WORKING PAPER

Summary of British Columbia Forest Inventory Statistics by Land Administration Class

Volume 1. Cariboo Forest Region

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BRITISH COLUMBIA
Ministry of Forests Research Program

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This Research Program Working Paper is an internal report of interim research results with field applications. It is intended to generate discussion and general feedback.

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Prepared for:
B.C. Ministry of Forests
Research Branch
31 Bastion Square
Victoria, BC v8w 3E7

Copies of this report may be obtained, depending on supply, from:
B.C. Ministry of Forests
Research Branch
31 Bastion Square
Victoria, BC v8w 3E7


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This report provides current, comprehensive, and easy-to-read forest resource statistics for anyone interested in the forest resources in the Province of British Columbia.

The Ministry of Forests' Resources Inventory Branch compiles and maintains forest inventory information (statistics and maps) for all land in the province. This includes federal lands within Timber Supply Areas (TSAs). On Tree Farm Licences (TFLs) the licensee is required to perform the inventory and provide the data according to a standard set by the Forest Service.

Forest cover data are obtained at district and regional levels and are linked with geographic data (base maps, ownership and administrative boundaries) to produce an inventory/database that provides information on the location, areal extent, physical characteristics, and condition of the forest.

The Forest Inventory Program currently maintains approximately 7,000 map sheets at 1:20,000 scale that describe forest, range, and recreation resources. Map sheets are updated for changes every 2 years (Forest Inventory Manual 1992). With the exception of managed forest units, timber inventories are not available for most private land (Determining the Accuracy of Forest Inventories 1993).

Organization of the Report

For administrative purposes, British Columbia is divided into six Forest Regions: Cariboo, Kamloops, Nelson, Prince George, Prince Rupert, and Vancouver. Each region is, in turn, divided into districts.

The information in this report has been organized into six volumes, one volume per Forest Region.

Four reports have been generated for each Timber Supply Area (TSA), Tree Farm Licence area (TFL), and protected area of more than 100 hectares within each Forest Region. Each volume has been subdivided into sections by TSA for areas within TSA boundaries and by TFL or protected area for areas outside TSA boundaries.

Report 1 presents area and volume data for each inventory type group by age class and height class.

Report 2 summarizes area and volume data for all ages by inventory type group by height class.

Report 3 presents area and volume data for all inventory type groups older than 120 years by height class.

Report 4 presents "old-growth" area and volume data by height class for:

- stands with lodgepole pine, whitebark pine, and deciduous species leading older than 120 years (age classes 7, 8, and 9).
- stands of all other coniferous species older than 140 years (age classes 8 and 9).

CONTRIBUTORS

Andy MacKinnon, Research Branch: project leader.

John Brodie, Resources Inventory Branch: assembly and conversion of inventory data, and supervision and assistance with creation.

Marta Buckiewicz and Terry Hamelin, Camosun College co-op students: organization and tabulation of the data. (Marta Buckiewicz also wrote the introduction and assisted in assembling the final report.)

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CONTENTS

Inventory of the forest resource has been an ongoing process since the Forest Service was established in 1912.

Early inventories were based on military reconnaissance surveys. Estimates of volume were made by drainage basin and Forest District (roughly coincident with present Forest Regions).

Procedures and standards have changed substantially since that time.

The first complete inventory of the province, which took place from 1951 to 1957, was intended to provide average statistics for groupings of similar forest types. Sampling was performed in accessible areas and broad forest classification was done through interpretation of aerial photographs (Forest Inventory Manual 1992).

Most of the volume data in the inventory database were collected during the survey done from 1961 to 1977. Aerial photos, supported by stand estimates from helicopter and ground measurements, were used in estimating forest attributes. The major sampling units were management areas referred to as Public Sustained Yield Units (PSYUs). More detailed forest classification was possible due to improvements in the quality and scale of aerial photos. The program was also expanded to identify environmentally sensitive areas (ESAs).

In 1978, inventory standards and procedures were revised to reflect the need to provide more descriptive statistics for smaller geographic areas. The existing database was re-organized to accommodate the switch from Imperial measure to metric and the replacement of Public Sustained Yield Units with Timber Supply Areas (Forest Inventory Manual 1992).

Computerized mapping systems were introduced at this time and the process of converting the map sheets to a digital format was initiated.

Forest inventories continue to depend primarily on aerial photography supported by ground sampling. Growth and yield models are used to estimate timber volumes, and satellite imagery is used to update depletions resulting from harvesting, fire, and damage by insects and disease.

All files in the database used to generate this report have been updated since 1990. Files referred to as "other data" were projected to 1984 for parks and to approximately 1989 for TFLs.

LIMITATIONS OF EXISTING INVENTORIES

Park boundaries for recently created parks have not been digitized in the database. Through a 2-year update cycle, all new boundaries are digitized. Although detailed forest cover information may be reported for the park, it will be included in another administrative unit such as a TSA. Forest cover for some larger, older parks may exist in paper format, but may not be available in digital format.

Since the original survey, most park inventories have not been updated to reflect changes due to natural disturbances such as wildfire, insect damage, or disease.

Differences exist in inventory standards for inventories taken outside the direction of the Forest Inventory Program. Forest classification, and detail and scale of mapping, will vary for units not under forest management. For example, inventory information for federal parks is limited to generalized biophysical mapping, and information for specific forest groups is not available. Inventory data for private lands are largely unavailable.

LAND ADMINISTRATION IN BRITISH COLUMBIA

British Columbia is the third-largest province in Canada, covering an area of approximately 94.8 million hectares (British Columbia Land Statistics 1988).

Most of this land (93%) is publicly owned provincial Crown land. Federal lands consisting of National Parks, Aboriginal Reserves, and Department of Defence and Ministry of Transport lands cover 1 % of the land base. The remaining 6% is privately owned (British Columbia Land Statistics 1989).

About 85% (80.7 million hectares) of British Columbia's total area is Crown land managed by the Ministry of Forests and designated as "provincial forest."

Of the areas designated provincial forest, 43.3 million hectares is productive forest land managed for timber production, recreation, and wildlife. The rest of the provincial forest is alpine, range, and water.

Only half of the productive forest is considered available and suitable for growing commercially harvestable timber. Forest land not presently productive includes areas that are inaccessible, environmentally sensitive, not satisfactorily restocked, or covered by noncommercial tree species.

Forest Tenures

In British Columbia, the right to harvest timber is usually allocated to individuals and forest companies by the provincial government in the form of timber tenures. To facilitate administration of these tenures, the province has been divided into management units referred to as ***Timber Supply Areas*** (**TSAs**) and ***Tree Farm Licence areas*** (**TFLs**).

In ***Timber Supply Areas***, forest companies manage the timber resource according to resource management plans prepared by the Forest Service. The companies are granted the right to harvest a specified volume of timber annually through the issuance of several different types of timber tenures. Each type of tenure has its own specific forest management obligations.

A ***Christmas Tree Permit*** allows the use of Crown land for Christmas tree production.

