



NEWFOUNDLAND AND LABRADOR FOREST FIRE STATISTICS

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Reporting Year: 2011

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

NEWFOUNDLAND AND LABRADOR FOREST FIRE STATISTICS

REPORTING YEAR: 2011

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	27
Western	7
Labrador	19
Total:	53

AREA AND FOREST TYPE IN HECTARES (HA)

REGION	TOTAL AREA	PRODUCTIVE	NON-PRODUCTIVE
Eastern	37.8	7.1	30.7
Western	0.6	0.0	0.6
Labrador	555.4	50.0	505.4
Total:	593.8	57.1	536.7

FIRE OCCURRENCE

CAUSE	NUMBER	AREA BURNED (HA)
Lightning	13	553.7
Resident	28	32.3
Forest Industry	1	0.0
Other Industrial Operations	0	0.0
Incendiary	4	4.5
Railroad	0	0.0
Recreation	5	0.9
Garbage Dump	1	2.4
Miscellaneous Known	1	0.0
Total:	53	593.8

STANDARD CAUSE CLASSIFICATIONS (3 CATEGORIES)

CAUSE OF FIRE (Known or Suspected)

	EASTERN	WESTERN	LABRADOR	TOTAL
Lightning	0	0	13	13
Resident	18	5	5	28
Forest Industry	1	0	0	1
Other Industrial Operations	0	0	0	0
Incendiary	4	0	0	4
Railroad	0	0	0	0
Recreation	3	1	1	5
Garbage Dump	1	0	0	1
Miscellaneous Known	0	1	0	1

RESPONSIBLE GROUP (Known or Suspected)

	EASTERN	WESTERN	LABRADOR	TOTAL
Resident	20	6	6	32
Mischance	1	1	0	2
Recreation	1	0	0	1
Mining Operation	0	0	0	0
Forestry Industry	0	0	0	0
Government Activities	0	0	0	0
Children	5	0	0	5
Industrial Operation	0	0	0	0
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** There were 13 lightning fires during the 2011 forest fire season – all of which occurred in Labrador.

MEANS OF IGNITION (Known or Suspected)

	EASTERN	WESTERN	LABRADOR	TOTAL
Match and/or Lighter	20	3	0	23
Cigarette, Cigar, Pipe	1	1	1	3
Camp Fire	0	0	1	1
Chimney Spark	0	0	0	0
Explosions	0	0	0	0
Power Saw	0	0	0	0
Hydro Wire	0	0	0	0
Vehicle Fire	0	0	0	0
Structural Fire	1	1	0	2
Slash and/or Debris Fire	3	1	0	4
All-Terrain Vehicle	1	0	1	2
Heavy Equipment	0	0	0	0
Lightning	0	0	13	13
Spontaneous Combustion	0	0	0	0
Other	1	1	3	5

FIRES BY MONTH

MONTH	NUMBER OF FIRES	AREA BURNED (HA)
January	0	0.0
February	0	0.0
March	0	0.0
April	2	0.7
May	15	31.6
June	5	0.3
July	19	553.9
August	6	1.4
September	5	5.9
October	1	0.0
November	0	0.0
December	0	0.0
Total:	53	593.8

AREA BURNED BY SIZE

FIRE SIZE (HA)	NUMBER	AREA BURNED (HA)
Less than or equal to 0.1	22	0.3
0.11 – 1.0	13	6.6
1.1 – 10.0	11	48.7
10.1 – 100.0	5	214.5
100.1 – 1,000.0	2	323.7
1000.1 – 10,000.0	0	0.0
Greater than 10,000.0	0	0.0
Total:	53	593.8