRL=Laminated Root Disease	0	7	28	0	0	0	0	0	0	34
DSB=White Pine Blister Rust	77	799	3,377	0	35	0	0	0	0	4,288
DSC=Comandra Blister Rust	0	0	0	0	0	0	1	0	0	1
DSG=Western Gall Rust	0	0	0	0	0	0	0	0	0	0
PDT=Cedar Leaf Blight	0	0	0	0	0	0	0	0	0	0
Total Diseases=	1,429	810	3,452	4,954	3,461	10,884	12,567	19,913	4,621	62,093
Animals										
A=Animals	0	0	0	0	0	0	0	0	0	0
AB=Bear	17	79	3	373	0	92	0	145	2,842	3,551
AD=Deer	0	0	101	0	0	0	0	0	0	101
AH=Hare	0	0	0	0	0	0	31	1	0	31
AP=Porcupine	0	0	0	2	0	0	0	1	14	16
Total Animals=	17	79	104	375	0	92	31	146	2,856	3,699
Total Other=	13,179	12,162	16,059	170,836	562,044	95,134	45,547	126,615	65,122	1,106,698
Total =	66,423	42,240	19,339	639,887	653,104	195,354	1,914,671	1,739,550	1,052,505	6,327,709