The ***Tree Farm Licence*** (**TFL**) is an area-based tenure in which forest companies have been delegated "stewardship" responsibilities over an area with fixed boundaries. This includes the right to harvest a specified volume of timber annually and the obligation to carry out most of the forest management activities, which are monitored by the Forest Service. Licensees are required to submit a Management and Working Plan prepared by a Registered Professional Forester for approval by the Chief Forester. The Management and Working Plan must contain an inventory of the forest and recreation resources, a proposed annual cut, and proposals for the management and protection of those resources (Forestry Handbook for British Columbia 1983).

A ***Woodlot Licence*** is similar to a Tree Farm Licence, but the scale of operations is smaller. Any size of private land may be included in the licence, but the Crown land portion must not exceed 400 hectares. Woodlot licences have a term of 15 years and are replaceable every 5 years. As with TFLs, the licensee must submit a Management and Working Plan (Forest Management in British Columbia 1992).

Managed Forest Units are areas of private land that have been classed as "forest land" by the British Columbia Assessment Authority. If managed in accordance with an approved Management Working Plan, which includes an allowable cut and reforestation responsibilities, these lands become eligible for a lower tax assessment. Although forest inventories of these areas are included in the Management Working Plan, they are confidential.

Protected Areas

More than 8 million hectares of land have protected area status in British Columbia. Various levels of government and non-government organizations are involved in the management of these areas.

Management policies and the level of legislative protection received varies for each type of protected area. Some areas are strictly protected with no resource extraction or development permitted. Others allow various degrees of resource extraction such as mineral exploration and development (Protected Areas Strategy 1992).

Federal Programs There are six national parks covering more than 600,000 hectares in British Columbia; two, South Moresby National Park Reserve and Pacific Rim National Park Reserve, have a marine component. Although some biophysical mapping has been completed for several national parks, inventory information is very general and does not provide specific information with respect to the age and height of individual forest types. Detailed

inventories for national parks in the Nelson Region, for instance, are not available.

Two federal wildlife management programs, administered by the Canadian Wildlife Service, operate in the province: migratory bird sanctuaries and national wildlife areas. These areas are designated on both public and private lands and are generally small, covering a total of approximately 5,400 hectares. Most of these sites are located in wetland areas without significant forest cover.

Provincial Programs Most of the protected areas in British Columbia are administered by the Ministry of Environment, Lands and Parks. These areas, which encompass 6.6 million hectares, include provincial parks, recreation areas, wilderness areas, wilderness conservancies, and ecological reserves. Each of these areas is managed by a unique set of administrative conditions.

Class A Provincial Parks prohibit all commercial resource extraction. Special zoning within individual parks can limit access, facility development, and outdoor recreation.

Nature Conservancies within Class A parks are roadless areas reserved for the preservation of representative ecosystems and landforms in their natural state.

Class B Provincial Parks permit commercial resource extraction (i.e., mining).

Class C Provincial Parks are small community parks, often near urban areas, which are gradually being turned over to municipal and regional parks for administration.

Recreation Areas are lands held in park reserve for a minimum period of 10 years to permit mineral and energy resource evaluation. Following this assessment they may be recommended for upgrade to full protection status as Class A parks.

Wilderness Areas are areas of land, usually greater than 1,000 hectares, that retain their natural character and are relatively unaffected by human influences. These areas are designated and managed by the Ministry of Forests. Although commercial logging is prohibited, mining and other commercial activities may be allowed, provided they are compatible with the preservation of wilderness. Hunting, fishing, and trapping may also be permitted (Managing Wilderness in Provincial Forests 1992).

Wilderness Conservancies are roadless areas in which the natural and ecological communities are preserved. Commercial resource extraction such as mining and logging is prohibited, but hunting is permitted.

Ecological Reserves are protected natural areas intended primarily for scientific purposes and educational programs. These areas have been set aside to preserve rare, unique, and endangered native plants and animals in their natural habitats. Ecological reserves receive the highest level of protection and are the areas least subject to human intervention. All commercial and consumptive resource activities are prohibited. Public access is regulated

and recreation is limited to observational activities. Almost half the area protected as ecological reserves is marine or subtidal.

Wildlife Management Areas are lands administered by the Ministry of Environment for the protection of fish and wildlife. These sites are generally small and consist mainly of wetland or grassland habitats. Commercial resource extraction and development may be permitted.

FOREST CLASSIFICATION

Forest land is classified by biophysical characteristics that can be recognized and differentiated on aerial photographs. Land is divided into homogeneous strata based on a set of well-defined criteria, which can be recognized on aerial photographs with a minimum of ground control. Forest and nonforest types (polygons) are digitized and their respective descriptions are entered onto attribute files.

For inventory purposes, 28 commercial and 11 non-commercial tree species are recognized in British Columbia. A single, uppercase letter describes each genus and an upper- and lowercase letter describes the genus and species respectively.

The 28 commercial tree species are grouped into 42 associations or Inventory Type Groups (ITGs). These groups are assigned a numeric code and named according to the dominant or leading species represented in that area. A stand will occasionally contain two almost equal species. The resulting type group name then combines both the leading and secondary species (Forest and Range Resource Analysis 1984).

Inventory Type Groups with common leading species can be combined into growth types.

Growth types are defined as follows:

TYPE GROUPS	GROWTH TYPES
1 – 8	Douglas-fir
9 – 11	Western redcedar or yellow-cedar
12 – 17	Hemlock
18 – 20	True Firs
21 – 26	Spruce
27	Western white pine
28 – 31	Lodgepole pine
32	Ponderosa pine
33 – 34	Larch
35 – 42	Deciduous

Individual trees are aged based on ring counts. The age of a stand of trees is calculated as the average age, in years, of the dominant and co-dominant trees for the leading species. Even-aged stands will have small age differences (less than 20 years) between individual trees whereas uneven-aged stands will exhibit a variable age pattern. Stands are assigned an age class code from 1 to 9. From 1 to 7 the class intervals are 20 years. Age class 8 contains stands from 141 years to 250 years and age class 9 includes all trees older than 250 years.

AGE CLASS	AGE RANGE (Years)
1	1 – 20
2	21 – 40
3	41 – 60
4	61 – 80
5	81 – 100
6	101 – 120
7	121 – 140
8	141 – 250
9	251 +

Height or "top height" of a stand of trees is measured as the average height, in metres, of the dominant and codominant trees for the leading species. Stand height is an important measure of productivity and is strongly correlated with volume. The height range of a stand of trees is grouped into approximately 10-metre intervals, referred to as height classes.

HEIGHT CLASS	HEIGHT RANGE (Metres)
1	0 – 10.4
2	10.5 – 19.4
3	19.5 – 28.4
4	28.5 – 37.4
5	37.5 – 46.4
6	46.5 – 55.4
7	55.5 – 64.4
8	64.5 +

Although a single, generally accepted definition of old-growth forest does not exist, working definitions to identify old-growth forests are needed. Age and height are important structural criteria used in identifying mature and old-growth forests using the existing forest cover database (An Old Growth Strategy for British Columbia 1992).

