



NEWFOUNDLAND AND LABRADOR FOREST FIRE STATISTICS

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Government of Newfoundland and Labrador
Department of Natural Resources
Forestry and Agrifoods Agency
Forestry Services Branch

NEWFOUNDLAND AND LABRADOR FOREST FIRE STATISTICS

REPORTING YEAR: 2012

The following statistics were compiled by the Fire Management & Co-ordination Section of the Forest Engineering and Industry Services Division.

TOTAL FIRES

REGION	TOTAL
Eastern	81
Western	30
Labrador	87
Total:	198

AREA AND FOREST TYPE IN HECTARES (HA)

REGION	TOTAL AREA	PRODUCTIVE	NON-PRODUCTIVE
Eastern	952.9	13.5	939.4
Western	828.1	222.0	606.1
Labrador	223,746.1	202.8	223,543.3
Total:	225,527.1	438.3	225,088.8

FIRE OCCURRENCE

CAUSE	NUMBER	AREA BURNED (HA)
Lightning	64	222,998.2
Resident	95	930.8
Forest Industry	2	0.5
Other Industrial Operations	1	344.9
Incendiary	7	0.4
Railroad	1	0.1
Recreation	17	491.8
Garbage Dump	4	750.2
Miscellaneous Known	7	10.2
Total:	198	225,527.1

STANDARD CAUSE CLASSIFICATIONS (3 CATEGORIES)

CAUSE OF FIRE

	EASTERN	WESTERN	LABRADOR	TOTAL
Lightning	1	1	62	64
Resident	56	22	17	95
Forest Industry	1	1	0	2
Other Industrial Operations	0	1	0	1
Incendiary	5	0	2	7
Railroad	0	0	1	1
Recreation	12	2	3	17
Garbage Dump	3	0	1	4
Miscellaneous Known	3	3	1	7

RESPONSIBLE GROUP

	EASTERN	WESTERN	LABRADOR	TOTAL
Resident	55	25	18	98
Mischance	8	0	2	10
Recreation	8	1	1	10
Mining Operation	0	0	1	1
Forestry Industry	1	2	0	3
Government Activities	0	0	1	1
Children	8	0	1	9
Industrial Operation	0	1	1	2
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** There were 64 lightning fires during the 2012 forest fire season – of which 1 occurred in Eastern region, 1 in Western region and 62 in Labrador.

MEANS OF IGNITION

	EASTERN	WESTERN	LABRADOR	TOTAL
Match and/or Lighter	41	9	13	63
Cigarette, Cigar, Pipe	9	6	3	18
Camp Fire	8	5	4	17
Chimney Spark	0	0	0	0
Explosions	0	0	0	0
Power Saw	0	0	0	0
Hydro Wire	0	1	1	2
Vehicle Fire	1	0	0	1
Structural Fire	3	1	0	4
Slash and/or Debris Fire	5	2	1	8
All-Terrain Vehicle	6	3	1	10
Heavy Equipment	2	2	0	4
Lightning	1	1	62	64
Spontaneous Combustion	0	0	0	0
Other	5	0	2	7

FIRES BY MONTH

MONTH	NUMBER OF FIRES	AREA BURNED (HA)
January	0	0.0
February	0	0.0
March	1	1.5
April	20	15.8
May	18	1,787.7
June	97	223,263.3
July	37	393.9
August	17	35.5
September	8	29.4
October	0	0.0
November	0	0.0
December	0	0.0
Total:	198	225.527.1

AREA BURNED BY SIZE

FIRE SIZE (HA)	NUMBER	AREA BURNED (HA)
Less than or equal to 0.1	90	3.6
0.11 – 1.0	42	23.7
1.1 – 10.0	21	78.1
10.1 – 100.0	14	667.2
100.1 – 1,000.0	18	7,078.9
1000.1 – 10,000.0	10	23,917.3
Greater than 10,000.0	3	193,758.3
Total:	198	225.527.1