Yarmouth Subdivision

Counties Digby, Yarmouth, Shelburne

1971

Nova Scotia

Department of Natural Resources

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nova scotia forest inventory

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DEPARTMENT OF LANDS AND FORESTS
PROVINCE OF NOVA SCOTIA

Subdivision VIII : 1971

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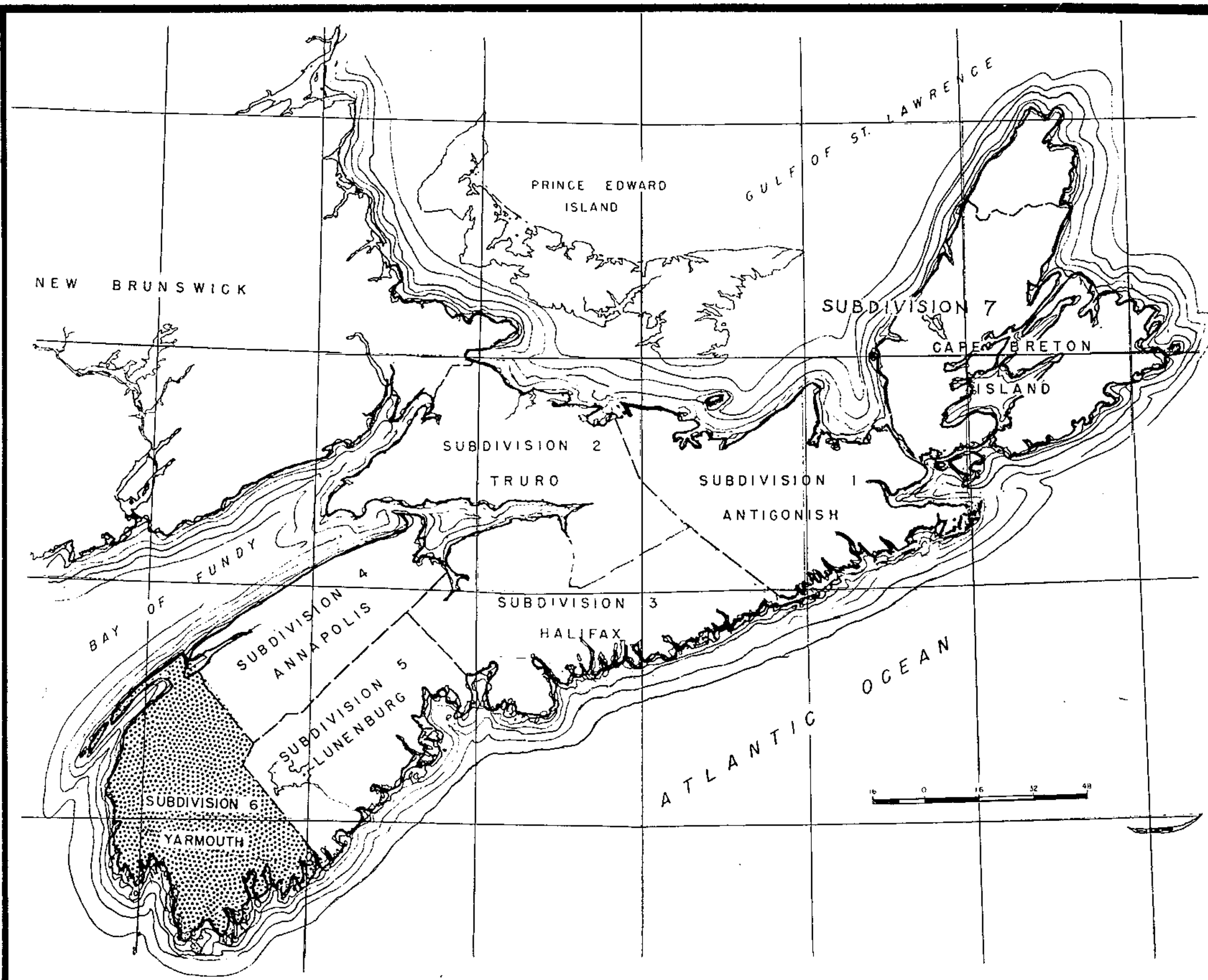
Provincial Forest Inventory Subdivisions



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I Introduction

This is one in a series of seven reports on the current status of the forest resource of Nova Scotia. It presents data for a single subdivision of the provincial forest inventory which commenced in 1964-65. The seven inventory subdivisions, with their counties and municipalities, are shown at right.

These are the same subdivisions used in the 1953-1958 provincial forest inventory (Frontispiece). Each contains roughly one-seventh of the total area of the province. To complete the photography, fieldwork, mapping and compilations for one of these units takes approximately two years. But because all four work phases are proceeding simultaneously on several units, each subdivision takes the equivalent of one year to complete. Thus the inventory is to operate on a seven-year cycle of remeasurement, producing on the average one subdivision report a year, and a new report on each subdivision every seven years.

This regularity is one advantage of the continuing forest inventory system over methods used so far in Nova Scotia. Another advantage is that fresh data on growth and yield are obtainable at any time from a system of permanent plots being concurrently established throughout the province.

Subdivision	Counties	Municipalities
I Antigonish	1. Pictou	1. Pictou
	2. Antigonish	2. Antigonish
	3. Guysborough	3. St. Mary's
		4. Guysborough
II Truro	1. Cumberland	1. Cumberland
	2. Colchester	2. Colchester
III Halifax	1. Hants	1. West Hants
		2. East Hants
	2. Halifax	3. Halifax
IV Annapolis	1. Annapolis	1. Annapolis
	2. Kings	2. Kings
V Lunenburg	1. Queens	1. Queens
	2. Lunenburg	2. Lunenburg
		3. Chester
VI Yarmouth	1. Digby	1. Clare
		2. Digby
	2. Yarmouth	3. Yarmouth
		4. Argyle
	3. Shelburne	5. Barrington
		6. Shelburne
VII Cape Breton Island	1. Inverness	1. Inverness
	2. Victoria	2. Victoria
	3. Richmond	3. Richmond
	4. Cape Breton	4. Cape Breton

The initial inventory cycle is due for completion in 1972 with the publication of the report on Subdivision VI, Yarmouth. By this time remeasurement of the early subdivisions is to have begun again for the second cycle.

II Background

TWO EARLY SURVEYS

The current series of reports constitutes the fourth description of Nova Scotia's forest resource published since 1800.

The first such report was prepared by Titus Smith as a result of his walking survey of 1801-02, which was sponsored by Lieutenant-Governor Wentworth of Nova Scotia.

The next, entitled Forest Conditions of Nova Scotia, was published in 1912. It was prepared by Dr. B. E. Fernow of the University of Toronto Forestry Faculty. He was hired to survey the resource after the lumbermen of western Nova Scotia pressed the government for such a step.

Dr. Fernow's survey was the first to collect the type of information which we might today expect from a forest inventory. His report included data on species distribution, standing volumes, growth rates and wood consumption. Accompanying these data were small-scale forest type maps. There was also an assessment of the regrowth on burned areas, and recommendations for action to preserve and improve the resource.

All this information was collected from people who had an intimate association with the woods: lumbermen, woodlot owners, farmers, trappers, and others. Considering how few of his conclusions were based on actual measurement, Fernow's report is truly a remarkable document.

THE 1958 INVENTORY

Some forty years passed before the province again took stock of its forests. With the passage of the Canada Forestry Act in 1949 by the Federal Government, money was provided on a 50:50 basis between the Federal and Provincial Governments to carry out another forest inventory. This survey was carried out between 1953 and 1957, and the results of the survey appeared in a book entitled The Forest Resources of Nova Scotia, published by the Department of Lands and Forests in 1958. It provided the first complete set of large-scale photographs and forest type maps. It also produced the most comprehensive information yet obtained on species, acreages and volumes.

THE 1965 INVENTORY

Although the present provincial inventory is the fourth assessment in Nova Scotia's history, it is the first to be carried out on a continuing basis. One of the recommendations arising out of the 1958 inventory was that such a continuing system be instituted to replace the intermittent type of survey. With the formation of the Voluntary Economic Planning Program a few years later, the Forestry Sector revived this recommendation and urged its prompt adoption.

Accordingly, in the winter of 1964-65 the Department of Lands and Forests convened a meeting of all foresters in Nova Scotia. Also invited were specialists from consulting firms, the Federal Department of Forestry, and the University of Maine. The proposal of a continuing forest inventory program for Nova Scotia was set before them and won approval. Out of this meeting and previous discussions at various levels in the Department came a decision to adopt the system. A seven-year cycle of remeasurement was chosen.

Large-scale forest inventories are usually done by outside forestry consultants working under contract. The present survey is unusual in that, except for help from a forestry consultant in drawing up the original specifications, it is being carried out by Department personnel.

This arrangement has several advantages. One is that it allows Department specialists, who have easier access to the forests than would an outside agency, to check their work more frequently. Another advantage is that it provides employment for Nova Scotia rangers and other personnel. Most important, it produces a core of trained local technicians who are familiar with our forests, and who will become more so with time and experience. The Department can draw on this accumulated knowledge whenever necessary.

REASONS FOR A FOREST INVENTORY

In any well-run business, an annual stock-taking is necessary to determine the profit position. The forest resource must also be assessed from time to time. However, unlike the business inventory, which is a simple count of merchandise, the forest inventory must measure a living, changing stock. This means that the information soon goes out of date. Taking inventory of the forest resource is further complicated by the need to consider varying levels of utilization in the wood market. For instance, a chemical pulpmill may use low-grade pulpwood of many species, while a veneer mill may use only high-quality logs of yellow birch and hard maple. Yet the data must be collected and compiled in such a way that both users can extract useful information.

The forest type maps and aerial photographs being produced from this inventory should benefit both public and private land managers in their efforts. They should prove useful in locating areas that require reforestation, harvest cutting, and forms of silviculture. They should also assist provincial fire fighters, owners wishing to locate roads, cruisers assessing smaller ownerships, and other resource managers.

Another unusual feature of the present inventory is that forest type maps for private forest lands are being produced. This is not done in most provincial inventories, except on a shared-cost basis with the owners. Ordinarily the landowner can obtain forest data, but no forest type maps. However, Nova Scotia's unusually high ratio of private woodland to Crown woodland (about 3:1) makes it necessary to produce such maps for both land classes.

Because this report is basically a summary, it omits much detailed information such as stock tables, volume estimates by forest types, and volumes for temporary sample plots. These and other data are however available at the Truro office of the Department of Lands and Forests.

LIMITS OF INVENTORY DATA

It should be pointed out that the inventory was designed to give volumes on a municipality basis. Therefore, using the volume data for areas smaller than the 300,000 acres of a municipality falls outside the accuracy limits of the inventory, and may not give reliable volume estimates.

Applying the volume data to a smaller area would require supplementary field work on the part of the owner. The smaller the ownership, the more supplementary work would have to be done.

III Method

GENERAL

As mentioned before, the present inventory is using the same seven subdivisions employed in the 1958 provincial forest inventory. One subdivision consists of two to four counties. This size was chosen as a reasonable working unit on the basis of the work entailed in training, organizing and supervising the necessary staff.

For each subdivision, data will be presented by the subdivision and the municipalities. Information will also be given by four ownership classes: Federal Crown, Provincial Crown, private land of 1,000 acres or more, and private land under 1,000 acres.

To carry out such an inventory, it has been necessary to rely on the staff and facilities of various agencies. These included the Department's Divisions of Forestry*, Surveys and Mapping, and Extension*; as well as the Province's Department of Mines, the Queen's Printer, and the Division of Management Consulting Services. The early stages required the use of computer facilities in Halifax, Toronto, Montreal, and the University of Maine. This co-operative involvement is illustrated below:

Aerial photography	Done under contract to private firms
Specifications	Survey Division and Forest Inventory
Checking photos	Survey Division and Forest Inventory
Photo Interpretation	Forest Inventory
Establishment of Plots	Forest Inventory
Mapping	Survey Division Forest Inventory Department of Mines Private Firm
Programming, data processing and compilations	Division of Management Consulting Services and initially private firms
Report	Forest Inventory Forest Resources Education Division Queen's Printer

The inventory program calls for the random location of 300 to 600 temporary line plots for one subdivision each year. These plots are established

* Since renamed (under the Department's 1970 reorganization) Forest Planning, & Forest Resources Education, respectively.

at the rate of eight per map sheet, each sheet covering $7\frac{1}{2}$ minutes of latitude by $7\frac{1}{2}$ minutes of longitude. The plots run at right angles to the local watersheds, and are one mile long by 16.5 feet wide. The number required may be revised as the result of progressive determinations of standard errors, provided this will improve accuracy without exceeding cost limits.

The desired accuracy calls for volume estimates on a municipality which come within ten per cent at a probability level of nine out of ten times. That is, if a particular number of sample plots was established ten times, the volume estimates would be within plus or minus ten per cent nine of the ten times; the tenth could range outside plus or minus 10 per cent.

SCHEDULE

The inventory can be divided into seven phases. In the general sequence in which they are performed, these are as listed at right:

Aerial photography
Interpretation of photographs
Establishment of temporary sample plots
Establishment of permanent sample plots
Mapping
Processing of data
Report

Because of the inherent complexity of an inventory program and the need to rely on various agencies and their facilities, a work schedule is of prime importance in meeting completion dates.

The schedule of completion dates developed for the present inventory is as shown in the table below.

Subdivision	Photography	Photo-Interpretation	Fieldwork	Compilations and Report	Mapping
Antigonish	1964	1965	1965	1968	1968
Lunenburg	1965	1966	1966	1968	1968
Halifax	1966	1967	1967	1968	1969
Truro	1967	1968	1968	1969	1971
Annapolis	1967	1969	1969	1970	1971
Cape Breton Island	1969	1970	1970	1971	1972
Yarmouth	1970	1971	1971	1972	1973

AERIAL PHOTOGRAPHY

Specifications for photography are generally based on the latest recommendations of the Federal Inter-Departmental Committee on Air Surveys. The scale is 1:15,840 (1 inch = 20 chains), with a permissible variation of plus or minus five per cent. Tilt is not to exceed 2.5 degrees; crab is not to exceed 3 degrees.

The flight lines run as nearly east and west as possible, with a maximum allowable departure of seven per cent of picture width. Forward overlap averages 60 per cent plus or minus 4 per cent; lateral overlap 20 per cent plus or minus 10 per cent. In the event of re-photography, the unsatisfactory lines or portions thereof shall be reflown along the original lines of flight.

The specifications call for Cronor type 136 film on topographic safety base, or its equivalent or superior. This is black-and-white panchromatic film. Infrared (heat-sensitive) film was tried during the summer of 1964 in the Antigonish Subdivision, but the results were disappointing.

Kodak has developed a new type of printing paper, Kodak No. 1902, which is required in the specifications. Prints are supplied on this paper on request. It has a plastic texture and resists curling and moisture.

Photography of Subdivision I was done during spring and summer of 1964. The fall color-change period is ideal, but weather limitations make photographing in spring, and sometimes summer, necessary. Winter photography is avoided if possible.

Negatives of the Antigonish Subdivision are numbered by the contracting firm according to the system used by the National Air Photo Library. At the start of each film roll the following information is given: film roll number, line number, photo number, flight line direction, camera type and lens, day, month, year, altitude, and job number. Successive negatives on a film roll show only roll number and photo number except where a new flight line begins. Then the detailed annotations are made, omitting date and camera information. Each photograph was also marked on the back by Department personnel for filing purposes.

For the 1965 and subsequent photography the Department requested additional annotations on the negatives to show: the subdivision, amended flight line number, photo number, and day, month and year of the photography. This annotation always appears on the west edge of each negative and photograph. The flight lines are numbered consecutively from south to north commencing with line number one. The negatives and photographs are numbered consecutively from west to east along the flight line commencing with negative number one. These changes speed the orienting and filing of pictures.

As the photos are received they are inspected to see whether they meet the specifications.

Flight reports are kept on file in Halifax and Truro. Additional information can be supplied on request. Index maps are available from the Surveys and Mapping Division in Halifax.

The Department of Lands and Forests retains the rights and title to the negatives and other working materials. These negatives are stored at the National Air Photo Library in Ottawa, from which contact prints, enlargements, reductions and mosaics are available for a fee. In 1970 the Department had most of the Yarmouth Subdivision flown using color film. The resulting color prints were used for photo-interpretation.

PHOTO-INTERPRETATION

Since only the central portion of each photograph is effective, the first step in interpretation is to mark off the net area to be classified. This is done by drawing the four midlines of the north, south, east, and west overlaps. The effective area so defined equals one-third to one-half the photo area.

Each prospective photo-interpreter must pass a Zeiss test for stereoscopic vision before being assigned to this project. With the aid of an Abrams height finder, a parallax wedge, an air-photo circular slide rule, and crown closure scales, the photo-interpreter proceeds to classify forest types.

Until the interpreter is proficient in this work, he is encouraged to check classifications frequently against actual ground types.

During the first winter, photo-interpretation was checked by the consultant. It is now being supervised by an experienced department specialist.

To achieve consistent interpretation in the Antigonish Subdivision, 20 to 30 pairs of photographs were selected, ground-checked and typed to illustrate typical forest types in the Subdivision. These stereograms, which were prepared by highly skilled photo-interpreters, acted as standards for classifying the variations encountered in species composition, height, density, and site.

Further use of stereograms is therefore indicated. In time these can form a valuable reference library for succeeding projects.

On completion of fieldwork, the typing is revised with new knowledge obtained from the plots themselves and from information recorded by the cruiser on his way to and from the plots.

Photo interpretation is not a science but a highly skilled art. The photo interpreter must have a knowledge of forest stands and their composition, and be able to relate this knowledge to photographic images in identifying forest stands. Pre-typing the photos, running field checks through the area, and then correcting from the field checks is the best way to become proficient in the work. This requires much study of the types under stereoscope in the field, and in the office.

CLASSIFYING FOREST LAND

There are differences between classifying forest land on the photograph and on the ground. The ground classification is in two instances more detailed. Thus although only three crown closure classes are used in typing photographs, five are recognized in typing temporary and permanent sample plots. Similarly, the photo-interpreter uses three site classes, but the cruiser six. On the other hand, height classes and cover type classes are identical in both systems. Age classes apply only to field typing.

To illustrate these similarities and differences, all the definitions used by photo-interpreters and cruisers in classifying forest lands are compared below.

Cover Type Classes

Photograph		Field
Softwood (S)	-- Less than 25% hardwood by volume	Same
Mixedwood (M)	-- 26% to 74% hardwood by volume	Same
Hardwood (H)	-- More than 75% hardwood by volume	Same

These cover types are separated on the basis of relative volume indications, except in stands of regeneration age, where relative stocking is used. In young stands a combination of relative volume and stocking is used.

Crown Closure Classes

Photograph	Field
(Crown Closure Classes)	(Stand Density Classes)
1. Up to 40% crown closure	1. Up to 40% density
2. 41% to 60% crown closure	2. 41% to 60% density
	3. 61% to 80% density
3. 61% to 100% crown closure	4. 81% to 100% density
	5. Overstocked

Here the photo classes are separated using crown closure aids. The field classes employ the Nova Scotia Site Quality Normal Yield Tables for Softwoods (normal density concept), which make use of basal area. Hence the two extra field classes.

Height Classes

Photograph	Field
A. Up to 15 feet	Same
B. 16 feet to 30 feet	Same
C. 31 feet to 50 feet	Same
D. 51 feet and over	Same
E. Uneven heights, non-classifiable	Same

Age Classes

Photograph	Field
Not classified	A. Up to 20 years
	B. 21 to 40 years
	C. 41 to 60 years
	D. 61 to 80 years
	E. 81 to 100 years
	F. Over 100 years
	UA. Unevenaged

Age classes are not classified on the photographs because it is very difficult to do so accurately. An attempt to do this on the Antigonish Subdivision gave interpretations which were only about 60 per cent correct. Consequently age classes do not appear on the maps, and age classification has been discontinued from the photo-interpretation programme.

Site Classes

Photograph	Field
III Good or above average	I II III
IV Average	Same
V. Poor or below average	V VI

Site quality is determined in the field on the basis of the height-age relationships of dominant and co-dominant trees. That is, the heights of the taller trees at given ages provide a measure of the tree-growing capacity of the site. Height-age curves constructed from the Nova Scotia Site Quality Normal Yield Tables for Softwoods are used for this.

Recent Burn

Photograph	Field
A single class for burns occurring within last 10 years; denoted by symbol (++)	Same

Recent Clearcut

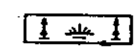
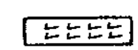
Photograph	Field
A single class for clearcuts occurring within last 10 years; denoted by symbol CC	Same

These are the categories used in classifying forest land. Map symbols denoting these categories or classes are used to distinguish the types so classified. For example, the multiple symbol S2C distinguishes a softwood type containing less than 25 per cent hardwood by volume, having a crown closure of from 41 to 60 per cent with heights of 31 to 50 feet, and growing on an average site of IV. Because of the prevalence of site class IV, stands in this category are not so indicated in the map symbols. All other site classes are designated. (E.g. a similar stand on a site class II would be identified by the symbol S2CIII).

The minimum size of forest type in this classification is three acres; any type smaller than this is merged with an adjacent type.

CLASSIFYING NON-FOREST LAND

Non-forest land is that which, because of present usage, past burns, drainage conditions, exposure, or lack of soil, are not likely to become productive forest land. It is classified the same on photographs and in the field. The classification and map symbols are as follows:

Bog and Open Muskeg	
Treed Bog or Muskeg	
Alders and Brush	(o)
Rock Barren	
Agricultural and Marsh Land	A

Urban	U
Roads and Railroads	
Transmission Lines	
Water Flowage	F
Tidal Flats	TF

FIELD WORK

Temporary Sample Plots

For better statistical analysis of volume data, the plots were located on a random basis. As the controling block for this procedure, map sheets from the Crown Land Forestry Series ($7\frac{1}{2}$ minutes latitude by $7\frac{1}{2}$ minutes longitude: about 32,000 acres) were used.

The maximum number of plots per full map sheet at first was set at 10. The ideal system would be to employ as many plots as would be required to provide accurate estimates for every ownership on each map sheet. But, because of limitations imposed by economy, time and weather, this is impractical in a province-wide inventory. Therefore the number of temporary sample plots per map sheet was reduced to eight.

Before the start of fieldwork each spring, the temporary plots must be located and plotted. To fix the starting points of plots, a transparent dot grid having numbered coordinates is used in conjunction with a table of random numbers. For each map sheet, numbers, are selected from the table and translated into latitude and longitude references. The locations so defined are then examined for their suitability as starting points. To be suitable, a location must lie within the boundary of that map and permit the running of a one-mile strip in some direction without encountering salt water or leaving the subdivision. Locations not satisfying those requirements are eliminated. The first eight suitable points on any given sheet determine the starting points of the eight sample plots for that map.

Once these points are settled, the course of each plot is determined. The guide here is that the plot strips should wherever possible cross the main trend of drainage. This minimizes bias. Magnetic bearings are used. Proceeding clockwise, the cardinal directions are considered first. If none of the four yields a suitable line, 45-degree offsets are next investigated. This procedure is repeated around the azimuth circle until a satisfactory course is found.

When a course for the eight points on each map sheet has been selected, the sample plots are located on a base map and on the aerial photographs. Also located on these maps and photos are the boundaries of land ownerships in the area. These are plotted as accurately as possible from the latest known information.

The dimensions of each line plot are one mile long by 16.5 feet wide (two acres). The forest types and other land classification traversed by this strip are recorded to the nearest one-tenth chain. A separate sheet is used for each forest and non-forest class encountered.

Along each strip all living trees in the four-inch DBH class and greater are calipered for diameter, and recorded by species and diameter class on tally sheets. At five points along each strip (0, 20, 40, 60, 80 chains) detailed measurements are made on three selected sample trees.

Selecting these trees is done on the basis of the three nearest trees of commercial species and merchantable size. The following data are recorded for each: species, DBH, crown class, tree condition class, total height, merchantable height, actual age, projected age, top merchantable diameter outside bark, and stump height. Where no suitable trees occur within the strip, outside samples may be measured.

Diameters are measured outside bark with a diameter tape, and recorded to the nearest tenth-inch class.

Crown class is decided on the basis of four classes defined in Forest Terminology of the Society of American Foresters: dominant, codominant, intermediate, and suppressed. For a detailed description of each class, see section IV.

Tree condition classes are assessed according to whether trees are normal, or show excessive crook, excessive rot, and seams or scars.

Heights are measured with a cloth tape and Spiegel Relaskop and recorded to the nearest one-foot class. Merchantable height is determined on the basis of form, branching, visible defects, or a four-inch top diameter outside bark.

Tree ages are found by means of increment borings made at breast height (4.5 feet above ground level). Actual age is estimated by adding 10 years to this age. Where initial suppression results in an abnormally high age count, a correction is made by projecting for rings of normal (free-growing) width in place of the narrow rings, to arrive at a normal age.

The sample tree data are used to indicate the proper volume tables and formulae to use in calculating tree and plot volumes.

Four ownership classes are recorded, as follows:

Crown land (provincial)

Ownerships of 1,000 acres and more

Ownerships under 1,000 acres

Military reservations and parks (Federal)

The cruiser, party chief and forester are responsible for editing the sheets to ensure that they are properly completed and that fieldwork is satisfactory.

PERMANENT SAMPLE PLOTS

An important part of the inventory program is the establishment of approximately 1,750 permanent sample plots between 1965 and 1971. Unlike the temporary plots, which are employed to give volume estimates at a given point in time, and then abandoned, these tenth-acre, circular permanent plots are designed for repeated measurement on a province-wide basis.

The acreages and volumes given in this report are obtained from temporary sample plots. These figures represent the net result, up to the time of measurement, of all the factors which added or subtracted wood during the life of the stands sampled. On the credit side, growth added volume. On the debit side, the factors of cutting, disease, insects, animals, storms and overcrowding subtracted volume. What the temporary plots reveal is the net result of this interplay to a given date. They give a static picture.

But because of the continuous interaction of growth and drain, this picture goes rapidly out of date. Therefore information on growth and drain and yield must be obtained on a continuing basis. In a sense the temporary plots do this--every seven years. Their data, however, comes each time from different trees and and different areas, due to the random nature of the sampling. So a separate but complementary system is needed.

Permanent sample plots fill this need. They are established at random, accurately located on maps, and can be recognized in the field by blue paint markings and a metal centre post.

On each plot all living trees 3.6 inches and larger at breast height are marked at the 4.5-foot level and numbered with blue paint. These identification marks permit later re-measurements to be made on the same trees and ensure that diameter will be taped at the same level every time. A truer comparison of growth can thus be made. As an extra precaution, a metal number tag is nailed to the base of each tree.

Once the trees have been numbered and marked, detailed measurements begin. The data collected are essentially the same as those collected for the sample trees on temporary plots. However, age is not ascertained for each tree, but only for enough trees to show average age--or the range of ages, as the case may be.

Trees in the one-inch to three-inch diameter classes are not numbered, but are tallied to the nearest one-inch class. This tally provides valuable information on patterns of mortality and ingrowth in the smaller diameter classes.

Each permanent sample plot is to be re-measured five years after its establishment, and every five years thereafter. Thus a cyclic pattern of re-measurement is to apply. No general assessment of the growth and yield information so obtained is contemplated until the first cycle of re-measurement has been completed, about 1971. However, the plot information will be compiled, and volume summaries will be available at the Forest Inventory office in Truro.

The permanent sample plots are being established randomly on all ownerships. All landowners are urged to treat these plots as they would any of their other forest holdings. That is, if plans call for logging a stand in which a plot is located, the plot area should be cut as well. If this impartiality is not observed, the estimates will be biased.

MAPPING

The objective is to produce forest type maps of the whole province for distribution on request. These will be available in three scales: one inch to twenty chains, one inch to forty chains and one inch to eighty chains. This requires 500 to 600 maps in each case, the smaller scales being on smaller sheets for easier handling.

The making of these maps entails many steps. These reduce to three main ones: preparing a special base map negative of one inch to twenty chains from the latest topographic and tenure information, transferring to this negative the forest types obtained from aerial photographs, and eventually producing a positive print showing all this information plus a legend.

At this point, negatives for the two smaller scales are made by photographic reduction from the original. These yield two scaled-down positives of the original positive. The three positives are then used to produce white prints in the three scales.

Careful editing is essential at each stage of mapping to ensure that all information is accurate, that type lines match between adjacent sheets, and that presentation is consistent throughout.

PROCESSING AND COMPILING DATA

Compiling acreages, volumes, volume tables and reports used to be one of the slowest parts of an inventory program. It was more time-consuming than the fieldwork. But in recent years years a reversal has been taking place. Mechanical tabulation is steadily shortening the office work. Computers are being used to make necessary compilations, to print out tables, and to store information. These steps are now being done at fantastic speeds compared to previous standards. Data, recorded and stored on tapes, can be instantly recalled. This technique replaces the slower method of having the machine scan every card in order to locate data of current interest.

PROGRAMMING THE COMPUTER

To use these techniques, every detail of the reporting and compiling process must be programmed into "computer language". This requires that the programmer be completely informed.

The key punch operator can then punch onto cards the tally sheet information obtained from the temporary plots. One card receives the tally information, another the sample tree data, and a third miscellaneous information. All three are identified by the subdivision, county, municipality, ownership, plot number, forest and land classification, and so on. Editing follows, and any incorrectly recorded data is queried and rejected by the computer. Corrections are made where necessary. The cards are then ready for the extraction of desired information. Following a set of instructions, the computer proceeds to run the programs, as follows:

1. The sample tree programme is used to provide summaries of individual tree data, which in turn provide the basic information for preparing local volume tables. The print-out of these data is by species groups. It gives the number of trees in each diameter class (DBH), as well as average values for DBH, total height, merchantable height, stump height, merchantable top diamet-

er outside bark, and for actual and projected ages.

These data are presented for the following species groups:

1. White spruce
2. Red spruce, black spruce, larch, Jack pine
3. Balsam fir
4. Hemlock and cedar
5. White pine, red pine, scotch pine
6. Sugar maple, red maple, white birch, yellow birch, grey birch, elm, white ash, black ash, cherry, beech, others
7. Aspen, balsam poplar.

2. From the sample plot data, the acreages of the various forested and non-forested categories are next obtained. The procedure here is to total the sampled area for each land class, find the proportion which each land class occupies of the total area sampled, and apply this proportion at the municipality level by using the land and water acreages given for each municipality in the 1956 inventory.

For example, if it were found in a certain municipality that the total sample area for roads was 200 acres out of a total sample of 1,000 acres for all land classes, then the area occupied by roads would be calculated as being 200/1000 times the total area of that municipality as given in the 1956 inventory.

3. Volume summaries are obtained.

Published data, consisting of gross and gross merchantable cubic foot volumes are listed in section VIII.

Non-published data, as outlined below, are available from the Forest Inventory office, Truro, Nova Scotia.

(a) Volume summaries are listed by line number for all forest (field) types.

(b) Volume summaries are listed by line number for all like forest (photo) types.

(c) Volume summaries are listed by municipality for all like forest (photo) types.

(d) Modified stock tables are produced for each forest (photo) type in a municipality.

(e) Tabulations are made of the results of the statistical analysis for each forest (photo) type and county.

AREA AND VOLUME ESTIMATES

Two groups of tables are compiled for the subdivision and each municipality therein: (a) area summaries, and (b) volume estimates in cubic feet. These tables appear in section VIII.

IV Summary of Findings

This section presents the main findings of the present inventory in Subdivision VI, and compares them with those of the 1956 forest inventory in the same subdivision, on the basis of area and volume.

FOREST CONDITIONS IN THE SUBDIVISION: 1971

SITE

Site evaluation is a complex problem involving species, drainage, fertility, exposure, climate, and so on. Although six classes are recognized in the inventory, on the photographs these were reduced to three groups: Site Quality IV (the most common site), those better than Site Quality IV (i.e, I, II, III), and those poorer than Site Quality IV, (i.e, V, VI). It should be noted that in selecting sample trees for site evaluation no no attempt is made to use the superior trees; the basis is rather the three nearest dominant or codominant trees at each sampling point.

Approximately 82 per cent of the forest area of the subdivision is in Site Quality IV. The poorer site qualities comprise 12 per cent of the forest area, and the better site qualities 6 per cent.

DENSITY

Stand density is a measure of the degree to which an area is occupied by trees. In field classification the reference point is "normal density" as given in the Nova Scotia Site Quality Normal Yield Tables for Softwoods. These tables employ the basal area concept, which refers to the aggregate area of wood surface in square feet per acre at breast height of all trees in the two-inch class (in this case) and larger.

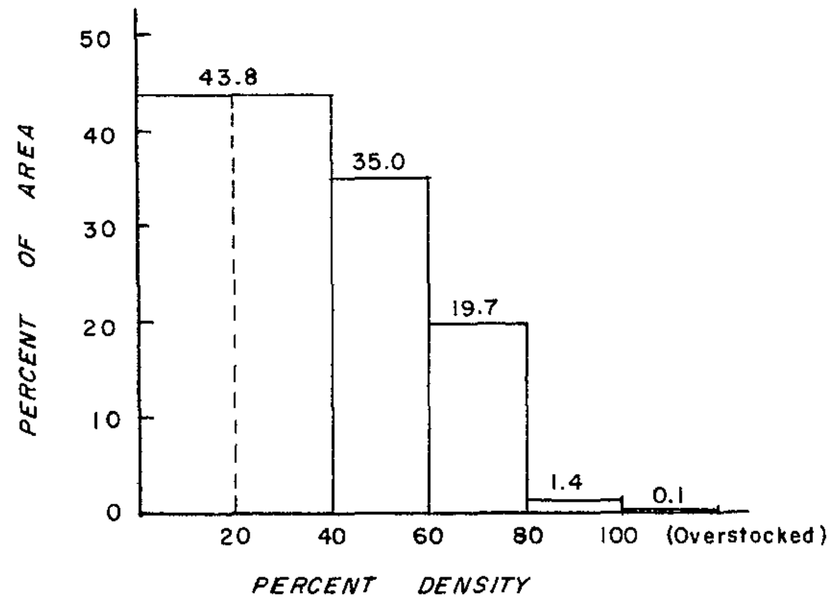
Normal density in a stand of given age-class and site quality is defined in the tables as that basal area which obtains when the site is fully occupied by trees. For convenience, basal area is usually measured by counting trees with an angle gauge designed to relate DBH and per-acre density. Density is expressed as a percentage above (overstocked) or below (understocked) the normal, which is designated as 100 per cent.

Since basal area cannot be determined from the photographs, another measure must be used to relate field classifications of density to photo classifications. Crown closure serves this purpose. (The relationship between Crown Closure Classes and Stand Density Classes in this inventory is shown on page eight.)

Using crown closure scales, the photo-interpreter determines the proportion of the type area covered by a downward projection of the crowns, and expresses this as a percentage of full coverage. The stand can then be assigned to one of three Crown Closure Classes.

Chart I on page 16 shows the pattern of stand density in the subdivision. It should be noted that because of a long history of man-made and natural disturbances, our wild stands are very clumpy in nature. A density classification can describe such stands in approximate terms only.