Stands with lodgepole pine, whitebark pine, or a deciduous species leading are considered mature at 81 years. Otherwise, all stands with conifers other than lodgepole pine and whitebark pine as the leading species are mature when the stand age is greater than 120 years.

For this report, stands with most conifer species leading, greater than 140 years in age were considered old growth. Stands with lodgepole pine or deciduous species leading were considered old growth at more than 120 years of age.

Area is the land surface measured in hectares. One hectare (10,000 square metres) is equivalent to 2.4 acres.

Volume is the amount of wood in a tree, stand, or other specified area. The unit of measurement is cubic metres. As an example, there are about two and a half cubic metres in a telephone pole.

Volumes in this report are estimates only. More current volume calculations are used in inventory and planning for forest management purposes.

Volume may be a gross total, which is the volume of the main stem, including the stump and top as well as defective and decayed wood. Gross merchantable volume refers to the volume of the main stem, excluding the stump and top but including defective and decayed wood. Net merchantable volume is used in this report and includes the main stem and excludes a 30 cm stump, the top above a 10-cm diameter, and only includes trees with a diameter greater than 17.5 cm at 1.3 m above germination. An allowance is also made for decay, waste, and breakage. Volumes in this report were calculated using the projected age of the stand, its site index, and stocking class with coefficients based on the stand's geographic area and its inventory type group. Other coefficients based on location are used to determine utilization.

Volume per hectare refers to the volume of wood, less decay, waste, and breakage, per hectare, calculated for the specific area. In the following reports, volume per hectare was calculated to more significant figures than were the area and volume figures. On small areas, division may not result in identical numbers. Minor discrepancies in totals may also occur due to rounding error.

FUTURE OF FOREST INVENTORY IN BRITISH COLUMBIA

The Forest Resources Inventory is a dynamic inventory that will continue to develop and improve over time. The following is the Forest Inventory Program's vision for the future.

The Forest Resources Inventory, a geo-referenced repository of current and historic, comprehensive, accurate, and consistent forest resources data, will provide support for the complex integrated resource management decisions facing the people of British Columbia.

The forest inventory will provide an ecologically based resource inventory to a minimum standard and allow for enhanced inventories of higher standards where required. The inventory will be stand based and flexible, to meet changing client needs. It will allow for change reporting, monitoring, and independent accuracy assessments to ensure effective planning and management of the province's forests. This program will support and be consistent with the vision of the Forest Productivity Council of British Columbia:

"to be able to consistently and accurately predict the growth, yield and quality of British Columbia's forests under any resource management regime.'

The Forest Resources Inventory will comply with the standards of the government-wide Land Information Infrastructure (LandData BC), which facilitates the sharing of land-related information with our clients.

Each Forest District will continuously house and manage its own seamless, integrated forest resources database, including field data capture, update, and quality control. Spatial and attribute data will be captured and managed in an integrated manner to ensure data integrity and to support the seamless view of forest resources data.

As new technologies are introduced to meet changing demands, the Forest Resources Inventory Branch will provide assistance for training, planning, monitoring, and applications development. This will be encouraged through effective communication among staff at all program levels (A Five Year Strategic Plan Commencing 1993/94).

METHODOLOGY

Introduction

The first phase of the provincial inventory program consisted mainly of management unit surveys, designed to provide average statistics for aggregated forest types. By 1978, the entire province was covered with this Level 2 inventory and, subsequently, emphasis was placed on obtaining more detailed information on portions of management units, called sub-units. A major requirement from this detailed inventory was that descriptive data (such as tree volumes) be reliable not only for aggregated types, but in terms of individual forest stands.

During the past 10 years, in addition to sub-unit inventories, the main emphasis has been placed on upgrading the Level 2 information on forest populations that were previously sampled inadequately, on digitizing forest cover maps, and on monitoring depletions with the use of satellite imagery.

In 1988, funds were allocated for the implementation of a provincial re-inventory program and for the completion of the digital conversion of the remaining forest cover maps.

This paper contains an overview of the re-inventory program, including brief descriptions of the operational Geographic Information System (GIS) and satellite image analysis update procedures.

Management Unit Inventories

The classification system used prior to 1978 stratified land into homogeneous strata on 1:15,840 aerial photographs. Areas within management units were first divided into two broad classes: non-forest and forest land. The non-forest land was further subdivided into areas with and without cover. Areas with cover included such types as lowland, alpine, swamp, and other non-productive forest and brush. Areas without cover included productive open range, cultivated and urban areas, and wild meadows, as well as non-productive barren lands and water. Forest land, on the other hand, was strati-

fied as mature, immature, not satisfactorily restocked, mature residual, and non-commercial forest land. The mature and immature forest types were further classified by species, age, height, stocking, and site. Species composition was by gross volume, using 20% limits for 20-year classes up to 140 years; the next two classes were 141–250 and 251+ years. Height was put into 9-metre (30-foot) classes. Stocking classes were relatively broad, grouping all immature stands into one class. Stands with 25–75% disturbance were classed mature residual, while stands without any major disturbance were divided into two groups on the basis of having more or less than 76 trees (27.5+ cm dbh) per hectare (this class further included some refinements for relationships of dominants and co-dominants, using four main classes). The not-satisfactorily-restocked description was applied to denuded areas that do not meet minimum stocking requirements of approximately 750 healthy, well-distributed seedlings or juvenile stems per hectare. Areas with 26_75% disturbance that still supported remnants of the original forest were classed as mature residual, whereas the non-commercial forest classification applied mainly to deciduous brush growing on productive sites. In addition to the above classification, some disturbances or activities (if any) were recorded for each stratum, such as those caused by fire, logging, insects, diseases, windfall, slide, ice, snow, and humans.

In 1973, the inventory program was expanded to include the identification of environmentally sensitive areas that should be protected from harvesting, as well as areas that need special consideration in terms of multiple resource use. Timber production constraints recognized by this program include soil and steepness problems, regeneration or plantation constraints, inoperability, avalanche and snow chute hazards, high recreational values, and essential habitat for wildlife and fish.

The sampling system used in the management unit inventories was a kind of stratified random sampling. Mature forest types were grouped into 42 inventory types, immature stands were grouped into 17 growth types, and two or four fixed-radius plots were collected in each type with the objective of providing an average volume for the particular management unit. Since sample compilations occurred at the end of the field season, adequate control could not be implemented on the optimization of the number of samples per sub-population. Consequently, some aggregated types contained as few as two samples, while the major types contained up to 100 random samples.

The initial design of the sampling system was efficient and delivered the required information for management decisions. However, as adjacent management units were completed, the sampling design was not adjusted to include applicable samples from other management units, especially those belonging to the same ecological region. As a result, in some populations up to 1,000 samples were collected, while other aggregated types were not sampled adequately. Another major weakness of the sampling system was that the classification parameters did not explain the high degree of variation in volume within the aggregated types. Therefore, the increased number of

samples had a beneficial effect only on the sampling error, but did not improve the capability of estimating the volume of individual stands. This was largely due to the effect of the broad class intervals on the parameters of the classification system, especially the stocking classes.

