

2023 Aerial Overview Survey Summary for British Columbia

Forest Health Factor	Regions								Provincial
	Cariboo	Kootenay/ Boundary	Northeast	Omineca	Skeena	South Coast	Thompson/ Okanagan	West Coast	Total
Animals									
AB=Bear	25	41	108	65	1	25	24	148	435
AD=Deer	0	0	0	0	0	0	0	31	31
AP=Porcupine	0	0	0	62	0	0	0	0	62
CVR=Lodgepole Pine (Pl) Cone Borer	0	0	0	0	0	0	0	0	0
Total Animal	25	41	108	127	1	25	24	179	529
Diseases									
DFH=Larch Needle Blight	0	3,295	0	0	0	0	0	0	3,295
DFL=Pine Needle Cast	0	0	0	0	2,142	0	0	0	2,142
DFS=Dothistroma Needle Blight	0	0	0	0	14,593	0	0	0	14,593
DLV=Aspen-Poplar Twig Blight	0	0	581	1,331	1,764	0	0	0	3,677
DRA=Armillaria Root Disease	0	0	0	0	0	0	0	100	100
DRL=Laminated Root Rot	0	0	0	0	0	3	0	9	11
DSB=White Pine Blister Rust	0	0	0	0	0	14	43	114	170
DSC=Comandra Blister Rust	0	0	0	18	0	0	0	0	18
IAB=Balsam Woolly Adelgid	0	0	0	0	0	2	0	109	111
IAS=Green Spruce Aphid	0	0	0	0	0	0	0	1,014	1,014
Total Disease	0	3,295	581	1,349	18,498	19	43	1,345	25,130
Bark Beetles									
IBB=Western Balsam Bark Beetle	22,930	29,120	29,103	433,430	1,537,495	1,578	73,886	37,001	2,164,542
IBD=Douglas-fir Beetle	2,959	7,777	0	97	66	150	5,267	845	17,161
IBL=Lodgepole Pine Beetle	0	0	0	0	182	0	0	0	182
IBM=Mountain Pine Beetle	17,318	11,843	23	1,988	5,072	531	4,232	1,837	42,845
IBS=Spruce Beetle	511	2,396	12,000	17,471	62,132	358	352	414	95,633
IBT=Red Turpentine Beetle	0	0	0	0	0	0	1	0	1
Total Bark Beetles	43,718	51,136	41,126	452,986	1,604,946	2,616	83,737	40,097	2,320,363
Defoliators									
ID=Defoliators	0	0	0	0	0	0	189	0	189
ID6=Aspen Leaf Miner	4,728	7,837	14,751	27,618	50,207	0	3,042	0	108,183
IDB=Two-Year Budworm	2,396	30	0	10,972	258,320	0	13,038	0	284,756
IDE=Eastern Spruce Budworm	0	0	3,221	0	0	0	0	0	3,221
IDH=Western Blackheaded Budworm	0	0	0	0	0	0	0	22,155	22,155

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IDL=Western Hemlock Looper	476	960	0	0	0	237	66,520	0	68,192
IDU=Satin Moth	0	0	0	675	171	0	0	0	846
IDW=Western Spruce Budworm	73,152	0	0	0	173	35,079	210,993	0	319,397
IDX=Large Aspen Tortrix	0	0	9,070	740	7,482	0	0	0	17,292
IEB=Hemlock Sawfly	0	0	0	0	24,388	0	0	237	24,625
Total Defoliators	80,752	8,827	27,042	40,005	340,740	35,316	293,780	22,392	848,856
Abiotics									
NB=Fire	60,928	47,822	1,833,180	437,738	192,480	22,174	195,497	57,665	2,847,484
NBP=Post-Burn Mortality	3,640	0	246	1,127	1,062	2,595	9,579	31	18,280
NCA=Aspen Decline	77	0	0	0	0	0	11	0	88
NCY=Yellow Cedar (Yc) Decline	0	0	0	0	3,063	34	0	2,508	5,605
ND=Drought	0	255	0	1,242	3,358	22	7	259	5,145
NDF=Drought - Foliage Loss/Damage	25,528	40,862	8	13,052	18	155	195,549	28,012	303,185
NDM=Drought - Mortality	15	0	0	0	0	410	862	362	1,649
NDW=Woodborer	1,447	104	0	0	0	0	3,184	0	4,735
NE=Cedar Flagging	13,689	0	0	12,401	0	0	211	0	26,301
NF=Flooding	1,344	135	9	61	658	71	13	437	2,728
NL=Lightning	0	0	0	0	48	0	0	0	48
NS=Slide	0	18	71	23	233	109	0	734	1,187
NW=Windthrow	0	55	61	2,973	521	1	0	71	3,682
NY=Snow or Ice	0	0	5	0	0	0	0	0	5
NYP=Snow Press	0	0	9	0	0	0	0	0	9
TM=Other Mechanical Damage (non-logging)	0	0	0	0	0	0	0	1	1
Total Abiotics	106,668	89,251	1,833,589	468,617	201,442	25,571	404,914	90,080	3,220,133
Total Region	231,164	152,550	1,902,446	963,083	2,165,627	63,548	782,499	154,094	6,415,010

The full dataset can be accessed at: [www.for.gov.bc.ca - /ftp/HFP/external!/publish/Aerial_Overview/2023/Datasets/](http://www.for.gov.bc.ca/-/ftp/HFP/external!/publish/Aerial_Overview/2023/Datasets/)

Spatial Data can be accessed at: [www.for.gov.bc.ca - /ftp/HFP/external!/publish/Aerial_Overview/2023/Spatial_Data/](http://www.for.gov.bc.ca/-/ftp/HFP/external!/publish/Aerial_Overview/2023/Spatial_Data/)