CHART I: PER CENT AREA BY DENSITY CLASSES, YARMOUTH SUBDIVISION, 1971



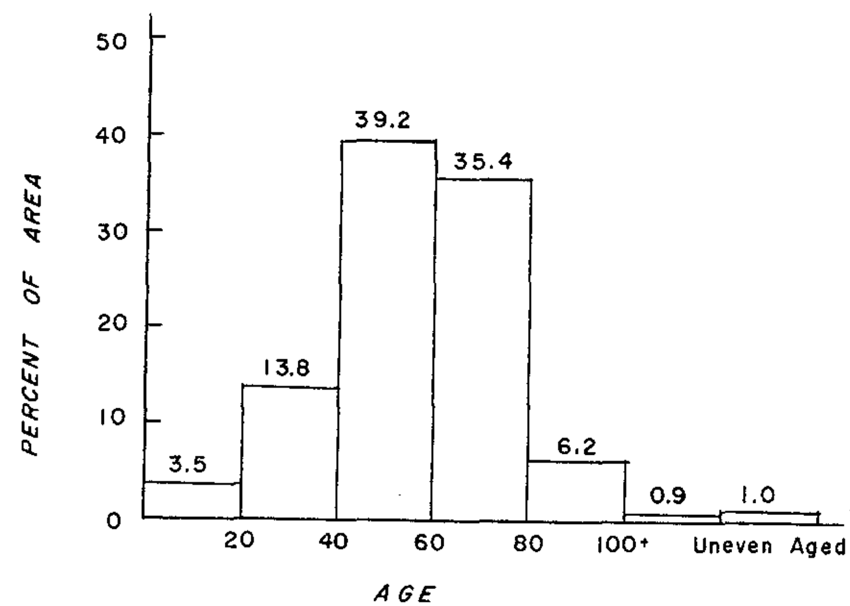
Forested Area: 1,339,370 Acres.

AGE

There are six 20-year age classes and one unevenaged class. To prevent the latter from being used as a catch-all for doubtful cases, cruisers are asked to use it only as a last resort. That is, wherever possible every stand must be assigned to a definite age class. This helps ensure that stands classified as unevenaged are truly so.

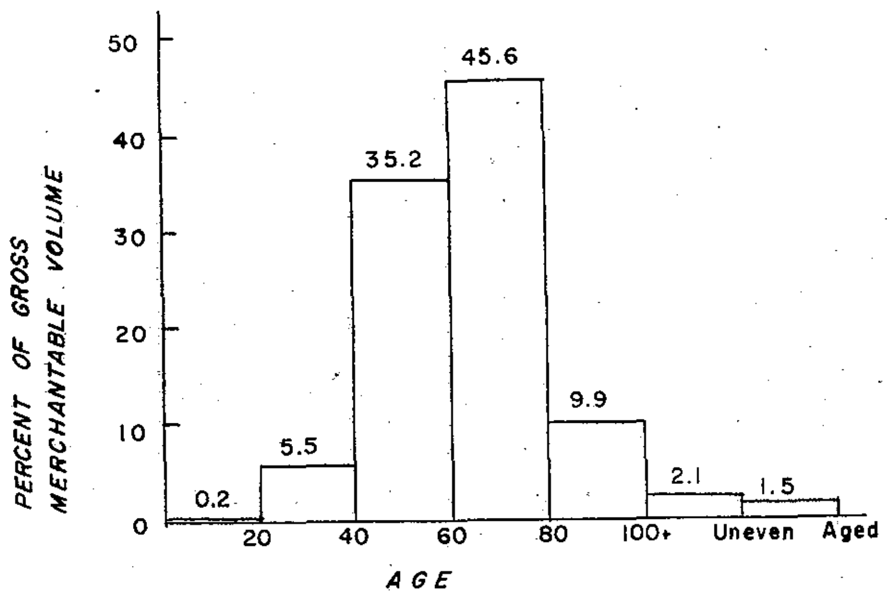
The distribution of age classes by area and gross merchantable volume in the subdivision are shown in Chart II below, and in Chart III on page 17.

CHART II: PER CENT OF AREA BY AGE CLASSES, YARMOUTH SUBDIVISION, 1971



Forested Area: 1,339,370 Acres.

CHART III: PER CENT OF GROSS MERCHANTABLE VOLUME BY AGE CLASSES, YARMOUTH SUBDIVISION, 1971



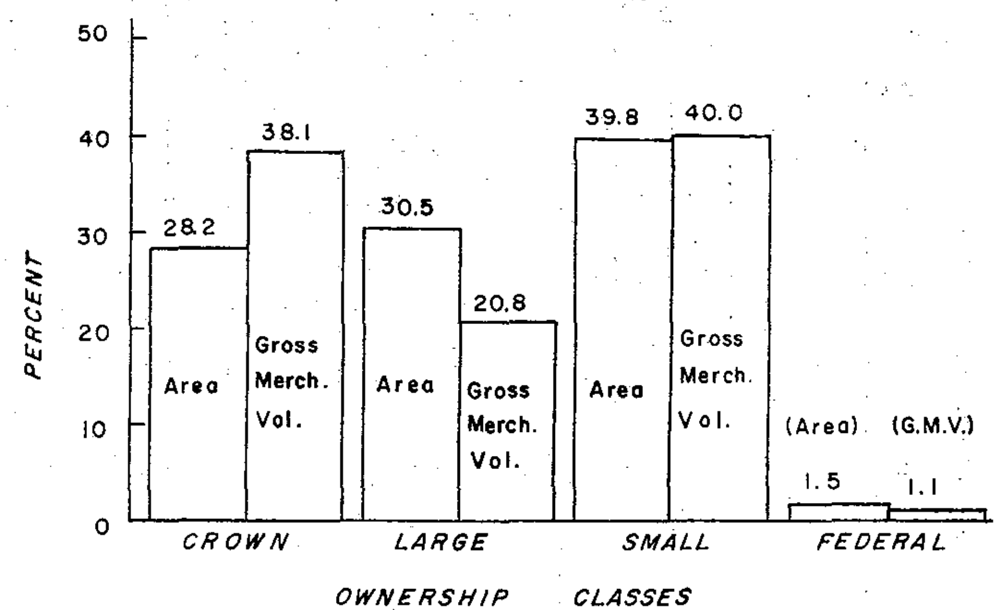
Gross Merch. Vol. : 952,087,000 Cubic Feet.

OWNERSHIP

Data for the present inventory were compiled using ownerships as one of the major groupings. Ownerships were divided into four classes: Small private holdings (less than 1,000 acres), large private holdings (1,000 acres and larger), Crown (Provincial), and Crown (Federal) holdings. These ownerships were plotted in the spring of 1971 from the best available information. The likelihood of tenure changes since then should be borne in mind.

The relationships between ownerships, area, age class, and gross merchantable volume (cu. ft.) in the subdivision are shown in Charts IV, V and VI.

CHART IV: PER CENT OF AREA AND GROSS VOLUME BY OWNERSHIP CLASSES, YARMOUTH SUBDIVISION, 1971



Total Forested Area : 1, 339, 370 Acres.
Gross Merch. Vol. : 952, 087, 000 Cubic Feet.

CHART V: PER CENT OF FORESTED AREA BY AGE CLASS AND OWNERSHIP CLASS, YARMOUTH SUBDIVISION, 1971

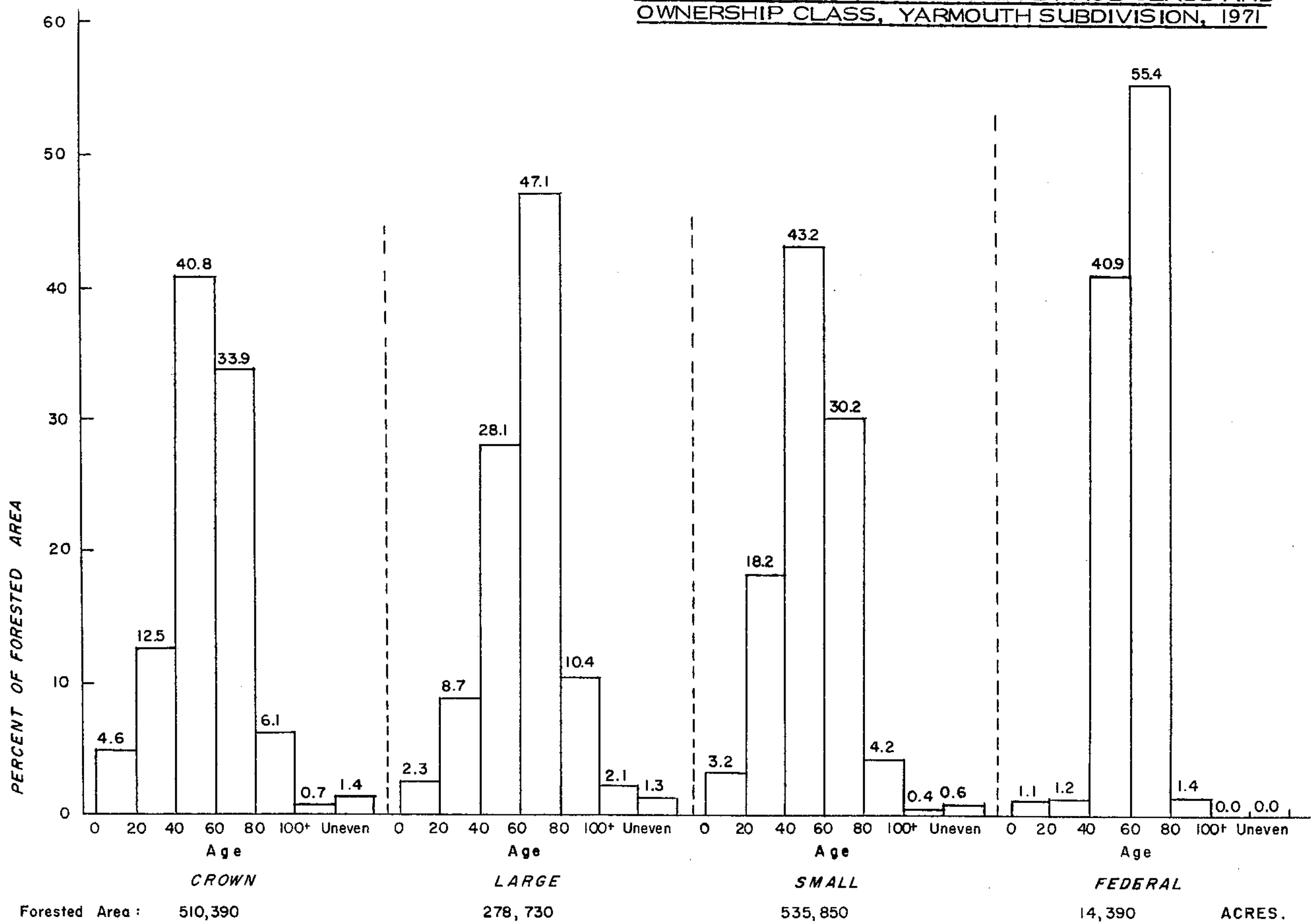
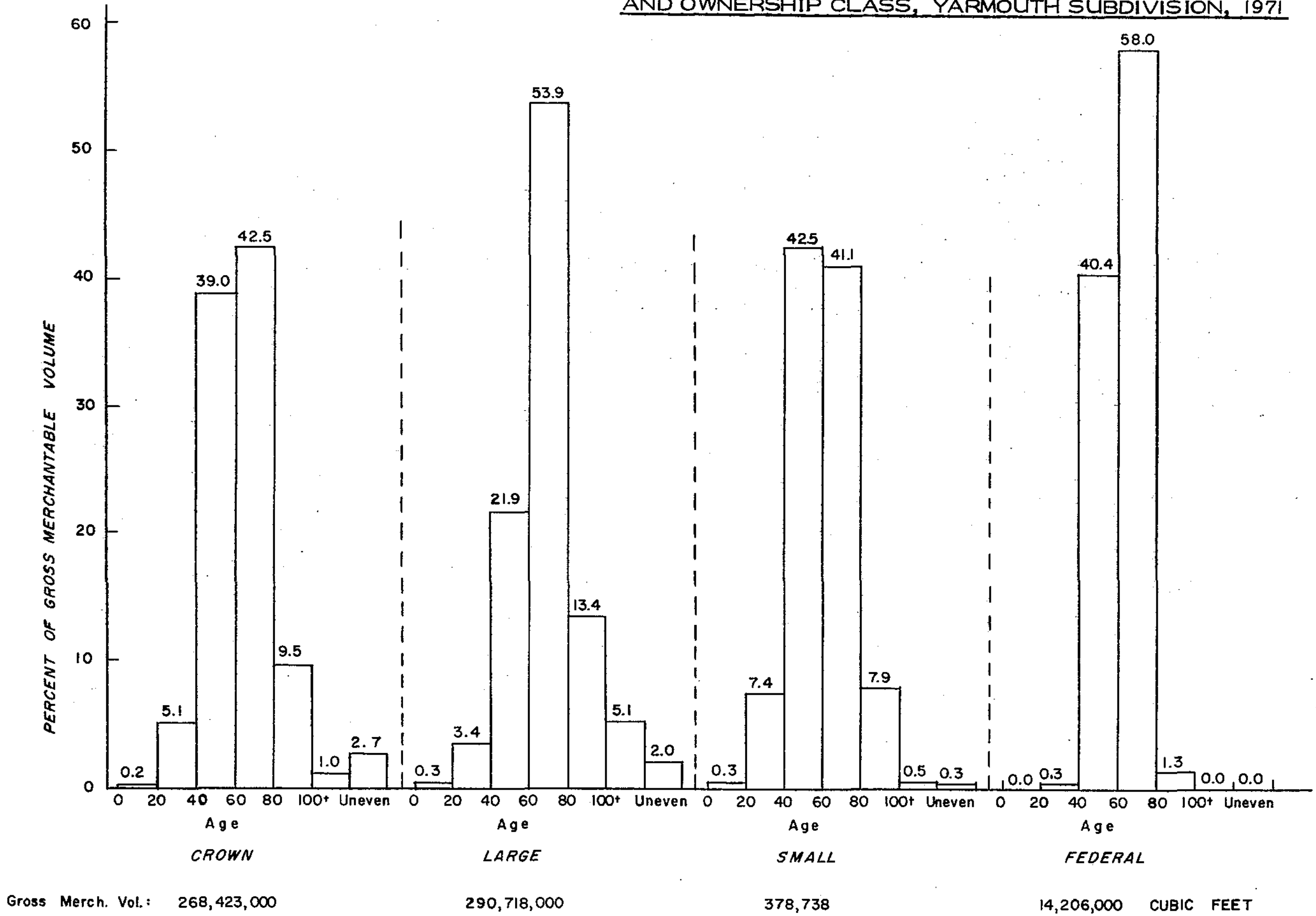


CHART VI: PER CENT OF GROSS MERCHANTABLE VOLUME BY AGE CLASS AND OWNERSHIP CLASS, YARMOUTH SUBDIVISION, 1971



TREE CONDITION

The inventory specifications call for information on four tree condition classes: "Normal", "Excessive Crook", "Excessive Rot, Seams and Scars", and "Excessive Limbiness". These classes are based strictly on visible defects, and are defined as follows:

1. Excessive Crook: Includes trees which are difficult to measure for merchantable length. These would be doubtful trees for use as pulpwood due to crook and difficulty in cutting.

2. Excessive Limbs: Includes trees, generally hardwoods and open-grown white spruce, which are difficult to measure for merchantable length, and which are suitable for pulpwood only.

3. Excessive Rot, Seams, and Scars: Includes trees having 10 per cent or more of merchantable length unusable because of rot, seams and scars.

4. Normal: Includes trees that do not fall in any of the first three classes. Where a tree classifies in more than one of the first three condition classes, the cruiser notes on the tally sheet the most evident condition.

The data are expressed as percentages of a total of 4,121 sample trees for the subdivision. Depending on the species group the "Normal" tree condition class ranged from 83 to 97 per cent of the sample trees. The other three classes made up a relatively small proportion of the total. In most species groups, any single class other than Normal did not exceed five per cent. Regarding Class 3 (Excessive rot, Seams and Scars), the exceptions occurred in Pine (14 per cent). Hardwood also showed a high incidence of rot, seams and scars (11 per cent).

Concerning the hardwoods, it should be noted that the basis of comparison for tree condition in this inventory was not central Canada hardwoods, but Nova Scotia hardwoods. Because of the prevalence of limbiness, top damage and over-maturity in those hardwoods, their use as standards tends to give a higher assessment of quality than if central Canada standards were used.

CROWN CLASSES

Crown classes of sample trees were tallied as dominant, co-dominant, intermediate or suppressed, as follows:

1. Dominant: Trees with crowns extending above the general canopy level; receiving full light from above and partial light from the sides; larger than the average trees for the stand, with crowns well developed but possibly somewhat crowded on the sides.

2. Co-dominant: Trees with crowns forming the general canopy level; receiving full light from above but comparatively little from the sides; with the crowns usually medium-sized and more or less crowded on the sides.

3. Intermediate: Trees shorter than those in the preceding classes, but forming part of the same canopy level; receiving little direct light from above and none from the sides; with the crown usually small and considered crowded on the sides.

4. Suppressed: Trees with crowns entirely below the general canopy level, and receiving no direct light either from above or from the sides.

The results of this tally are shown in Table A below.

TABLE A: PERCENT OF SAMPLE TREES BY CROWN CLASS AND SPECIES GROUP, YARMOUTH SUBDIVISION, 1971

SPECIES GROUP	CROWN CLASSES Dominant	Codominant	Intermediate	Suppressed
White Spruce	13	62	23	2
Red, Black Spruce	8	67	23	2
Fir	1	40	42	17
Hemlock, Cedar	6	67	25	2
White, Red Pine	10	66	21	3
Hardwood (Other than Aspen)	4	76	19	1
Aspen	-	89	10	1

VOLUME

Present volume estimates at the gross merchantable level for the subdivision are shown in Table B opposite. They are expressed four ways: as cubic feet, as cords of eight-foot rough (unbarked) pulpwood, as cords of four-foot rough pulpwood, and as board feet. The estimates are therefore independent interpretations of the same basic volume. Each column represents a complete and separate picture of the growing stock in the subdivision, expressed in a single unit of measure. The reader is asked to note that the gross merchantable volumes here given make no cull deduction whatsoever, and are based on the assumption that all areas are operable and accessible. Conversion factors are given below the table.

TABLE B: ESTIMATE OF GROSS MERCHANTABLE VOLUME AS EQUIVALENT CUBIC FEET, OR ROUGH CORDS, OR BOARD FEET: YARMOUTH SUBDIVISION, 1971
(All values in thousands)

	GROSS MERCH. CUBIC FEET	EIGHT-FOOT ROUGH CORDS (1)	FOUR-FOOT ROUGH CORDS (2)	BOARD FEET (3)
SOFTWOODS	673,900	8,600	7,900	2,878,000
HARDWOODS	278,200	3,600	3,300	1,177,000
TOTALS	952,100	12,200	11,200	4,055,000

(1) Conversion factor 78 cu. ft. = one cord
(2) Conversion factor 85 cu. ft. = one cord
(3) Conversion factor 176 cu. ft. = 1,000 fbm of sawn product, using trees 6.6 inches DBH and larger of four-inch minimum top diameter.

The above volumes are based on certain specifications. Merchantable length or height is defined as that part of a tree which would normally be usable at a pulpwood level of utilization. Softwoods will generally be merchantable to the four-inch top diameter (outside bark) class, with the limiting factor generally being broken tops. Hardwoods on the other hand often display poor form due to excessive limbs and crooks. Hardwoods are normally taken to the four-inch top diameter (outside bark) class, or to the point where most of the larger limbs begin. It is acceptable to have one limb below either of these points, provided the limb is under five inches in diameter where it emerges from the trunk.

Trees which are so crooked as to make piling and scaling as four-foot bolts difficult are not considered merchantable. The minimum merchantable length is four feet above stump height. Trees which branch into distinct boles within four feet of stump height are measured as separate trees and classified as such.

The standard for classifying hardwoods in this inventory is based on the type of trees growing in Nova Scotia. This fact should be borne in mind when attempting to relate the hardwood data contained herein to similar data from elsewhere.

COMPARISONS: 1971 AND 1956

A fundamental purpose in obtaining new forest inventory data is to compare it with previous data in order to investigate trends and to formulate policy. Comparisons can best be made when data are available from a long series of measurements made at regular intervals and and under standard specifications. Unfortunately, forest data in Nova Scotia have not been so collected in the past. The present inventory system will gradually improve this situation. Comparisons will thus become more significant with time. Some area and volume comparisons between the two inventories follow.

AREA

TABLE C: LAND CLASSES AS A PER CENT OF TOTAL SUBDIVISION AREA, 1971 AND 1956: YARMOUTH SUBDIVISION

Land Class	1971	1956	Difference
Forested			
Softwood	34.4	35.2	-0.8
Mixed Wood	27.4	20.7	6.7
Hardwood	9.8	.9	8.8
Other Forested		1.8	-1.8
Subtotal	71.6	58.6	12.9
Non-Forested			
Agriculture & Urban	2.5	5.6	-3.1
Other non-forested	25.9	35.8	-9.8
Subtotal	28.4	41.4	12.9
Total	100.0	100.0	00.0

NOTE: "Other Forested" in the 1956 inventory includes depleted forests (recent burns and clear-cuts); in the 1971 inventory it includes plantations, recent burns, and clear-cuts. "Other Non-Forested" in 1956 and 1971 include all non-forest areas (except agriculture and urban): swamps, water, bogs, etc. Cleared rights-of-way were not classified in 1956.

In Table C a change in the distribution of land classes is evident. Several things can account for this. One is variations in sampling, which are largely unavoidable. Another is the finer degree of typing called for in the 1965 specifications. To achieve this, field observations became the primary means for classification, instead of photo-interpretation alone, as in 1956. Because field typing in conjunction with photo-typing allows greater precision than photo-typing alone, some of the land previously classed as "Non-Forested" is now being classed as "Forested". This results in more accurate estimation of cover types.

A case in point is the apparent decrease of farmland and waste lands shown by the current data. This decrease is partly explained by the fact that wherever the 1971 field observations showed signs of such lands growing in, they were classified as "Forested". Close typing of this kind was not possible in the 1956 survey, because at that time much of the regeneration did not show on the photographs.

There is also some real decrease in agricultural land in the Subdivision due to the invasion of abandoned fields by regeneration. It might be noted that this regeneration is mostly softwood.

Each of the forest cover types above were further grouped into forest types, using cover, height, age, density and site. These forest types are of two kinds: <u>photo types</u> and ground types. Basically, the ground types are more detailed than the photo types. The differences are detailed in Section III.

Three of the most commonly occurring photo-types, representing 36 % of the forest area of the subdivision, are:

(a) Mixed cover of 41 % to 60 % density, 31 to 50 feet tall, average age 63, Site Quality IV.

(b) Soft wood cover of 41 % to 60 % density, 31 to 50 feet tall, average age 60, Site Quality IV.

(c) Softwood cover of up to 40 % density, 31 to 50 feet tall, average age 58, Site Quality IV.

Of the total sampled area, 15 types comprised 75 percent, and eight types made up 60 percent.

Unfortunately, these forest categories cannot be effectively compared with those of the 1956 inventory, because the limits of the components which define them are different--in fact, they overlap.

VOLUME

When comparing volume estimates of the two inventories, only gross volume (cubic feet) can be used. This is because of differences in specifications, in the tables used, and in method. Actually, there are fewer pit-falls in comparing at this level than at any other. The gross volume in 1956 was defined as the solid cubic foot content of all trees of 3.6. inches D.BH and larger, and included the volume in the stems only from an average stump height of one foot to the tips of the trees, <u>including bark.</u>

The gross volume in 1971 includes the cubic foot volume of solid wood contained in all trees of 3.6 inches DBH and larger in the stems only from ground level to the tips of the trees, excluding bark.

If the two inventories are directly compared, we see that there is a 3% decrease from the 1956 gross volume. Differences in method, especially regarding volume tables and their application, are at least partly responsible for this.

In order to make such comparisons, then, allowances must be made for differences in specifications and method. The assumption is therefore made that bark volume equals stump volume. Concerning method, tests were conducted to determine what effects different approaches might have had on the resultant volume estimates in both inventories.

Four aspects were investigated: use of different volume tables, different methods of entering volume tables, different methods of applying volume tables, and differences in sample tree specifications.

The investigation showed that the 1956 gross cubic foot volumes should be reduced by 10% for softwoods and 20% for hardwoods in order to make valid comparisons with 1971 data possible.

The causes of these differences were also established. Half the discrepancy in hardwood volumes was traced to the use of softwood volume tables in 1956--there being no suitable local hardwood tables then. The other half was due to differences in sample tree specifications, and in the use of the Tables. The latter factors applied equally to softwoods and hardwoods.

Using these adjustments, and assuming bark and stump volume to be equal, the following volume comparisons between 1971 and 1956 are made for the subdivision.

TABLE D: PERCENT DIFFERENCE IN GROSS CUBIC FOOT VOLUMES BETWEEN 1971 AND 1956* INVENTORIES BY COUNTY, YARMOUTH SUBDIVISION (BASE: 1956)

	Digby	Yarmouth	Shelburne	Subdivision
Softwood	9.2	24.8	17.1	14.5
Hardwood	-3.7	33.1	4.7	7.4
Total	5.3	27.8	13.3	12.3

(Each item is compared to itself.)

*Adjusted minus 10% for softwoods, and minus 20% for hardwoods.

TABLE E: PER CENT DIFFERENCE IN GROSS CUBIC FOOT VOLUME BY SPECIES BETWEEN 1971 AND 1956 INVENTORIES, USING 1956* ADJUSTED GROSS VOLUME AS THE BASIS OF COMPARISON: YARMOUTH SUBDIVISION.

SPECIES	PERCENT DIFFERENCE
White Spruce	+ 7.6
Red, Black Spruce	+29.4
Fir	-13.5
White Pine	+35.8
Hemlock	-26.7
Other Softwood	+77.8
TOTAL SOFTWOODS	+14.5
Sugar Maple	- 4.8
Red Maple	+33.6
Yellow Birch	-26.4
White Birch	-13.4
Other Hardwoods	-24.3
TOTAL HARDWOODS	+ 7.4
TOTAL	+12.3

*Adjusted minus 10% for softwoods and minus 20% for hardwoods. Each species compared to itself.

TABLE F: COMPARISON OF SPECIES DISTRIBUTION BY GROSS CUBIC FOOT VOLUME PERCENTAGES IN THE 1971 AND 1956* INVENTORIES, YARMOUTH SUBDIVISION

SPECIES	1971	1956
White Spruce	3.2	3.3
Red, Black Spruce	36.1	31.0
Fir	13.6	17.6
White Pine	10.3	8.5
Hemlock	3.8	5.9
Other Softwoods	2.8	1.8
TOTAL SOFTWOODS	69.8	68.4
Sugar Maple	1.2	1.4
Red Maple	19.5	16.4
Yellow Birch	2.0	3.1
White Birch	2.2	2.9
Other Hardwoods	5.3	7.8
TOTAL HARDWOODS	30.2	31.6
TOTAL	100.0	100.0

*Adjusted minus 10% for softwoods, minus 20% for hardwoods.

TABLE G: PER CENT OF GROSS CUBIC FOOT VOLUME BY DIAMETER GROUPS IN 1971 AND 1956* INVENTORIES, YARMOUTH SUBDIVISION

DIAMETER GROUP (DBH)	1971	1956
SOFTWOOD		
4 to 9 inches	42.3	42.3
10 inches and over	27.5	26.1
TOTAL SOFTWOOD	69.8	68.4
HARDWOOD		
4 to 9 inches	19.4	19.5
10 inches and over	10.8	12.1
TOTAL HARDWOOD	30.2	31.6
TOTAL	100.0	100.0

*Adjusted minus 10% for softwoods, minus 20% for hardwoods.

V Local Volume Tables

METHOD OF CONSTRUCTION

Local volume tables were produced from the sample tree data collected at five points along each cruise line. From these data three height-diameter curves for each species group were plotted, smoothed and balanced.

The curves provided values for total height, merchantable height, and stump height. These values were then inserted into Honer's formulae to obtain gross and gross merchantable volumes.

Honer's formula for gross volume (cubic feet): /1

$$\text{Gross Volume} = \frac{D^2}{a + \frac{b}{H}}$$

where D = DBHob
H = total height
a and b = constants for each species group.

Honer's formula for gross merchantable volume (cubic feet): /2

Gross merchantable volume =

$$\text{Gross Volume} \quad A\,(X_1 - X_{12}) + C\,(X_1^2 - X_{12}^2)$$

where $X_1 = \frac{\text{merchantable height}}{\text{total height}}$

$X_{12} = \frac{\text{Stump height}}{\text{Total height}}$

A and C = constants for each species group.

"Gross Volume" in every table is defined as solid cubic contents from ground level to tip of tree, excluding bark. "Merchantable Volume" is always gross merchantable, and means solid cubic contents, excluding bark, from stump height to a minimum top diameter of 3.6 inches outside bark (or larger if deformity or damage reduces the merchantable length).

Using Honer's formulae with the curved values from sample plot data, Individual Tree Volume Tables for each species group were produced. These tables follow.

Where data beyond a certain DBH were not available, volumes were extrapolated. The point where extrapolation begins is shown in the tables by a dashed line.

1/ Honer, T.G., 1965: "A new total cubic foot volume function."
For. Chron., Vol. 41, No. 4.

2/ Honer, T.G., 1967: "Standard volume tables and merchantable conversion factors for the commercial tree species of central and eastern Canada". For. Mgt. Res. and Ser. Inst. Info. Rpt. FMR-X-5, Can. Dept. For. and Rural Dev.

INDIVIDUAL TREE LOCAL VOLUME TABLES BY SPECIES GROUPS: SUBDIVISION VI

SPECIES GROUP I: WHITE SPRUCE

DBHob Inches	Gross Volume Cubic Feet	Merchantable Volume Cubic Feet
4	0.9	0.5
5	1.7	1.1
6	2.7	2.0
7	4.0	3.3
8	5.7	4.9
9	7.6	6.7
10	9.8	8.8
11	12.4	11.1
12	15.3	14.1
13	18.7	17.2
14	22.5	20.7
15	26.3	24.4
16	30.4	28.3
17	35.5	33.0
18	40.4	38.0
19	45.8	43.5
20	51.5	48.9
21	56.8	54.5
22	63.2	58.8
23	70.1	66.6
24	76.3	73.2

Note: Values below the dashed line are extrapolated.

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SPECIES GROUP 2: SPRUCE (red, Black): Larch, Jack Pine

DBHob Inches	Gross Volume Cubic Feet	Merchantable Volume Cubic Feet
4	1.1	0.5
5	1.9	1.3
6	3.2	2.5
7	4.8	4.0
8	6.9	6.0
9	9.5	8.4
10	12.4	11.3
11	15.8	14.5
12	19.8	18.4
13	24.3	22.6
14	29.4	27.4
15	34.7	32.6
16	40.6	38.5
17	47.0	44.6
18	54.0	50.8
19	61.6	58.5
20	69.1	65.6
21	77.9	73.2
22	86.4	81.2
23	95.5	89.8
24	105.1	99.8

Note: Values below the dashed line are extrapolated.

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INDIVIDUAL TREE LOCAL VOLUME TABLES BY SPECIES GROUPS: SUBDIVISION VI

SPECIES GROUP 3: BALSAM FIR

DBHob Inches	Gross Volume Cubic Feet	Merchantable Volume Cubic Feet
4	0.9	0.5
5	1.6	1.2
6	2.5	2.0
7	3.7	3.2
8	5.1	4.5
9	6.8	6.1
10	8.9	8.2
11	11.0	10.5
12	13.7	12.9
13	16.8	16.0
14	19.9	18.9
15	23.7	22.5
16	27.5	26.1
17	31.6	30.3
18	36.1	34.6
19	41.6	39.9
20	46.8	45.0
21	52.4	50.3
22	58.5	56.1
23	63.9	61.3
24	70.6	66.3

NOTE: Values below the dashed line are extrapolated.

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SPECIES GROUP 4: HEMLOCK, CEDAR

DBHob Inches	Gross Volume Cubic Feet	Merchantable Volume Cubic Feet
4	1.0	0.6
5	1.8	1.3
6	2.8	2.2
7	4.3	3.6
8	6.1	5.2
9	8.4	7.3
10	11.0	9.8
11	14.2	12.7
12	17.8	16.0
13	21.9	19.9
14	26.2	24.4
15	31.5	29.3
16	36.9	34.3
17	42.8	39.8
18	49.9	46.9
19	57.0	54.2
20	64.7	61.5
21	73.0	68.6
22	81.1	77.0
23	90.6	86.1
24	100.9	95.8

NOTE: Values below the dashed line are extrapolated.

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INDIVIDUAL TREE LOCAL VOLUME TABLES BY SPECIES GROUPS: SUBDIVISION VI

SPECIES GROUP 5: PINE (White, Red, Scotch)

DBHob Inches	Gross Volume Cubic Feet	Merchantable Volume Cubic Feet
4	1.0	0.6
5	1.8	1.2
6	2.9	2.2
7	4.3	3.6
8	6.1	5.2
9	8.3	7.3
10	10.7	9.6
11	13.8	12.3
12	17.1	15.7
13	20.8	19.2
14	25.1	23.3
15	29.8	27.7
16	34.5	32.1
17	40.3	37.4
18	45.8	43.1
19	51.9	49.3
20	59.3	55.7
21	66.3	62.3
22	73.9	70.2
23	80.8	77.5
24	89.2	85.6

NOTE: Values below the dashed line are extrapolated.

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SPECIES GROUP 6: HARDWOODS (Other than Aspen, Balsam Poplar)

DBHob Inches	Gross Volume Cubic Feet	Merchantable Volume Cubic Feet
4	1.1	0.5
5	1.9	1.3
6	3.0	2.3
7	4.4	3.5
8	6.0	4.9
9	8.0	6.8
10	10.2	8.8
11	12.9	11.3
12	15.7	13.9
13	19.1	17.1
14	22.9	20.6
15	26.7	24.3
16	30.9	28.1
17	35.5	32.6
18	40.4	37.2
19	45.8	42.5
20	51.5	47.9
21	57.6	53.5
22	63.2	58.8
23	70.2	65.2
24	77.5	72.1

NOTE: Values below the dashed line are extrapolated.

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INDIVIDUAL TREE LOCAL VOLUME TABLES
BY SPECIES GROUPS: SUBDIVISION VI

SPECIES GROUP 7: ASPEN, Balsam Poplar

DBHob Inches	Gross Volume Cubic Feet	Merchantable Volume Cubic Feet
4	1.1	0.6
5	1.9	1.3
6	3.0	2.2
7	4.5	3.6
8	6.4	5.5
9	8.6	7.7
10	11.4	10.1
11	14.4	12.9
12	18.2	16.6
13	22.2	20.6
14	27.2	25.3
15	31.8	29.9
16	37.5	35.6
17	43.0	40.0
18	49.0	46.1
19	55.5	52.2
20	62.6	59.5
21	69.0	65.6
22	76.9	73.1
23	85.5	81.2
24	93.1	88.4

NOTE: Values below the dashed line are extrapolated.

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VI Conversion Factors

Except where broad comparisons are made, as in Section IV, this report presents all volume data in cubic feet. It is left to the user of these data to convert them to the units he requires, using his own conversion factors. However, the guidelines provided in this section may prove useful.