The sub-unit inventory system, started in 1977, introduced some major changes in classification, sampling, and data analysis. In particular, the class intervals were abolished and the classification parameters were measured in continuous units. Species composition (to the nearest 10%), age in years, and height in metres was recorded; the stocking classes were changed to stems per hectare or to crown closure to the nearest 10%. Also, the sample design was changed to a multi-phase sampling system in order to capitalize on large-scale photo samples at Phase 1, then still utilize all the available ground samples at Phase 2. This new approach allowed the use of regression estimators for volume calculations. Site index of each stand could be calculated from age and height, then volume was estimated through a regression equation with age, site index, and crown closure or stems per hectare as independent variables.

The 10-Year Re-inventory Program: 1988–1998

The objectives of the re-inventory program are to develop and maintain a quantitative description of the forest resources in the province, and to assess the land for its potential for growing trees continuously, producing livestock and wildlife, providing forest-oriented recreation, and accommodating other forest uses.

Components of the re-inventory program are described in detail in the Forest Inventory Manual and the highlights are summarized briefly as follows.

Classification Using 1:15,000 scale aerial photographs, the land is stratified into homogeneous strata with a minimum size of 5 hectares. Each stratum is then given a unique number within a 6' x 12' BCGS mapsheet, and the attribute list is filled out according to the specifications of the classification system.

Land is first divided into three broad classes: non-forest land, non-productive land, and productive forest land. Non-forest land is further subdivided as productive open range, cultivated and urban areas, wild meadows, non-productive barren lowland, alpine, swamp, and other non-productive forest and brush. Land is stratified as productive forest if it can provide the greatest contribution to the social and economic welfare of the province when it is maintained, under forest management, in successive crops of trees or forage, or both. Productive forest land is then described in terms of the following parameters.

1. **Species composition**: is identified to the nearest 10% of total volume when trees are equal to or greater than 7.5 cm dbh, or to the nearest 1%, if practical. When trees are less than 7.5 cm dbh species composition is recorded to the nearest 10% by number of stems.

2. **Age**: is estimated to the nearest year, based on the average total age of the leading species, using dominants defined as the 100 largest trees per hectare.
3. **Height**: is estimated to the nearest 0.1 metre when practical, otherwise to the nearest 1 metre, based on the leading species, using dominants defined as the 100 largest trees per hectare.
4. **Crown closure**: is estimated to the nearest 10% of the area occupied by the canopy, through vertical projections, of the trees equal to or greater than 7.5 cm dbh.
5. **Stand density**: is estimated or measured to the nearest stem per hectare of the trees equal to or greater than 7.5 cm dbh.
6. **History**: is described according to the specifications of the Silviculture Branch and includes disturbances, site preparation, stand tending, and regeneration.
7. **Environmental sensitivity**: is described to reflect the environmental, social, economic, and technological factors in force at the time of the inventory. In particular, the following factors are recognized:
   Soil sensitivity (*Es*): is given to strata on fragile or unstable soils, which are likely to be subject to severe deterioration if trees are removed by harvesting.
   Plantation or regeneration sensitivity (*Ep*): is designated when reforestation may be difficult and the delay could be 20 years or more, following disturbance such as harvesting or fire.
   Avalanche sensitivity: is recognized in cases where lack of disturbance prevents or constrains the occurrence of snow avalanche, hence protecting artificial features and natural resources.
   Recreation sensitivity (*Er*): is designed for strata with recreational values that are sensitive to environmental modification, particularly timber harvesting.
   Wildlife habitat sensitivity (*Ew*): is given to strata with wildlife habitat value that warrants management consideration and/or protection.
   Watershed sensitivity (*Eh*): is designated for strata where watersheds or drainage systems require special management considerations and/or protection, in order to maintain water quality and quantity.
   Fisheries sensitivity (*Ef*): is recognized for strata where stream systems must be managed or protected for fish populations.
8. **Inoperable problem areas**: are strata containing merchantable or potentially merchantable timber, but because of some physical barrier or other limitations, are considered inoperable in terms of current harvesting techniques.

Sampling The main objective of sampling is to obtain an estimate of the parameters specified under classification, or of the variables that may be derived from them. In the case of forest land, the main derived variable is volume, which needs to be estimated at an allowable sampling error of plus or minus 10% at a 95% confidence interval.

The sampling system selected for the re-inventory is a multi-phase stratified random sampling, using large-scale aerial photo plots and ground samples within the context of double sampling. Since most of the province has been sampled previously, the sampling system was designed to take advantage of the existing inventory data and ground samples. Area summaries by major strata, and scattergrams of existing ground samples, can provide valuable information for the planning and implementation of re-inventories. In particular, such data may be used to identify the strata that have not been sampled previously, such as second growth and deciduous stands. In addition, existing samples provide reliable estimates of sample variances and, hence, can be used to calculate the number of sample variances that may be required within each major stratum. Components of the sampling system are summarized as follows:

Phase 1 samples: are large-scale, 1:200 – 1:2,000 aerial photo plots distributed randomly or in a restricted random manner. Random distribution of photo samples may be achieved by selecting candidate strata, with the aid of random numbers, within the entire management unit, sub-unit, or map sheet. The number of candidate strata to be selected depends on the intensity of sampling and the existing variation within major strata. Experience indicated that in an average management unit of 150 map sheets (each map sheet being 12° longitude and 6° latitude at 1:20,000 scale, covering approximately 14,000 hectares), four to six strata should be selected randomly per map sheet to provide the required accuracy and precision; in an average sub-unit (consisting of about 20 map sheets at 1:20,000), on the other hand, up to 30 photo samples may be required per map sheet to estimate the volume of each major stratum at ± 10% sampling error at the 95% confidence level. In addition, strata containing previous samples are automatically chosen for Phase 1 sampling.

In each stratum selected at Phase 1, a strip is located randomly, along which continuous stereo photos are obtained, using twin Hasselblad 70 mm cameras mounted at a fixed distance apart on an aerial camera platform attached to a helicopter. In most cases, the photo interpreter is in the helicopter when the photos are taken and records air calls to aid in species identification and in the estimation of age and height. Six fixed-radius plots are then randomly selected along each strip to constitute the Phase 1 photo samples. Data obtained on the photo plots include species identification, stem count, height, crown diameter, crown length, estimation of quality, and assessment of crown closure. With the aid of these variables, volumes are estimated for each of the six plots and averaged for the sample. As the inventory proceeds, photo plots are subjected to statistical analyses in order to ensure that all major strata are sampled, but without oversampling. As soon as the required accuracy is obtained in a stratum, the remaining stereo photos are then used only for photo-interpretation or classification purposes.

