

Fall 2011 Mountain Pine Beetle Aerial Surveys Statistics: Contacts, Citation, Constraints & Keywords

Contact

Contact Organization Primary:

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Citation

Originator:	Forest Management Branch, Alberta Environment and Sustainable Resource Development
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Presentation Format:	Adobe Acrobat pdf file
Online Linkage:	srd.alberta.ca/LandsForests/ForestManagement/ForestManagementStatistics/managingforestpestsstatistics.aspx .

General Constraints and Security

Access Constraints:	General public access via the external ESRD web site.
Use Constraints:	General public use. See Disclaimer at: srd.alberta.ca/LandsForests/ForestManagement/ForestManagementStatistics .

Security Information:

Security Classification:	Unrestricted
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Keywords

Keywords:	mountain pine beetle; forest pests; mountain pine beetle survey results; Dendroctonus ponderosae; tree pests; forest health; managing forest pests; mountain pine beetle surveys; MPB; beetles; pine beetles; bark beetles; lodgepole pine; aerial surveys; detection surveys; red trees
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Fall 2011 Mountain Pine Beetle Aerial Surveys Statistics: Tables 1 and 2, and Figures 3 and 4

General	
Title:	2007-2011 Mountain Pine Beetle Aerial Survey Tabular Data
Abstract:	These datasets summarize the 2007-2011 Mountain Pine Beetle Aerial Survey data. These surveys were conducted by Alberta Environment and Sustainable Resource Development.
Purpose:	Point data showing the location of red pine trees that are suspected of being killed by mountain pine beetle. These datasets are then verified on the ground and affected trees are considered for treatment if they are found to contain MPB.
Supplemental Information:	The data was collected using the Digital Sketch Mapping System. Polygons were sketched either on screen while flying in a rotary wing aircraft or by using aerial photography.
Time Period and Status	
Time Period of Content:	Survey Year (2007-2011) From: August 15 To: September 30
Maintenance Progress:	Preliminary
Update Frequency:	Annual
Date of Last Update	2011-10-31
Data Quality and Process Information	
Source Information:	The survey data was captured using the Digital Sketch Mapping System as point features.
Assumptions:	Red trees were not always killed by mountain pine beetle.
Process Description:	These results were created by overlaying each survey year mountain pine beetle red tree site data with Land-use Framework Planning Region.
Process Date	2011-10-31
Attribute Information	
Attribute Description:	<p>Land-use Framework Planning Region (LUF) - seven regions established by the Government of Alberta for regional planning.</p> <p>Estimated number of red trees - Count of trees captured during an aerial survey using GPS and the digital sketch mapping system for each LUF Region.</p> <p>Provincial Total - the total trees captured during an aerial survey using GPS and the digital sketch mapping system.</p> <p>Survey year- The Survey Year between August 15 & September 30, 2007 to 2011</p> <p>See also Glossary of Terms</p>