CONVERTING CUBIC FOOT VOLUMES TO CORDS

The number of cubic feet of solid wood in a cord varies with species, average diameter and length of bolts, taper, method of piling, average bark thickness, closeness of limbing, amount of foreign material on the bolts, and the amount of crook, sweep, and abnormal growth projections. With so many variables affecting the result, no conversion factor employing exterior dimensions can be precise. Nonetheless, a number of such factors have been developed.

FOUR-FOOT BOLTS

Two factors commonly used for converting from cords of four-foot pulpwood to solid cubic contents are*:

85 cu. ft. solid wood = one cord rough softwood
95 cu. ft. solid wood = one cord peeled softwood

EIGHT-FOOT BOLTS

In theory, it should be possible to convert from cubic

*Flann, I. B., Some Conversion Factors and Related Information For Use in Primary Forest Industry of Eastern Canada; Note # 26, 1962.

feet to cords of eight-foot wood with the same factors used for four-foot wood. Were the bolts perfectly straight in both cases and all other things equal, this could be done.

In practice, the extra length increases the proportion of voids due to crook, sweep, taper and abnormalities. According to Flann, this increase results in the cubic foot content of solid wood per cord being "usually five per cent less for eight-foot wood than for four-foot wood", other things being equal. By this estimate a cord of rough eight-foot softwood would be expected to contain about 81 cubic feet of solid wood, on the average. However, measurements by local pulp companies have shown an average solid wood content of approximately 78 cubic feet per rough cord of softwood.

Regarding eight-foot hardwood pulpwood, it is generally believed that one rough cord contains 70 to 78 cubic feet of solid wood, on the average. Although this estimate has not been proved, it appears a reasonable one when the greater crookedness of hardwoods is considered.

CONVERTING CUBIC FOOT VOLUME TO BOARD MEASURE

The actual solid wood content in cubic feet of log volume required to produce one thousand board feet of lumber varies by species, log size, mill equipment and methods, dimensions being sawn, and the quality specifications of the market. These variables can cause the conversion factor for roundwood at roadside or mill to vary from about 140 cubic feet per thousand to over 200 cubic feet per thousand.

No attempt is made here to provide a single factor for converting cubic feet to board feet. Instead, an analysis is presented showing the factors which enter such a conversion at each level of utilization. This permits the individual to use or alter the factors as he sees fit.

The basic factor used is 176 cubic feet per thousand feet board measure, a figure developed by G. E. Bell. These studies, which were published in the Flann paper cited, included "a wide variety of mill types" in Eastern Canada, "sawing logs with an average diameter of 8.4 inches". Elsewhere in his paper Flann presents other values for different types of head saws and different mill sizes.

Explanations follow the seven steps given below.

AN ANALYSIS

1. Gross merchantable (cu. ft.) solid wood from tables in section VIII, minus top, stump and bark, for trees 3.6 inches DBH and larger to 4-inch top . . . . (VALUE)

2. Gross merchantable volume (cu. ft.) of solid wood in trees between 3.6 inches DBH and 6.5 inches DBH to a 4-inch top; also available from tables, section VIII . . . (VALUE)

3. Gross merchantable (cu. ft.) sawlog volume in roundwood form to 4-inch top (ie; 3 = 1 - 2). . . (VALUE)

4. Sawlog residue (cu. ft.) equals gross merchantable roundwood volume in step 3 multiplied by 52.8% . . . . (VALUE)

This residue factor is derived as follows:

176 cu. ft. solid wood in round log = 1,000 fbm
83 cu. ft. solid wood in lumber = 1,000 fbm

93 cu. ft. solid wood in residue =

$$\frac{93}{176} \times 100 = 52.8\%$$

The residue consists of

28 cu. ft./M fbm in sawdust (15.9% of 176)
65 cu. ft./M fbm in slabs, edgings, trim (36.9% of 176)

5. Sawn product in gross merchantable cu. ft. (ie; 5 = 3 - 4)........................(VALUE)

6. Gross merchantable sawn product in fbm, at 83 cu. ft. of sawn product = 1,000 fbm

   (ie; $6 = \frac{5}{83} \times 1,000$...................(VALUE)

7. Pulpwood chip potential (7 = 3 x 36.9%)..(VALUE)

EXPLANATION

The values in Steps 1 and 2 come directly from the tables. The volume in Step 2 would be the portion from which pulpwood would be cut in an integrated operation. Step 3 gives the difference between the volumes derived from Steps 1 and 2, which is the volume for trees 6.6" DBH and larger to a 4" top. (All the board foot volumes computed from these data are calculated to a 4" top, because the factors needed to find the volume for the portion between a larger top and a 4" top are not available. Those factors would have to take account of such variables as cutting practices and market requirements, which may cause top diameter to range from nine inches to four.) The trend on integrated operations is to utilize to a four-inch top.

Steps 4, 5 and 6 arrive at the sawn production in feet board measure from the given cubic foot volume of sawlog roundwood. This is done by deducting for sawdust, slabs, edgings and trim and then converting the remainder to board measure.

It should be noted here that the factors commonly used in converting cubic foot standing volumes to roadside or mill volumes in other units tend to overestimate. This is because they are not designed to allow for logging losses arising from cull, breakage and other causes between the standing timber and the roundwood level.

The net effect of these losses is to call for a larger factor when attempting to relate standing volumes to roadside volumes. The size of this factor is further increased when the lower average yield of hardwoods--which are generally estimated with a softwood factor--is considered. The factor would also fluctuate with changing degrees of utilization.

What the correct values are has not been established. Indeed, it would be difficult to do so. It is because of these uncertaintities that this report presents all values in cubic feet, leaving it to the reader to select the factors he prefers.

In the two instances where conversion from cubic feet to board feet was made, the value 176 was used for the sake of consistency with former Department publications.

CONVERSION FACTOR REFERENCES

Bell, G.E.; Factors Influencing the Manufacture of Sawlogs into Lumber in Eastern Canada. Bulletin 99, Ottawa, 1951.

Department of Mines and Resources; Form Class Volume Tables (2nd Edition), Ottawa, 1948

Flann, I.B.; Some Conversion Factors and Related Information for Use in the Primary Forest Industries of Eastern Canada, Technical Note No. 26, Forest Products Research Laboratory, Ottawa, 1962.

Hawboldt, L.S.; "What is a Cord?" Department of Lands and Forests, Truro, 1965.

Society of American Foresters; Forestry Hand Book, New York, 1955.

VII List of Species

On the right is a list of the commercial Nova Scotia trees by their common and botanical names. It is according to the 1969 edition of Native Trees of Canada (Canadian Forestry Service, Department of Fisheries and Forestry, Ottawa, Ontario.)

SOFTWOODS

Balsam Fir	Abies balsamea (L.) Mill
Red Spruce	Picea rubens Sarg.
White Spruce	Picea glauca (Moench) Voss
Black Spruce	Picea mariana (Mill.) B.S.P.
Eastern Hemlock	Tsuga canadensis (L.)Carr.
Eastern White Pine	Pinus strobus L.
Red Pine	Pinus resinosa Ait.
Jack Pine	Pinus banksiana Lamb.
Scotch (or Scots) Pine*	Pinus sylvestris L.
Tamarack (Larch, Hackmatack)	Larix laricina (Du Roi) K. Koch
Eastern White Cedar	Thuja occidentalis L.

* introduced

HARDWOODS

Yellow Birch	Betula alleghaniensis Britt.
White Birch	Betula papyrifera March.
Grey (Wire) Birch	Betula populifolia Marsh.
Hard (Sugar) Maple	Acer saccharum Marsh.
Soft (Red) Maple	Acer rubrum L.
Beech	Fagus grandifolia Ehrh.
Red Oak	Quercus rubra L.
Largetooth Aspen	Populus grandidentata Michx.
Trembling Aspen	Populus tremuloides Michx.
Balsam Poplar	Populus balsamifera L.
American (White) Elm	Ulmus americana L.
Ironwood	Ostrya virginiana (Mill.) K. Koch
White Ash	Fraxinus americana L.
Black Ash	Fraxinus nigra Marsh.

VIII Tables

The tables are numbered consecutively for easy reference. The first four give acreage estimates by ownership class, municipality and subdivision. The remainder give volume estimates in cubic feet for each of the municipalities, and for the municipalities combined.

These volume estimates are given at the gross and gross merchantable levels, (as defined in section IV), and presented in four ways for each level: by density, by age, by site and by species. Except in the "Species" tables, they are classified by DBH group and ownership class only.

INDEX: AREA CLASSIFICATION ESTIMATES

(By ownership class, municipality and subdivision)

1. Major Forest and Non-forest Classes
2. Density Classes
3. Age Classes
4. Site Classes

INDEX: VOLUME ESTIMATES IN CUBIC FEET

By cover type (except in "Species" tables), DBH group, and ownership class.)

CLARE MUNICIPALITY

Gross Volume by:

5. Density Classes
6. Age Classes
7. Site Classes
8. Species

Gross Merchantable Volume by:

9. Density Classes
10. Age Classes
11. Site Classes
12. Species

DIGBY MUNICIPALITY

Gross Volume by:

13. Density Classes
14. Age Classes
15. Site Classes
16. Species

Gross Merchantable Volume by:

17. Density Classes
18. Age Classes
19. Site Classes
20. Species

YARMOUTH MUNICIPALITY

Gross Volume by:

21. Density Classes
22. Age Classes
23. Site Classes
24. Species

Gross Merchantable Volume by:

25. Density Classes
26. Age Classes
27. Site Classes
28. Species

ARGYLE MUNICIPALITY

Gross Volume by:

29. Density Classes
30. Age Classes
31. Site Classes
32. Species

Gross Merchantable Volume by:

33. Density Classes
34. Age Classes
35. Site Classes
36. Species

BARRINGTON MUNICIPALITY

Gross Volume by:

37. Density Classes
38. Age Classes
39. Site Classes
40. Species

Gross Merchantable Volume by:

41. Density Classes
42. Age Classes
43. Site Classes
44. Species

SHELBURNE MUNICIPALITY

Gross Volume by:

45. Density Classes
46. Age Classes
47. Site Classes
48. Species

Gross Merchantable Volume by:

49. Density Classes
50. Age Classes
51. Site Classes
52. Species

ALL MUNICIPALITIES

Gross Volume by:

53. Density Classes
54. Age Classes
55. Site Classes
56. Species

Gross Merchantable Volume by:

57. Density Classes
58. Age Classes
59. Site Classes
60. Species

The Tables:

MAJOR FOREST AND NON-FOREST LAND CLASSIFICATION SUBDIVISION 6 AREA IN ACRES BY MUNICIPALITY AND CWNERSHIP CLASS

1

M U N I C I P A L I T Y

FOREST LAND AND NON-FOREST LAND CLASSIFICATION	CLARE CROWN LAND	CLARE LARGE CWNER	CLARE SMALL OWNER	CLARE M R + P *	CLARE TOTAL	DIGBY CROWN LAND	DIGBY LARGE CWNER	DIGBY SMALL OWNER	DIGBY M R + P *	DIGBY TOTAL
FOREST LAND										
SOFTWOOD LAND	886	2571	4491		7949	5946	5427	6354	439	18168
MIXEDWOOD LAND	397	1989	4607		7195	3853	4008	3526	800	12188
HARDWOOD LAND	153	572	1608		2334	945	1453	1122	198	3720
CLEAR CUT										
RECENT BURN										
PLANTATION										
TOTAL FORESTED LAND	1437	5134	10506		17479	10745	10889	11003	1439	34077
NON-FOREST LAND										
BOGS OPEN + TREED	174	27	291		492	664	351	299	168	1483
ALDERS + BRUSH	55	92	743		890	563	146	519		1229
ROCK BARREN	67				67	1129	98			1228
AGRICULTURE + MARSH			1373		1373	30	191	1239	5	1466
URBAN			128		128					
ROAD AND R.R.	27	16	153		197	16	36	150	14	217
TRANSMISSION LINE			17		17			11		11
TIDAL FLATS + MARSH										
TOT NON-FOREST LAND	324	135	2707		3167	2404	824	2220	187	5637
WATER		713	669		1582	402	836	303	490	2033
FLOWAGE		107	333		440	77	108	58		244
TOTAL		821	1202		2023	479	945	361	490	2277
OFFSHORE SMALL ISLANDS										1211
GRAND TOTAL	1762	6091	14816		22670	13629	12659	13585	2117	43204

FOREST LAND AND NON-FOREST LAND CLASSIFICATION	YARMOUTH CROWN LAND	YARMOUTH LARGE OWNER	YARMOUTH SMALL OWNER	YARMOUTH M R + P *	YARMOUTH TOTAL	ARGYLE CROWN LAND	ARGYLE LARGE OWNER	ARGYLE SMALL OWNER	ARGYLE M R + P *	ARGYLE TOTAL
FOREST LAND										
SOFTWOOD LAND	112	474	3788		4375	6578	860	2412		9852
MIXEDWOOD LAND	68	518	4016		4603	7600	1369	2605		11575
HARDWOOD LAND	159	370	1438		1967	3156	288	1182		4626
CLEAR CUT										
RECENT BURN										
PLANTATION										
TOTAL FORESTED LAND	340	1363	9243		10947	17336	2518	6200		26054
NON-FOREST LAND										
BOGS OPEN + TREED		107	425		536	1537	42	193		1773
ALDERS + BRUSH			483		483	2143	94	951		3189
ROCK BARREN			40		40	1764		214		1979
AGRICULTURE + MARSH			739		739	31		319		350
URBAN								234		234
ROAD AND R.R.	17	3	163		184	25	6	151		183
TRANSMISSION LINE			3		3	42		18		61
TIDAL FLATS + MARSH			342		342			282		282
TOT NON-FOREST LAND	17	110	2203		2331	5544	143	2365		6053
WATER	783	394	1952		3130	3762	189	2237		6189
FLOWAGE			125		125	25		118		144
TOTAL	783	394	2077		3255	3788	189	2355		6334
OFFSHORE SMALL ISLANDS					2					332
GRAND TOTAL	1142	1868	13523		16536	26669	2851	10922		40775

FOREST LAND AND NON-FOREST LAND CLASSIFICATION	BARRINGTON CROWN LAND	BARRINGTON LARGE CWNER	BARRINGTON SMALL OWNER	BARRINGTON M R + P *	BARRINGTON TOTAL	SHELBURNE CROWN LAND	SHELBURNE LARGE OWNER	SHELBURNE SMALL OWNER	SHELBURNE M R + P *	SHELBURNE TOTAL
FOREST LAND										
SOFTWOOD LAND	2465	770	2425		5665	7917	3900	6654		18472
MIXEDWOOD LAND	2172	321	1892		4386	5356	2341	3539		11237
HARDWOOD LAND	345		144		489	2917	633	1574		5125
CLEAR CUT										
RECENT BURN										
PLANTATION										
TOTAL FORESTED LAND	4987	1091	4462		10542	16192	6875	11768		34836
NON-FOREST LAND										
BOGS OPEN + TREED	853	110	1573		2536	2978	991	1342		5312
ALDERS + BRUSH	833		1129		1962	1137	135	875		2147
ROCK BARREN						289	42			332
AGRICULTURE + MARSH			7		7		139	107		247
URBAN			20		20			64		64
ROAD AND R.R.	18		26		44	62	22	177		262
TRANSMISSION LINE		2	16		19	11	9	7		28
TIDAL FLATS + MARSH								98		98
TOT NON-FOREST LAND	1705	113	2773		4592	4479	1341	2673		8493
WATER	112	106	632		850	1644	672	1325		3642
FLOWAGE	34		30		65	94	22	293		411
TOTAL	146	106	662		916	1739	695	1619		4054
OFFSHORE SMALL ISLANDS					255					275
GRAND TOTAL	6839	1311	7899		16305	22410	8911	16061		47659

FOREST LAND AND NON-FOREST LAND CLASSIFICATION	ALL MUNICIPALITIES CROWN LAND	ALL MUNICIPALITIES LARGE OWNER	ALL MUNICIPALITIES SMALL OWNER	ALL MUNICIPALITIES M R + P *	ALL MUNICIPALITIES TOTAL
FOREST LAND					
SOFTWOOD LAND	23911	14006	26127	439	64485
MIXEDWOOD LAND	19450	10548	20387	800	51187
HARDWOOD LAND	7677	3318	7070	198	18265
CLEAR CUT					
RECENT BURN					
PLANTATION					
TOTAL FORESTED LAND	51039	27873	53585	1439	133937
NON-FOREST LAND					
BOGS OPEN + TREED	6208	1630	4128	168	12135
ALDERS + BRUSH	4733	468	4702		9904
ROCK BARREN	3250	141	255		3647
AGRICULTURE + MARSH	61	330	3788	5	4186
URBAN			448		448
ROAD AND R.R.	167	85	821	14	1089
TRANSMISSION LINE	53	12	76		142
TIDAL FLATS + MARSH			722		722
TOT NON-FOREST LAND	14475	2669	14943	187	32276
WATER	6704	2913	7320	490	17428
FLOWAGE	232	238	959		1431
TOTAL	6937	3152	8275	490	18860
OFFSHORE SMALL ISLANDS					2077
GRAND TOTAL	72453	33694	76808	2117	187152

1

* M R + P = MILITARY RESERVES AND PARKS ALL FIGURES ARE IN TENS OF ACRES

* M R + P = MILITARY RESERVES AND PARKS ALL FIGURES ARE IN TENS OF ACRES

S U B D I V I S I O N 6 A R E A I N A C R E S B Y M U N I C I P A L I T Y A N D O W N E R S H I P C L A S S

2

FOREST LAND BY DENSITY CLASSES	CLARE CROWN LAND	CLARE LARGE OWNER	CLARE SMALL OWNER	CLARE M R + P *	CLARE TOTAL	DIGBY CROWN LAND	DIGBY LARGE OWNER	DIGBY SMALL OWNER	DIGBY M R + P *	DIGBY TOTAL	YARMOUTH CROWN LAND	YARMOUTH LARGE OWNER	YARMOUTH SMALL OWNER	YARMOUTH M R + P *	YARMOUTH TOTAL
SOFTWOOD LAND															
UP TO 40(	354	617	1310		2283	2971	1302	2726	143	7143	86	276	1867		2230
41(- 60(	206	780	1607		2593	2080	1973	2526	227	6807	26	159	997		1182
61(- 80(	325	980	1229		2535	824	2045	995	69	3934		38	891		930
81(-100(		193	343		536	70	105	65		241			32		32
OVERSTOCKED								41		41					
TOTAL	886	2571	4491		7949	5946	5427	6354	439	18168	112	474	3788		4375
MIXEDWOOD LAND															
UP TO 40(	184	359	1476		2020	2371	1077	1738	320	5507	68	56	1146		1272
41(- 60(	154	1024	2415		3594	1063	2108	1142	433	4748		147	1945		2093
61(- 80(	58	605	812		1476	418	727	645	46	1838		314	524		1238
81(-100(			102		102		94			94					
OVERSTOCKED															
TOTAL	397	1989	4807		7195	3853	4008	3526	800	12188	68	518	4016		4603
HARDWOOD LAND															
UP TO 40(		191	216		407	626	507	241	78	1454		190	184		374
41(- 60(	82	47	642		772	262	613	346	45	1266	67	179	466		713
61(- 80(	70	281	663		1015	56	311	535	74	977	91		787		879
81(-100(		52	86		138		21			21					
OVERSTOCKED															
TOTAL	153	572	1608		2334	945	1453	1122	198	3720	159	370	1438		1967
ALL FOREST LAND															
UP TO 40(	538	1169	3003		4711	5969	2887	4706	542	14106	155	524	3197		3877
41(- 60(	443	1852	4664		6961	3406	4695	4014	706	12822	93	486	3409		3989
61(- 80(	454	1867	2705		5027	1299	3084	2176	190	6750	91	352	2603		3048
81(-100(		245	532		778	70	221	65		357			32		32
OVERSTOCKED								41		41					
TOTAL	1437	5134	10506		17479	10745	10889	11003	1439	34077	340	1363	9243		10947

FOREST LAND BY DENSITY CLASSES	ARGYLE CROWN LAND	ARGYLE LARGE OWNER	ARGYLE SMALL OWNER	ARGYLE M R + P *	ARGYLE TOTAL	BARRINGTON CROWN LAND	BARRINGTON LARGE OWNER	BARRINGTON SMALL OWNER	BARRINGTON M R + P *	BARRINGTON TOTAL	SHELBURNE CROWN LAND	SHELBURNE OARGE	SHELBURNE SMALL	SHELBURNE M R +	SHELBURNE TOTAL
SOFTWOOD LAND															
UP TO 40(	3637	172	1824		5634	1362	340	1322		3025	4697	1900	3442		10040
41(- 60(	2147	321	183		2651	544	335	593		1473	2235	1039	1976		5251
61(- 80(	781	345	405		1532	440	94	427		962	932	784	1085		2802
81(-100(	11	21			33	121		83		204	52	154	149		356
OVERSTOCKED												21			21
TOTAL	6578	860	2412		9852	2469	770	2425		5665	7917	3900	6654		18472
MIXEDWOOD LAND															
UP TO 40(	5253	457	810		6521	1723	146	583		2453	2136	1167	1329		4634
41(- 60(	2097	531	1047		3676	77	53	1104		1236	2379	982	1771		5133
61(- 80(	249	380	747		1378	371	90	204		665	840	191	437		1469
81(-100(							30			30					
OVERSTOCKED															
TOTAL	7600	1369	2605		11575	2172	321	1892		4386	5356	2341	3539		11237
HARDWOOD LAND															
UP TO 40(	1554	48	77		1680	112				112	1128	105	666		1899
41(- 60(	1012	166	338		1517	159		57		217	1018	217	684		1921
61(- 80(	590	73	765		1429	41		86		128	711	310	224		1246
81(-100(						31				31	58				58
OVERSTOCKED															
TOTAL	3156	288	1182		4626	345		144		489	2917	633	1574		5125
ALL FOREST LAND															
UP TO 40(	10445	678	2711		13835	3198	486	1905		5590	7963	3173	5438		16575
41(- 60(	5257	1018	1569		7845	782	389	1756		2927	5633	2239	4432		12305
61(- 80(	1621	799	1919		4340	853	184	718		1756	2484	1285	1748		5518
81(-100(	11	21			33	153	30	83		267	111	154	149		415
OVERSTOCKED												21			21
TOTAL	17336	2518	6200		26054	4987	1051	4462		10542	16192	6875	11768		34836

FOREST LAND BY DENSITY CLASSES	ALL MUNICIPALITIES CROWN LAND	ALL MUNICIPALITIES LARGE OWNER	ALL MUNICIPALITIES SMALL OWNER	ALL MUNICIPALITIES M R + P *	ALL MUNICIPALITIES TOTAL
SOFTWOOD LAND					
UP TO 40(	13110	4610	12453	143	30357
41(- 60(	7240	4609	7883	227	19960
61(- 80(	3304	4289	5034	69	12698
81(-100(	255	474	674		1405
OVERSTOCKED		21	41		63
TOTAL	23911	14006	26127	439	64485
MIXEDWOOD LAND					
UP TO 40(	11738	3265	7084	320	22409
41(- 60(	5773	4848	9427	433	20482
61(- 80(	1938	2308	3772	46	8067
81(-100(		125	102		228
OVERSTOCKED					
TOTAL	19450	10548	20387	800	51187
HARDWOOD LAND					
UP TO 40(	3422	1043	1385	78	5929
41(- 60(	2603	1224	2535	45	6408
61(- 80(	1562	977	3063	74	5677
81(-100(	90	73	86		250
OVERSTOCKED					
TOTAL	7677	3318	7070	198	18265
ALL FOREST LAND					
UP TO 40(	28270	8920	20562	542	58696
41(- 60(	15616	10681	19846	706	46851
61(- 80(	6806	7575	11870	190	26442
81(-100(	346	674	863		1884
OVERSTOCKED		21	41		63
TOTAL	51039	27873	53585	1439	133937

* M R + P = MILITARY RESERVES AND PARKS ALL FIGURES ARE IN TENS OF ACRES

2

3

SUBDIVISION 6 AREA IN ACRES BY MUNICIPALITY AND OWNERSHIP CLASS

CLARE

FOREST LAND BY AGE CLASSES	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL
SOFTWOOD LAND					
UP TO 20YRS		113	182		296
21YRS - 40YRS	62	468	1164		1695
41YRS - 60YRS	551	557	1092		2201
61YRS - 80YRS	228	990	1746		2966
81YRS -100YRS		425	271		694
101YRS OR MORE	43	16	33		93
UNEVENAGED STANDS					
TOTAL	886	2571	4491		7949
MIXEDWOOD LAND					
UP TO 20YRS		31	58		90
21YRS - 40YRS	66	36	344		447
41YRS - 60YRS	117	482	1161		1761
61YRS - 80YRS	155	1024	2607		3786
81YRS -100YRS		379	582		961
101YRS OR MORE		36			36
UNEVENAGED STANDS	58		53		111
TOTAL	397	1989	4807		7195
HARDWOOD LAND					
UP TO 20YRS					
21YRS - 40YRS			229		229
41YRS - 60YRS	153	229	698		1081
61YRS - 80YRS		300	532		832
81YRS -100YRS		43	147		192
101YRS OR MORE					
UNEVENAGED STANDS					
TOTAL	153	572	1608		2334
ALL FOREST LAND					
UP TO 20YRS		145	241		386
21YRS - 40YRS	129	504	1738		2371
41YRS - 60YRS	821	1269	2952		5044
61YRS - 80YRS	384	2314	4886		7585
81YRS -100YRS		847	1002		1849
101YRS OR MORE	43	53	33		129
UNEVENAGED STANDS	58		53		111
TOTAL	1437	5134	10906		17479

DIGBY

FOREST LAND BY AGE CLASSES	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL
SOFTWOOD LAND					
UP TO 20YRS	107	10	192		309
21YRS - 40YRS	763	686	1517		2967
41YRS - 60YRS	2967	1423	2759	192	7343
61YRS - 80YRS	1493	2714	1609	227	6045
81YRS -100YRS	399	275	203	19	898
101YRS OR MORE		135	71		206
UNEVENAGED STANDS	216	181			398
TOTAL	5946	5427	6354	439	18168
MIXEDWOOD LAND					
UP TO 20YRS	114			15	129
21YRS - 40YRS	450	413	636		1500
41YRS - 60YRS	1232	828	1445	323	3829
61YRS - 80YRS	1553	2244	1142	462	5402
81YRS -100YRS	68	320	277		666
101YRS OR MORE	60	27	23		111
UNEVENAGED STANDS	374	172			546
TOTAL	3853	4008	3526	800	12186
HARDWOOD LAND					
UP TO 20YRS	34		44		78
21YRS - 40YRS	50	89	264	17	421
41YRS - 60YRS	402	218	500	74	1195
61YRS - 80YRS	399	624	276	107	1407
81YRS -100YRS	58	506	36		601
101YRS OR MORE		15			15
UNEVENAGED STANDS					
TOTAL	945	1453	1122	198	3720
ALL FOREST LAND					
UP TO 20YRS	255	10	237	15	518
21YRS - 40YRS	1264	1189	2418	17	4890
41YRS - 60YRS	4601	2470	4706	589	12368
61YRS - 80YRS	3446	5583	3028	797	12855
81YRS -100YRS	526	1102	517	19	2166
101YRS OR MORE	60	177	95		333
UNEVENAGED STANDS	590	354			944
TOTAL	10745	10889	11003	1439	34077

YARMOUTH

FOREST LAND BY AGE CLASSES	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL
SOFTWOOD LAND					
UP TO 20YRS			131		131
21YRS - 40YRS	9	13	608		631
41YRS - 60YRS	16	255	1945		2217
61YRS - 80YRS	38	146	1103		1288
81YRS -100YRS		58			58
101YRS OR MORE	48				48
UNEVENAGED STANDS					
TOTAL	112	474	3788		4375
MIXEDWOOD LAND					
UP TO 20YRS			196		196
21YRS - 40YRS		12	578		591
41YRS - 60YRS		186	2532		2718
61YRS - 80YRS	54	304	610		970
81YRS -100YRS	13	14	55		83
101YRS OR MORE			43		43
UNEVENAGED STANDS					
TOTAL	68	518	4016		4603
HARDWOOD LAND					
UP TO 20YRS		66	13		80
21YRS - 40YRS			285		285
41YRS - 60YRS		145	923		1069
61YRS - 80YRS	21	158	103		283
81YRS -100YRS	109		79		188
101YRS OR MORE	28		32		60
UNEVENAGED STANDS					
TOTAL	159	370	1438		1967
ALL FOREST LAND					
UP TO 20YRS		66	341		408
21YRS - 40YRS	9	26	1472		1508
41YRS - 60YRS	16	587	5401		6005
61YRS - 80YRS	114	609	1817		2542
81YRS -100YRS	123	72	134		330
101YRS OR MORE	76		75		152
UNEVENAGED STANDS					
TOTAL	340	1363	9243		10947

* M R + P = MILITARY RESERVES AND PARKS

ALL FIGURES ARE IN TENS OF ACRES

ARGYLE

FOREST LAND BY AGE CLASSES	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL
SOFTWOOD LAND					
UP TO 20YRS	321		25		347
21YRS - 40YRS	681	21	755		1459
41YRS - 60YRS	3682	157	1203		5043
61YRS - 80YRS	1780	161	416		2359
81YRS -100YRS	107	406	10		524
101YRS OR MORE	3	113			117
UNEVENAGED STANDS					
TOTAL	6578	860	2412		9852
MIXEDWOOD LAND					
UP TO 20YRS	914	97	65		1077
21YRS - 40YRS	1491	56	375		1922
41YRS - 60YRS	1375	180	1382		2938
61YRS - 80YRS	2991	878	653		4522
81YRS -100YRS	649	48	31		729
101YRS OR MORE	179	108			287
UNEVENAGED STANDS			96		96
TOTAL	7600	1369	2605		11575
HARDWOOD LAND					
UP TO 20YRS	202		83		285
21YRS - 40YRS	397	12	217		627
41YRS - 60YRS	1342	128	460		1932
61YRS - 80YRS	829	146	325		1301
81YRS -100YRS	384		95		479
101YRS OR MORE					
UNEVENAGED STANDS					
TOTAL	3156	288	1182		4626
ALL FOREST LAND					
UP TO 20YRS	1438	97	174		1711
21YRS - 40YRS	2570	90	1348		4009
41YRS - 60YRS	6400	466	3046		9914
61YRS - 80YRS	5601	1186	1395		8183
81YRS -100YRS	1141	454	138		1734
101YRS OR MORE	183	222			405
UNEVENAGED STANDS			96		96
TOTAL	.7336	2518	6200		26054

BARRINGTON

FOREST LAND BY AGE CLASSES	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL
SOFTWOOD LAND					
UP TO 20YRS			200		200
21YRS - 40YRS	362	17	242		622
41YRS - 60YRS	965	474	1188		2627
61YRS - 80YRS	864	279	722		1866
81YRS -100YRS	213		72		286
101YRS OR MORE					
UNEVENAGED STANDS	63				63
TOTAL	2465	770	2425		5665
MIXEDWOOD LAND					
UP TO 20YRS					
21YRS - 40YRS	196	30	110		338
41YRS - 60YRS	181	145	363		690
61YRS - 80YRS	1570	76	1205		2852
81YRS -100YRS	223	69	141		434
101YRS OR MORE					
UNEVENAGED STANDS			70		70
TOTAL	2172	321	1892		4386
HARDWOOD LAND					
UP TO 20YRS					
21YRS - 40YRS	29				29
41YRS - 60YRS	82		63		145
61YRS - 80YRS	233		81		315
81YRS -100YRS					
101YRS OR MORE					
UNEVENAGED STANDS					
TOTAL	345		144		489
ALL FOREST LAND					
UP TO 20YRS			200		200
21YRS - 40YRS	588	47	353		989
41YRS - 60YRS	1228	619	1614		3463
61YRS - 80YRS	2669	355	2009		5034
81YRS -100YRS	437	69	214		720
101YRS OR MORE					
UNEVENAGED STANDS	63		70		133
TOTAL	4987	1091	4462		10542

SHELBURNE

FOREST LAND BY AGE CLASSES	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL
SOFTWOOD LAND					
UP TO 20YRS	224	11	123		360
21YRS - 40YRS	1204	248	1215		2667
41YRS - 60YRS	3981	1479	3662		9123
61YRS - 80YRS	2031	1711	1495		5237
81YRS -100YRS	476	313	114		903
101YRS OR MORE		136			136
UNEVENAGED STANDS			43		43
TOTAL	7917	3900	6654		18472
MIXEDWOOD LAND					
UP TO 20YRS	36	171	181		390
21YRS - 40YRS	230	255	706		1192
41YRS - 60YRS	2497	630	1135		4264
61YRS - 80YRS	2209	1283	1372		4865
81YRS -100YRS	382		89		472
101YRS OR MORE					
UNEVENAGED STANDS			53		53
TOTAL	5356	2341	3539		11237
HARDWOOD LAND					
UP TO 20YRS	407	127	224		759
21YRS - 40YRS	368	76	470		915
41YRS - 60YRS	1297	296	620		2214
61YRS - 80YRS	843	94	191		1129
81YRS -100YRS		39	66		105
101YRS OR MORE					
UNEVENAGED STANDS					
TOTAL	2917	633	1574		5125
ALL FOREST LAND					
UP TO 20YRS	669	310	529		1510
21YRS - 40YRS	1803	579	2393		4776
41YRS - 60YRS	7776	2406	5419		15602
61YRS - 80YRS	5083	3088	3059		11232
81YRS -100YRS	858	352	270		1481
101YRS OR MORE		136			136
UNEVENAGED STANDS			96		96
TOTAL	16192	6875	11768		34836

ALL MUNICIPALITIES

FOREST LAND BY AGE CLASSES	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL
SOFTWOOD LAND					
UP TO 20YRS	653	135	856		1645
21YRS - 40YRS	3084	1455	5503		10044
41YRS - 60YRS	12164	4349	11850	192	28556
61YRS - 80YRS	6436	6003	7055	227	19763
81YRS -100YRS	1197	1477	673	19	3368
101YRS OR MORE	95	402	104		602
UNEVENAGED STANDS	279	181	43		504
TOTAL	23911	14006	26127	439	64485
MIXEDWOOD LAND					
UP TO 20YRS	1065	300	502	15	1884
21YRS - 40YRS	2435	805	2752		5993
41YRS - 60YRS	5404	2453	8021	323	16202
61YRS - 80YRS	8534	5811	7592	462	22401
81YRS -100YRS	1338	832	1178		3348
101YRS OR MORE	239	172	66		478
UNEVENAGED STANDS	432	172	273		878
TOTAL	19450	10548	20387	800	51187
HARDWOOD LAND					
UP TO 20YRS	644	194	366		1205
21YRS - 40YRS	846	178	1466	17	2509
41YRS - 60YRS	3277	1018	3268	74	7639
61YRS - 80YRS	2327	1323	1510	107	5268
81YRS -100YRS	552	588	425		1566
101YRS OR MORE	28	15	32		76
UNEVENAGED STANDS					
TOTAL	7677	3318	7070	198	18265
ALL FOREST LAND					
UP TO 20YRS	2363	630	1725	15	4735
21YRS - 40YRS	6366	2439	9723	17	18546
41YRS - 60YRS	20846	7820	23141	589	52398
61YRS - 80YRS	17299	13138	16197	797	47433
81YRS -100YRS	3088	2898	2276	19	8283
101YRS OR MORE	363	589	203		1156
UNEVENAGED STANDS	712	354	316		1383
TOTAL	51039	27873	53585	1439	133937