Phase 2 samples: are ground samples selected in a restricted random manner from the photo samples with the purpose of covering the range of variation encountered in photo samples. The ratio of photo samples to ground

samples is governed by the strength of the relationship between the two samples and the corresponding costs. Experience indicates that this ratio is 4:1, although it may be as great as 10:1. However, if preliminary tests indicate that the relationship between Phase 1 and Phase 2 samples is weak, then Phase 1 samples may be discontinued or used only for classification purposes.

Measurements on ground samples include dbh, age, height, and pathological and quality indicators for each tree, as well as species identification and measurement of crown closure. While ground samples consist mainly of six points located along a line across the stratum, where the in-trees are selected with the aid of a relascope, fixed-radius plots are recommended for types wherein a large portion of the trees are below the minimum diameter. In the case of point samples, the band is selected with the objective of obtaining 30 to 70 trees per six-point sample. Similarly for fixed-radius plots, the objective is to obtain about 100 trees on six plots, hence plot size is selected accordingly.

Sample compilation and application: Volumes at Phase 1 and 2 are compiled at close utilization, then compared in terms of double sampling, using regression equations. For this comparison, all previously collected ground samples are used and the values of photo samples are "corrected" with the appropriate regression equation. Next, volume equations are developed with the pooled sample database, using age, site index, and crown closure or stems per hectare as independent variables. These regressions are developed for each species, based on pure stands, then applied to the mixed species samples by prorating the species composition. The purpose of this exercise is to evaluate the synergistic or antagonistic relationships that may exist between the various species growing in mixtures. Next, the single-species volume equations are applied to each polygon and prorated in terms of species compositions. For example, if species A contributes 70% to the stand, the pure species volume equation for species A is multiplied by 0.7 in order to adjust for the species composition.

Hence, the sample database is linked to the individual stands or polygons through a refined classification system, rather than through average volumes by aggregated types. For this reason, volumes can be calculated on stand-specific bases.

Digital Conversion Based on the data obtained from interpreted aerial photographs and samples, individual polygons are described in terms of the classification system. These descriptions are entered into an attribute file and referenced through the unique numbers. The classification system is applied consistently in a horizontal (strata) and vertical (layers) plane, hence a separate description is given for each layer of multi-story stands.

If the re-inventory is implemented in an area where the forest cover maps have been previously digitized, then the boundaries of polygons can be entered directly from photographs onto the digital file. Otherwise, all relevant layers of information must be converted into digital form. Procedures for digitization are documented in the Forest Inventory Manual.

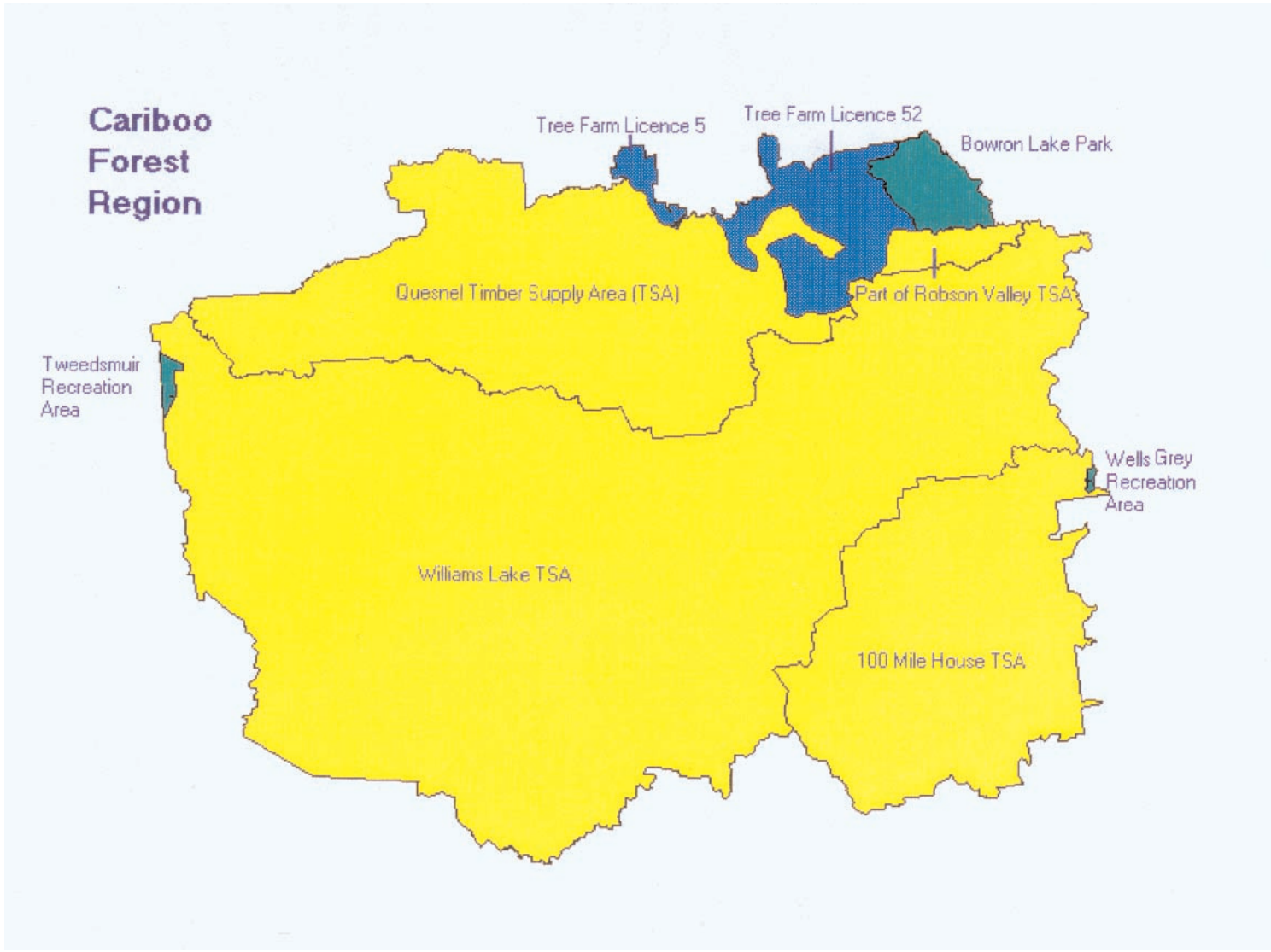
The geo-referenced forest land information consists of up to 19 levels of overlays, including forest cover, cadastre, information on other resources, and various levels of administrative boundaries. These levels are overlaid with the aid of a geographic information system and the areas of resultant polygons are linked to the volume files.

Inventory Update

In addition to the 10-year inventory program, all maps are updated on a 2-year cycle, using satellite imagery. Hence, 3,300 maps need to be updated annually. These updates include changes since the last inventory, such as harvesting, fire, and damage by insects and disease. During these updates, any available information on stand treatments and history are also entered into the database.

