

2022 Aerial Overview Survey Summary for British Columbia

Forest Health Factor	Regions									Provincial
	Great Bear Rainforest	Cariboo	Kootenay/ Boundary	Northeast	Omineca	Skeena	South Coast	Thompson/ Okanagan	West Coast	Total
Animals										
A=Animals	0	0	0	0	1	20	1	0	0	22
AB=Bear	3	131	115	0	0	1	0	81	1	332
AH=Hare	0	0	0	0	0	88	0	0	0	88
AP=Porcupine	0	0	0	0	0	40	0	0	0	40
Total Animal	3	131	115	0	1	150	1	81	1	481
Diseases										
D = Diseases	2,693	0	0	0	0	13,648	0	0	0	16,342
DFC=Large-spored Spruce-labrador Tea Rust	0	0	0	0	0	0	0	0	0	0
DFH=Larch Needle Blight	0	0	1,677	0	0	0	0	0	0	1,677
DFL=Lophodermella Needle Cast	0	0	0	0	0	72	0	0	1	73
DFS=Dothistroma Needle Blight	0	72	0	0	0	6,245	0	0	0	6,317
DLV=Venturia Blight	0	0	0	459	23	1,122	28	0	0	1,632
DRA=Armillaria Root Disease	0	0	0	0	0	0	1	0	36	37
DRL=Laminated Root Disease	1	0	0	0	0	0	136	0	62	199
DSB=White Pine Blister Rust	1	0	0	0	0	0	5	0	504	510
DSC=Comandra Blister Rust	0	0	0	0	0	2	0	0	0	2
Total Disease	2,695	72	1,677	459	23	21,090	170	0	603	26,789
Bark Beetles										
IB=Unknown Bark Beetle Mortality	0	0	0	0	61	0	0	0	0	61
IBB=Western Balsam Bark Beetle	25,155	54,785	40,949	54,494	505,611	1,320,697	3,031	63,687	0	2,068,410
IBD=Douglas0fir Beetle	2	19,292	15,849	0	40	68	395	9,951	16	45,613
IBL=Lodgepole Pine Beetle	0	0	0	1	0	126	0	0	0	126
IBM=Mountain Pine Beetle	479	32,919	5,585	3	2,947	1,919	307	6,495	166	50,820
IBS=Spruce Beetle	370	21,820	6,084	22,343	51,367	34,796	175	4,868	1,745	143,569
IBW=Western Pine Beetle	0	0	1	0	0	0	0	3	0	4
Total Bark Beetle	26,006	128,817	68,468	76,841	560,025	1,357,606	3,908	85,004	1,927	2,308,602
Defoliators										
IAB=Balsam Woolly Adelgid	79	0	0	0	0	0	23	0	27	128
ID=Defoliators	36,205	16	0	0	0	19,024	400	0	0	55,645
ID6=Aspen Leaf Miner	0	15,776	5,261	0	20,589	207,381	982	7,489	0	257,478
IDB=20Year Budworm	0	9,789	0	15,831	22,061	19	0	12,885	0	60,585

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IDH=Western Blackheaded Budworm	0	0	0	0	0	0	0	0	19,103	19,103
IDI=Pine needle sheathminer	0	45	0	0	0	0	0	0	0	45
IDL=Western Hemlock Looper	0	1,985	24,035	0	590	0	583	10,448	0	37,639
IDS=Conifer Sawflies	0	0	0	0	0	0	2,570	0	467	3,037
IDT=Douglas0fir Tussock Moth	0	68	0	0	0	0	91	0	0	159
IDU=Satin Moth	0	0	0	0	1,261	225	0	71	0	1,557
IDW=Western Spruce Budworm	0	117,308	0	0	0	0	4,462	19,841	0	141,611
IDX=Large Aspen Tortrix	0	0	0	4,091	0	8,107	0	0	0	12,199
IEG=Lodgepole Pine Sawfly	0	0	0	0	0	0	0	0	48	48
Total Defoliators	36,284	144,988	29,295	19,922	44,500	234,757	9,110	57,211	19,646	595,712
Abitotic										
NB=Fire	61	0	0	0	3	6,511	483	1	0	7,059
NBP=Post Fire	0	1,162	521	475	603	4,369	0	103	41	7,274
NCA=Aspen decline	0	321	0	0	0	0	0	66	0	387
NCY=Yellow cedar decline	2,338	0	0	0	0	154	59	0	747	3,298
ND=Drought	0	246	0	0	0	123	79	0	1	449
NDF=Drought Foliage	0	132	0	2,050	203	0	2	14	36	2,436
NDM=Drought Mortality	1	5	0	0	0	0	3	28	314	350
NE=Cedar Flagging	0	0	14,142	0	0	0	0	0	0	14,142
NF=Fumekill	155	2,184	15	31	109	608	36	20	74	3,232
NS=Slide	1,039	2	1	92	10	173	42	0	477	1,836
NW=Windthrow	0	0	101	503	0	0	3	12	144	764
NY=Snow/Ice	0	0	0	0	0	0	0	0	6	6
TM=Treatment Mechanical	0	0	0	0	0	0	0	0	0	0
Total Abiotic=	3,595	4,051	14,781	3,151	928	11,938	707	244	1,839	41,234
Total Other	0	0	0	0	0	3,561	60	60	0	3,681

The full dataset can be accessed at: [www.for.gov.bc.ca - /ftp/HFP/external!/publish/Aerial_Overview/2022/Datasets/](http://www.for.gov.bc.ca/-/ftp/HFP/external!/publish/Aerial_Overview/2022/Datasets/)

Spatial Data can be accessed at: [www.for.gov.bc.ca - /ftp/HFP/external!/publish/Aerial_Overview/2022/Spatial_Data/](http://www.for.gov.bc.ca/-/ftp/HFP/external!/publish/Aerial_Overview/2022/Spatial_Data/)