* M R + P = MILITARY RESERVES AND PARKS

ALL FIGURES ARE IN TENS OF ACRES

3

4

SUBDIVISION 6 AREA IN ACRES BY MUNICIPALITY AND OWNERSHIP CLASS

FOREST LAND BY SITE CLASSES	CLARE CROWN LAND	CLARE LARGE OWNER	CLARE SMALL OWNER	CLARE M R + P *	CLARE TOTAL	DIGBY CROWN LAND	DIGBY LARGE OWNER	DIGBY SMALL OWNER	DIGBY M R + P *	DIGBY TOTAL
SOFTWOOD LAND										
1										
2	36		60		97	190				190
3		14	618		632	379	197	1215	125	1917
4	676	2281	3325		6283	3933	4742	4510	314	13499
5	173	276	486		936	1443	488	628		2560
6										
TOTAL	886	2571	4491		7949	5946	5427	6354	439	18168
MIXEDWOOD LAND										
1										
2										
3			25		25		208	228		437
4	397	1803	4387		6588	3293	3761	3077	800	10932
5		186	395		581	560	37	220		818
6										
TOTAL	397	1989	4807		7195	3853	4008	3526	800	12188
HARDWOOD LAND										
1										
2		52	13		66		62			62
3			572		572		25	265		291
4	153	520	1015		1689	872	1365	832	198	3269
5			6		6	72		24		97
6										
TOTAL	153	572	1608		2334	945	1453	1122	198	3720
ALL FOREST LAND										
1										
2	36	52	73		163	190	62			252
3		14	1215		1229	379	432	1709	125	2646
4	1227	4605	8728		14561	8099	9868	8419	1313	27701
5	173	462	888		1524	2076	525	874		3477
6										
TOTAL	1437	5134	10506		17479	10745	10889	11003	1439	34077

FOREST LAND BY SITE CLASSES	YARMOUTH CROWN LAND	YARMOUTH LARGE OWNER	YARMOUTH SMALL OWNER	YARMOUTH M R + P *	YARMOUTH TOTAL	ARGYLE CROWN LAND	ARGYLE LARGE OWNER	ARGYLE SMALL OWNER	ARGYLE M R + P *	ARGYLE TOTAL
SOFTWOOD LAND										
1										
2										
3		35	353		389	167		412		579
4	64	380	3143		3589	5163	729	1682		7575
5	48	57	290		396	1247	131	318		1697
6										
TOTAL	112	474	3788		4375	6578	860	2412		9852
MIXEDWOOD LAND										
1										
2										
3		62	316		378	75		142		218
4	54	411	3424		3890	6355	1369	2071		9796
5	13	44	275		334	1169		391		1560
6										
TOTAL	68	518	4016		4603	7600	1369	2605		11575
HARDWOOD LAND										
1			23		23					
2		95			95					
3		49	389		439	186		115		302
4	159	225	992		1376	2880	288	1066		4234
5			32		32	89				89
6										
TOTAL	159	370	1438		1967	3156	288	1182		4626
ALL FOREST LAND										
1			23		23					
2		95			95					
3		147	1059		1207	429		670		1100
4	278	1017	7560		8856	14400	2386	4919		21606
5	62	102	595		764	2505	131	709		3347
6										
TOTAL	340	1363	9243		10947	17336	2518	6200		26054

FOREST LAND BY SITE CLASSES	BARRINGTON CROWN LAND	BARRINGTON LARGE OWNER	BARRINGTON SMALL OWNER	BARRINGTON M R + P *	BARRINGTON TOTAL	SHELBURNE CROWN LAND	SHELBURNE LARGE OWNER	SHELBURNE SMALL OWNER	SHELBURNE M R + P *	SHELBURNE TOTAL
SOFTWOOD LAND										
1										
2							21			21
3		15			15	217	131	255		604
4	1463	469	1964		3898	5447	3028	5096		13572
5	1005	285	461		1751	2253	719	1302		4274
6										
TOTAL	2469	770	2425		5665	7917	3900	6654		18472
MIXEDWOOD LAND										
1										
2			4		4		18			18
3		25			25		124			124
4	1825	295	1859		3980	4851	2117	3466		10435
5	347		28		375	504	80	72		658
6										
TOTAL	2172	321	1892		4386	5356	2341	3539		11237
HARDWOOD LAND										
1										
2							31			31
3						71				71
4	233		144		377	2845	601	1574		5022
5	112				112					
6										
TOTAL	345		144		489	2917	633	1574		5125
ALL FOREST LAND										
1										
2			4		4		71			71
3		41			41	289	256	255		801
4	3522	764	3968		8256	13144	5747	10137		29029
5	1464	285	489		2239	2758	799	1375		4932
6										
TOTAL	4987	1091	4462		10542	16192	6875	11768		34836

FOREST LAND BY SITE CLASSES	ALL MUNICIPALITIES CROWN LAND	ALL MUNICIPALITIES LARGE OWNER	ALL MUNICIPALITIES SMALL OWNER	ALL MUNICIPALITIES M R + P *	ALL MUNICIPALITIES TOTAL
SOFTWOOD LAND					
1					
2	226	21	60		308
3	764	394	2855	125	4140
4	16748	11631	19722	314	48418
5	6171	1957	3488		11618
6					
TOTAL	23911	14006	26127	439	64485
MIXEDWOOD LAND					
1					
2		18	4		22
3	75	421	712		1210
4	16778	9758	18286	800	45624
5	2595	349	1384		4329
6					
TOTAL	19450	10548	20387	800	51187
HARDWOOD LAND					
1			23		23
2		242	13		256
3	258	75	1342		1676
4	7145	3000	5625	198	15970
5	274		64		338
6					
TOTAL	7677	3318	7070	198	18265
ALL FOREST LAND					
1			23		23
2	226	282	78		587
3	1098	892	4510	125	7027
4	40673	24390	43635	1313	110012
5	9041	2307	4937		16285
6					
TOTAL	51039	27873	53585	1439	133937

4

* M R + P = MILITARY RESERVES AND PARKS

ALL FIGURES ARE IN TENS OF ACRES

ESTIMATE – GROSS CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY – CLARE

5

OWNERSHIP CLASS

COVER TYPE AND DENSITY CLASS	CROWN LAND 4 - 6 DBH	CROWN LAND 7 - 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 - 6 DBH	LARGE OWNERS 7 - 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL	SMALL OWNERS 4 - 6 DBH	SMALL OWNERS 7 - 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	MILITARY RESERVES AND PARKS 7 - 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL	TOTAL 4 - 6 DBH	TOTAL 7 - 9 DBH	TOTAL 10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 40(	672	410	944	2028	1355	1070	676	3103	2164	2219	1941	6325					4193	3701	3562	11456
41(- 60(	843	421	519	1783	2557	2989	3920	9468	6115	7710	6815	20641					9516	11120	11255	31893
61(- 80(	1730	1325	1642	4698	3659	4091	7418	15168	5695	6853	8417	20966					11084	12270	17478	40833
81(-100(					702	1072	2178	3953	1541	2698	4567	8807					2244	3771	6745	12761
OVERSTOCKED																				
TOTAL	3246	2157	3106	8510	8275	9224	14193	31693	15517	19481	21742	56741					27039	30863	39042	96945
MIXEDWOOD LAND																				
UP TO 40(	419	355	420	1196	768	797	693	2259	2739	3491	2729	8960					3927	4644	3844	12416
41(- 60(	522	472	862	1857	2867	4184	5577	12628	7937	10185	13159	31282					11327	14842	19598	45768
61(- 80(	241	243	284	769	1815	2955	5890	10660	2710	4174	5826	12710					4766	7372	12001	24141
81(-100(									298	640	2308	3247					298	640	2308	3247
OVERSTOCKED																				
TOTAL	1182	1072	1567	3823	5451	7936	12160	25548	13685	18492	24024	56202					20320	27501	37753	85574
HARDWOOD LAND																				
UP TO 40(					277	302	449	1028	388	424	349	1162					665	726	798	2190
41(- 60(	235	197	49	481	123	114	198	436	1828	1967	3084	6879					2186	2279	3332	7798
61(- 80(	430	346	178	955	944	1379	1205	3529	2077	2511	3921	8509					3452	4236	5305	12994
81(-100(					253	180	118	552	419	432	236	1088					673	612	354	1640
OVERSTOCKED																				
TOTAL	666	543	228	1437	1598	1976	1971	5547	4713	5335	7591	17640					6978	7855	9791	24625
ALL FOREST LAND																				
UP TO 40(	1091	766	1365	3224	2402	2170	1819	6391	5292	6135	5020	16448					8786	9072	8205	26063
41(- 60(	1600	1091	1430	4122	5548	7288	9696	22534	15882	19862	23059	58804					23031	28242	34187	85461
61(- 80(	2402	1915	2106	6423	6418	8425	14513	29358	10482	13538	18165	42187					19304	23879	34785	77969
81(-100(					956	1253	2296	4506	2259	3772	7112	13143					3215	5025	9409	17649
OVERSTOCKED																				
TOTAL	5094	3773	4903	13771	15326	19138	28325	62790	33916	43309	53358	130584					54337	66220	86587	207145

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - CLARE

O W N E R S H I P   C L A S S

COVER TYPE AND AGE CLASS	CROWN LAND				LARGE OWNERS				SMALL OWNERS				MILITARY RESERVES AND PARKS				TOTAL			
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 20YRS					95	101	303	500	122	47		170					218	149	303	670
21YRS - 40YRS	142	24	26	193	1312	685	807	2805	2797	1778	1270	5847					4252	2488	2104	8845
41YRS - 60YRS	2433	1704	2222	6361	1821	1488	1393	4703	4898	6500	4154	15553					9153	9692	7771	26618
61YRS - 80YRS	505	270	278	1055	3572	5064	7546	16183	6459	9445	12664	28569					10537	14780	20489	45808
81YRS -100YRS					1430	1874	4141	7447	1125	1531	2730	5387					2556	3405	6872	12834
101YRS OR MORE	163	157	579	900	43	10		53	113	178	922	1213					320	345	1501	2167
UNEVENAGED STANDS																				
TOTAL	3246	2157	3106	6510	8275	9224	14193	31693	15517	19481	21742	56741					27039	30863	39042	96945
MIXEDWOOD LAND																				
UP TO 20YRS					1			1	12	29		42					14	29		44
21YRS - 40YRS	213	195	423	832	21	72	75	169	736	421	269	1427					971	689	769	2429
41YRS - 60YRS	410	310	464	1185	1372	1611	1708	4691	3722	4796	4336	12856					5505	6717	6509	18733
61YRS - 80YRS	317	323	394	1035	3100	4415	7243	14759	7301	10111	12864	30277					10720	14849	20503	46072
81YRS -100YRS					874	1662	2644	5181	1749	2965	6246	10961					2624	4627	8890	16142
101YRS OR MORE					80	174	489	744									80	174	489	744
UNEVENAGED STANDS	241	243	284	769					162	168	306	637					403	412	591	1406
TOTAL	1182	1072	1567	3823	5451	7936	12160	25548	13685	18492	24024	56202					20320	27501	37753	85574
HARDWOOD LAND																				
UP TO 20YRS																				
21YRS - 40YRS									450	257	93	801					450	257	93	801
41YRS - 60YRS	666	543	228	1437	685	601	719	2006	2568	2473	2736	7778					392	3618	3683	11222
61YRS - 80YRS					862	1293	1117	3273	1385	2054	3465	6905					2247	3347	4583	10178
81YRS -100YRS					49	82	134	267	309	549	1295	2154					359	632	1430	2422
101YRS OR MORE																				
UNEVENAGED STANDS																				
TOTAL	666	543	228	1437	1598	1976	1971	5547	4713	5335	7591	17640					6978	7855	9791	24625
ALL FOREST LAND																				
UP TO 20YRS					97	101	303	502	134	77		212					232	178	303	714
21YRS - 40YRS	355	220	449	1025	1333	757	882	2974	3984	2457	1634	8076					5673	3435	2966	12076
41YRS - 60YRS	3510	2558	2915	8984	3879	3701	3821	11401	11190	13770	11228	36188					18579	20029	17965	56574
61YRS - 80YRS	823	593	673	2090	7535	10772	15908	34216	15146	21611	28994	65752					23505	32977	45576	102059
81YRS -100YRS					2355	3619	6920	12895	3185	5045	10272	18504					5540	8665	17193	31399
101YRS OR MORE	163	157	579	900	124	184	489	798	113	178	922	1213					401	520	1990	2912
UNEVENAGED STANDS	241	243	284	769					162	168	306	637					403	412	591	1406
TOTAL	5094	3773	4903	13771	15326	19138	28325	62790	33916	43309	53358	130584					54337	66220	86587	207145

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - CLARE

COVER TYPE AND SITE CLASS	O W N E R S H I P C L A S S																			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				MILITARY RESERVES AND PARKS				T O T A L			
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
1																				
2	52	151	602	806					340	472	386	1199					393	624	989	2006
3					96	114		211	1920	2413	1382	5715					2016	2528	1382	5927
4	2825	1853	2482	7161	7328	8711	13749	29789	11432	14896	19163	45491					21586	25461	35395	82443
5	368	151	21	541	850	398	443	1692	1824	1699	810	4333					3042	2250	1275	6568
6																				
TOTAL	3246	2157	3106	8510	8275	9224	14193	31693	15517	19481	21742	56741					27039	30863	39042	96945
MIXEDWOOD LAND																				
1																				
2																				
3									84	212	150	447					84	212	150	447
4	1182	1072	1567	3823	4971	7420	11531	23924	12284	16837	22707	51830					18439	25330	35807	79577
5					479	515	628	1624	1316	1441	1166	3925					1796	1957	1795	5549
6																				
TOTAL	1182	1072	1567	3823	5451	7936	12160	25548	13685	18492	24024	56202					20320	27501	37753	85574
HARDWOOD LAND																				
1																				
2					253	180	118	552	60	87	53	201					314	268	171	753
3									2036	1985	2332	6354					2036	1985	2332	6354
4	666	543	228	1437	1345	1796	1853	4994	2612	3245	5108	10967					4623	5585	7190	17400
5									3	16	96	116					3	16	96	116
6																				
TOTAL	666	543	228	1437	1598	1976	1971	5547	4713	5335	7591	17640					6978	7855	9791	24625
ALL FOREST LAND																				
1																				
2	52	151	602	806	253	180	118	552	401	560	439	1401					707	892	1160	2760
3					96	114		211	4040	4610	3865	12517					4137	4725	3865	12728
4	4674	3469	4278	12422	13645	17928	27134	58709	26329	34979	46980	108289					44649	56377	78394	179421
5	368	151	21	541	1329	914	1072	3316	3145	3158	2072	8375					4843	4224	3166	12234
6																				
TOTAL	5094	3773	4903	13771	15326	19138	28325	62790	33916	43309	53358	130584					54337	66220	86587	207149

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSS CUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

05/02/72 MUNICIPALITY - CLARE

O W N E R S H I P   C L A S S

S P E C I E S	CROWN LAND				LARGE OWNERS				SMALL OWNERS				MILITARY RESERVES AND PARKS				TOTAL			
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
WHITE SPRUCE	90	185	222	498	141	191	435	768	1321	1813	1582	4717					1553	2190	2240	5984
SPRUCE-RED + BLACK	2211	1262	740	4215	5822	8915	15210	29947	14119	22408	30369	66897					22153	32586	46320	101061
FIR	1260	778	197	2236	4235	3178	1130	8544	4316	3020	608	7946					9813	6977	1936	18727
HEMLOCK					112	418	1813	2345	412	1540	5274	7226					525	1959	7087	9572
WHITE PINE	139	301	3169	3610	228	140	1982	2352	112	331	1435	1878					480	773	6587	7840
RED PINE									3			3					3			3
LARCH	141	123	74	340	207	301	118	626	853	1238	490	2582					1202	1663	683	3549
JACK PINE																				
SCOTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	3844	2651	4404	10900	10747	13145	20691	44584	21139	30353	39759	91253					35732	46150	64856	146739
SUGAR MAPLE					479	622	527	1629	1305	1513	2864	5683					1785	2135	3392	7312
RED MAPLE	1191	994	441	2627	2719	3691	5010	11421	5996	5832	5283	17112					9906	10518	10735	31161
YELLOW BIRCH	6	34		40	299	551	1087	1938	2010	2085	3039	7135					2316	2671	4126	9114
WHITE BIRCH	37	61	32	132	521	392	243	1157	801	848	168	1818					1361	1302	444	3107
OAK										16		16						16		16
ASPEN			23	23		9	163	172	90	218	76	386					90	228	264	583
GREY BIRCH					21			21	66	31		97					88	31		119
WHITE ASH					84	66	60	210	219	257	206	684					304	324	266	894
BLACK ASH					8			8									8			8
CHERRY	14	31		45	6			6									21	31		52
ELM																				
BEECH					437	659	541	1639	2285	2150	1959	6395					2722	2810	2501	8034
BALSAM POPLAR																				
TOTAL HARDWOODS	1250	1121	498	2870	4578	5992	7634	18205	12776	12955	13598	39330					18605	20069	21731	60406
MISCELLANEOUS																				
TOTAL FOREST LAND	5094	3773	4903	13771	15326	19138	28325	62790	33916	43309	53358	130584					54337	66220	86587	207145

ALL FIGURES ARE IN THOUSANDS CU. FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS — MUNICIPALITY - CLARE

COVER TYPE AND DENSITY CLASS	CROWN LAND 4 - 6 DBH	CROWN LAND 7 - 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 - 6 DBH	LARGE OWNERS 7 - 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL	SMALL OWNERS 4 - 6 DBH	SMALL OWNERS 7 - 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	MILITARY RESERVES AND PARKS 7 - 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL	TOTAL 4 - 6 DBH	TOTAL 7 - 9 DBH	TOTAL 10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 40(	445	350	878	1674	929	926	617	2473	1454	1895	1777	5127					2828	3172	3273	9275
41(- 60(	555	359	478	1393	1732	2568	3609	7910	4134	6600	6269	17004					6423	9528	10357	26309
61(- 80(	1178	1135	1509	3824	2518	3514	6836	12869	3846	5894	7735	17476					7543	10544	16081	34170
81(-100(					485	927	2020	3433	1064	2334	4214	7612					1549	3262	6235	11046
OVERSTOCKED																				
TOTAL	2179	1845	2866	6892	5665	7936	13085	26687	10500	16725	19996	47221					18345	26507	35948	80801
MIXEDWOOD LAND																				
UP TO 40(	270	305	385	961	528	665	633	1827	1812	2952	2470	7234					2611	3923	3489	10024
41(- 60(	335	402	796	1534	1970	3559	5062	10592	5364	8637	12028	26030					7670	12600	17887	38158
61(- 80(	167	202	259	629	1248	2515	5412	9176	1849	3553	5344	10747					3265	6271	11016	20553
81(-100(									195	543	2128	2867					195	543	2128	2867
OVERSTOCKED																				
TOTAL	773	910	1441	3126	3747	6740	11107	21596	9221	15687	21972	46881					13742	23338	34522	71604
HARDWOOD LAND																				
UP TO 40(					188	252	405	846	254	349	310	913					442	601	715	1759
41(- 60(	158	161	43	364	82	97	179	358	1219	1622	2769	5612					1460	1881	2993	6335
61(- 80(	285	283	164	733	641	1140	1092	2874	1416	2082	3538	7037					2343	3505	4795	10644
81(-100(					176	147	102	426	280	353	217	851					456	500	320	1277
OVERSTOCKED																				
TOTAL	444	444	208	1097	1087	1637	1780	4505	3172	4407	6835	14415					4704	6489	8824	20017
ALL FOREST LAND																				
UP TO 40(	715	655	1264	2636	1645	1844	1657	5147	3521	5197	4557	13275					5882	7697	7479	21059
41(- 60(	1050	923	1318	3292	3785	6225	8851	18862	10718	16861	21068	48648					15555	24010	31238	70803
61(- 80(	1632	1621	1933	5186	4407	7170	13341	24919	7113	11530	16618	35262					13153	20322	31893	65368
81(-100(					661	1074	2123	3860	1540	3231	6560	11332					2202	4305	8684	15192
OVERSTOCKED																				
TOTAL	3398	3200	4517	11115	10500	16314	25973	52789	22893	36820	48804	108518					36792	56335	79295	172424

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - CLARE

COVER TYPE AND AGE CLASS	O W N E R S H I P C L A S S: C R O W N L A N D 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	L A R G E O W N E R S 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	S M A L L O W N E R S 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	T O T A L 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 20YRS					62	84	270	417	82	40		122					145	124	270	540
21YRS - 40YRS	86	20	23	131	861	576	725	2162	1844	1517	1164	4526					2791	2114	1913	6820
41YRS - 60YRS	1656	1457	2045	5159	1243	1278	1284	3806	3315	5602	3825	12743					6216	8338	7155	21710
61YRS - 80YRS	319	233	256	809	2484	4364	6967	13815	4404	8104	11639	24148					7207	12703	18863	38774
81YRS -100YRS					986	1624	3837	6448	771	1308	2519	4600					1757	2932	6357	11048
101YRS OR MORE	117	132	541	791	27	8		35	82	151	845	1080					226	293	1387	1907
UNEVENAGED STANDS																				
TOTAL	2179	1845	2866	6892	5665	7936	13085	26687	10500	16725	19996	47221					18345	26507	35948	80801
MIXEDWOOD LAND																				
UP TO 20YRS					1			1	6	24		31					7	24		32
21YRS - 40YRS	137	167	396	702	11	62	67	142	486	357	244	1089					636	538	709	1933
41YRS - 60YRS	256	262	423	942	915	1362	1562	3840	2460	4072	3974	10507					3632	5698	5959	15290
61YRS - 80YRS	212	277	362	852	2161	3752	6631	12546	4984	8565	11728	25278					7358	12595	18722	38676
81YRS -100YRS					604	1415	2403	4423	1171	2522	5745	9439					1776	3937	8149	13862
101YRS OR MORE					52	147	442	642									52	147	442	642
UNEVENAGED STANDS	167	202	259	629					111	145	278	535					278	347	538	1164
TOTAL	773	910	1441	3126	3747	6740	11107	21596	9221	15687	21972	46881					13742	23338	34522	71604
HARDWOOD LAND																				
UP TO 20YRS																				
21YRS - 40YRS									283	211	84	579					283	211	84	579
41YRS - 60YRS	444	444	208	1097	455	498	659	1613	1719	2035	2464	6219					2620	2979	3332	8931
61YRS - 80YRS					599	1067	997	2664	954	1707	3125	5787					1553	2775	4123	8452
81YRS -100YRS					32	70	124	227	214	452	1160	1827					246	523	1284	2054
101YRS OR MORE																				
UNEVENAGED STANDS																				
TOTAL	444	444	208	1097	1087	1637	1780	4505	3172	4407	6835	14415					4704	6489	8824	20017
ALL FOREST LAND																				
UP TO 20YRS					64	84	270	418	88	65		153					152	149	270	572
21YRS - 40YRS	224	188	420	833	873	639	792	2305	2614	2086	1493	6194					3712	2914	2707	9333
41YRS - 60YRS	2357	2165	2676	7199	2615	3140	3505	9261	7496	11710	10264	29471					12468	17015	16447	45932
61YRS - 80YRS	531	511	618	1661	5244	9185	14596	29026	10343	18377	26494	55215					16119	28074	41709	85903
81YRS -100YRS					1623	3109	6365	11098	2157	4283	9426	15867					3780	7393	15791	26966
101YRS OR MORE	117	132	541	791	79	155	442	678	82	151	845	1080					279	440	1830	2550
UNEVENAGED STANDS	167	202	259	629					111	145	278	535					278	347	538	1164
TOTAL	3398	3200	4517	11115	10500	16314	25973	52789	22893	36820	48804	108518					36792	56335	79295	172424

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E – MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY – CLARE

COVER TYPE AND SITE CLASS	CROWN LAND 4 – 6 DBH	CROWN LAND 7 – 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 – 6 DBH	LARGE OWNERS 7 – 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL	SMALL OWNERS 4 – 6 DBH	SMALL OWNERS 7 – 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 – 6 DBH	MILITARY RESERVES AND PARKS 7 – 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL	TOTAL 4 – 6 DBH	TOTAL 7 – 9 DBH	TOTAL 10 + UP DBH	TOTAL
SOFTWOOD LAND																				
1																				
2	37	130	550	718					225	406	357	989					263	537	907	1708
3					65	99		165	1309	2074	1268	4653					1375	2174	1268	4818
4	1915	1583	2298	5797	5046	7496	12679	25222	7725	12789	17623	38138					14687	21869	32600	69157
5	226	130	18	376	553	339	406	1299	1238	1454	747	3440					2019	1925	1171	5116
6																				
TOTAL	2179	1845	2866	6892	5665	7936	13085	26687	10500	16725	19996	47221					18345	26507	35948	80801
MIXEDWOOD LAND																				
1																				
2																				
3									54	181	139	375					54	181	139	375
4	773	910	1441	3126	3415	6306	10539	20260	8299	14276	20765	43342					12488	21493	32747	66728
5					332	434	568	1336	867	1228	1067	3163					1200	1663	1635	4499
6																				
TOTAL	773	910	1441	3126	3747	6740	11107	21596	9221	15687	21972	46881					13742	23338	34522	71604
HARDWOOD LAND																				
1																				
2					176	147	102	426	43	74	47	165					219	221	150	591
3									1358	1627	2115	5102					1358	1627	2115	5102
4	444	444	208	1097	911	1490	1677	4079	1767	2690	4585	9043					3123	4625	6471	14220
5									2	14	86	103					2	14	86	103
6																				
TOTAL	444	444	208	1097	1087	1637	1780	4505	3172	4407	6835	14415					4704	6489	8824	20017
ALL FOREST LAND																				
1																				
2	37	130	550	718	176	147	102	426	268	481	404	1154					482	759	1058	2299
3					65	99		165	2723	3884	3523	10130					2789	3983	3523	10296
4	3134	2938	3948	10020	9372	15293	24896	49561	17792	29757	42974	90524					30299	47989	71819	150107
5	226	130	18	376	886	774	974	2635	2109	2697	1901	6708					3222	3603	2894	9720
6																				
TOTAL	3398	3200	4517	11115	10500	16314	25973	52789	22893	36820	48804	108518					36792	56335	79295	172424

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS 05/02/72 MUNICIPALITY - CLARE

O W N E R S H I P   C L A S S

S P E C I E S	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				MILITARY RESERVES AND PARKS				T O T A L			
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
WHITE SPRUCE	59	158	202	420	91	162	395	650	887	1549	1434	3871					1038	1871	2032	4942
SPRUCE-RED + BLACK	1456	1078	683	3217	3922	7707	14108	25738	9555	19339	28119	57014					14934	28124	42911	85970
FIR	889	682	185	1756	3040	2793	1057	6890	3069	2656	567	6292					6998	6131	1810	14940
HEMLOCK					83	357	1683	2124	297	1317	4809	6425					381	1675	6492	8549
WHITE PINE	100	258	2941	3300	154	119	1835	2109	79	284	1326	1690					335	662	6103	7100
RED PINE									2			2					2			2
LARCH	94	105	69	269	143	258	108	510	578	1067	451	2096					817	1431	628	2877
JACK PINE																				
SCOTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	2600	2283	4080	8964	7436	11398	19189	38023	14470	26214	36708	77394					24507	39896	59978	124382
SUGAR MAPLE					325	507	471	1304	876	1235	2573	4685					1201	1742	3044	5989
RED MAPLE	755	813	385	1954	1794	3028	4447	9269	3911	4772	4673	13357					6461	8614	9506	24582
YELLOW BIRCH	4	27		32	196	454	969	1620	1325	1708	2720	5754					1527	2191	3689	7407
WHITE BIRCH	26	50	29	106	364	319	214	898	532	696	149	1378					924	1066	392	2383
OAK										14		14						14		14
ASPEN			21	21		7	152	160	62	186	70	319					62	194	244	500
GREY BIRCH					13			13	41	24		66					55	24		80
WHITE ASH					58	53	52	165	143	209	181	535					202	263	234	700
BLACK ASH					5			5									5			5
CHERRY	10	24		35	3			3									14	24		39
ELM																				
BEECH					302	545	476	1323	1527	1757	1728	5013					1830	2302	2204	6337
BALSAM POPLAR																				
TOTAL HARDWOODS	797	917	436	2150	3064	4916	6784	14766	8422	10605	12096	31124					12285	16439	19316	48041
MISCELLANEOUS																				
TOTAL FOREST LAND	3398	3200	4517	11115	10500	16314	25973	52789	22893	36820	48804	108518					36792	56339	79295	172424

ALL FIGURES ARE IN THOUSANDS CU. FT.

ESTIMATE - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS — MUNICIPALITY - DIGBY

OWNERSHIP CLASS

COVER TYPE AND DENSITY CLASS	CROWN LAND				LARGE OWNERS				SMALL OWNERS				MILITARY RESERVES AND PARKS				TOTAL			
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 40(	4081	2727	4107	10916	2385	2386	6858	11630	4051	3558	2910	10521	391	542	1260	2193	10909	9214	15136	35261
41(- 60(	6171	4405	6252	16829	6930	7640	15664	30235	8832	9384	8275	26492	583	660	1991	3235	22513	22091	32184	76793
61(- 80(	2841	2671	4941	10454	10729	11131	12657	34519	4796	6159	7771	18727	176	376	1198	1752	18545	20339	26569	65454
81(-100(	206	485	689	1381	313	621	1903	2838	279	19		299					799	1126	2592	4519
OVERSTOCKED									262	601	211	1075					262	601	211	1075
TOTAL	13301	10289	15990	35582	20359	21780	37084	79223	18222	19723	19170	57116	1151	1579	4450	7182	53035	53373	76694	183104
MIXEDWOOD LAND																				
UP TO 40(	3062	3825	5036	11924	2165	3660	6380	12206	2734	2857	2569	8160	647	865	1223	2736	8609	11209	15209	35028
41(- 60(	3061	3931	3385	10378	6812	9175	12351	28340	3520	4174	5787	13482	1343	1678	1727	4750	14738	18960	23251	56951
61(- 80(	1043	1517	1873	4433	2759	3491	4916	11166	2367	2552	2549	7470	102	79	231	413	6272	7640	9570	23484
81(-100(					193	57	47	297									193	57	47	297
OVERSTOCKED																				
TOTAL	7167	9274	10294	26736	11931	16385	23695	52012	8622	9585	10905	29113	2093	2623	3182	7899	29814	37868	48079	115762
HARDWOOD LAND																				
UP TO 40(	1127	1162	1555	3845	652	784	1727	3164	508	325	376	1210	155	220	266	641	2443	2492	3925	8861
41(- 60(	886	987	1146	3021	1941	2340	2342	6625	1119	1020	952	3091	71	181	89	342	4019	4530	4531	13081
61(- 80(	220	277	143	641	1100	1001	947	3048	2152	1564	1071	4788	308	245	232	785	3781	3088	2394	9264
81(-100(					162	318	135	616									162	318	135	616
OVERSTOCKED																				
TOTAL	2234	2428	2845	7508	3856	4444	5152	13454	3780	2910	2400	9090	535	646	587	1769	10406	10429	10986	31823
ALL FOREST LAND																				
UP TO 40(	8272	7715	10698	26686	5202	6831	14966	27001	7293	6741	5856	19892	1193	1627	2749	5571	21962	22917	34271	79151
41(- 60(	10120	9325	10784	30229	15685	19156	30358	65201	13471	14579	15015	43066	1999	2520	3808	8328	41276	45582	59967	146826
61(- 80(	4105	4465	6958	15529	14589	15624	18521	48734	9317	10277	11392	30986	587	701	1662	2951	28599	31068	38534	98202
81(-100(	206	485	689	1381	669	996	2085	3752	279	19		299					1155	1502	2775	5433
OVERSTOCKED									262	601	211	1075					262	601	211	1075
TOTAL	22704	21992	29130	73827	36147	42610	65932	144689	30624	32219	32476	95320	3780	4849	8221	16851	93256	101672	135760	330685

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - DIGBY

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O W N E R S H I P   C L A S S

COVER TYPE AND AGE CLASS	CROWN LAND 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	LARGE OWNERS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	SMALL OWNERS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	TOTAL 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 20YRS	24	70	77	172					134	66		200					158	136	77	373
21YRS - 40YRS	1330	1024	1816	4170	2108	989	845	3942	3533	2143	826	6504					6971	4157	3488	14617
41YRS - 60YRS	6557	5310	6037	17904	5911	5274	5814	17000	8566	9863	7586	26016	421	930	1631	2983	21456	21378	21069	63904
61YRS - 80YRS	3956	2829	4307	11094	10347	13380	23218	46946	5321	6605	8109	20037	711	649	2636	3998	20337	23465	38273	82076
81YRS -100YRS	928	661	2189	3779	1058	834	2844	4737	613	1030	2646	4290	18		181	200	2620	2526	7861	13008
101YRS OR MORE					281	449	1929	2661	53	14		67					335	463	1929	2728
UNEVENAGED STANDS	504	393	1562	2459	650	852	2431	3934									1154	1245	3993	6394
TOTAL	13301	10289	15990	39582	20359	21780	37084	79223	18222	19723	19170	57116	1151	1579	4450	7182	53035	53373	76694	183104
MIXEDWOOD LAND																				
UP TO 20YRS	15	30	43	89													15	30	43	89
21YRS - 40YRS	407	352	123	883	1058	406	540	2006	1300	969	543	2813					2767	1728	1207	5703
41YRS - 60YRS	1631	2066	1745	5443	2884	3396	4569	10850	3892	3244	3359	10496	643	783	1583	3010	9051	9491	11257	29800
61YRS - 80YRS	3699	5190	4871	13761	6624	10133	13406	30164	2909	4350	4969	12230	1450	1839	1599	4889	14683	21514	24847	61046
81YRS -100YRS	158	308	454	921	840	1686	3031	5558	429	872	1804	3106					1429	2866	5290	9586
101YRS OR MORE	150	106	518	775	35	53	420	509	90	147	228	466					275	308	1168	1751
UNEVENAGED STANDS	1103	1219	2537	4861	487	708	1726	2922									1591	1927	4264	7783
TOTAL	7167	9274	10294	26736	11931	16385	23695	52012	8622	9585	10905	29113	2093	2623	3182	7899	29814	37868	48079	115762
HARDWOOD LAND																				
UP TO 20YRS									4			4					4			4
21YRS - 40YRS	76			76	217	87	147	452	586	288	41	916	7		42	49	888	375	231	1456
41YRS - 60YRS	982	920	459	2363	672	487	651	1812	2146	1150	1066	4362	308	245	232	785	4110	2804	2410	9324
61YRS - 80YRS	1104	1272	1653	4030	2218	2946	2386	7551	909	1175	954	3039	219	401	313	934	4453	5795	5307	15555
81YRS -100YRS	69	235	732	1037	687	845	1860	3393	132	296	337	766					890	1377	2930	5198
101YRS OR MORE					59	77	106	243									59	77	106	243
UNEVENAGED STANDS																				
TOTAL	2234	2428	2845	7508	3856	4444	5152	13454	3780	2910	2400	9090	535	646	587	1769	10406	10429	10986	31823
ALL FOREST LAND																				
UP TO 20YRS	39	100	121	261					139	66		205					178	166	121	467
21YRS - 40YRS	1814	1376	1939	5131	3384	1483	1533	6401	5420	3402	1411	10234	7		42	49	10627	6262	4927	21817
41YRS - 60YRS	9172	8297	8242	25712	9468	9158	11036	29663	14604	14258	12012	40875	1372	1958	3447	6778	34618	33673	34738	103030
61YRS - 80YRS	8761	9292	10832	28886	19190	26460	39011	84662	9140	12131	14034	35307	2381	2890	4549	9822	39474	50775	68427	158678
81YRS -100YRS	1157	1205	3375	5739	2587	3365	7735	13689	1175	2199	4788	8164	18		181	200	4940	6770	16082	27793
101YRS OR MORE	150	106	518	775	377	580	2456	3414	143	161	228	534					670	849	3204	4724
UNEVENAGED STANDS	1607	1612	4100	7321	1138	1560	4158	6857									2746	3173	8258	14178
TOTAL	22704	21992	29130	72827	36147	42610	65932	144689	30624	32219	32476	95320	3780	4849	8221	16851	93256	101672	135760	330689

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E – GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES — MUNICIPALITY – DIGBY

COVER TYPE AND SITE CLASS	CROWN LAND 4 – 6 DBH	CROWN LAND 7 – 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 – 6 DBH	LARGE OWNERS 7 – 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL	SMALL OWNERS 4 – 6 DBH	SMALL OWNERS 7 – 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 – 6 DBH	MILITARY RESERVES AND PARKS 7 – 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL	TOTAL 4 – 6 DBH	TOTAL 7 – 9 DBH	TOTAL 10 + UP DBH	TOTAL
SOFTWOOD LAND																				
1																				
2	503	1015	3129	4648													503	1015	3129	4648
3	724	1174	3052	4950	470	171	60	702	4100	4803	4463	13367	224	617	1509	2351	5519	6766	9085	21371
4	9158	6726	9042	24926	18238	20984	36323	75546	13165	14419	14427	42011	927	962	2940	4830	41490	43092	62734	147316
5	2915	1373	766	5056	1649	624	700	2974	956	501	279	1736					5521	2499	1745	9767
6																				
TOTAL	13301	10289	15990	35582	20359	21780	37084	79223	18222	19723	19170	57116	1151	1579	4450	7182	53035	53373	76694	183104
MIXEDWOOD LAND																				
1																				
2																				
3					533	272	522	1328	375	426	462	1265					909	698	985	2593
4	6632	8782	9924	25339	11232	15965	22910	50108	7917	8794	9963	26674	2093	2623	3182	7899	27875	36166	45981	110022
5	535	491	369	1397	164	146	262	574	329	364	479	1173					1029	1003	1112	3145
6																				
TOTAL	7167	9274	10294	26736	11931	16385	23695	52012	8622	9585	10905	29113	2093	2623	3182	7899	29814	37868	48079	115762
HARDWOOD LAND																				
1																				
2					208	87	147	443									208	87	147	443
3					100	57	60	217	513	395	226	1135					613	452	286	1353
4	2218	2419	2827	7465	3548	4299	4944	12793	3190	2505	2173	7869	535	646	587	1769	9492	9871	10534	29897
5	16	8	18	43					76	9		86					92	18	18	129
6																				
TOTAL	2234	2428	2845	7508	3856	4444	5152	13454	3780	2910	2400	9090	535	646	587	1769	10406	10429	10986	31823
ALL FOREST LAND																				
1																				
2	503	1015	3129	4648	208	87	147	443									712	1102	3276	5091
3	724	1174	3052	4950	1104	501	642	2248	4989	5625	5153	15768	224	617	1509	2351	7042	7918	10357	25318
4	18009	17927	21794	57731	33019	41250	64179	138449	24272	25718	26564	76556	3556	4232	6711	14500	78858	89129	119249	287237
5	3467	1874	1154	6496	1814	771	962	3548	1361	875	758	2995					6643	3521	2876	13041
6																				
TOTAL	22704	21992	29130	73827	36147	42610	65932	144689	30624	32219	32476	95320	3780	4849	8221	16851	93256	101672	135760	330689

ALL FIGURES ARE IN THOUSANDS CU.FT.