Areas reported, areas not reported, and total area (hectares): Cariboo Region

	Reported from Database	Not Reported	Total Area
Timber Supply Areas			
100 Mile House Timber Supply Area	1,195,713		1,195,713
Quesnel Timber Supply Area	1,704,082		1,704,082
Williams Lake Timber Supply Area	4,875,234		4,875,234
Robson Valley Timber Supply Area	47,620		47,620
Kamloops Timber Supply Area	29,697		29,697
Prince George Timber Supply Area	1,074		1,074
Tree Farm Licences			
Tree Farm Licence 5, Mackenzie – Cariboo		34,375	34,375
Tree Farm Licence 52, Bowron – Cottonwood	195,568		195,567
Military Training Area (In database, but missed reporting it)		41,903	41,903
Protected Areas Reported On			
Wells Gray Recreation Area	3,329		3,329
White Pelican Provincial Park	1,237		1,237
Ecological Reserve 053 Narcosli Lake	1,075		1,075
Barkerville Heritage Property	583		583
Protected Areas Not Reported On			
Barkerville Provincial Park	48		48
Bowron Lake Provincial Park	12,841	101,419	114,259
Cariboo Region Totals	8,055,259	76,279	8,131,537


Cariboo
Forest
Region
Tree Farm Licence 5
Tree Farm Licence 52
Bowron Lake Park
Quesnel Timber Supply Area (TSA)
Part of Robson Valley TSA
Tweedsmuir
Recreation
Area
Wells Grey
Recreation
Area
Williams Lake TSA
100 Mile House TSA

Section A

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
Physical Land Base and Administration
Area (ha)

Physical Land Base		Area Totals
Productive Forest		1,019,584
Lake	54,642	
Open range	42,643	
Swamp or muskeg	33,803	
Clearing	25,728	
Non-productive brush	12,864	
Alpine	10,695	
Alpine forest	8,064	
Non-productive	5,977	
Meadow	2,824	
Urban	2,179	
Rock	974	
River	328	
Clay bank	249	
Gravel bar	26	200,995
Total for the 100 Mile House Timber Supply Area		1,220,579

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
Physical Land Base and Administration
Area (ha)

Administration of Land Base			Area Totals
Land under Private Administration			
Crown Granted			120,127
Land under Provincial Administration			
Area in a Timber Supply Area (62C)			
In a Provincial Forest	1,037,675		
Not in a Provincial Forest	27,703	1,065,378	
Miscellaneous reserves (69N)			
In a Provincial Forest	10,739		
Not in a Provincial Forest	1,669	12,408	
Woodlots			
Private land	1,212		
Provincial Crown land	4,170	5,382	
Miscellaneous Areas			
UREP Reserves: Use, Recreation, and Enjoyment of the Public		5,990	
Park equivalent or reserve including Recreation Areas, Regional Parks, Heritage Sites and Wildlife Management Reserve		1,675	
Christmas tree permits		1,611	
Miscellaneous leases (rod & gun etc) not defined		644	
class A provincial parks			
1034 Green Lake Park (Multi Site)	296		
512 Chasm Provincial Park	142		
1014 Downing Provincial Park	113		
1001 Cariboo Nature Provincial Park	96		
616 Ruth Lake Provincial Park	34		
537 Lac La Hache Provincial Park	24		
510 Canim Beach Provincial Park	5		
673 Loon Lake Provincial Park	3		
787 Big Bar Lake Provincial Park	1		
class A provincial park (park not named)	384	1,099	
141 Lac La Hache		4	
865 Ecol. Res. 065 Chasm		187	1,094,377
Land under Federal Administration			
Aboriginal reserves			6,074
Total for the 100 Mile House Timber Supply Area			1,220,579

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 1 **More than 80% Douglas-fir**									
Zero to 10.4	**2,381**	**11,646**	**8,488**	**1,253**	**176**	**35**	**24**	**68**		**24,071**
	536	4,691	10,068	5,512	1,212	26	31	179		22,254
	0	0	1	4	7	1	1	3		1
10.5 to 19.4	**43**	**1 ,334**	**7,312**	**6,884,**	**5,899**	**9,482**	**4,109**	**8,940**	**378**	**44,381**
	7,271	35,597	126,834	295,621	286,004	630,060	205,629	387,177	16,590	1.990,782
	169	27	17	43	49	67	50	43	44	45
19.5 to 28.4			**71**	**1,366**	**3,194**	**2,994**	**2,206**	**50,199**	**5,623**	**65,597**
			6,353	158,431	466,834	450,651	372,320	7,486,507	992,342	9,933,437
			90	116	149	151	169	149	177	151
28.5 to 37.4					**236**	**666**	**147**	**6,094**	**1,532**	**8,675**
					66,043	215,199	57,958	1,891,960	511,643	2,742,802
					280	323	393	311	334	316
37.5 to 46.4								**34**	**28**	**63**
								19,974	17,234	37,208
								584	607	594
ITG 1 Totals	**2,424**	**12,980**	**15,871**	**9,503**	**9,451**	**13,177**	**6,486**	**65,334**	**7,561**	**142,787**
	7,807	40,288	143,254	459,564	820,093	1,295,936	635,937	9,785,796	1,537,809	14,726,484
	3	3	9	48	87	98	98	150	203	103

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 2 **Douglas-fir with western white pine second**									
Zero to 10.4	**41**	**202**								**243**
	69	10,692								10,761
	2	53								44
10.5 to 19.4		**177**	**91**	**41**	**19**	**25**				**353**
		41,701	3,265	2,357	1,536	2,296				51,155
		236	36	57	81	91				145
19.5 to 28.4					**20**	**114**		**172**		**305**
					4,484	27,828		27,619		59,931
					228	244		161		196
28.5 to 37.4						**7**			**8**	**15**
						2,861			2,643	5,503
						397			339	367
ITG 2 Totals	**41**	**378**	**91**	**41**	**39**	**146**		**172**	**8**	**915**
	69	52,393	3,265	2,357	6,020	32,984		27,619	2,643	127,349
	2	138	36	57	156	225		161	339	139
	ITG 3 **Douglas-fir with hemlock or fir second**									
Zero to 10.4	**97**	**465**								**562**
	56	8,802								8,858
	1	19								16
19.5 to 28.4					**47**					**47**
					9,569					9,569
					205					205