ESTIMATE - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - DIGBY

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OWNERSHIP CLASS

SPECIES	CROWN LAND				LARGE OWNERS				SMALL OWNERS				MILITARY RESERVES AND PARKS				TOTAL			
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
WHITE SPRUCE	27	11	25	64	806	722	929	2458	2828	3404	2556	8790	10			10	3673	4138	3511	11323
SPRUCE-RED + BLACK	11585	6801	2329	20716	13278	18577	28442	60298	10484	13443	15056	38983	1179	867	155	2201	36527	39690	45983	122200
FIR	4203	3301	1298	8803	10241	7258	2404	19904	7211	4378	1249	12839	463	406	90	961	22120	15345	5042	42508
HEMLOCK	9	165	151	326	331	816	3844	4993	695	1736	5290	7722	28	131	281	441	1066	2849	9568	13483
WHITE PINE	1410	3447	16861	21718	923	1470	12738	15132	127	303	1318	1749	528	997	5957	7482	2989	6218	36875	46083
RED PINE	28	143	803	975							34	34		29	70	99	28	173	908	1110
LARCH	1221	1057	367	2645	216	226	309	752	611	838	556	2006	29	33		62	2079	2156	1232	5468
JACK PINE																				
SCOTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	18485	14929	21836	55250	25798	29071	48668	103538	21959	24105	26062	72127	2240	2465	6555	11261	68483	70571	103123	242178
SUGAR MAPLE	14			14	112	190	307	610	532	623	460	1616	32			32	692	814	767	2274
RED MAPLE	3271	5574	5886	14731	7539	10049	12515	30104	4483	4606	3775	12865	1020	1493	832	3346	16315	21723	23009	61048
YELLOW BIRCH	29	72	52	155	352	474	1672	2499	688	1038	900	2627	4			4	1075	1585	2625	5286
WHITE BIRCH	369	492	320	1182	1675	1731	528	3934	1100	603	401	2106	178	255	94	527	3323	3082	1345	7751
OAK	249	636	760	1646	87	357	671	1116	17	17		35	255	532	620	1408	610	1543	2051	4205
ASPEN	23	155	172	351	113	322	1014	1450	368	349	528	1246	31	84	97	213	536	912	1813	3262
GREY BIRCH	73			73	13			13	270	28		298					357	28		386
WHITE ASH	16	21	20	58	50	30		80	318	215	52	586	8	8		17	394	275	73	743
BLACK ASH																				
CHERRY	20			20													20			20
ELM																				
BEECH	149	111	80	342	401	382	553	1337	884	631	295	1810	8	8	20	38	1444	1134	949	3529
BALSAM POPLAR																				
TOTAL HARDWOODS	4218	7063	7294	18576	10346	13538	17263	41148	8664	8114	6413	23193	1540	2384	1665	5590	24770	31100	32637	88508
MISCELLANEOUS					2			2									2			2
TOTAL FOREST LAND	22704	21992	29130	73827	36147	42610	65932	144689	30624	32219	32476	95320	3780	4849	8221	16851	93257	101672	135760	330689

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

COVER TYPE AND DENSITY CLASS	O W N E R S H I P C L A S S																T O T A L			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				MILITARY RESERVES AND PARKS							
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 40(	2703	2322	3804	8830	1619	2042	6335	9997	2724	3056	2671	8452	266	459	1174	1900	7314	7881	13985	29181
41(- 60(	4133	3767	5805	13706	4737	6563	14477	25779	6057	8063	7579	21700	411	567	1854	2833	15339	18962	29718	64020
61(- 80(	1938	2292	4534	8766	7388	9583	11671	28643	3296	5276	7124	15697	120	319	1109	1550	12744	17472	24440	54657
81(-100(	143	415	623	1182	214	538	1760	2512	162	16		178					520	969	2383	3874
OVERSTOCKED									187	510	193	891					187	510	193	891
TOTAL	8919	8798	14768	32486	13959	18728	34244	66933	12429	16923	17569	46921	798	1347	4139	6284	36107	45798	70721	152626
MIXEDWOOD LAND																				
UP TO 40(	2075	3246	4593	9914	1525	3113	5819	10458	1855	2408	2336	6600	440	722	1127	2290	5895	9491	13877	29265
41(- 60(	2125	3317	3077	8519	4663	7763	11290	23716	2375	3552	5276	11205	912	1411	1553	3877	10076	16045	21197	47319
61(- 80(	711	1289	1725	3726	1876	2967	4511	9355	1600	2150	2342	6093	64	64	209	339	4253	6472	8788	19515
81(-100(					119	47	40	208									119	47	40	208
OVERSTOCKED																				
TOTAL	4911	7853	9395	22161	8184	13892	21662	43739	5831	8112	9956	23899	1417	2199	2890	6507	20345	32056	43905	96307
HARDWOOD LAND																				
UP TO 40(	769	965	1404	3138	454	649	1556	2660	336	269	337	942	103	180	234	518	1663	2064	3532	7260
41(- 60(	584	815	1037	2437	1333	1943	2137	5414	726	844	862	2432	45	151	78	275	2689	3754	4115	10559
61(- 80(	144	232	127	504	741	830	856	2427	1394	1286	969	3650	210	200	209	620	2491	2549	2163	7203
81(-100(					116	264	118	500									116	264	118	500
OVERSTOCKED																				
TOTAL	1497	2013	2568	6080	2646	3687	4669	11003	2456	2400	2169	7026	359	532	522	1414	6960	8633	9930	25524
ALL FOREST LAND																				
UP TO 40(	5548	6533	9802	21884	3599	5805	13711	23116	4916	5734	5345	15995	809	1362	2536	4709	14873	19437	31395	65706
41(- 60(	6842	7901	9920	24663	10734	16270	27906	54910	9159	12460	13718	35338	1369	2131	3486	6986	28104	38763	55032	121899
61(- 80(	2794	3815	6386	12997	10006	13381	17039	40427	6291	8713	10436	25442	396	584	1528	2510	19489	26495	35392	81376
81(-100(	143	415	623	1182	451	850	1919	3221	162	16		178					757	1281	2543	4583
OVERSTOCKED									187	510	193	891					187	510	193	891
TOTAL	15329	18665	26733	60728	24790	36307	60577	121676	20717	27436	29694	77847	2575	4078	7552	14206	63413	86488	124557	274458

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - DIGBY

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O W N E R S H I P   C L A S S

COVER TYPE AND AGE CLASS	CROWN LAND 4 - 6 DBH	CROWN LAND 7 - 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 - 6 DBH	LARGE OWNERS 7 - 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL	SMALL OWNERS 4 - 6 DBH	SMALL OWNERS 7 - 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	MILITARY RESERVES AND PARKS 7 - 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL	TOTAL 4 - 6 DBH	TOTAL 7 - 9 DBH	TOTAL 10 + UP DBH	TOTAL TOTAL
SOFTWOOD LAND																				
UP TO 20YRS	16	58	69	144					86	55		141					102	114	69	285
21YRS - 40YRS	902	873	1686	3462	1380	848	770	2998	2315	1834	754	4904					4597	3556	3211	11365
41YRS - 60YRS	4402	4540	5526	14469	4034	4518	5354	13908	5849	8472	6959	21282	285	794	1501	2581	14573	18326	19342	52242
61YRS - 80YRS	2633	2419	3976	9029	7177	11523	21442	40143	3713	5670	7437	16821	498	552	2463	3514	14022	20166	35319	69508
81YRS -100YRS	624	564	2046	3235	732	718	2635	4086	428	878	2417	3724	14		174	188	1799	2160	7275	11234
101YRS OR MORE					194	388	1782	2365	35	12		47					229	400	1783	2413
UNEVENAGED STANDS	341	341	1462	2145	441	732	2257	3430									782	1073	3720	5576
TOTAL	8919	8798	14768	32486	13959	18728	34244	66933	12429	16923	17569	46921	798	1347	4139	6284	36107	45798	70721	152626
MIXEDWOOD LAND																				
UP TO 20YRS	9	26	39	74													9	26	39	74
21YRS - 40YRS	263	301	111	677	652	346	487	1487	847	823	491	2162					1764	1472	1090	4327
41YRS - 60YRS	1108	1747	1599	4454	1985	2887	4182	9054	2615	2757	3073	8445	419	663	1450	2533	6128	8055	10304	24488
61YRS - 80YRS	2545	4401	4422	11370	4597	8578	12244	25420	2000	3678	4527	10206	997	1535	1440	3973	10141	18194	22635	50970
81YRS -100YRS	108	265	408	783	592	1433	2767	4793	303	726	1657	2688					1004	2426	4834	8265
101YRS OR MORE	103	90	481	675	19	46	389	455	64	126	206	397					187	263	1077	1528
UNEVENAGED STANDS	771	1020	2332	4124	337	598	1591	2527									1109	1618	3924	6651
TOTAL	4911	7853	9395	22161	8184	13892	21662	43739	5831	8112	9956	23899	1417	2199	2890	6507	20345	32056	43905	96307
HARDWOOD LAND																				
UP TO 20YRS									2			2					2			2
21YRS - 40YRS	50			50	139	69	133	342	364	238	35	639	4		37	41	558	308	206	1073
41YRS - 60YRS	651	762	414	1828	440	406	592	1439	1392	943	977	3313	210	200	209	620	2695	2312	2193	7202
61YRS - 80YRS	745	1054	1491	3291	1556	2443	2175	6175	606	971	851	2429	144	331	275	752	3053	4801	4793	12648
81YRS -100YRS	49	196	662	909	468	700	1674	2843	90	246	304	641					608	1144	2641	4394
101YRS OR MORE					41	65	94	202									41	65	94	202
UNEVENAGED STANDS																				
TOTAL	1497	2013	2568	6080	2646	3687	4669	11003	2456	2400	2169	7026	359	532	522	1414	6960	8633	9930	25524
ALL FOREST LAND																				
UP TO 20YRS	25	85	108	219					88	55		143					114	140	108	362
21YRS - 40YRS	1216	1175	1798	4190	2171	1265	1391	4828	3527	2896	1281	7705	4		37	41	6920	5337	4508	16766
41YRS - 60YRS	6162	7050	7540	20752	6460	7812	10129	24402	9857	12173	11010	33041	916	1658	3161	5736	23397	28695	31841	83933
61YRS - 80YRS	5924	7876	9890	23691	13331	22546	35861	71739	6320	10320	12816	29457	1640	2419	4179	8240	27217	43162	62748	133128
81YRS -100YRS	782	1026	3118	4928	1792	2852	7078	11723	822	1852	4379	7054	14		174	188	3412	5731	14750	23895
101YRS OR MORE	103	90	481	675	256	500	2267	3024	99	138	206	444					459	729	2955	4144
UNEVENAGED STANDS	1113	1361	3795	6270	778	1330	3848	5957									1891	2691	7644	12227
TOTAL	15329	18665	26733	60728	24790	36307	60577	121676	20717	27436	29694	77847	2575	4078	7552	14206	63413	86488	124557	274458

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E – MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY – DIGBY

O W N E R S H I P   C L A S S

COVER TYPE AND SITE CLASS	CROWN LAND				LARGE OWNERS				SMALL OWNERS				MILITARY RESERVES AND PARKS				TOTAL			
	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
1																				
2	350	866	2893	4110													350	866	2893	4110
3	496	1010	2823	4331	302	145	53	501	2777	4114	4106	10997	155	528	1391	2075	3732	5798	8375	17906
4	6174	5749	8356	20280	12568	18049	33550	64169	9013	12382	13207	34603	643	818	2747	4209	28399	37001	57862	123263
5	1897	1172	694	3763	1088	533	640	2262	639	426	254	1320					3625	2132	1589	7346
6																				
TOTAL	8919	8798	14768	32486	13959	18728	34244	66933	12429	16923	17569	46921	798	1347	4139	6284	36107	45798	70721	152626
MIXEDWOOD LAND																				
1																				
2																				
3					320	232	470	1023	252	365	419	1038					573	598	890	2062
4	4559	7436	9062	21057	7749	13535	20952	42237	5353	7441	9102	21897	1417	2199	2890	6507	19079	30612	42008	91700
5	352	417	333	1103	115	123	238	477	225	305	433	963					693	845	1006	2545
6																				
TOTAL	4911	7853	9395	22161	8184	13892	21662	43739	5831	8112	9956	23899	1417	2199	2890	6507	20345	32056	43905	96307
HARDWOOD LAND																				
1																				
2					134	69	133	337									134	69	133	337
3					63	47	55	165	324	327	200	852					387	375	256	1018
4	1487	2006	2552	6046	2448	3569	4481	10499	2084	2064	1968	6117	359	532	522	1414	6380	8173	9524	24078
5	10	7	16	34					47	8		55					57	15	16	89
6																				
TOTAL	1497	2013	2568	6080	2646	3687	4669	11003	2456	2400	2169	7026	359	532	522	1414	6960	8633	9930	25524
ALL FOREST LAND																				
1																				
2	350	866	2893	4110	134	69	133	337									485	936	3027	4448
3	496	1010	2823	4331	686	425	579	1691	3354	4807	4727	12889	155	528	1391	2075	4692	6772	9521	20986
4	12221	15192	19970	47385	22766	35155	58985	116906	16451	21888	24278	62618	2420	3550	6161	12131	53859	75787	109395	239041
5	2260	1596	1044	4901	1203	656	879	2740	911	739	688	2339					4375	2993	2612	9981
6																				
TOTAL	15329	18665	26733	60728	24790	36307	60577	121676	20717	27436	29694	77847	2575	4078	7552	14206	63413	86488	124557	274458

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E – MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY – DIGBY

O W N E R S H I P   C L A S S

S P E C I E S	CROWN LAND 4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	LARGE OWNERS 4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	SMALL OWNERS 4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	MILITARY RESERVES AND PARKS 4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	TOTAL 4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL
WHITE SPRUCE	19	9	22	51	534	616	848	1999	1879	2898	2326	7104	7			7	2440	3525	3197	9163
SPRUCE-RED + BLACK	7633	5826	2144	15604	8989	16040	26375	51405	7011	11585	13920	32517	787	742	142	1671	24421	34194	42583	101199
FIR	3003	2903	1214	7122	7322	6375	2247	15945	5176	3840	1169	10185	328	356	85	771	15831	13475	4717	34024
HEMLOCK	7	141	140	289	244	700	3533	4478	501	1478	4828	6808	21	112	255	389	774	2433	8757	11965
WHITE PINE	990	2959	15682	19632	641	1266	11877	13785	89	261	1219	1571	371	859	5536	6766	2093	5347	34315	41756
RED PINE	19	123	737	881							32	32		25	64	89	19	149	833	1003
LARCH	809	907	337	2055	146	194	285	626	414	721	511	1648	21	29		50	1392	1852	1135	4380
JACK PINE																				
SCOTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	12484	12873	20279	45637	17879	25192	45168	88240	15072	20785	24009	59867	1537	2125	6084	9746	46973	60978	95541	203493
SUGAR MAPLE	10			10	74	155	276	505	341	510	410	1262	21			21	447	665	686	1800
RED MAPLE	2217	4569	5209	11996	4997	8251	11132	24381	2940	3765	3338	10044	686	1220	729	2636	10841	17807	20410	49059
YELLOW BIRCH	20	58	46	125	235	388	1518	2141	454	853	799	2106	2			2	712	1299	2363	4376
WHITE BIRCH	254	402	279	937	1147	1412	463	3023	729	490	348	1568	123	208	82	414	2255	2514	1173	5943
OAK	175	520	669	1365	60	291	595	947	9	14		24	174	438	549	1162	420	1264	1815	3500
ASPEN	15	131	159	305	79	276	928	1284	247	299	484	1032	19	71	88	180	361	780	1661	2803
GREY BIRCH	37			37	8			8	160	23		184					206	23		230
WHITE ASH	10	17	17	45	32	24		56	211	175	46	432	5	7		12	259	223	64	547
BLACK ASH																				
CHERRY	13			13													13			13
ELM																				
BEECH	91	91	70	253	275	314	493	1083	549	516	258	1324	4	7	17	29	919	930	840	2690
BALSAM POPLAR																				
TOTAL HARDWOODS	2845	5791	6453	15090	6910	11115	15408	33434	5644	6650	5684	17980	1038	1952	1468	4459	16438	25510	29015	70964
MISCELLANEOUS					1			1									1			1
TOTAL FOREST LAND	15329	18665	26733	60728	24790	36307	60577	121676	20717	27436	29694	77847	2575	4078	7552	14206	63413	86488	124557	274458

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - YARMOUTH

COVER TYPE AND DENSITY CLASS	O W N E R S H I P C L A S S																			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				MILITARY RESERVES AND PARKS				T O T A L			
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 40(	148	297	115	560	499	615	888	2003	3770	4086	3349	11206					4417	4999	4353	13771
41(- 60(	58	78	40	178	857	789	131	1779	3454	3492	3111	10057					4371	4360	3283	12015
61(- 80(					188	327	348	864	3922	4991	4305	13219					4111	5318	4654	14084
81(-100(									182	25	23	231					182	25	23	231
OVERSTOCKED																				
TOTAL	207	376	155	739	1545	1733	1368	4647	11329	12595	10790	34715					13082	14705	12314	40102
MIXEDWOOD LAND																				
UP TO 40(	141	373	179	694	174	161	219	554	1950	1866	1968	5785					2266	2402	2366	7035
41(- 60(					457	634	1112	2204	5549	6251	7564	19366					6007	6886	8676	21570
61(- 80(					1847	1637	2005	5489	3387	2696	2860	8943					5235	4333	4865	14433
81(-100(																				
OVERSTOCKED																				
TOTAL	141	373	179	694	2479	2433	3336	8249	10888	10814	12392	34095					13509	13621	15908	43039
HARDWOOD LAND																				
UP TO 40(					180	227	177	585	307	209	223	740					487	436	401	1325
41(- 60(	150	259	254	663	663	718	804	2186	1083	1352	3203	5639					1897	2329	4262	8489
61(- 80(	126	216	990	1333					3620	2655	3182	9458					3747	2872	4172	10791
81(-100(																				
OVERSTOCKED																				
TOTAL	276	475	1245	1997	843	945	982	2771	5012	4216	6608	15837					6132	5638	8836	20607
ALL FOREST LAND																				
UP TO 40(	289	671	294	1255	853	1004	1286	3144	6028	6162	5540	17732					7172	7838	7121	22132
41(- 60(	209	337	295	842	1978	2143	2048	6170	10088	11095	13878	35063					12276	13576	16223	42075
61(- 80(	126	216	990	1333	2035	1964	2353	6354	10930	10343	10348	31622					13093	12524	13691	39309
81(-100(									182	25	23	231					182	25	23	231
OVERSTOCKED																				
TOTAL	625	1225	1580	3431	4868	5112	5688	15668	27230	27627	29791	84649					32723	33965	37059	103749

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GRCSSCUBIC FT. VOLUMES CN FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES MUNICIPALITY - YARMOUTH

COVER TYPE AND AGE CLASS	OWNERSHIP CLASS: CROWN LAND 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	LARGE OWNERS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	SMALL OWNERS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	TOTAL 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 20YRS									24	17		41					24	17		41
21YRS - 40YRS	15	26		42	77	55		133	1078	538	373	1990					1171	620	373	2165
41YRS - 60YRS	43	51	40	136	719	735	168	1623	6740	6882	5190	18814					7504	7670	5399	20573
61YRS - 80YRS	110	233	98	442	689	897	737	2325	3486	5157	5225	13868					4286	6289	6061	16637
81YRS -100YRS					58	44	462	565									58	44	462	565
101YRS OR MORE	37	63	17	118													37	63	17	118
UNEVENAGED STANDS																				
TOTAL	207	376	155	739	1545	1733	1368	4647	11329	12595	10790	34715					13082	14705	12314	40102
MIXEDWOOD LAND																				
UP TO 20YRS									79	59	69	208					79	59	69	208
21YRS - 40YRS					32			32	1365	563	344	2273					1397	563	344	2305
41YRS - 60YRS					1234	837	994	3066	7235	7318	7939	22494					8470	8156	8934	25560
61YRS - 80YRS	91	268	179	539	1138	1534	2199	4872	1921	2520	3752	8193					3151	4323	6130	13606
81YRS -100YRS	49	104		154	73	60	142	277	177	218	154	549					300	384	296	981
101YRS OR MORE									109	134	132	376					109	134	132	376
UNEVENAGED STANDS																				
TOTAL	141	373	179	694	2479	2433	3336	8249	10888	10814	12392	34095					13509	13621	15908	43039
HARDWOOD LAND																				
UP TO 20YRS					3	16	170	191	4			4					8	16	170	196
21YRS - 40YRS									731	407	325	1464					731	407	325	1464
41YRS - 60YRS					663	718	634	2015	3586	2847	4590	11024					4249	3565	5224	13040
61YRS - 80YRS	41	98	187	327	176	210	177	564	463	512	850	1826					681	822	1215	2718
81YRS -100YRS	194	298	632	1125					185	320	778	1284					380	618	1410	2409
101YRS OR MORE	40	78	425	544					40	128	63	232					80	206	489	777
UNEVENAGED STANDS																				
TOTAL	276	475	1245	1997	843	945	982	2771	5012	4216	6608	15837					6132	5638	8836	20607
ALL FOREST LAND																				
UP TO 20YRS					3	16	170	191	108	76	69	254					112	93	240	446
21YRS - 40YRS	15	26		42	109	55		165	3175	1509	1043	5729					3300	1591	1043	5936
41YRS - 60YRS	43	51	40	136	2617	2291	1797	6705	17563	17049	17721	52333					20224	19392	19558	59175
61YRS - 80YRS	243	601	464	1310	2004	2643	3115	7763	5870	8190	9827	23888					8119	11435	13407	32962
81YRS -100YRS	243	403	632	1279	132	105	605	843	363	538	933	1834					739	1047	2170	3957
101YRS OR MORE	78	141	442	662					149	263	195	608					228	404	638	1271
UNEVENAGED STANDS																				
TOTAL	625	1225	1580	3431	4868	5112	5688	15668	27230	27627	29791	84649					32723	33965	37059	103749

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES CN FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES MUNICIPALITY - YARMOUTH

COVER TYPE AND SITE CLASS	CROWN LAND 4 - 6 DBH	CROWN LAND 7 - 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 - 6 DBH	LARGE OWNERS 7 - 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL	SMALL OWNERS 4 - 6 DBH	SMALL OWNERS 7 - 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	MILITARY RESERVES AND PARKS 7 - 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL	TOTAL 4 - 6 DBH	TOTAL 7 - 9 DBH	TOTAL 10 + UP DBH	TOTAL TOTAL
SOFTWOOD LAND																				
1																				
2																				
3					12	32		44	899	1186	2019	4105					911	1219	2019	4150
4	169	312	138	620	1468	1550	1111	4129	9869	10709	8456	29035					11507	12572	9706	33786
5	37	63	17	118	65	150	257	473	560	699	314	1574					663	913	588	2165
6																				
TOTAL	207	376	155	739	1545	1733	1368	4647	11329	12595	10790	34715					13082	14705	12314	40102
MIXEDWOOD LAND																				
1																				
2																				
3					539	275	265	1080	1170	1218	1234	3624					1710	1494	1500	4705
4	91	268	179	539	1765	1968	2752	6486	9040	8909	10490	28440					10897	11146	13422	35466
5	49	104		154	173	189	318	681	676	686	667	2030					900	981	985	2867
6																				
TOTAL	141	373	179	694	2479	2433	3336	8249	10888	10814	12392	34095					13509	13621	15908	43039
HARDWOOD LAND																				
1									93	91	200	385					93	91	200	385
2					447	481	612	1540									447	481	612	1540
3					216	236	21	474	1953	1479	1781	5214					2169	1716	1803	5689
4	276	475	1245	1997	180	227	348	755	2924	2517	4562	10005					3381	3220	6156	12758
5									40	128	63	232					40	128	63	232
6																				
TOTAL	276	475	1245	1997	843	945	982	2771	5012	4216	6608	15837					6132	5638	8836	20607
ALL FOREST LAND																				
1									93	91	200	385					93	91	200	385
2					447	481	612	1540									447	481	612	1540
3					768	545	287	1600	4024	3884	5035	12944					4792	4430	5322	14545
4	537	1057	1563	3158	3414	3746	4211	11371	21834	22136	23510	67481					25786	26940	29285	82011
5	87	168	17	272	238	339	576	1155	1278	1514	1044	3837					1604	2023	1638	5265
6																				
TOTAL	625	1225	1580	3431	4868	5112	5688	15668	27230	27627	29791	84649					32723	33965	37059	103749

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - YARMOUTH

O W N E R S H I P   C L A S S

S P E C I E S	C R O W N L A N D 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	L A R G E O W N E R S 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	S M A L L O W N E R S 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	T O T A L 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
WHITE SPRUCE					70	153	370	594	719	1060	2603	4383					790	1214	2973	4977
SPRUCE-RED + BLACK	204	297	187	690	1411	1861	1786	5059	9601	12695	13103	35401					11218	14854	15078	41151
FIR	123	57	38	218	1150	845	442	2438	5042	3844	1448	10335					6316	4747	1928	12992
HEMLOCK									172	571	1164	1909					172	571	1164	1909
WHITE PINE	6			6	8	43	661	714	81	111	568	761					97	155	1229	1482
RED PINE																				
LARCH	49	130	85	265	59	44		104	769	699	588	2057					878	875	673	2427
JACK PINE																				
SCOTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	384	485	311	1180	2701	2949	3260	8911	16388	18983	19476	54849					19474	22418	23048	64941
SUGAR MAPLE					263	256	218	737	549	560	1261	2371					813	816	1479	3109
RED MAPLE	173	524	564	1261	1152	1170	1147	3470	6003	4584	4381	14970					7328	6279	6093	19701
YELLOW BIRCH	8	19	112	140	52	63	483	600	628	568	1695	2892					689	651	2291	3632
WHITE BIRCH	27	112	134	273	399	262	144	806	1429	847	382	2659					1856	1222	661	3740
OAK	32	51	262	346					118	105	197	422					151	156	460	768
ASPEN		32	194	227	42	131	92	267	422	403	169	996					465	567	457	1491
GREY BIRCH					2			2	52			52					54			54
WHITE ASH					19	8	54	82	96	182	164	443					115	191	219	526
BLACK ASH																				
CHERRY									15	8		24					15	8		24
ELM																				
BEECH					234	270	286	790	1525	1381	2060	4968					1759	1652	2347	5759
BALSAM POPLAR																				
TOTAL HARDWOODS	241	740	1268	2250	2166	2162	2427	6757	10841	8643	10315	29800					13249	11547	14011	38808
MISCELLANEOUS																				
TOTAL FOREST LAND	625	1225	1580	3431	4868	5112	5688	15668	27230	27627	29791	84649					32723	33965	37060	103749

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - YARMOUTH

O W N E R S H I P   C L A S S

COVER TYPE AND DENSITY CLASS	CROWN LAND 4 - 6 DBH	CROWN LAND 7 - 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 - 6 DBH	LARGE OWNERS 7 - 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL	SMALL OWNERS 4 - 6 DBH	SMALL OWNERS 7 - 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	MILITARY RESERVES AND PARKS 7 - 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL	TOTAL 4 - 6 DBH	TOTAL 7 - 9 DBH	TOTAL 10 + UP DBH	TOTAL TOTAL
SOFTWOOD LAND																				
UP TO 40(	100	254	103	458	335	527	817	1680	2553	3498	3075	9131					2989	4279	4000	11269
41(- 60(	41	65	36	144	573	669	119	1362	2349	3016	2868	8234					2964	3751	3024	9740
61(- 80(					134	284	323	742	2640	4293	3946	10880					2774	4578	4269	11622
81(-100(									119	22	21	163					119	22	21	163
OVERSTOCKED																				
TOTAL	141	319	140	602	1042	1481	1260	3784	7662	10829	9916	28408					8847	12631	11316	32795
MIXEDWOOD LAND																				
UP TO 40(	100	314	161	575	122	137	200	460	1307	1576	1790	4673					1530	2028	2151	5710
41(- 60(					313	536	1014	1864	3773	5313	6909	15996					4087	5849	7924	17861
61(- 80(					1256	1387	1824	4468	2277	2274	2611	7163					3533	3662	4435	11632
81(-100(																				
OVERSTOCKED																				
TOTAL	100	314	161	575	1693	2062	3039	6794	7358	9164	11311	27834					9152	11540	14511	35204
HARDWOOD LAND																				
UP TO 40(					122	191	161	475	198	173	204	575					320	364	365	1050
41(- 60(	109	214	232	557	458	589	737	1786	710	1118	2899	4728					1278	1923	3870	7071
61(- 80(	86	176	885	1148					2401	2190	2873	7464					2487	2367	3758	8612
81(-100(																				
OVERSTOCKED																				
TOTAL	196	391	1118	1705	581	781	898	2261	3309	3482	5977	12768					4087	4654	7993	16735
ALL FOREST LAND																				
UP TO 40(	200	568	264	1033	580	856	1179	2616	4059	5247	5073	14380					4840	6672	6517	18031
41(- 60(	150	280	269	701	1346	1795	1871	5012	6833	9448	12678	28959					8330	11524	14819	34673
61(- 80(	86	176	885	1148	1391	1672	2147	5211	7318	8758	9431	25508					8796	10607	12463	31867
81(-100(									119	22	21	163					119	22	21	163
OVERSTOCKED																				
TOTAL	438	1025	1419	2883	3317	4325	5198	12840	18330	23476	27204	69011					22086	28827	33822	84736