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 4 **Douglas-fir with spruce second**									
Zero to 10.4	**864**	**1,551**	**123**	**4**						**2,541**
	8,115	28,686	2,488							39,289
	9	19	20							16
10.5 to 19.4	**22**	**93**	**550**	**259**	**182**	**802**	**29**	**154**		**2,091**
	9,948	5,482	27,320	17,038	14,542	70,816	2,847	15,250		163,244
	446	59	50	66	80	88	97	99		78
19.5 to 28.4				**161**	**792**	**2,476**	**598**	**3,119**	**384**	**7,529**
				24,923	159,555	527,497	149,395	733,186	79,820	1,674,375
				155	202	213	250	235	208	222
28.5 to 37.4				**33**	**111**	**1,026**	**187**	**1,198**	**70**	**2,623**
				11,723	41,618	404,725	84,021	455,601	21,114	1,018,803
				360	376	395	450	380	302	388
37.5 to 46.4								**37**		**37**
								27,184		27,184
								743		743
ITG 4 Totals	**886**	**1.644**	**673**	**456**	**1,084**	**4 303**	**814**	**4,507**	**454**	**14,821**
	18,063	34,168	29,808	53,684	215,715	1,003,039	236,263	1,231,222	100,933	2,922,895
	20	21	44	118	199	233	290	273	222	197
	ITG 5 **Douglas-fir with lodgepole pine second**									
Zero to 10.4	**3,414**	**14,574**	**5,693**	**1,381**	**7**	**0**	**51**	**25**		**25,144**
	7	7,201	14,741	10,208	47	5				32,208
		1	3	7	7	23				1
10.5 to 19.4	**9**	**2,715**	**8,950**	**5,573**	**5,034**	**6,264**	**1,043**	**3,412**		**33,000**
	3	48,583	215,978	265,655	282,497	348,790	79,419	170,435		1,411,361
	0	18	24	48	56	56	76	50		43
19.5 to 28.4		**69**		**1,232**	**4,648**	**8,329**	**3,598**	**36,969**	**1,920**	**56,765**
		8,436		140,447	689,228	1,201,175	666,221	4,475,694	214,252	7,395,456
		123		114	148	144	185	121	112	130
28.5 to 37.4			**163**		**262**	**681**	**51**	**2,312**	**309**	**3,779**
			57,281		64,766	205,712	18,274	615,083	67,965	1,029,081
			351		247	302	360	266	220	272
ITG 5 Totals	**3,422**	**17,358**	**14,80**	**8,186**	**9,951**	**15,275**	**4,742**	**42,718**	**2,229**	**118,687**
	10	64,220	288,000	416,310	1,036,538	1,755,686	763,914	5,261,212	282,216	9,868,106
	0	4	19	51	104	115	161	123	127	83

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 6 **Douglas-fir with ponderosa pine second**									
Zero to 10.4	**37**	**61**		**17**	**35**			**6**		**155**
				83						83
				5						1
10.5 to 19.4				**133**	**88**	**97**	**70**	**3,224**	**10**	**3,622**
				7,017	2,620	5,230	3,777	174,593	567	193,803
				53	30	54	54	54	57	54
19.5 to 28.4							**100**	**2,159**	**206**	**2,465**
							19,574	274,026	43,169	336,769
							195	127	210	137
28.5 to 37.4								**7**		**7**
								1,203		1,203
								165		165
ITG 6 Totals	**37**	**61**		**150**	**123**	**97**	**170**	**5,396**	**216**	**6,250**
				7,100	2,620	5,230	23,351	449,822	43,736	531,858
				47	21	54	137	83	203	85
	ITG 7 **Douglas-fir with larch second**									
19.5 to 28.4					**7**					**7**
					1,320					1,320
					178					178

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)

By inventory type group and height class area (ha), volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 8 **Douglas-fir with deciduous second**									
Zero to 10.4	**732**	**1,615**	**115**	**56**						**2,518**
		1,641	454	283						2,378
		1	4	5						1
10.5 to 19.4		**194**	**1,032**	**697**	**1,189**	**735**	**29**	**40**		**3,915**
		912	35,163	41,782	58,824	39,788	1,526	1.028		179,022
		5	34	60	50	54	53	26		46
19.5 to 28.4		**1**	**106**	**476**	**799**	**545**	**247**	**886**		**3,060**
			14,583	52,424	119,084	76,269	46,706	126,296		435,364
			138	110	149	140	189	143		142
28.5 to 37.4					**270**	**194**	**35**	**197**	**11**	**707**
					61,910	46,382	11,503	58,211	3,143	181,149
					230	239	327	295	297	256
ITG 8 Totals	**732**	**1,809**	**1,253**	**1,229**	**2,257**	**1,474**	**311**	**1,124**	**11**	**10,200**
		2,553	50,201	94,489	239,618	162,438	59,735	185,535	3,143	797,913
		1	40	77	106	110	192	165	297	78
	ITG 9 **More than 80% western red cedar or yellow cedar**									
Zero to 10.4	**94**	**2**	**8**							**104**
	258	33	84							375
	3	14	11							4
10.5 to 19.4							**12**	**19**		**31**
							632			632
							52			21
19.5 to 28.4						**17**		**144**	**229**	**390**
						1,016		12,686	24,497	38,199
						62		88	107	98
28.5 to 37.4						**9**		**146**	**635**	**789**
						3,061		29,630	189,802	222,493
						340		203	299	282
ITG 9 Totals	**94**	**2**	**8**			**26**	**12**	**309**	**864**	**1,315**
	258	33	84			4,077	632	42,316	214,299	261,699
	3	14	11			160	52	137	248	199

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 10 **Western red cedar or yellow cedar with Douglas-fir or larch second**									
Zero to 10.4	**22**	**174**	**8**							**203**
	19	874	34							927
	1	5	5							5
10.5 to 19.4		**29**		**60**				**40**		**129**
		1,684		5291				1,358		8,333
		59		88				34		65
19.5 to 28.4								**14**	**41**	**55**
								927	9,713	10,640
								67	237	194
28.5 to 37.4									**70**	**70**
									21,656	21,656
									311	311
ITG 10 Totals	**22**	**203**	**8**	**60**				**54**	**111**	**457**
	19	2,559	34	5,291				2,286	31,369	41,556
	1	13	5	88				43	283	91
	ITG 11 **Western red cedar or yellow cedar with hemlock, fir, or spruce second**									
Zero to 10.4	**77**	**69**								**147**
	5	258								263
	0	4								2
19.5 to 28.4								**35**	**132**	**166**
								6,506	31,615	38,121
								186	240	229
28.5 to 37.4								**49**	**205**	**254**
								17,388	67,714	85,102
								356	331	335
ITG 11 Totals	**77**	**69**						**84**	**336**	**567**
	5	258						23,894	99,329	123,486
	0	4						285	295	218

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 18 **More than 80% fir**									
Zero to 10.4	**742**	**326**	**33**					**45**		**1,145**
	3,460	1,323	383							5,167
	5	4	12							5
10.5 to 19.4				**256**	**349**	**131**		**2,407**		**3,142**
				25,417	25,494	12,628		193,193		256,732
				99	73	96		80		82
19.5 to 28.4					**123**	**159**	**119**	**1,211**		**1,613**
					24,925	35,844	30,381	328,615		419,765
					202	225	255	271		260
28.5 to 37.4						**29**				**29**
						9,988				9,988
						348				348
ITG 18 Totals	**742**	**326**	**33**	**256**	**472**	**319**	**119**	**3,663**		**5,929**
	3,460	1,323	383	25,417	50,419	58,459	30,381	521,809		691,652
	5	4	12	99	107	183	255	142		117
	ITG 19 **Fir with hemlock or cedar second**									
Zero to 10.4	**12**		**27**							**38**
	152		342							494
	13		13 1							13