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES　　MUNICIPALITY - YARMOUTH

O W N E R S H I P　C L A S S

COVER TYPE AND AGE CLASS	CROWN LAND 4 - 6 DBH	CROWN LAND 7 - 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 - 6 DBH	LARGE OWNERS 7 - 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL	SMALL OWNERS 4 - 6 DBH	SMALL OWNERS 7 - 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	MILITARY RESERVES AND PARKS 7 - 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL	TOTAL 4 - 6 DBH	TOTAL 7 - 9 DBH	TOTAL 10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 20YRS									16	14		30					16	14		30
21YRS - 40YRS	10	22		32	53	48		102	708	461	340	1510					772	532	340	1645
41YRS - 60YRS	30	43	36	111	479	626	154	1260	4558	5923	4777	15260					5068	6594	4969	16631
61YRS - 80YRS	75	200	87	363	469	769	675	1913	2379	4429	4798	11607					2924	5399	5561	13885
81YRS -100YRS					40	37	430	508									40	37	430	508
101YRS OR MORE	25	53	15	94													25	53	15	94
UNEVENAGED STANDS																				
TOTAL	141	319	140	602	1042	1481	1260	3784	7662	10829	9916	28408					8847	12631	11316	32795
MIXEDWOOD LAND																				
UP TO 20YRS									55	49	63	168					55	49	63	168
21YRS - 40YRS					22			22	888	478	313	1680					910	478	313	1703
41YRS - 60YRS					838	718	903	2460	4879	6205	7254	18340					5718	6924	8157	20800
61YRS - 80YRS	64	228	161	454	784	1292	2010	4087	1337	2133	3423	6894					2186	3655	5594	11436
81YRS -100YRS	35	85		121	47	50	125	224	122	183	136	443					206	320	262	789
101YRS OR MORE									74	114	118	307					74	114	118	307
UNEVENAGED STANDS																				
TOTAL	100	314	161	575	1693	2062	3039	6794	7358	9164	11311	27834					9152	11540	14511	35204
HARDWOOD LAND																				
UP TO 20YRS					1	13	163	179	3			3					5	13	163	182
21YRS - 40YRS									470	336	290	1097					470	336	290	1097
41YRS - 60YRS					458	589	573	1622	2364	2348	4158	8871					2823	2938	4731	10493
61YRS - 80YRS	27	80	164	273	120	177	161	460	316	423	769	1510					465	682	1095	2243
81YRS -100YRS	139	246	577	963					124	266	703	1094					264	513	1280	2058
101YRS OR MORE	28	63	376	468					27	107	55	190					56	171	431	659
UNEVENAGED STANDS																				
TOTAL	196	391	1118	1705	581	781	898	2261	3309	3482	5977	12768					4087	4654	7993	16735
ALL FOREST LAND																				
UP TO 20YRS					1	13	163	179	75	63	63	202					77	77	227	381
21YRS - 40YRS	10	22		32	76	48		124	2067	1276	944	4288					2154	1346	944	4446
41YRS - 60YRS	30	43	36	111	1776	1935	1630	5342	11803	14477	16190	42471					13610	16456	17858	47925
61YRS - 80YRS	167	510	413	1091	1374	2240	2847	6461	4034	6986	8990	20011					5576	9737	12251	27565
81YRS -100YRS	175	332	577	1084	88	87	556	732	247	450	840	1537					510	870	1973	3355
101YRS OR MORE	54	117	391	562					102	221	174	498					157	338	566	1061
UNEVENAGED STANDS																				
TOTAL	438	1025	1419	2883	3317	4325	5198	12840	18330	23476	27204	69011					22086	28827	33822	84736

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E – MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY – YARMOUTH

COVER TYPE AND SITE CLASS	O W N E R S H I P C L A S S																TOTAL			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				MILITARY RESERVES AND PARKS							
	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
1																				
2																				
3					6	28		35	614	1028	1861	3504					620	1057	1861	3539
4	116	266	124	507	993	1323	1027	3345	6674	9207	7771	23653					7784	10797	8923	27506
5	25	53	15	94	42	129	232	404	373	593	283	1250					441	775	531	1749
6																				
TOTAL	141	319	140	602	1042	1481	1260	3784	7662	10829	9916	28408					8847	12631	11316	32795
MIXEDWOOD LAND																				
1																				
2																				
3					356	234	243	834	789	1024	1127	2941					1145	1259	1371	3776
4	64	228	161	454	1219	1666	2508	5393	6100	7560	9583	23244					7384	9455	12253	29092
5	35	85		121	117	161	288	566	468	579	599	1647					621	826	887	2335
6																				
TOTAL	100	314	161	575	1693	2062	3039	6794	7358	9164	11311	27834					9152	11540	14511	35204
HARDWOOD LAND																				
1									63	75	179	317					63	75	179	317
2					313	390	554	1257									313	390	554	1257
3					145	199	19	364	1304	1220	1609	4134					1453	1419	1628	4498
4	196	391	1118	1705	122	191	325	639	1913	2079	4133	8125					2232	2661	5576	10470
5									27	107	55	190					27	107	55	190
6																				
TOTAL	196	391	1118	1705	581	781	898	2261	3309	3482	5977	12768					4087	4654	7993	16735
ALL FOREST LAND																				
1									63	75	179	317					63	75	179	317
2					313	390	554	1257									313	390	554	1257
3					508	463	262	1234	2708	3273	4598	10580					3217	3736	4861	11814
4	377	886	1403	2667	2336	3181	3860	9378	14688	18846	21488	55023					17401	22914	26753	67070
5	61	138	15	215	159	290	520	970	870	1280	938	3089					1091	1709	1474	4275
6																				
TOTAL	438	1025	1419	2883	3317	4325	5198	12840	18330	23476	27204	69011					22086	28827	33822	84736

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

	O W N E R S H I P C L A S S																			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				MILITARY RESERVES AND PARKS				T O T A L			
S P E C I E S	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
WHITE SPRUCE					46	133	337	517	482	906	2381	3771					529	1040	2719	4289
SPRUCE-RED + BLACK	142	255	175	573	949	1601	1657	4208	6450	10942	12124	29517					7542	12799	13957	34299
FIR	89	50	35	175	827	743	416	1988	3607	3380	1356	8344					4525	4174	1808	10508
HEMLOCK									127	488	1056	1672					127	488	1056	1672
WHITE PINE	4			4	6	37	620	664	56	95	528	679					67	132	1148	1348
RED PINE																				
LARCH	32	114	78	224	39	38		77	521	596	545	1663					593	749	623	1966
JACK PINE																				
SCOTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	269	419	289	979	1869	2554	3031	7456	11246	16410	17992	45650					13386	19384	21314	54085
SUGAR MAPLE					184	206	200	591	365	459	1150	1975					550	666	1350	2566
RED MAPLE	121	427	496	1044	763	957	1013	2735	3895	3747	3887	11530					4780	5132	5396	15309
YELLOW BIRCH	3	16	100	120	33	51	441	526	428	463	1529	2421					465	531	2071	3068
WHITE BIRCH	19	91	118	229	259	215	126	601	914	687	336	1938					1194	994	581	2770
OAK	23	41	232	297					78	87	181	347					101	128	414	644
ASPEN		29	181	211	29	114	82	226	280	337	151	769					309	481	415	1206
GREY BIRCH									34			34					35			35
WHITE ASH					13	6	48	68	63	149	146	360					76	156	194	428
BLACK ASH																				
CHERRY									8	6		15					8	6		15
ELM																				
BEECH					162	217	253	634	1014	1125	1829	3969					1177	1343	2083	4604
BALSAM POPLAR																				
TOTAL HARDWOODS	168	605	1129	1904	1447	1770	2166	5384	7083	7065	9212	23361					8700	9442	12508	30650
MISCELLANEOUS																				
TOTAL FOREST LAND	438	1025	1419	2883	3317	4325	5198	12840	18330	23476	27204	69011					22086	28827	33822	84736

ALL FIGURES ARE IN THOUSANDS CU.FT.

ESTIMATE - GROSS CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - ARGYLE

	OWNERSHIP CLASS																			
	CROWN LAND				LARGE OWNERS				SMALL OWNERS				MILITARY RESERVES AND PARKS				TOTAL			
COVER TYPE AND DENSITY CLASS	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 40(	4799	2986	1865	9651	512	404	304	1220	2345	1801	2380	6526					7656	5192	4550	17399
41(- 60(	6191	4526	2933	13651	1260	1220	802	3282	572	324	185	1081					8023	6071	3920	18015
61(- 80(	2737	2124	1142	6004	1306	2465	6944	10717	2065	1818	810	4694					6109	6408	8898	21416
81(-100(	37	8		45	45	32	49	127									82	40	49	172
OVERSTOCKED																				
TOTAL	13765	9645	5941	29352	3124	4122	8100	15347	4982	3943	3376	12303					21872	17712	17418	57004
MIXEDWOOD LAND																				
UP TO 40(	5346	4557	3987	13890	623	872	1361	2857	1856	1790	1013	4660					7826	7220	6361	21409
41(- 60(	5993	7131	8181	21306	1520	2309	4277	8107	3292	2850	2111	8253					10807	12290	14569	37667
61(- 80(	875	1184	1792	3852	1798	2182	3286	7267	3458	2787	2244	8491					6132	6155	7323	19611
81(-100(																				
OVERSTOCKED																				
TOTAL	12215	12873	13961	39050	3942	5364	8924	18231	8608	7429	5369	21406					24766	25667	28255	78688
HARDWOOD LAND																				
UP TO 40(	1472	1442	1337	4252	16	17	111	144	22	9		32					1511	1469	1448	4429
41(- 60(	2114	1782	1821	5718	620	293	720	1633	947	576	498	2022					3682	2652	3040	9375
61(- 80(	1946	2860	2703	7510	203	397	401	1003	2034	2319	2144	6498					4184	5577	5250	15012
81(-100(																				
OVERSTOCKED																				
TOTAL	5533	6085	5863	17482	840	708	1233	2781	3004	2905	2643	8553					9378	9698	9740	28817
ALL FOREST LAND																				
UP TO 40(	11618	8985	7191	27795	1151	1294	1776	4222	4224	3601	3393	11219					16994	13882	12361	43237
41(- 60(	14299	13441	12936	40676	3401	3822	5799	13024	4812	3750	2795	11358					22513	21014	21530	65058
61(- 80(	5559	6169	5638	17367	3308	5045	10632	18987	7558	6925	5200	19685					16426	18141	21472	56040
81(-100(	37	8		45	45	32	49	127									82	40	49	172
OVERSTOCKED																				
TOTAL	31513	28604	25766	85884	7907	10195	18258	36361	16595	14278	11389	42263					56017	53078	55414	164510

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - ARGYLE

COVER TYPE AND AGE CLASS	O W N E R S H I P C L A S S: C R O W N L A N D 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	L A R G E O W N E R S 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	S M A L L O W N E R S 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	T O T A L 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 20YRS	36	10		46					7			7					43	10		53
21YRS - 40YRS	753	261	19	1034	45	32	49	127	1014	549	560	2124					1813	843	628	3285
41YRS - 60YRS	7853	5268	3775	16897	600	677	257	1535	2285	1887	1367	5540					10739	7832	5400	23972
61YRS - 80YRS	4943	4064	2092	11100	622	797	711	2131	1573	1506	1449	4529					7138	6369	4253	17761
81YRS -100YRS	175	40	54	270	1377	2183	5366	8927	101			101					1655	2223	5421	9300
101YRS OR MORE	3			3	478	432	1714	2625									482	432	1714	2629
UNEVENAGED STANDS																				
TOTAL	13765	9645	5941	29352	3124	4122	8100	15347	4982	3943	3376	12303					21872	17712	17418	57004
MIXEDWOOD LAND																				
UP TO 20YRS	169	63	22	254					3			3					173	63	22	258
21YRS - 40YRS	1022	486	362	1871	97	61		158	1016	623	371	2011					2136	1171	733	4042
41YRS - 60YRS	2129	1749	1964	5843	457	671	904	2032	4667	4178	3312	12158					7253	6599	6180	20034
61YRS - 80YRS	7196	8500	7377	23074	2770	3064	4445	10280	2651	2327	1589	6567					12618	13892	13412	39923
81YRS -100YRS	1360	1841	4004	7205	145	550	766	1461	135	203	96	435					1640	2594	4867	9103
101YRS OR MORE	336	232	230	799	472	1016	2807	4297									808	1249	3038	5096
UNEVENAGED STANDS									134	95		230					134	95		230
TOTAL	12215	12873	13961	39050	3942	5364	8924	18231	8608	7429	5369	21406					24766	25667	28255	78688
HARDWOOD LAND																				
UP TO 20YRS	35	34		69					88	18	131	237					123	52	131	307
21YRS - 40YRS	402	195	236	834	19			19	478	322	129	930					899	518	366	1784
41YRS - 60YRS	2780	2573	1530	6885	557	160	305	1023	1605	987	780	3372					4943	3721	2617	11281
61YRS - 80YRS	1358	1555	2187	5102	264	547	927	1739	511	1014	1098	2623					2133	3117	4213	9465
81YRS -100YRS	956	1726	1907	4590					321	563	503	1388					1278	2289	2411	5979
101YRS OR MORE																				
UNEVENAGED STANDS																				
TOTAL	5533	6085	5863	17482	840	708	1233	2781	3004	2905	2643	8553					9378	9698	9740	28817
ALL FOREST LAND																				
UP TO 20YRS	241	107	22	370					98	18	131	248					340	125	153	619
21YRS - 40YRS	2178	943	618	3740	161	93	49	305	2509	1496	1060	5066					4849	2533	1728	9111
41YRS - 60YRS	12763	9592	7270	29625	1614	1509	1467	4591	8558	7052	5460	21071					22936	18154	14198	55289
61YRS - 80YRS	13498	14120	11658	39277	3656	4410	6085	14151	4735	4848	4136	13720					21890	23379	21880	67150
81YRS -100YRS	2492	3607	5966	12066	1523	2733	6133	10389	558	766	600	1925					4574	7107	12700	24382
101YRS OR MORE	340	232	230	803	951	1448	4522	6922									1291	1681	4753	7726
UNEVENAGED STANDS									134	95		230					134	95		230
TOTAL	31513	28604	29766	85884	7907	10195	18258	36361	16595	14278	11389	42263					56017	53078	55414	164510

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E – GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY – ARGYLE

O W N E R S H I P   C L A S S

COVER TYPE AND SITE CLASS	CROWN LAND				LARGE OWNERS				SMALL OWNERS				MILITARY RESERVES AND PARKS				TOTAL			
	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
1																				
2																				
3	148	67		215					609	781	1031	2422					757	849	1031	2638
4	11630	9002	5716	26350	2513	3732	7941	14187	3088	2635	2296	8020					17233	15370	15954	48558
5	1986	575	224	2786	610	390	158	1160	1284	526	48	1859					3881	1491	432	5806
6																				
TOTAL	13765	9645	5941	29352	3124	4122	8100	15347	4982	3943	3376	12303					21872	17712	17418	57004
MIXEDWOOD LAND																				
1																				
2																				
3	100	37	22	160					205	400	108	714					306	437	131	874
4	10301	11380	12827	34509	3942	5364	8924	18231	7305	5863	4643	17812					21549	22608	26395	70554
5	1813	1455	1111	4380					1097	1165	616	2879					2910	2620	1728	7259
6																				
TOTAL	12215	12873	13961	39050	3942	5364	8924	18231	8608	7429	5369	21406					24766	25667	28255	78688
HARDWOOD LAND																				
1																				
2																				
3	667	573	403	1644					198	161	298	658					866	734	702	2303
4	4748	5492	5459	15700	840	708	1233	2781	2806	2744	2344	7895					8395	8945	9037	26378
5	116	19		136													116	19		136
6																				
TOTAL	5533	6085	5863	17482	840	708	1233	2781	3004	2905	2643	8553					9378	9698	9740	28817
ALL FOREST LAND																				
1																				
2																				
3	916	678	425	2021					1013	1343	1439	3795					1929	2022	1865	5817
4	26680	25876	24004	76560	7296	9805	18099	35201	13200	11243	9284	33728					47177	46925	51387	145490
5	3916	2049	1336	7302	610	390	158	1160	2381	1691	665	4738					6909	4131	2161	13201
6																				
TOTAL	31513	28604	25766	85884	7907	10195	18258	36361	16595	14278	11389	42263					56017	53078	55414	164510

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS — MUNICIPALITY - ARGYLE

O W N E R S H I P C L A S S

SPECIES	CROWN LAND				LARGE OWNERS				SMALL OWNERS				MILITARY RESERVES AND PARKS				TOTAL			
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
WHITE SPRUCE	286	362	703	1351	344	395	444	1183	907	1665	1949	4522					1538	2423	3097	7058
SPRUCE-RED + BLACK	11586	7814	3926	23327	2408	3251	5633	11294	5018	4991	3248	13258					19013	16057	12808	47880
FIR	6205	5460	2817	14484	1353	1147	412	2913	3171	2187	965	6324					10730	8795	4195	23721
HEMLOCK		18	85	104	457	818	3890	5165	6	41	218	265					463	877	4194	5535
WHITE PINE	380	596	5515	6492	149	253	2250	2652	49	81	286	416					578	931	8051	9561
RED PINE		31	74	105														31	74	105
LARCH	2522	2113	1200	5836	178	312	184	675	718	575	222	1515					3419	3001	1607	8027
JACK PINE																				
SCOTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	20981	16397	14324	51702	4891	6178	12815	23885	9871	9541	6890	26304					35744	32117	34029	101851
SUGAR MAPLE	30	52	27	110	37	9	118	165	228	81	87	397					295	143	233	673
RED MAPLE	7543	7896	6567	22007	1987	2330	3037	7355	3611	2444	2077	8133					13141	12672	11682	37496
YELLOW BIRCH	59	146	626	832	92	79	622	794	454	305	766	1527					606	531	2015	3154
WHITE BIRCH	979	1294	506	2780	366	417	72	856	727	184	119	1032					2073	1896	698	4669
OAK	1037	1811	3217	6066	469	940	418	1828	497	557	478	1533					2004	3308	4115	9428
ASPEN	246	546	423	1216	17	135	1012	1166	139	309	105	554					404	991	1541	2937
GREY BIRCH	74	12		87	2			2	38			38					115	12		128
WHITE ASH	2	35		37	24	81	117	223	4	9		13					30	126	117	275
BLACK ASH					4	22	22	48									4	22	22	48
CHERRY	14	35		50													14	35		50
ELM																				
BEECH	544	375	72	991	13		22	35	1021	842	863	2728					1580	1218	957	3756
BALSAM POPLAR																				
TOTAL HARDWOODS	10532	12207	11442	34182	3016	4016	5443	12476	6724	4736	4499	15959					20272	20960	21384	62618
MISCELLANEOUS																				
TOTAL FOREST LAND	31513	28604	25766	85884	7907	10195	18258	36361	16595	14278	11389	42263					56017	53078	55414	164510

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E – MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY – ARGYLE

O W N E R S H I P   C L A S S

COVER TYPE AND DENSITY CLASS	CROWN LAND 4 – 6 DBH	CROWN LAND 7 – 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 – 6 DBH	LARGE OWNERS 7 – 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL	SMALL OWNERS 4 – 6 DBH	SMALL OWNERS 7 – 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL
SOFTWOOD LAND												
UP TO 40(	3194	2550	1724	7469	352	346	279	978	1549	1548	2188	5285
41(– 60(	4118	3898	2682	10699	864	1044	732	2641	374	279	170	824
61(– 80(	1843	1824	1053	4721	920	2113	6440	9475	1381	1563	740	3684
81(–100(	23	6		30	29	25	44	100				
OVERSTOCKED												
TOTAL	9181	8279	5459	22920	2167	3530	7497	13194	3304	3391	3098	9795
MIXEDWOOD LAND												
UP TO 40(	3583	3844	3632	11061	426	737	1247	2410	1284	1522	917	3724
41(– 60(	4106	6035	7487	17629	1043	1958	3896	6899	2224	2415	1941	6581
61(– 80(	598	1001	1638	3238	1246	1836	3010	6093	2317	2372	2049	6739
81(–100(												
OVERSTOCKED												
TOTAL	8289	10881	12758	31929	2716	4533	8154	15403	5826	6310	4908	17044
HARDWOOD LAND												
UP TO 40(	971	1198	1209	3379	11	14	98	125	14	7		22
41(– 60(	1395	1471	1636	4503	408	238	656	1302	585	480	445	1511
61(– 80(	1341	2367	2387	6095	143	328	369	841	1351	1925	1913	5189
81(–100(												
OVERSTOCKED												
TOTAL	3708	5037	5232	13978	563	582	1124	2270	1951	2413	2358	6723
ALL FOREST LAND												
UP TO 40(	7750	7593	6565	21909	789	1098	1625	3514	2848	3078	3105	9032
41(– 60(	9621	11404	11806	32831	2316	3241	5285	10843	3183	3176	2557	8917
61(– 80(	3783	5193	5078	14055	2310	4279	9820	16410	5049	5861	4702	15613
81(–100(	23	6		30	29	25	44	100				
OVERSTOCKED												
TOTAL	21179	24197	23450	68828	5446	8645	16776	30868	11082	12115	10365	33563

COVER TYPE AND DENSITY CLASS	MILITARY RESERVES AND PARKS 4 – 6 DBH	MILITARY RESERVES AND PARKS 7 – 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL	TOTAL 4 – 6 DBH	TOTAL 7 – 9 DBH	TOTAL 10 + UP DBH	TOTAL TOTAL
SOFTWOOD LAND								
UP TO 40(					5096	4445	4191	13733
41(– 60(					5357	5222	3585	14164
61(– 80(					4146	5501	8234	17881
81(–100(					53	32	44	130
OVERSTOCKED								
TOTAL					14653	15201	16055	45910
MIXEDWOOD LAND								
UP TO 40(					5294	6104	5797	17196
41(– 60(					7374	10409	13325	31109
61(– 80(					4162	5210	6698	16071
81(–100(								
OVERSTOCKED								
TOTAL					16831	21725	25821	64377
HARDWOOD LAND								
UP TO 40(					998	1220	1307	3526
41(– 60(					2388	2191	2737	7317
61(– 80(					2836	4621	4669	12127
81(–100(								
OVERSTOCKED								
TOTAL					6223	8032	8715	22971
ALL FOREST LAND								
UP TO 40(					11389	11770	11296	34456
41(– 60(					15121	17822	19648	52592
61(– 80(					11144	15334	19602	46080
81(–100(					53	32	44	130
OVERSTOCKED								
TOTAL					37708	44959	50592	133260

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - ARGYLE

COVER TYPE AND AGE CLASS	O W N E R S H I P C L A S S: CROWN LAND 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	LARGE OWNERS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	SMALL OWNERS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	TOTAL 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 20YRS	25	8		33					3			3					28	8		37
21YRS - 40YRS	490	225	17	733	29	25	44	100	662	469	511	1643					1182	721	573	2477
41YRS - 60YRS	5231	4527	3451	13210	415	583	231	1229	1519	1622	1249	4391					7166	6733	4931	18831
61YRS - 80YRS	3316	3483	1940	8741	432	683	651	1768	1053	1299	1337	3690					4802	5467	3929	14199
81YRS -100YRS	115	33	50	199	965	1867	4983	7816	66			66					1147	1901	5034	8083
101YRS OR MORE	2			2	324	370	1585	2280									326	370	1585	2282
UNEVENAGED STANDS																				
TOTAL	9181	8279	5459	22920	2167	3530	7497	13194	3304	3391	3098	9795					14653	15201	16055	45510
MIXEDWOOD LAND																				
UP TO 20YRS	104	54	19	178					2			2					107	54	19	180
21YRS - 40YRS	651	411	334	1397	61	52		114	670	529	338	1538					1384	993	672	3050
41YRS - 60YRS	1436	1471	1787	4695	310	571	824	1707	3137	3553	3048	9739					4884	5596	5661	16142
61YRS - 80YRS	4940	7185	6732	18857	1908	2576	4056	8541	1835	1973	1432	5241					8684	11735	12221	32641
81YRS -100YRS	934	1562	3673	6170	98	468	699	1266	91	173	88	353					1124	2204	4461	7789
101YRS OR MORE	221	196	211	629	336	862	2573	3773									557	1059	2785	4402
UNEVENAGED STANDS									89	80		170					89	80		170
TOTAL	8289	10881	12758	31929	2716	4533	8154	15403	5826	6310	4908	17044					16831	21725	25821	64377
HARDWOOD LAND																				
UP TO 20YRS	22	28		50					56	14	116	187					79	42	116	238
21YRS - 40YRS	252	160	213	627	11			11	284	268	115	668					549	428	329	1307
41YRS - 60YRS	1859	2115	1383	5358	362	129	280	773	1040	815	694	2551					3262	3060	2358	8682
61YRS - 80YRS	914	1299	1949	4162	189	452	843	1485	346	842	974	2164					1449	2594	3767	7812
81YRS -100YRS	659	1433	1685	3779					222	472	457	1151					882	1905	2143	4931
101YRS OR MORE																				
UNEVENAGED STANDS																				
TOTAL	3708	5037	5232	13978	563	582	1124	2270	1951	2413	2358	6723					6223	8032	8715	22971
ALL FOREST LAND																				
UP TO 20YRS	152	91	19	262					62	14	116	193					214	106	135	456
21YRS - 40YRS	1394	797	566	2758	103	78	44	226	1617	1267	965	3849					3115	2143	1576	6835
41YRS - 60YRS	8527	8114	6621	23263	1089	1284	1336	3710	5697	5991	4993	16681					15313	15390	12951	43655
61YRS - 80YRS	9171	11968	10622	31761	2530	3713	5552	11795	3235	4116	3744	11095					14936	19797	19918	54653
81YRS -100YRS	1710	3029	5409	10149	1063	2336	5683	9083	380	645	545	1571					3154	6011	11639	20804
101YRS OR MORE	223	196	211	631	661	1233	4159	6053									884	1429	4371	6684
UNEVENAGED STANDS									89	80		170					89	80		170
TOTAL	21179	24197	23450	68828	5446	8645	16776	30868	11082	12115	10365	33563					37708	44959	50592	133260

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E – MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES — MUNICIPALITY – ARGYLE

O W N E R S H I P   C L A S S

COVER TYPE AND SITE CLASS	CROWN LAND 4 - 6 DBH	CROWN LAND 7 - 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 - 6 DBH	LARGE OWNERS 7 - 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL	SMALL OWNERS 4 - 6 DBH	SMALL OWNERS 7 - 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	MILITARY RESERVES AND PARKS 7 - 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL	TOTAL 4 - 6 DBH	TOTAL 7 - 9 DBH	TOTAL 10 + UP DBH	TOTAL
SOFTWOOD LAND																				
1																				
2																				
3	97	56		153					401	672	942	2016					498	728	942	2170
4	7857	7733	5252	20842	1757	3196	7354	12307	2070	2269	2110	6450					11685	13199	14716	39601
5	1227	489	207	1924	409	334	142	887	832	450	45	1327					2468	1274	396	4139
6																				
TOTAL	9181	8279	5459	22920	2167	3530	7497	13194	3304	3391	3098	9795					14653	15201	16055	45910
MIXEDWOOD LAND																				
1																				
2																				
3	67	31	19	117					137	333	98	568					204	364	117	666
4	7029	9627	11732	28389	2716	4533	8154	15403	4924	4985	4255	14165					1467[illegible]	19145	24142	57958
5	1192	1223	1006	3422					764	991	554	2310					1956	2215	1561	5733
6																				
TOTAL	8289	10881	12758	31929	2716	4533	8154	15403	5826	6310	4908	17044					16831	21725	25821	64377
HARDWOOD LAND																				
1																				
2																				
3	447	467	363	1279					119	134	268	522					566	602	632	1801
4	3185	4554	4868	12608	563	582	1124	2270	1832	2278	2089	6200					5580	7415	8083	21078
5	75	15		90													75	15		90
6																				
TOTAL	3708	5037	5232	13978	563	582	1124	2270	1951	2413	2358	6723					6223	8032	8715	22571
ALL FOREST LAND																				
1																				
2																				
3	611	555	382	1550					658	1140	1309	3107					1270	1695	1692	4658
4	18072	21914	21853	61840	5036	8311	16633	29981	8827	9533	8455	26816					31936	39759	46942	118638
5	2495	1727	1214	5437	409	334	142	887	1596	1442	600	3638					4501	3504	1957	9963
6																				
TOTAL	21179	24197	23450	68828	5446	8645	16776	30868	11082	12115	10365	33563					37708	44959	50592	133260

ALL FIGURES ARE IN THOUSANDS CU.FT.

ESTIMATE - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY ARGYLE

SPECIES	CROWN LAND				LARGE OWNERS				SMALL OWNERS				MILITARY RESERVES AND PARKS				TOTAL			
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
WHITE SPRUCE	194	312	640	1147	232	335	404	972	605	1426	1780	3812					1032	2074	2825	5932
SPRUCE-RED + BLACK	7584	6704	3624	17914	1645	2818	5227	9690	3364	4286	3001	10652					12594	13809	11853	38258
FIR	4445	4802	2650	11898	972	1009	386	2369	2296	1922	905	5123					7714	7734	3942	19391
HEMLOCK		15	77	93	327	696	3605	4629	4	34	207	246					331	747	3890	4969
WHITE PINE	258	511	5132	5902	102	218	2095	2416	33	69	260	364					395	798	7489	8682
RED PINE		27	69	96														27	69	96
LARCH	1671	1811	1115	4597	123	269	169	562	469	492	202	1164					2264	2573	1486	6324
JACK PINE																				
SCOTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	14154	14185	13310	41651	3404	5348	11888	20641	6774	8231	6358	21363					24333	27765	31557	83656
SUGAR MAPLE	20	43	24	88	23	7	107	139	145	66	80	291					189	117	212	519
RED MAPLE	4984	6456	5809	17251	1343	1908	2713	5965	2298	2000	1839	6138					8626	10365	10363	29355
YELLOW BIRCH	40	121	571	733	59	65	564	689	291	248	692	1232					391	435	1828	2655
WHITE BIRCH	674	1058	441	2174	251	342	62	656	453	149	107	710					1379	1550	611	3541
OAK	712	1487	2848	5048	323	770	366	1460	321	457	418	1197					1356	2716	3632	7706
ASPEN	170	470	381	1022	12	118	931	1061	91	269	93	453					274	857	1406	2538
GREY BIRCH	39	10		50	1			1	20			20					61	10		71
WHITE ASH	1	28		29	16	66	103	185	2	7		10					19	102	103	226
BLACK ASH					2	18	19	40									2	18	19	40
CHERRY	10	28		39													10	28		39
ELM																				
BEECH	369	305	62	738	8		19	27	684	685	775	2144					1062	991	856	2910
BALSAM POPLAR																				
TOTAL HARDWOODS	7024	10011	10140	27176	2042	3297	4887	10227	4308	3884	4006	12199					13375	17194	19034	49603
MISCELLANEOUS																				
TOTAL FOREST LAND	21179	24197	23450	68828	5446	8645	16776	30868	11082	12115	10365	33563					37708	44959	50592	133260

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - BARRINGTON

COVER TYPE AND DENSITY CLASS	OWNERSHIP CLASS: CROWN LAND 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	LARGE OWNERS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	SMALL OWNERS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	TOTAL 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 40(	2235	2470	2504	7210	533	201	352	1087	1761	1790	944	4497					4531	4462	3802	12795
41(- 60(	1535	1044	1308	3888	911	1582	6285	8779	1767	1407	733	3908					4214	4035	8326	16576
61(- 80(	1752	1301	1076	4131	246	293	29	568	2365	1536	573	4476					4364	3131	1680	9176
81(-100(	671	334	128	1134					516	137	262	916					1187	471	391	2051
OVERSTOCKED																				
TOTAL	6195	5151	5018	16365	1690	2077	6667	10435	6411	4871	2515	13798					14298	12100	14201	40600
MIXEDWOOD LAND																				
UP TO 40(	3448	4028	3721	11198	271	392	1127	1791	1054	1646	1457	4158					4773	6067	6306	17147
41(- 60(	243	325	233	802	119	191	289	600	3050	3743	3555	10349					3413	4260	4078	11753
61(- 80(	1553	1776	1407	4737	278	305	1561	2145	482	462	392	1338					2315	2544	3361	8220
81(-100(					225	23		248									225	23		248
OVERSTOCKED																				
TOTAL	5246	6130	5362	16738	894	912	2978	4785	4587	5853	5405	15846					10728	12896	13746	37370
HARDWOOD LAND																				
UP TO 40(	220	178		398													220	178		398
41(- 60(	485	404	149	1039					178	407	286	872					663	812	436	1912
61(- 80(	194	173	33	402					303	284	467	1055					498	458	501	1458
81(-100(	243	85		328													243	85		328
OVERSTOCKED																				
TOTAL	1143	842	183	2169					482	692	754	1928					1626	1534	938	4098
ALL FOREST LAND																				
UP TO 40(	5904	6676	6226	18807	804	594	1480	2879	2816	3436	2402	8655					9524	10708	10109	30342
41(- 60(	2264	1775	1690	5731	1030	1773	6574	9379	4996	5558	4575	15131					8292	9108	12841	30242
61(- 80(	3501	3252	2518	9272	524	598	1590	2713	3152	2284	1434	6870					7178	6134	5543	18855
81(-100(	915	419	128	1463	225	23		248	516	137	262	916					1656	580	391	2628
OVERSTOCKED																				
TOTAL	12585	12124	10564	35274	2585	2989	9645	15220	11481	11416	8675	31573					26652	26531	28885	82069

ALL FIGURES ARE IN THOUSANDS CU.FT.

O W N E R S H I P C L A S S

COVER TYPE AND AGE CLASS	CROWN LAND 4 - 6 DBH	CROWN LAND 7 - 9 CBH	CROWN LAND 10 + UP CBH	CROWN LAND TOTAL	LARGE OWNERS 4 - 6 DBH	LARGE OWNERS 7 - 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL	SMALL OWNERS 4 - 6 DBH	SMALL OWNERS 7 - 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	MILITARY RESERVES AND PARKS 7 - 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL	TOTAL 4 - 6 DBH	TOTAL 7 - 9 DBH	TOTAL 10 + UP CBH	TOTAL
SOFTWOOD LAND																				
UP TO 20YRS									2	12		14					2	12		14
21YRS - 40YRS	720	457	619	1796					573	259	219	1052					1293	716	838	2848
41YRS - 60YRS	2389	2014	1605	6009	1017	634	804	2456	3605	2283	866	6754					7011	4931	3276	15220
61YRS - 80YRS	2363	2155	2533	7052	673	1443	5862	7978	2115	2253	1383	5752					5152	5852	9778	20784
81YRS -100YRS	495	453	136	1085					114	63	46	224					610	516	182	1309
101YRS OR MORE																				
UNEVENAGED STANDS	227	70	124	422													227	70	124	422
TOTAL	6195	5151	5018	16365	1690	2077	6667	10435	6411	4871	2515	13798					14298	12100	14201	40600
MIXEDWOOD LAND																				
UP TO 20YRS																				
21YRS - 40YRS	430	310	392	1133	225	23		248	241	295	271	809					897	629	664	2192
41YRS - 60YRS	467	321	139	928	379	442	1069	1892	781	705	565	2053					1629	1469	1775	4873
61YRS - 80YRS	4024	5034	4451	13510	213	285	1036	1535	3191	4208	4156	11556					7429	9528	9644	26602
81YRS -100YRS	323	463	379	1166	76	160	871	1108	269	420	390	1080					669	1044	1640	3355
101YRS OR MORE																				
UNEVENAGED STANDS									101	223	21	345					101	223	21	345
TOTAL	5246	6130	5362	16738	894	912	2978	4785	4587	5853	5405	15846					10728	12896	13746	37370
HARDWOOD LAND																				
UP TO 20YRS																				
21YRS - 40YRS	42	14		56													42	14		56
41YRS - 60YRS	473	215		688					206	134	228	568					679	350	228	1257
61YRS - 80YRS	628	612	183	1424					275	557	526	1359					904	1170	709	2784
81YRS -100YRS																				
101YRS OR MORE																				
UNEVENAGED STANDS																				
TOTAL	1143	842	183	2169					482	692	754	1928					1626	1534	938	4098
ALL FOREST LAND																				
UP TO 20YRS									2	12		14					2	12		14
21YRS - 40YRS	1192	781	1011	2986	225	23		248	815	554	491	1861					2233	1360	1503	5097
41YRS - 60YRS	3330	2552	1744	7626	1397	1076	1874	4348	4593	3122	1660	9376					9320	6751	5279	21352
61YRS - 80YRS	7016	7803	7167	21987	886	1728	6899	9514	5583	7019	6065	18669					13485	16551	20133	50171
81YRS -100YRS	818	917	515	2251	76	160	871	1108	384	483	437	1305					1280	1561	1823	4665
101YRS OR MORE																				
UNEVENAGED STANDS	227	70	124	422					101	223	21	345					329	293	145	768
TOTAL	12585	12124	10564	35274	2585	2989	9645	15220	11481	11416	8675	31573					26652	26531	28885	82069

ALL FIGURES ARE IN THCUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - BARRINGTON

COVER TYPE AND SITE CLASS	CROWN LAND 4 - 6 DBH	CROWN LAND 7 - 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 - 6 DBH	LARGE OWNERS 7 - 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL	SMALL OWNERS 4 - 6 DBH	SMALL OWNERS 7 - 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	MILITARY RESERVES AND PARKS 7 - 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL	TOTAL 4 - 6 DBH	TOTAL 7 - 9 DBH	TOTAL 10 + UP DBH	TOTAL TOTAL
SOFTWOOD LAND																				
1																				
2																				
3					65	88	416	569									65	88	416	569
4	3682	3709	4290	11682	1259	1840	6184	9284	5289	4482	2447	12219					10231	10032	12922	33186
5	2513	1442	728	4683	366	148	66	581	1122	388	67	1578					4001	1979	862	6843
6																				
TOTAL	6195	5151	5018	16365	1690	2077	6667	10435	6411	4871	2515	13798					14298	12100	14201	40600
MIXEDWOOD LAND																				
1																				
2									7			7					7			7
3					85	101	126	314									85	101	126	314
4	4914	5605	5137	15657	809	810	2851	4471	4521	5792	5405	15719					10245	12207	13394	35848
5	331	525	225	1081					58	60		119					389	586	225	1201
6																				
TOTAL	5246	6130	5362	16738	894	912	2978	4785	4587	5853	5405	15846					10728	12896	13746	37370
HARDWOOD LAND																				
1																				
2																				
3																				
4	923	663	183	1771					482	692	754	1928					1405	1356	938	3700
5	220	178		398													220	178		398
6																				
TOTAL	1143	842	183	2169					482	692	754	1928					1626	1534	938	4098
ALL FOREST LAND																				
1																				
2									7			7					7			7
3					150	190	542	884									150	190	542	884
4	9521	9978	9610	29110	2068	2650	9036	13755	10293	10967	8608	29868					21882	23596	27255	72734
5	3064	2146	953	6163	366	148	66	581	1180	449	67	1698					4611	2744	1087	8443
6																				
TOTAL	12585	12124	10564	35274	2585	2989	9645	15220	11481	11416	8675	31573					26652	26531	28885	82069

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY BARRINGTON

O W N E R S H I P C L A S S

S P E C I E S	CROWN LAND 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	LARGE OWNERS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	SMALL OWNERS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	TOTAL 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
WHITE SPRUCE	284	531	480	1295	8	18		26	451	1445	1165	3063					744	1996	1645	4385
SPRUCE-RED + BLACK	4486	2228	1042	7757	1141	1143	4287	6572	3834	2549	1496	7880					9463	5921	6826	22210
FIR	4356	3785	1360	9503	643	469	191	1304	4775	3833	1727	10336					9776	8088	3279	21144
HEMLOCK					26	38		65									26	38		65
WHITE PINE	55	259	2737	3053	111	344	2372	2829	21	113	518	654					189	717	5629	6536
RED PINE					15	14	144	174									15	14	144	174
LARCH	520	735	186	1442	86	11		97	151	249	292	693					758	996	478	2234
JACK PINE																				
SCOTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	9703	7541	5808	23052	2033	2040	6995	11070	9236	8192	5199	22628					20973	17774	18003	56751
SUGAR MAPLE																				
RED MAPLE	2083	3983	4458	10525	438	803	1847	3089	2003	2836	2743	7583					4525	7623	9048	21198
YELLOW BIRCH	32	10	128	171	41	49	399	490	46	68	132	248					121	128	661	910
WHITE BIRCH	664	440	135	1239	27	29		56	187	270	380	837					879	739	515	2134
OAK	85	10		95	41	67	403	511		29	219	248					127	106	622	856
ASPEN	16	139	33	189					4	20		24					20	159	33	213
GREY BIRCH									2			2					2			2
WHITE ASH					2			2									2			2
BLACK ASH																				
CHERRY																				
ELM																				
BEECH																				
BALSAM POPLAR																				
TOTAL HARDWOODS	2882	4583	4755	12221	552	949	2649	4150	2244	3224	3476	8945					5679	8757	10881	25318
MISCELLANEOUS																				
TOTAL FOREST LAND	12585	12124	10564	35274	2585	2989	9645	15221	11481	11416	8675	31573					26652	26531	28885	82069

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS — MUNICIPALITY - BARRINGTON

O W N E R S H I P   C L A S S

COVER TYPE AND DENSITY CLASS	CROWN LAND				LARGE OWNERS				SMALL OWNERS				MILITARY RESERVES AND PARKS				TOTAL			
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 40(	1562	2120	2313	5995	338	172	322	833	1184	1556	870	3611					3084	3849	3506	10440
41(- 60(	1008	901	1206	3117	630	1346	5835	7812	1187	1216	675	3079					2827	3465	7717	14010
61(- 80(	1162	1117	970	3250	169	253	26	449	1622	1321	525	3468					2954	2691	1522	7168
81(-100(	456	283	117	857					355	119	239	714					811	403	356	1571
OVERSTOCKED																				
TOTAL	4189	4423	4608	13221	1138	1772	6184	9095	4350	4213	2310	10874					9678	10409	13102	33191
MIXEDWOOD LAND																				
UP TO 40(	2350	3408	3378	9138	180	332	1035	1548	717	1391	1322	3432					3249	5132	5737	14119
41(- 60(	172	275	209	658	81	160	263	505	2142	3181	3234	8558					2397	3617	3707	9722
61(- 80(	1083	1505	1250	3839	191	260	1430	1882	330	399	360	1090					1605	2165	3041	6812
81(-100(					146	20		166									146	20		166
OVERSTOCKED																				
TOTAL	3607	5190	4839	13636	600	772	2728	4101	3191	4972	4917	13081					7398	10935	12485	30820
HARDWOOD LAND																				
UP TO 40(	141	145		287													141	145		287
41(- 60(	321	342	132	795					126	335	258	720					447	677	390	1515
61(- 80(	127	143	30	301					202	236	424	863					330	379	454	1164
81(-100(	156	68		225													156	68		225
OVERSTOCKED																				
TOTAL	747	699	162	1609					329	572	682	1583					1076	1271	845	3193
ALL FOREST LAND																				
UP TO 40(	4054	5674	5692	15421	518	504	1358	2381	1902	2948	2193	7044					6475	9127	9243	24847
41(- 60(	1502	1520	1549	4572	712	1506	6098	8317	3456	4733	4167	12357					5672	7760	11814	25247
61(- 80(	2373	2766	2251	7391	361	513	1456	2331	2156	1957	1309	5423					4890	5237	5018	15146
81(-100(	613	352	117	1083	146	20		166	355	119	239	714					1115	492	356	1963
OVERSTOCKED																				
TOTAL	8544	10313	9610	28467	1738	2545	8913	13197	7871	9758	7909	25539					18153	22617	26433	67205

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E – MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY – BARRINGTON

O W N E R S H I P   C L A S S

COVER TYPE AND AGE CLASS	CROWN LAND 4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	LARGE OWNERS 4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	SMALL OWNERS 4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	MILITARY RESERVES AND PARKS 4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	TOTAL 4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 20YRS									1	10		11					1	10		11
21YRS – 40YRS	464	389	556	1411					397	222	200	820					861	612	757	2231
41YRS – 60YRS	1628	1734	1478	4841	677	545	737	1959	2388	1971	798	5158					4694	4251	3014	11960
61YRS – 80YRS	1604	1852	2334	5791	461	1227	5447	7136	1482	1953	1267	4703					3548	5033	9049	17631
81YRS –100YRS	346	386	124	857					80	56	43	179					426	443	167	1037
101YRS OR MORE																				
UNEVENAGED STANDS	145	59	114	318													145	59	114	318
TOTAL	4189	4423	4608	13221	1138	1772	6184	9095	4350	4213	2310	10874					9678	10409	13102	33191
MIXEDWOOD LAND																				
UP TO 20YRS																				
21YRS – 40YRS	296	261	349	907	146	20		166	162	254	255	672					604	536	604	1746
41YRS – 60YRS	318	275	126	719	257	375	976	1609	534	597	525	1657					1110	1248	1628	3987
61YRS – 80YRS	2764	4259	4010	11033	143	241	951	1335	2229	3572	3759	9562					5137	8073	8721	21932
81YRS –100YRS	228	393	353	975	53	136	800	990	193	355	357	906					475	884	1512	2872
101YRS OR MORE																				
UNEVENAGED STANDS									70	192	19	282					70	192	19	282
TOTAL	3607	5190	4839	13636	600	772	2728	4101	3191	4972	4917	13081					7398	10935	12485	30820
HARDWOOD LAND																				
UP TO 20YRS																				
21YRS – 40YRS	23	11		34													23	11		34
41YRS – 60YRS	306	178		484					140	111	211	463					446	289	211	948
61YRS – 80YRS	417	509	162	1090					188	460	470	1120					606	970	633	2210
81YRS –100YRS																				
101YRS OR MORE																				
UNEVENAGED STANDS																				
TOTAL	747	699	162	1609					329	572	682	1583					1076	1271	845	3193
ALL FOREST LAND																				
UP TO 20YRS									1	10		11					1	10		11
21YRS – 40YRS	784	662	906	2353	146	20		166	559	477	456	1493					1489	1160	1362	4012
41YRS – 60YRS	2252	2188	1604	6046	934	920	1713	3568	3064	2680	1535	7280					6251	5790	4853	16895
61YRS – 80YRS	4786	6622	6507	17915	604	1468	6398	8471	3901	5986	5497	15386					9292	14077	18404	41774
81YRS –100YRS	575	780	478	1833	53	136	800	990	274	411	400	1086					902	1327	1679	3910
101YRS OR MORE																				
UNEVENAGED STANDS	145	59	114	318					70	192	19	282					215	251	133	600
TOTAL	8544	10313	9610	28467	1738	2545	8913	13197	7871	9758	7909	25539					18153	22617	26433	67205

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E – MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY – BARRINGTON

O W N E R S H I P C L A S S

COVER TYPE AND SITE CLASS	CROWN LAND				LARGE OWNERS				SMALL OWNERS				MILITARY RESERVES AND PARKS				TOTAL			
	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
1																				
2																				
3					42	75	385	503									42	75	385	503
4	2485	3187	3946	9619	862	1570	5739	8172	3608	3881	2247	9737					6957	8638	11933	27529
5	1703	1236	661	3601	232	127	59	419	741	332	62	1137					2677	1695	784	5157
6																				
TOTAL	4189	4423	4608	13221	1138	1772	6184	9095	4350	4213	2310	10874					9678	10409	13102	33191
MIXEDWOOD LAND																				
1																				
2												4					4			4
3					57	84	116	258									57	84	116	258
4	3384	4747	4643	12775	542	688	2612	3843	3146	4922	4917	12985					7073	10358	12172	29604
5	222	442	196	861					40	50		91					263	493	196	952
6																				
TOTAL	3607	5190	4839	13636	600	772	2728	4101	3191	4972	4917	13081					7398	10935	12485	30820
HARDWOOD LAND																				
1																				
2																				
3																				
4	605	554	162	1322					329	572	682	1583					934	1126	845	2906
5	141	145		287													141	145		287
6																				
TOTAL	747	699	162	1609					329	572	682	1583					1076	1271	845	3193
ALL FOREST LAND																				
1																				
2									4			4					4			4
3					100	159	501	762									100	159	501	762
4	6476	8488	8752	23717	1405	2258	8351	12015	7084	9375	7846	24306					14965	20123	24951	60040
5	2068	1824	858	4750	232	127	59	419	782	383	62	1228					3082	2334	980	6398
6																				
TOTAL	8544	10313	9610	28467	1738	2545	8913	13197	7871	9758	7909	25539					18153	22617	26433	67205

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E – MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY BARRINGTON

O W N E R S H I P C L A S S

S P E C I E S	CROWN LAND				LARGE OWNERS				SMALL OWNERS				MILITARY RESERVES AND PARKS				TOTAL			
	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL
WHITE SPRUCE	197	456	443	1097	5	15		20	311	1237	1061	2610					514	1709	1504	3728
SPRUCE-RED + BLACK	2932	1910	964	5807	742	987	4020	5751	2510	2192	1379	6083					6186	5091	6364	17642
FIR	3100	3326	1277	7704	452	411	180	1044	3448	3372	1617	8437					7001	7110	3075	17187
HEMLOCK					18	33		51									18	33		51
WHITE PINE	38	223	2553	2814	79	295	2183	2558	15	97	484	597					132	616	5221	5970
RED PINE					10	12	133	156									10	12	133	156
LARCH	344	632	171	1148	57	9		67	103	214	272	591					506	856	444	1807
JACK PINE																				
SCOTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	6613	6549	5410	18573	1366	1765	6518	9650	6389	7114	4815	18319					14369	15429	16744	46543
SUGAR MAPLE																				
RED MAPLE	1407	3271	3937	8616	296	661	1661	2620	1323	2322	2439	6085					3027	6255	8038	17321
YELLOW BIRCH	22	8	113	143	25	39	368	433	30	56	116	204					78	104	598	781
WHITE BIRCH	429	357	118	906	20	24		44	122	222	339	684					572	604	458	1635
OAK	60	8		68	28	54	365	448		24	198	222					88	87	563	739
ASPEN	11	117	30	159					3	18		21					14	135	30	180
GREY BIRCH									1			1					1			1
WHITE ASH					1			1									1			1
BLACK ASH																				
CHERRY																				
ELM																				
BEECH																				
BALSAM POPLAR																				
TOTAL HARDWOODS	1930	3763	4200	9894	371	780	2395	3547	1481	2643	3094	7219					3784	7188	9689	20661
MISCELLANEOUS																				
TOTAL FOREST LAND	8544	10313	9610	28467	1738	2545	8913	13197	7871	9758	7909	25539					18153	22617	26433	67205

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E – GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY – SHELBURNE

O W N E R S H I P   C L A S S

COVER TYPE AND DENSITY CLASS	CROWN LAND 4 – 6 DBH	CROWN LAND 7 – 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 – 6 DBH	LARGE OWNERS 7 – 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL
SOFTWOOD LAND								
UP TO 40(	8276	5960	6228	20566	3344	2886	5180	11411
41(– 60(	6274	5004	7909	19188	3150	2609	6568	12329
61(– 80(	3495	3048	4718	11262	2612	3745	7587	13945
81(–100(	229	125	258	612	366	811	4341	5519
OVERSTOCKED					26	124	539	690
TOTAL	18376	14139	19115	51630	9501	10177	24217	43896
MIXEDWOOD LAND								
UP TO 40(	4623	4376	4313	13313	2260	2526	3006	7793
41(– 60(	7981	8956	9415	26353	2952	3618	6464	13035
61(– 80(	2979	2921	3764	9666	664	545	543	1754
81(–100(								
OVERSTOCKED								
TOTAL	15584	16254	17493	49332	5877	6690	10014	22583
HARDWOOD LAND								
UP TO 40(	1736	2044	1477	5257	341	266	65	673
41(– 60(	2752	3049	2110	7912	503	653	521	1679
61(– 80(	2499	1057	1076	4633	582	694	292	1569
81(–100(	47	75		122				
OVERSTOCKED								
TOTAL	7035	6226	4664	17926	1428	1615	878	3922
ALL FOREST LAND								
UP TO 40(	14736	12381	12019	39137	5947	5679	8252	19879
41(– 60(	17007	17011	19435	53454	6606	6882	13554	27043
61(– 80(	8974	7027	9560	25562	3859	4986	8423	17269
81(–100(	276	200	258	735	366	811	4341	5519
OVERSTOCKED					26	124	539	690
TOTAL	40995	36620	41273	118890	16807	18484	35110	70402

COVER TYPE AND DENSITY CLASS	SMALL OWNERS 4 – 6 DBH	SMALL OWNERS 7 – 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 – 6 DBH	MILITARY RESERVES AND PARKS 7 – 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL
SOFTWOOD LAND								
UP TO 40(	6775	5431	5263	17470				
41(– 60(	7378	4667	4742	16788				
61(– 80(	4873	2628	1120	8622				
81(–100(	382	273	1146	1802				
OVERSTOCKED								
TOTAL	19410	13000	12273	44684				
MIXEDWOOD LAND								
UP TO 40(	2460	2302	2208	6971				
41(– 60(	6157	4998	4094	15250				
61(– 80(	1786	2257	3188	7232				
81(–100(								
OVERSTOCKED								
TOTAL	10404	9558	9491	29454				
HARDWOOD LAND								
UP TO 40(	1030	876	1215	3122				
41(– 60(	1248	905	436	2591				
61(– 80(	498	240		739				
81(–100(								
OVERSTOCKED								
TOTAL	2777	2022	1652	6452				
ALL FOREST LAND								
UP TO 40(	10266	8609	8688	27564				
41(– 60(	14784	10572	9274	34630				
61(– 80(	7158	5127	4308	16594				
81(–100(	382	273	1146	1802				
OVERSTOCKED								
TOTAL	32592	24581	23417	80591				

COVER TYPE AND DENSITY CLASS	TOTAL 4 – 6 DBH	TOTAL 7 – 9 DBH	TOTAL 10 + UP DBH	TOTAL
SOFTWOOD LAND				
UP TO 40(	18497	14278	16673	49449
41(– 60(	16803	12281	19221	48306
61(– 80(	10981	9422	13426	33830
81(–100(	978	1210	5746	7934
OVERSTOCKED	26	124	539	690
TOTAL	47288	37317	55605	140211
MIXEDWOOD LAND				
UP TO 40(	9345	9204	9528	28078
41(– 60(	17090	17574	19974	54639
61(– 80(	5431	5725	7496	18653
81(–100(				
OVERSTOCKED				
TOTAL	31866	32504	36999	.101371
HARDWOOD LAND				
UP TO 40(	3108	3187	2758	9053
41(– 60(	4504	4609	3068	12182
61(– 80(	3580	1992	1369	6942
81(–100(	47	75		122
OVERSTOCKED				
TOTAL	11240	9865	7195	28301
ALL FOREST LAND				
UP TO 40(	30951	26670	28959	86581
41(– 60(	38399	34465	42264	115128
61(– 80(	19993	17141	22292	59426
81(–100(	1025	1285	5746	8057
OVERSTOCKED	26	124	539	690
TOTAL	90395	79686	99801	269884

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - SHELBURNE

COVER TYPE AND AGE CLASS	CROWN LAND 4 - 6 DBH	CROWN LAND 7 - 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 - 6 DBH	LARGE OWNERS 7 - 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL	SMALL OWNERS 4 - 6 DBH	SMALL OWNERS 7 - 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	MILITARY RESERVES AND PARKS 7 - 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL	TOTAL 4 - 6 DBH	TOTAL 7 - 9 DBH	TOTAL 10 + UP DBH	TOTAL TOTAL
SOFTWOOD LAND																				
UP TO 20YRS	54			54	4			4	64	24	20	109					123	24	20	168
21YRS - 40YRS	1746	920	534	3201	776	430	277	1484	1813	1005	665	3484					4337	2356	1476	8170
41YRS - 60YRS	11028	8320	9412	28761	3910	3589	5438	12938	12287	7905	5909	26101					27226	19815	20760	67802
61YRS - 80YRS	4526	3709	6368	14604	3763	4357	10006	18127	4844	3747	4255	12847					13134	11814	20629	45579
81YRS -100YRS	1019	1188	2800	5008	770	1251	3671	5693	277	288	1422	1988					2067	2728	7894	12690
101YRS OR MORE					275	548	4823	5646									275	548	4823	5646
UNEVENAGED STANDS									123	28		152					123	28		152
TOTAL	18376	14139	19115	51630	9501	10177	24217	43896	19410	13000	12273	44684					47288	37317	55605	140211
MIXEDWOOD LAND																				
UP TO 20YRS					14	35	102	151	110	19	21	151					124	54	123	303
21YRS - 40YRS	283	364	65	713	595	287	290	1173	1073	534	318	1926					1953	1185	674	3813
41YRS - 60YRS	7468	6653	7017	21139	2199	1979	1969	6147	3971	3852	3971	11796					13639	12486	12958	39084
61YRS - 80YRS	6587	7767	9226	23581	3067	4389	7652	15110	4969	4703	4883	14556					14624	16860	21763	53248
81YRS -100YRS	1245	1468	1183	3898					231	361	296	888					1476	1829	1480	4786
101YRS OR MORE																				
UNEVENAGED STANDS									47	87		135					47	87		135
TOTAL	15584	16254	17493	49332	5877	6690	10014	22583	10404	9558	9491	29454					31866	32504	36999	101371
HARDWOOD LAND																				
UP TO 20YRS					15	17	21	53	56	39	18	114					71	56	40	167
21YRS - 40YRS	737	285	21	1044	110	59	95	265	520	175	137	833					1368	520	254	2144
41YRS - 60YRS	3755	2930	2367	9053	979	1043	271	2295	1550	888	122	2561					6286	4863	2761	13911
61YRS - 80YRS	2541	3010	2275	7827	290	328	331	949	540	706	1114	2361					3372	4045	3721	11139
81YRS -100YRS					32	166	158	357	110	212	258	581					142	379	417	938
101YRS OR MORE																				
UNEVENAGED STANDS																				
TOTAL	7035	6226	4664	17926	1428	1615	878	3922	2777	2022	1652	6452					11240	9865	7195	28301
ALL FOREST LAND																				
UP TO 20YRS	54			54	33	52	123	209	230	83	61	375					319	135	185	639
21YRS - 40YRS	2767	1569	621	4959	1483	777	663	2923	3408	1715	1121	6245					7659	4062	2405	14128
41YRS - 60YRS	22252	17905	18796	58954	7090	6612	7679	21382	17809	12647	10003	40460					47152	37164	36480	120797
61YRS - 80YRS	13655	14488	17870	46014	7122	9075	17990	34187	10353	9157	10253	29765					31131	32721	46114	109967
81YRS -100YRS	2264	2657	3984	8906	802	1418	3830	6051	618	862	1977	3457					3686	4938	9792	18416
101YRS OR MORE					275	548	4823	5646									275	548	4823	5646
UNEVENAGED STANDS									171	115		287					171	115		287
TOTAL	40995	36620	41273	118890	16807	18484	35110	70402	32592	24581	23417	80591					90395	79686	99801	269884

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES MUNICIPALITY - SHELBURNE

COVER TYPE AND SITE CLASS	O W N E R S H I P C L A S S: C R O W N L A N D 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	L A R G E O W N E R S 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	S M A L L O W N E R S 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	T O T A L 4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
1																				
2					119	140	170	430									119	140	170	430
3	779	888	1556	3225	306	661	1173	2142	630	639	480	1751					1717	2190	3210	7119
4	13704	11436	16585	41726	7879	8783	22523	39187	16267	11269	11266	38802					37851	31489	50374	119716
5	3891	1814	973	6679	1194	591	350	2137	2511	1091	526	4129					7598	3496	1850	12945
6																				
TOTAL	18376	14139	19115	51630	9501	10177	24217	43896	19410	13000	12273	44684					47288	37317	55605	140211
MIXEDWOOD LAND																				
1																				
2					21	84	358	464									21	84	358	464
3					270	680	2611	3562									270	680	2611	3562
4	14680	15689	17307	47678	5461	5895	7043	18401	10277	9312	9451	29040					30419	30898	33802	95120
5	903	564	186	1654	124	29		154	126	246	40	414					1155	841	226	2223
6																				
TOTAL	15584	16254	17493	49332	5877	6690	10014	22583	10404	9558	9491	29454					31866	32504	36999	101371
HARDWOOD LAND																				
1																				
2					92	59	95	247									92	59	95	247
3	292	220	536	1049													292	220	536	1049
4	6742	6006	4127	16876	1335	1555	783	3674	2777	2022	1652	6452					10855	9585	6563	27004
5																				
6																				
TOTAL	7035	6226	4664	17926	1428	1615	878	3922	2777	2022	1652	6452					11240	9865	7195	28301
ALL FOREST LAND																				
1																				
2					234	284	624	1142									234	284	624	1142
3	1072	1109	2093	4275	577	1342	3784	5704	630	639	480	1751					2280	3091	6359	11731
4	35127	33133	38020	106281	14676	16235	30350	61263	29322	22604	22369	74296					79126	71973	90740	241840
5	4795	2378	1159	8334	1319	621	350	2291	2638	1337	566	4543					8754	4338	2076	15169
6																				
TOTAL	40995	36620	41273	118890	16807	18484	35110	70402	32592	24581	23417	80591					90395	79686	99801	269884

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY SHELBURNE

	O W N E R S H I P C L A S S																			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				MILITARY RESERVES AND PARKS				T O T A L			
S P E C I E S	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
WHITE SPRUCE	33	46	88	168	7	17	58	83	1017	1144	955	3116					1058	1207	1102	3368
SPRUCE-RED + BLACK	17136	11141	5225	33503	7487	7217	7587	22292	14673	9267	4197	28138					39297	27626	17009	83933
FIR	6635	5991	2954	15581	2997	2272	822	6092	7531	5969	2789	16290					17164	14233	6566	37964
HEMLOCK	11	151	1174	1338	219	1124	8492	9836	147	366	1975	2488					378	1643	11641	13663
WHITE PINE	1300	3676	19628	24605	1065	2026	11292	14384	540	1117	6852	8511					2906	6821	37774	47502
RED PINE		17	98	116	14	48	193	255									14	65	292	372
LARCH	2611	2027	826	5465	537	294	371	1203	1289	812	290	2392					4438	3134	1488	9062
JACK PINE																				
SCOTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	27729	23051	29997	80778	12328	13001	28819	54149	25200	18678	17059	60938					65258	54731	75875	195866
SUGAR MAPLE	4	47		51	38	18	33	91	13	17		30					56	83	33	173
RED MAPLE	9179	9970	7872	27021	3618	4129	4452	12201	5929	4827	4953	15710					18728	18927	17278	54934
YELLOW BIRCH	80	79	903	1064	12	31	106	150	31	25	138	196					125	136	1148	1411
WHITE BIRCH	1136	784	388	2310	388	519	425	1333	535	414	159	1108					2060	1718	972	4752
OAK	2094	1479	1254	4828	236	622	970	1829	301	275	468	1045					2631	2377	2693	7703
ASPEN	699	1175	857	2731	149	147	303	600	555	334	638	1527					1404	1657	1798	4860
GREY BIRCH	63	9		72					25	9		34					88	18		106
WHITE ASH	8	22		30	27	12		39									35	34		70
BLACK ASH																				
CHERRY																				
ELM																				
BEECH					6			6									6			6
BALSAM POPLAR																				
TOTAL HARDWOODS	13266	13569	11276	38111	4478	5482	6291	16253	7391	5903	6357	19653					25137	24955	23925	74018
MISCELLANEOUS																				
TOTAL FOREST LAND	40995	36620	41273	118890	16807	18484	35110	70402	32592	24581	23417	80591					90395	79686	99801	269884

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - SHELBURNE

	O W N E R S H I P C L A S S																			
COVER TYPE	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				MILITARY RESERVES AND PARKS				T O T A L			
AND DENSITY CLASS	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 40(	5605	5093	5744	16443	2275	2467	4745	9488	4570	4672	4866	14109					12453	12234	15355	40041
41(- 60(	4169	4295	7277	15742	2097	2231	6039	10368	4965	3991	4368	13324					11231	10518	17685	39435
61(- 80(	2319	2617	4311	9249	1760	3208	6993	11961	3223	2253	1020	6498					7303	8079	12326	27709
81(-100(	144	106	232	483	258	696	4044	4999	242	229	1074	1546					645	1032	5351	7029
OVERSTOCKED					19	104	498	622									19	104	498	622
TOTAL	12237	12114	17566	41918	6411	8708	22321	37441	13001	11147	11329	35479					31651	31970	51217	114839
MIXEDWOOD LAND																				
UP TO 40(	3141	3698	3923	10763	1536	2129	2743	6409	1649	1948	2017	5615					6327	7776	8684	22788
41(- 60(	5512	7578	8598	21689	2022	3069	5926	11017	4174	4245	3713	12134					11709	14894	18238	44842
61(- 80(	2056	2446	3466	7969	448	463	497	1409	1237	1925	2920	6083					3742	4834	6885	15462
81(-100(																				
OVERSTOCKED																				
TOTAL	10711	13723	15988	40423	4007	5662	9167	18836	7061	8119	8652	23833					21780	27504	33808	83093
HARDWOOD LAND																				
UP TO 40(	1190	1709	1322	4223	234	217	56	508	670	738	1094	2503					2096	2665	2473	7235
41(- 60(	1863	2527	1888	6279	341	535	465	1342	796	753	380	1931					3002	3817	2734	9553
61(- 80(	1605	865	989	3460	388	571	255	1215	310	199		510					2304	1636	1245	5186
81(-100(	28	66		94													28	66		94
OVERSTOCKED																				
TOTAL	4688	5168	4200	14058	964	1324	777	3066	1777	1692	1474	4944					7431	8185	6452	22069
ALL FOREST LAND																				
UP TO 40(	9537	10501	10990	31430	4047	4815	7544	16407	6890	7359	7978	22228					20875	22676	26513	70065
41(- 60(	11545	14402	17763	43712	4460	5836	12431	22728	9937	8990	8462	27390					25943	29229	38657	93831
61(- 80(	5982	5929	8768	20679	2597	4243	7746	14587	4771	4378	3941	13092					13353	14550	20457	48358
81(-100(	172	172	232	577	258	696	4044	4999	242	229	1074	1546					673	1095	5351	7123
OVERSTOCKED					19	104	498	622									19	104	498	622
TOTAL	27637	31006	37755	96400	11383	15695	32266	59345	21841	20958	21456	64257					60862	67660	91478	220002

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - SHELBURNE

O W N E R S H I P   C L A S S

COVER TYPE AND AGE CLASS	CROWN LAND 4 - 6 DBH	CROWN LAND 7 - 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 - 6 DBH	LARGE OWNERS 7 - 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL	SMALL OWNERS 4 - 6 DBH	SMALL OWNERS 7 - 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	MILITARY RESERVES AND PARKS 7 - 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL	TOTAL 4 - 6 DBH	TOTAL 7 - 9 DBH	TOTAL 10 + UP DBH	TOTAL TOTAL
SOFTWOOD LAND																				
UP TO 20YRS	36			36	2			2	42	21	18	82					81	21	18	121
21YRS - 40YRS	1177	785	483	2447	510	369	250	1130	1166	864	611	2642					2855	2019	1346	6220
41YRS - 60YRS	7356	7129	8639	23126	2604	3065	4989	10658	8203	6779	5434	20416					18164	16973	19063	54202
61YRS - 80YRS	2997	3171	5862	12031	2552	3723	9183	15459	3307	3212	3937	10457					8856	10107	18983	37948
81YRS -100YRS	669	1027	2580	4277	545	1081	3394	5020	195	246	1326	1768					1410	2355	7300	11067
101YRS OR MORE					195	469	4504	5169									195	469	4504	5169
UNEVENAGED STANDS									86	23		110					86	23		110
TOTAL	12237	12114	17566	41918	6411	8708	22321	37441	13001	11147	11329	35479					31651	31970	51217	114839
MIXEDWOOD LAND																				
UP TO 20YRS					9	29	93	132	71	15	18	105					80	45	111	238
21YRS - 40YRS	183	308	59	551	393	244	266	904	703	457	291	1452					1280	1010	617	2908
41YRS - 60YRS	5074	5613	6417	17105	1489	1671	1798	4959	2688	3269	3631	9589					9251	10555	11847	31654
61YRS - 80YRS	4574	6556	8437	19568	2115	3715	7009	12840	3393	3995	4449	11838					10083	14268	19895	44247
81YRS -100YRS	878	1244	1074	3197					169	306	261	737					1048	1550	1335	3935
101YRS OR MORE																				
UNEVENAGED STANDS									35	73		109					35	73		109
TOTAL	10711	13723	15988	40423	4007	5662	9167	18836	7061	8119	8652	23833					21780	27504	33808	83093
HARDWOOD LAND																				
UP TO 20YRS					9	14	18	42	34	33	17	85					44	47	36	127
21YRS - 40YRS	451	241	18	711	69	47	84	202	312	147	120	580					834	436	223	1494
41YRS - 60YRS	2491	2418	2142	7052	660	858	237	1756	981	740	108	1830					4133	4017	2488	10639
61YRS - 80YRS	1745	2509	2039	6294	201	266	296	764	376	596	1002	1975					2323	3371	3338	9034
81YRS -100YRS					22	137	139	300	73	173	225	472					95	311	365	772
101YRS OR MORE																				
UNEVENAGED STANDS																				
TOTAL	4688	5168	4200	14058	964	1324	777	3066	1777	1692	1474	4944					7431	8185	6452	22069
ALL FOREST LAND																				
UP TO 20YRS	36			36	22	44	111	178	148	70	54	273					206	114	166	488
21YRS - 40YRS	1813	1334	562	3710	974	661	601	2237	2182	1469	1023	4676					4970	3466	2187	10623
41YRS - 60YRS	14922	15161	17200	47283	4754	5595	7025	17375	11872	10789	9175	31837					31549	31546	33400	96496
61YRS - 80YRS	9317	12237	16339	37894	4869	7705	16489	29064	7076	7804	9389	24271					21263	27748	42218	91229
81YRS -100YRS	1548	2272	3654	7475	567	1218	3533	5320	438	726	1813	2978					2555	4217	9001	15775
101YRS OR MORE					195	469	4504	5169									195	469	4504	5169
UNEVENAGED STANDS									122	97		219					122	97		219
TOTAL	27637	31006	37755	96400	11383	15695	32266	59345	21841	20958	21456	64257					60862	67660	91478	220002

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E – MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY – SHELBURNE

COVER TYPE AND SITE CLASS	CROWN LAND 4 - 6 DBH	CROWN LAND 7 - 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 - 6 DBH	LARGE OWNERS 7 - 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL	SMALL OWNERS 4 - 6 DBH	SMALL OWNERS 7 - 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	MILITARY RESERVES AND PARKS 7 - 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL	TOTAL 4 - 6 DBH	TOTAL 7 - 9 DBH	TOTAL 10 + UP DBH	TOTAL
SOFTWOOD LAND																				
1																				
2					83	119	155	359									83	119	155	359
3	533	765	1416	2715	208	565	1076	1850	439	551	443	1434					1181	1882	2936	6001
4	9202	9812	15251	34266	5337	7525	20778	33641	10938	9665	10401	31005					25477	27003	46431	98913
5	2502	1535	898	4936	781	497	310	1589	1623	930	484	3038					4907	2964	1693	9565
6																				
TOTAL	12237	12114	17566	41918	6411	8708	22321	37441	13001	11147	11329	35479					31651	31970	51217	114839
MIXEDWOOD LAND																				
1																				
2					16	70	330	417									16	70	330	417
3					187	582	2416	3186									187	582	2416	3186
4	10111	13249	15819	39180	3721	4984	6419	15126	6975	7915	8616	23506					20809	26149	30855	77813
5	599	473	169	1242	81	24		106	86	204	36	326					767	702	205	1675
6																				
TOTAL	10711	13723	15988	40423	4007	5662	9167	18836	7061	8119	8652	23833					21780	27504	33808	83092
HARDWOOD LAND																				
1																				
2					60	47	84	193									60	47	84	193
3	200	177	490	868													200	177	490	868
4	4487	4991	3710	13185	903	1277	692	2873	1777	1692	1474	4944					7169	7960	5877	21007
5																				
6																				
TOTAL	4688	5168	4200	14058	964	1324	777	3066	1777	1692	1474	4944					7431	8185	6452	22069
ALL FOREST LAND																				
1																				
2					160	237	571	969									160	237	571	969
3	734	942	1907	3584	396	1147	3493	5037	439	551	443	1434					1570	2642	5844	10056
4	23801	28053	34781	86636	9962	13787	27890	51641	19691	19272	20492	59457					53456	61113	83164	197734
5	3102	2009	1067	6179	863	522	310	1696	1709	1134	520	3365					5675	3666	1898	11240
6																				
TOTAL	27637	31006	37755	96400	11383	15695	32266	59345	21841	20958	21456	64257					60862	67660	91478	220002

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY SHELBURNE

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O W N E R S H I P   C L A S S

S P E C I E S	CROWN LAND 4 - 6 DBH	CROWN LAND 7 - 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 - 6 DBH	LARGE OWNERS 7 - 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL
WHITE SPRUCE	22	38	79	140	4	14	53	72
SPRUCE-RED + BLACK	11305	9550	4827	25682	4934	6206	7031	18172
FIR	4781	5262	2769	12813	2147	1993	770	4912
HEMLOCK	8	130	1074	1214	159	964	7865	8989
WHITE PINE	921	3166	18138	22226	748	1740	10461	12949
RED PINE		15	90	105	9	42	180	232
LARCH	1723	1742	761	4227	353	252	339	945
JACK PINE								
SCOTCH PINE								
CEDAR								
TOTAL SOFTWOODS	18762	19906	27741	66409	8358	11214	26701	46273
SUGAR MAPLE	2	38		41	23	14	29	67
RED MAPLE	6133	8132	6952	21218	2436	3373	3937	9747
YELLOW BIRCH	49	65	830	944	7	25	96	129
WHITE BIRCH	755	641	342	1739	268	422	373	1064
OAK	1395	1205	1116	3717	161	510	852	1524
ASPEN	492	991	773	2257	105	124	274	504
GREY BIRCH	41	7		48				
WHITE ASH	5	17		23	18	10		28
BLACK ASH								
CHERRY								
ELM								
BEECH					4			4
BALSAM POPLAR								
TOTAL HARDWOODS	8875	11100	10014	29990	3025	4481	5564	13071
MISCELLANEOUS								
TOTAL FOREST LAND	27637	31006	37755	96400	11383	15695	32266	59345

S P E C I E S	SMALL OWNERS 4 - 6 DBH	SMALL OWNERS 7 - 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	MILITARY RESERVES AND PARKS 7 - 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL
WHITE SPRUCE	690	978	868	2537				
SPRUCE-RED + BLACK	9644	7924	3880	21449				
FIR	5402	5246	2622	13271				
HEMLOCK	107	313	1832	2253				
WHITE PINE	382	961	6347	7690				
RED PINE								
LARCH	854	699	266	1820				
JACK PINE								
SCOTCH PINE								
CEDAR								
TOTAL SOFTWOODS	17081	16123	15817	49022				
SUGAR MAPLE	8	14		22				
RED MAPLE	3823	3945	4372	12140				
YELLOW BIRCH	20	20	125	166				
WHITE BIRCH	339	339	139	818				
OAK	194	224	414	833				
ASPEN	363	282	588	1234				
GREY BIRCH	12	7		19				
WHITE ASH								
BLACK ASH								
CHERRY								
ELM								
BEECH								
BALSAM POPLAR								
TOTAL HARDWOODS	4760	4835	5638	15234				
MISCELLANEOUS								
TOTAL FOREST LAND	21841	20958	21456	64257				

S P E C I E S	TOTAL 4 - 6 DBH	TOTAL 7 - 9 DBH	TOTAL 10 + UP DBH	TOTAL
WHITE SPRUCE	717	1030	1002	2750
SPRUCE-RED + BLACK	25884	23681	15738	65304
FIR	12331	12503	6161	30997
HEMLOCK	275	1408	10772	12456
WHITE PINE	2052	5867	34946	42866
RED PINE	9	57	270	338
LARCH	2930	2694	1367	6992
JACK PINE				
SCOTCH PINE				
CEDAR				
TOTAL SOFTWOODS	44201	47244	70260	161706
SUGAR MAPLE	34	68	29	131
RED MAPLE	12393	15451	15261	43106
YELLOW BIRCH	77	111	1051	1239
WHITE BIRCH	1362	1404	855	3621
OAK	1751	1939	2383	6075
ASPEN	960	1398	1636	3996
GREY BIRCH	53	14		66
WHITE ASH	23	28		51
BLACK ASH				
CHERRY				
ELM				
BEECH	4			4
BALSAM POPLAR				
TOTAL HARDWOODS	16661	20416	21218	58296
MISCELLANEOUS				
TOTAL FOREST LAND	60862	67660	91478	220002

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS — TOTALS ALL MUNICIPALITIES

O W N E R S H I P   C L A S S

COVER TYPE AND DENSITY CLASS	CROWN LAND 4 - 6 DBH	CROWN LAND 7 - 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 - 6 DBH	LARGE OWNERS 7 - 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL	SMALL OWNERS 4 - 6 DBH	SMALL OWNERS 7 - 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	MILITARY RESERVES AND PARKS 7 - 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL	TOTAL 4 - 6 DBH	TOTAL 7 - 9 DBH	TOTAL 10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 40(	20314	14853	15766	50934	8630	7565	14260	30457	20869	18887	16790	56547	391	542	1260	2193	50206	41848	48078	140133
41(- 60(	21074	15482	18962	55520	15668	16832	33373	65874	28121	26985	23864	78971	583	660	1991	3235	65448	59961	78192	203602
61(- 80(	12557	10471	13522	36551	18742	22055	34985	75783	23719	23987	23000	70707	176	376	1198	1752	55196	56891	72706	184795
81(-100(	1145	953	1076	3174	1428	2538	8472	12438	2901	3154	6000	12056					5474	6646	15549	27670
OVERSTOCKED					26	124	539	690	262	601	211	1075					289	725	751	1765
TOTAL	55092	41760	49328	146180	44497	49116	91631	185244	75874	73616	69868	219359	1151	1579	4450	7182	176616	166073	215278	557967
MIXEDWOOD LAND																				
UP TO 40(	17041	17516	17658	52217	6263	8410	12788	27463	12795	13955	11946	38697	647	865	1223	2736	36748	40749	43617	121115
41(- 60(	17802	20818	22077	60698	14730	20114	30071	64916	29507	32204	36272	97985	1343	1678	1727	4750	63385	74816	90150	228351
61(- 80(	6693	7643	9123	23460	9163	11116	18202	38483	14193	14931	17061	46187	102	79	231	413	30153	33771	44619	108545
81(-100(					419	80	47	546	298	640	2308	3247					717	721	2355	3794
OVERSTOCKED																				
TOTAL	41538	45979	48859	136376	30577	39722	61110	131410	56795	61733	67589	186119	2093	2623	3182	7859	131004	150058	180742	461806
HARDWOOD LAND																				
UP TO 40(	4556	4827	4370	13754	1467	1598	2530	5596	2257	1844	2165	6267	155	220	266	641	8436	8491	9332	26260
41(- 60(	6623	6681	5532	18838	3852	4120	4588	12561	6406	6229	8461	21097	71	181	89	342	16954	17212	18672	52840
61(- 80(	5417	4932	5127	15477	2830	3472	2846	9150	10687	9576	10787	31050	308	245	232	785	19244	18226	18993	56464
81(-100(	291	160		451	415	499	253	1168	419	432	236	1088					1126	1091	489	2708
OVERSTOCKED																				
TOTAL	16889	16602	15030	48522	8567	9690	10219	28477	19770	18082	21650	59504	535	646	587	1769	45762	45022	47488	138273
ALL FOREST LAND																				
UP TO 40(	41912	37197	37795	116906	16362	17575	29580	63517	35922	34688	30902	101513	1193	1627	2749	5571	95391	91089	101027	287509
41(- 60(	45501	42982	46573	135057	34252	41067	68033	143352	64035	65419	68599	198054	1999	2520	3808	8328	145783	151990	187015	484794
61(- 80(	24669	23047	27772	75489	30737	36645	56034	123417	48600	48496	50849	147946	587	701	1662	2951	104594	108890	136320	349805
81(-100(	1436	1113	1076	3626	2263	3117	8773	14153	3619	4227	8546	16392					7318	8459	18395	34173
OVERSTOCKED					26	124	539	690	262	601	211	1075					289	725	751	1765
TOTAL	113519	104341	113217	331079	83642	98530	162961	345133	152440	153433	159109	464983	3780	4849	8221	16851	353383	361155	443510	1158048

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

TOTALS ALL MUNICIPALITIES

O W N E R S H I P C L A S S

COVER TYPE AND AGE CLASS	CROWN LAND				LARGE OWNERS				SMALL OWNERS				MILITARY RESERVES AND PARKS				TOTAL			
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 20YRS	115	80	77	273	99	101	303	504	354	168	20	543					569	350	402	1322
21YRS - 40YRS	4707	2715	3014	10438	4320	2193	1979	8493	10811	6275	3916	21003					19839	11184	8910	39934
41YRS - 60YRS	30305	22670	23093	76069	13980	12398	13878	40257	38383	35322	25074	98781	421	930	1631	2983	83092	71321	63678	218091
61YRS - 80YRS	16406	13264	15678	45349	19669	25941	48083	93693	23800	28716	33087	85604	711	649	2636	3998	60587	68572	99487	228646
81YRS -100YRS	2619	2344	5180	10143	4696	6187	16487	27371	2232	2913	6846	11992	18		181	200	9568	11445	28695	49709
101YRS OR MORE	205	220	596	1022	1079	1440	8467	10987	166	192	922	1281					1451	1853	9985	13291
UNEVENAGED STANDS	731	463	1686	2882	650	852	2431	3934	123	28		152					1506	1344	4118	6969
TOTAL	55092	41760	49328	146180	44497	49116	91631	185244	75874	73616	69868	219359	1151	1579	4450	7182	176616	166073	215278	557967
MIXEDWOOD LAND																				
UP TO 20YRS	185	93	65	344	16	35	102	153	206	108	91	405					407	237	259	903
21YRS - 40YRS	2357	1708	1368	5434	2031	851	906	3789	5733	3408	2119	11261					10123	5968	4394	20486
41YRS - 60YRS	12108	11102	11330	34540	8526	8938	11215	28681	24271	24096	23485	71854	643	783	1583	3010	45553	44921	47615	138086
61YRS - 80YRS	21917	27085	26501	75503	16914	23823	35985	76723	22944	28221	32215	83382	1450	1839	1599	4889	63227	80970	96301	240499
81YRS -100YRS	3137	4186	6021	13345	2011	4120	7455	13587	2993	5040	8989	17022					8142	13348	22466	43957
101YRS OR MORE	486	339	749	1575	588	1245	3717	5551	199	282	360	842					1274	1866	4828	7969
UNEVENAGED STANDS	1344	1463	2822	5630	487	708	1726	2922	446	574	327	1348					2278	2745	4876	9901
TOTAL	41538	45979	48859	136376	30577	39722	61110	131410	56795	61733	67589	186119	2093	2623	3182	7899	131004	150058	180742	461806
HARDWOOD LAND																				
UP TO 20YRS	35	34		69	18	33	192	245	153	57	150	361					207	125	342	675
21YRS - 40YRS	1258	494	258	2012	346	146	243	736	2767	1452	727	4947	7		42	49	4381	2093	1271	7746
41YRS - 60YRS	8658	7184	4585	20429	3559	3012	2582	9154	11662	8481	9525	29669	308	245	232	785	24189	18923	16926	60039
61YRS - 80YRS	5675	6550	6487	18712	3812	5326	4940	14078	4085	6021	8009	18116	219	401	313	934	13792	18299	19750	51842
81YRS -100YRS	1220	2260	3272	6753	770	1094	2154	4018	1059	1942	3173	6175					3050	5296	8601	16948
101YRS OR MORE	40	78	425	544	59	77	106	243	40	128	63	232					140	283	595	1020
UNEVENAGED STANDS																				
TOTAL	16889	16602	15030	48522	8567	9690	10219	28477	19770	18082	21650	59504	535	646	587	1769	45762	45022	47488	138273
ALL FOREST LAND																				
UP TO 20YRS	335	208	143	687	135	170	597	903	714	333	262	1310					1184	712	1004	2901
21YRS - 40YRS	8324	4918	4641	17885	6698	3191	3129	13019	19313	11136	6762	37212	7		42	49	34344	19246	14576	68167
41YRS - 60YRS	51073	40957	39009	131040	26066	24349	27676	78093	74318	67900	58086	200305	1372	1958	3447	6778	152831	135166	128220	416218
61YRS - 80YRS	43999	46900	48667	139566	40395	55091	89009	184496	50831	62959	73313	187104	2381	2890	4549	9822	137608	167841	215539	520969
81YRS -100YRS	6977	8791	14474	30243	7478	11403	26096	44978	6286	9896	19009	35191	18		181	200	20760	30091	59763	110615
101YRS OR MORE	732	638	1771	3141	1728	2762	12291	16783	406	603	1346	2356					2867	4005	15409	22282
UNEVENAGED STANDS	2076	1927	4509	8513	1138	1560	4158	6857	570	602	327	1500					3785	4090	8995	16871
TOTAL	113519	104341	113217	331079	83642	98530	162961	345133	152440	153433	159109	464983	3780	4849	8221	16851	353383	361155	443510	1158048

ALL FIGURES ARE IN THOUSANDS CU.FT.

ESTIMATE - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES — TOTALS ALL MUNICIPALITIES

OWNERSHIP CLASS

COVER TYPE AND SITE CLASS	CROWN LAND 4 - 6 DBH	CROWN LAND 7 - 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 - 6 DBH	LARGE OWNERS 7 - 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL	SMALL OWNERS 4 - 6 DBH	SMALL OWNERS 7 - 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	MILITARY RESERVES AND PARKS 7 - 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL	TOTAL 4 - 6 DBH	TOTAL 7 - 9 DBH	TOTAL 10 + UP DBH	TOTAL
SOFTWOOD LAND																				
1																				
2	556	1166	3731	5454	119	140	170	430	340	472	386	1199					1016	1779	4288	7084
3	1652	2131	4608	8391	951	1069	1650	3670	8160	9825	9377	27363	224	617	1509	2351	10988	13642	17146	41777
4	41170	33041	38256	112468	38689	45602	87833	172124	59112	58412	58057	175582	927	962	2940	4830	139899	138019	187088	465007
5	11713	5420	2731	19865	4736	2304	1977	9018	8260	4906	2046	15212					24710	12631	6754	44097
6																				
TOTAL	55092	41760	49328	146180	44497	49116	91631	185244	75874	73616	69868	219359	1151	1579	4450	7182	176616	166073	215278	557967
MIXEDWOOD LAND																				
1																				
2					21	84	358	464	7			7					28	84	358	471
3	100	37	22	160	1429	1330	3525	6285	1836	2258	1956	6051					3366	3625	5505	12497
4	37803	42799	46944	127547	28183	37425	56014	121624	51346	55509	62662	169518	2093	2623	3182	7899	119427	138358	168804	426590
5	3633	3141	1893	8668	943	882	1210	3035	3605	3965	2970	10541					8182	7989	6073	22245
6																				
TOTAL	41538	45979	48859	136376	30577	39722	61110	131410	56795	61733	67589	186119	2093	2623	3182	7899	131004	150058	180742	461806
HARDWOOD LAND																				
1									93	91	200	385					93	91	200	385
2					1001	808	974	2784	60	87	53	201					1062	896	1027	2985
3	960	793	940	2694	316	294	81	692	4701	4021	4639	13363					5978	5109	5662	16750
4	15575	15602	14071	45249	7249	8587	9163	25000	14794	13727	16597	45118	535	646	587	1769	38154	38564	40420	117138
5	353	206	18	577					120	155	159	435					473	361	177	1013
6																				
TOTAL	16889	16602	15030	48522	8567	9690	10219	28477	19770	18082	21650	59504	535	646	587	1769	45762	45022	47488	138273
ALL FOREST LAND																				
1									93	91	200	385					93	91	200	385
2	556	1166	3731	5454	1142	1033	1503	3679	408	560	439	1408					2107	2760	5674	10542
3	2713	2962	5571	11247	2697	2693	5258	10648	14698	16104	15974	46778	224	617	1509	2351	20333	22378	28313	71025
4	94549	91443	99272	285265	74122	91616	153012	318750	125253	127650	137317	390221	3556	4232	6711	14500	297481	314942	396313	1008737
5	15700	8769	4642	29111	5679	3186	3187	12054	11986	9027	5176	26190					33366	20983	13006	67356
6																				
TOTAL	113519	104341	113217	331079	83642	98530	162961	345133	152440	153433	159109	464983	3780	4849	8221	16851	353383	361155	443510	1158048

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E – GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

TOTALS ALL MUNICIPALITIES

S P E C I E S	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				MILITARY RESERVES AND PARKS				T O T A L			
	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL	4 – 6 DBH	7 – 9 DBH	10 + UP DBH	TOTAL
WHITE SPRUCE	722	1137	1519	3379	1378	1498	2238	5115	7246	10533	10812	28592	10			10	9357	13169	14571	37069
SPRUCE-RED + BLACK	47210	29546	13453	90210	31551	40965	62947	135464	57733	65357	67470	190561	1179	867	155	2201	137674	136737	144027	418438
FIR	22785	19374	8666	50826	20621	15171	5403	41197	32051	23234	8787	64073	463	406	90	961	75922	58188	22948	157058
HEMLOCK	21	335	1412	1768	1147	3217	18040	22405	1434	4256	13922	19613	28	131	281	441	2632	7940	33657	44229
WHITE PINE	3293	8280	47913	59486	2486	4279	31298	38065	933	2059	10979	13972	528	997	5957	7482	7241	15617	96148	119007
RED PINE	28	192	976	1197	29	62	337	430	3		34	38		29	70	99	61	284	1419	1766
LARCH	7067	6188	2740	15996	1285	1190	984	3460	4394	4414	2439	11249	29	33		62	12776	11827	6164	30768
JACK PINE																				
SCOTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	81128	65055	76682	222866	58501	66387	121250	246139	103796	109856	114448	328101	2240	2465	6555	11261	245666	243764	318937	808368
SUGAR MAPLE	48	100	27	177	931	1097	1205	3233	2629	2795	4673	10098	32			32	3642	3993	5906	13542
RED MAPLE	23442	28943	25790	78176	17456	22175	28010	67642	28027	25132	23215	76374	1020	1493	832	3346	69946	77745	77848	225540
YELLOW BIRCH	217	363	1823	2405	851	1249	4371	6473	3860	4093	6673	14627	4			4	4934	5706	12869	23510
WHITE BIRCH	3214	3185	1518	7918	3379	3352	1414	8145	4782	3168	1611	9563	178	255	94	527	11554	9961	4638	26155
OAK	3498	3989	5495	12983	836	1986	2463	5286	935	1002	1364	3301	255	532	620	1408	5525	751[illegible]	9943	22979
ASPEN	985	2048	1706	4741	323	746	2587	3657	1581	1636	1518	4735	31	84	97	213	2922	4516	5909	13348
GREY BIRCH	211	22		234	40			40	455	68		524					707	91		798
WHITE ASH	27	78	20	126	208	199	232	639	638	665	423	1728	8	8		17	882	952	677	2512
BLACK ASH					12	22	22	57									12	22	22	57
CHERRY	50	66		116	6			6	15	8		24					72	75		147
ELM																				
BEECH	694	486	152	1333	1093	1312	1403	3809	5716	5006	5180	15903	8	8	20	38	7513	6814	6757	21085
BALSAM POPLAR																				
TOTAL HARDWOODS	32391	39286	36535	108213	25138	32143	41710	98992	48644	43577	44660	136882	1540	2384	1665	5590	107714	117390	124573	349678
MISCELLANEOUS					2			2									2			2
TOTAL FOREST LAND	113520	104341	113218	331079	83642	98530	162961	345133	152440	153433	159109	464983	3780	4849	8221	16851	353383	361155	443510	1158049

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

O W N E R S H I P C L A S S

COVER TYPE AND DENSITY CLASS	CROWN LAND 4 - 6 DBH	CROWN LAND 7 - 9 DBH	CROWN LAND 10 + UP DBH	CROWN LAND TOTAL	LARGE OWNERS 4 - 6 DBH	LARGE OWNERS 7 - 9 DBH	LARGE OWNERS 10 + UP DBH	LARGE OWNERS TOTAL	SMALL OWNERS 4 - 6 DBH	SMALL OWNERS 7 - 9 DBH	SMALL OWNERS 10 + UP DBH	SMALL OWNERS TOTAL	MILITARY RESERVES AND PARKS 4 - 6 DBH	MILITARY RESERVES AND PARKS 7 - 9 DBH	MILITARY RESERVES AND PARKS 10 + UP DBH	MILITARY RESERVES AND PARKS TOTAL	TOTAL 4 - 6 DBH	TOTAL 7 - 9 DBH	TOTAL 10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 40(	13611	12691	14568	40871	5849	6483	13117	25451	14036	16227	15452	45717	266	459	1174	1900	33764	35863	44313	113941
41(- 60(	14026	13288	17487	44803	10636	14423	30814	55874	19068	23168	21931	64168	411	567	1854	2833	44143	51448	72088	167680
61(- 80(	8443	8987	12379	29811	12891	18958	32291	64141	16011	20602	21092	57706	120	319	1109	1550	37467	48868	66874	153210
81(-100(	768	812	973	2554	987	2188	7870	11046	1944	2722	5549	10215					3700	5723	14393	23816
OVERSTOCKED					19	104	498	622	187	510	193	891					207	615	691	1514
TOTAL	36850	35780	45410	118041	30385	42159	84593	157137	51249	63232	64219	178701	798	1347	4139	6284	119283	142519	198362	460165
MIXEDWOOD LAND																				
UP TO 40(	11522	14817	16075	42415	4319	7116	11679	23116	8626	11799	10854	31281	440	722	1127	2290	24909	34456	39738	99104
41(- 60(	12253	17610	20168	50032	10095	17047	27453	54596	20055	27346	33104	80506	912	1411	1553	3877	43316	63416	82280	189013
61(- 80(	4618	6445	8340	19404	6267	9430	16686	32385	9612	12676	15628	37918	64	64	209	339	20563	28618	40865	90047
81(-100(					265	67	40	374	195	543	2128	2867					461	610	2169	3242
OVERSTOCKED																				
TOTAL	28394	38873	44584	111852	20948	33663	55860	110472	38490	52366	61717	152575	1417	2199	2890	6507	89251	127102	165054	381408
HARDWOOD LAND																				
UP TO 40(	3073	4018	3936	11028	1012	1325	2278	4615	1474	1537	1945	4957	103	180	234	518	5663	7061	8394	21119
41(- 60(	4432	5533	4971	14937	2623	3404	4176	10204	4164	5156	7615	16936	45	151	78	275	11267	14245	16841	42354
61(- 80(	3590	4068	4583	12243	1914	2870	2574	7359	7076	7920	9718	24715	210	200	209	620	12792	15060	17086	44940
81(-100(	185	135		320	292	411	221	926	280	353	217	851					758	900	439	2097
OVERSTOCKED																				
TOTAL	11282	13755	13491	38529	5843	8012	9250	23106	12996	14967	19497	47461	359	532	522	1414	30482	37267	42762	110512
ALL FOREST LAND																				
UP TO 40(	28207	31527	34580	94315	11181	14925	27076	53183	24138	29565	28253	81956	809	1362	2536	4709	64337	77381	92446	234165
41(- 60(	30713	36432	42628	109773	23356	34876	62443	120676	43289	55670	62651	161611	1369	2131	3486	6986	98727	129110	171211	399049
61(- 80(	16652	19502	25304	61459	21073	31260	51553	103887	32700	41200	46440	120341	396	584	1528	2510	70824	92547	124827	288199
81(-100(	953	947	973	2874	1546	2667	8132	12347	2420	3618	7895	13935					4920	7233	17002	29156
OVERSTOCKED					19	104	498	622	187	510	193	891					207	615	691	1514
TOTAL	76527	88409	103486	268423	57177	83834	149705	290718	102736	130566	145434	378738	2575	4078	7552	14206	239017	306889	406180	952087

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

	O W N E R S H I P C L A S S																			
COVER TYPE AND AGE CLASS	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				MILITARY RESERVES AND PARKS				T O T A L			
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
UP TO 20YRS	77	67	69	214	65	84	270	420	232	141	18	392					375	293	358	1027
21YRS - 40YRS	3131	2317	2769	8218	2835	1868	1790	6494	7094	5369	3583	16047					13061	9555	8142	30760
41YRS - 60YRS	20306	19433	21178	60919	9455	10616	12750	32823	25835	30372	23045	79253	285	794	1501	2581	55883	61217	58476	175577
61YRS - 80YRS	10946	11362	14457	36766	13576	22292	44368	80236	16341	24670	30417	71429	498	552	2463	3514	41362	58878	91707	191947
81YRS -100YRS	1756	2012	4801	8570	3269	5328	15282	23880	1542	2489	6307	10339	14		174	188	6582	9830	26566	42979
101YRS OR MORE	144	186	556	887	740	1236	7872	9850	117	164	845	1127					1003	1586	9275	11866
UNEVENAGED STANDS	486	400	1576	2463	441	732	2257	3430	86	23		110					1013	1156	3834	6004
TOTAL	36850	35780	45410	118041	30385	42159	84593	157137	51249	63232	64219	178701	798	1347	4139	6284	119283	142519	198362	460165
MIXEDWOOD LAND																				
UP TO 20YRS	114	80	58	253	10	29	93	133	135	90	82	307					260	200	233	694
21YRS - 40YRS	1533	1450	1251	4236	1288	727	821	2837	3758	2902	1934	8595					6581	5080	4008	15669
41YRS - 60YRS	8193	9370	10353	27917	5796	7587	10247	23631	16315	20455	21508	58279	419	663	1450	2533	30725	38078	43559	112363
61YRS - 80YRS	15101	22910	24125	62136	11710	20157	32903	64772	15781	23918	29320	69020	997	1535	1440	3973	43590	68522	87790	199903
81YRS -100YRS	2186	3551	5510	11248	1395	3504	6797	11697	2053	4267	8247	14568					5635	11323	20555	37519
101YRS OR MORE	324	286	693	1304	409	1056	3405	4871	139	240	325	705					873	1583	4425	6882
UNEVENAGED STANDS	939	1222	2592	4754	337	598	1591	2527	306	491	298	1096					1583	2312	4481	8378
TOTAL	28394	38873	44584	111852	20948	33663	55860	110472	38490	52366	61717	152575	1417	2199	2890	6507	89251	127102	165054	381408
HARDWOOD LAND																				
UP TO 20YRS	22	28		50	11	27	182	221	97	48	133	278					131	104	316	551
21YRS - 40YRS	779	413	232	1425	220	117	217	556	1716	1201	647	3565	4		37	41	2720	1732	1135	5588
41YRS - 60YRS	5752	5919	4148	15820	2378	2483	2343	7205	7640	6995	8614	23250	210	200	209	620	15982	15598	15316	46897
61YRS - 80YRS	3851	5453	5807	15112	2667	4408	4473	11549	2789	5002	7195	14987	144	331	275	752	9453	15196	17752	42402
81YRS -100YRS	848	1877	2926	5652	523	909	1938	3370	725	1612	2850	5187					2097	4398	7715	14211
101YRS OR MORE	28	63	376	468	41	65	94	202	27	107	55	190					98	237	526	861
UNEVENAGED STANDS																				
TOTAL	11282	13755	13491	38529	5843	8012	9250	23106	12996	14967	19497	47461	359	532	522	1414	30482	37267	42762	110512
ALL FOREST LAND																				
UP TO 20YRS	214	176	127	517	88	141	546	776	464	280	234	979					766	598	908	2273
21YRS - 40YRS	5444	4181	4253	13880	4344	2713	2829	9888	12569	9473	6165	28208	4		37	41	22363	16368	13286	52018
41YRS - 60YRS	34252	34724	35680	104657	17631	20687	25342	63660	49791	57823	53169	160783	916	1658	3161	5736	102591	114894	117353	334838
61YRS - 80YRS	29898	39726	44391	114016	27954	46859	81745	156559	34912	53591	66933	155438	1640	2419	4179	8240	94406	142597	197250	434254
81YRS -100YRS	4792	7441	13238	25471	5188	9742	24017	38948	4320	8369	17406	30096	14		174	188	14316	25553	54837	94706
101YRS OR MORE	498	536	1626	2661	1192	2359	11373	14925	284	512	1227	2024					1975	3408	14227	19610
UNEVENAGED STANDS	1426	1622	4169	7218	778	1330	3848	5957	393	515	298	1207					2597	3469	8316	14382
TOTAL	76527	88409	103486	268423	57177	83834	149705	290718	102736	130566	145434	378738	2575	4078	7552	14206	239017	306889	406180	952087

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

	O W N E R S H I P	C L A S S																		
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				MILITARY RESERVES AND PARKS				T O T A L			
COVER TYPE AND SITE CLASS	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
1																				
2	387	997	3444	4829	83	119	155	359	225	406	357	989					697	1523	3957	6178
3	1127	1833	4240	7200	626	914	1515	3056	5542	8441	8622	22606	155	528	1391	2075	7452	11717	15769	34939
4	27752	28332	35229	91314	26565	39162	81129	146858	40031	50195	53361	143588	643	818	2747	4209	94992	118509	172468	385971
5	7583	4617	2495	14696	3108	1961	1792	6863	5448	4188	1878	11515					16140	10767	6166	33075
6																				
TOTAL	36850	35780	45410	118041	30385	42159	84593	157137	51249	63232	64219	178701	798	1347	4139	6284	119283	142519	198362	460165
MIXEDWOOD LAND																				
1																				
2					16	70	330	417	4			4					20	70	330	421
3	67	31	19	117	921	1134	3247	5303	1234	1904	1785	4924					2223	3070	5051	10345
4	25923	36199	42859	104982	19364	31714	51186	102265	34799	47101	57241	139142	1417	2199	2890	6507	81504	117214	154179	352898
5	2403	2642	1706	6751	646	744	1095	2486	2453	3359	2690	8504					5502	6746	5492	17741
6																				
TOTAL	28394	38873	44584	111852	20948	33663	55860	110472	38490	52366	61717	152575	1417	2199	2890	6507	89251	127102	165054	381408
HARDWOOD LAND																				
1									63	75	179	317					63	75	179	317
2					684	655	874	2214	43	74	47	165					727	730	922	2380
3	648	644	854	2147	208	246	74	530	3107	3309	4194	10611					3964	4201	5123	13290
4	10406	12942	12620	35969	4949	7110	8301	20361	9704	11377	14933	36016	359	532	522	1414	25421	31962	36378	93762
5	227	167	16	412					78	130	142	350					305	298	158	762
6																				
TOTAL	11282	13755	13491	38529	5843	8012	9250	23106	12996	14967	19497	47461	359	532	522	1414	30482	37267	42762	110512
ALL FOREST LAND																				
1									63	75	179	317					63	75	179	317
2	387	997	3444	4829	784	845	1361	2991	272	481	404	1159					1445	2323	5210	8980
3	1843	2509	5113	9465	1757	2295	4837	8890	9884	13656	14602	38143	155	528	1391	2075	13640	18990	25944	58575
4	64082	77474	90710	232267	50880	77987	140618	269485	84535	108675	125537	318747	2420	3550	6161	12131	201918	267687	363026	832633
5	10213	7428	4218	21860	3754	2705	2888	9349	7980	7678	4711	20370					21949	17812	11818	51580
6																				
TOTAL	76527	88409	103486	268423	57177	83834	149705	290718	102736	130566	145434	378738	2575	4078	7552	14206	239017	306889	406180	952087

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

TOTALS ALL MUNICIPALITIES

O W N E R S H I P C L A S S

S P E C I E S	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				MILITARY RESERVES AND PARKS				T O T A L			
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
WHITE SPRUCE	492	976	1388	2857	914	1278	2039	4233	4856	8997	9853	23708	7			7	6271	11252	13281	30806
SPRUCE-RED + BLACK	31056	25325	12419	68801	21183	35361	58421	114966	38537	56271	62426	157235	787	742	142	1671	91564	117701	133409	342679
FIR	16309	17028	8133	41472	14763	13327	5059	33150	23000	20417	8237	51655	328	356	85	771	54402	51130	21516	127049
HEMLOCK	15	288	1292	1596	834	2752	16687	20273	1037	3633	12734	17405	21	112	255	389	1910	6785	30969	39665
WHITE PINE	2314	7118	44447	53880	1733	3676	29074	34484	656	1769	10166	12593	371	859	5536	6766	5075	13425	89224	107725
RED PINE	19	166	897	1084	20	54	313	388	2		32	34		25	64	89	43	246	1307	1557
LARCH	4676	5314	2533	12523	864	1022	902	2789	2942	3791	2250	8984	21	29		50	8505	10157	5686	24348
JACK PINE																				
SCOTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	54885	56218	71112	182216	40314	57472	112498	210286	71035	94881	105701	271618	1537	2125	6084	9746	167772	210698	295397	673868
SUGAR MAPLE	33	82	24	140	631	891	1085	2608	1737	2286	4213	8237	21			21	2424	3260	5323	11008
RED MAPLE	15619	23671	22790	62081	11632	18181	24905	54720	18192	20553	20550	59295	686	1220	729	2636	46130	63627	68976	178734
YELLOW BIRCH	142	296	1662	2101	557	1025	3957	5540	2550	3352	5982	11885	2			2	3252	4674	11602	19529
WHITE BIRCH	2159	2603	1330	6093	2311	2736	1241	6289	3092	2586	1419	7098	123	208	82	414	7688	8134	4073	19896
OAK	2367	3263	4867	10498	573	1627	2179	4380	603	822	1212	2638	174	438	549	1162	3719	6150	8809	18679
ASPEN	689	1740	1547	3977	225	641	2370	3237	1047	1394	1388	3829	19	71	88	180	1982	3848	5395	11225
GREY BIRCH	117	18		135	24			24	270	56		326					413	74		487
WHITE ASH	17	63	17	98	139	161	204	505	421	541	374	1338	5	7		12	583	774	597	1955
BLACK ASH					8	18	19	45									8	18	19	45
CHERRY	34	53		88	3			3	8	6		15					46	60		107
ELM																				
BEECH	461	397	133	991	752	1077	1243	3073	3776	4085	4591	12452	4	7	17	29	4994	5567	5985	16547
BALSAM POPLAR																				
TOTAL HARDWOODS	21642	32190	32374	86207	16862	26362	37206	80430	31701	35685	39733	107119	1038	1952	1468	4459	71244	96191	110783	278218
MISCELLANEOUS					1			1									1			1
TOTAL FOREST LAND	76527	88409	103486	268423	57177	83835	149705	290718	102736	130566	145434	378738	2575	4078	7552	14206	239017	306889	406180	952087

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