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 20 **Fir with spruce second**									
Zero to 10.4	**776**	**651**	**77**	**35**	**159**		**52**	**21**		**1,771**
	555	2,357	322		86					3,320
	1	4	4		1					2
10.5 to 19.4				**51**	**975**	**339**	**348**	**1,921**	**48**	**3,682**
				4,806	103,745	39,794	32,322	252,260	6,805	439,732
				95	106	118	93	1131	141	119
19.5 to 28.4					**884**	**992**	**186**	**4,041**	**247**	**6,350**
					173,375	234,276	35,610	1,074,424	95,370	1,613,055
					196	236	191	266	387	254
28.5 to 37.4					**43**	**169**	**11**	**8**		**231**
					15,731	58,725	5,826	3,674		83,956
					363	348	545	465		364
ITG 20 Totals	**776**	**651**	**77**	**85**	**2,061**	**1,499**	**597**	**5,991**	**295**	**12,034**
	555	2,357	322	4,806	292,937	332,794	73,758	1,330,358	102,175	2,140,063
	1	4	4	56	142	222	123	222	346	178
	ITG 21 **More than 80% spruce**									
Zero to 10.4	**3,903**	**506**	**357**	**203**	**16**	**26**	**7**	**439**		**5,457**
			3,710	519	476					4,705
			10	3	31					1
10.5 to 19.4		**10**	**2**	**555**	**998**	**696**	**205**	**440**	**5**	**2,911**
			116	88,143	150,641	109,300	40,775	29,238	303	418,515
			72	159	151	157	199	66	56	144
19.5 to 28.4			**65**	**77**	**1,177**	**1,314**	**1,620**	**3,239**	**48**	**7,540**
			6,682	18,521	284,008	398,299	645,745	1,208,649	16,459	2,578,363
			102	240	241	303	399	373	347	342
28.5 to 37.4				**69**	**1,281**	**825**	**929**	**5,719**	**37**	**8,861**
				21,850	434,588	360,044	490,506	2,791,473	22,245	4,120,706
				316	339	436	528	488	595	465
37.5 to 46.4					**8**			**1,081**	**44**	**1,133**
					3,778			768,780	24,069	796,626
					466			711	546	703
ITG 21 Totals	**3,903**	**516**	**424**	**904**	**3,480**	**2,862**	**2'761**	**10,918**	**134**	**25,902**
			10,507	129,033	873,491	867,643	1,177,025	4,798,140	63,076	7,918,915
			25	143	251	303	426	439	469	306

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 22 **Spruce with Douglas-fir, larch or p. pine second**									
Zero to 10.4	**419**	**421**	**36**							**877**
	472	6,002	777							7,250
	1	14	21							8
10.5 to 19.4		**17**	**12**	**1,685**	**266**	**154**	**118**	**132**		**2,383**
		1,438	2,329	306,332	34,643	23,498	22,245	15,390		406,075
		85	201	182	131	153	189	117		170
19.5 to 28.4				**6**	**1,003**	**1,433**	**435**	**659**	**27**	**3,563**
				1,573	234,625	365,880	157,861	184,768	9,651	954,358
				271	234	255	363	281	354	268
28.5 to 37.4				**5**	**713**	**1,629**	**198**	**772**		**3,316**
				1,994	239,237	827.145	101,838	326,581		1,496,796
				416	336	508	515	423		451
37.5 to 46.4					**19**			**27**		**46**
					8,896			18,490		27,386
					471			693		601
ITG 22 Totals	**419**	**438**	**48**	**1,696**	**2,001**	**3,215**	**751**	**1,569**	**27**	**10,185**
	472	7,440	3,106	309,899	517,602	1,216,523	281,943	545,229	9,651	2,891,865
	1	17	65	183	259	378	376	343	354	284
	ITG 23 **Spruce with hemlock or western red cedar second**									
Zero to 10.4	**20**									**20**
19.5 to 28.4								**94**	**1**	**94**
								18,631	105	18,736
								199	210	189
28.5 to 37.4				**35**				**904**	**6**	**945**
				14,494				352,418	2,042	368,954
				415				390	329	390
37.5 to 46.4								**17**	**50**	**67**
								9,139	30,168	39,307
								534	606	588
ITG 23 Totals	**20**			**35**				**1,015**	**57**	**1,126**
				14,494				380,187	32,315	426,997
				415				375	572	379

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 24 **Spruce with fir second**									
Zero to 10.4	**1,244**	**1,240**	**105**		**312**			**9**		**2,910**
		5,839	2.317		10,128					18.284
		5	22		33					6
10.5 to 19.4				**592**	**957**	**173**	**38**	**457**		**2,218**
				83,467	126,354	26,674	5,153	31,163		272,751
				141	132	154	135	68		123
19.5 to 28.4				**14**	**7,207**	**388**	**240**	**7,765**	**1,059**	**10,673**
				3,702	260,340	98,537	66,341	2.370,911	340,218	3,140,048
				266	216	254	277	305	321	294
28.5 to 37.4					**1,467**	**949**	**30**	**5,435**	**1,443**	**9323**
					517,801	362,515	15,333	2.169,736	582,342	3.647,726
					353	382	513	399	404	381
37.5 to 46.4								**34**	**48**	**81**
								22,849	32,065	54,914
								678	675	676
ITG 24 Totals	**1,244**	**1,240**	**705**	**606**	**3,942**	**1,509**	**308**	**13,701**	**2,550**	**25,205**
		5,839	2,317	87,169	914,623	487,666	86,826	4,594,658	954,625	7,733,723
		5	22	144	232	323	282	335	374	283

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 25 **Spruce with lodgepole pine second**									
Zero to 10.4	**980**	**28**	**424**	**21**	**5**			**141**		**1,599**
		75	3,350	96	97					3,618
		3	8	5	20					2
10.5 to 19.4			**42**	**877**	**567**	**695**	**223**	**575**		**2,978**
			3,155	111,490	70,205	95,825	42,692	87,525		410,892
			76	127	124	138	192	152		138
19.5 to 28.4			**23**	**20**	**1,767**	**5,311**	**1,952**	**2,571**	**45**	**11,688**
			2,078	3,916	392,594	1,410,667	618,880	704,557	11,437	3,144,129
			91	198	222	266	317	274	256	269
28.5 to 37.4				**21**	**649**	**3,015**	**929**	**834**	**29**	**5,476**
				6,365	205,349	1,128,708	422,501	354,621	9.135	2,126,678
				308	317	374	455	425	321	388
37.5 to 46.4					**20**					**20**
					9,020					9,020
					451					481
ITG 25 Totals	**980**	**28**	**488**	**938**	**3,008**	**9,021**	**3,104**	**4,122**	**73**	**21,762**
		75	8,583	121,867	677,265	2,635200	1,084,072	1,146,703	20,572	5,694,337
		3	18	130	225	292	349	278	281	262

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 26	**Spruce with deciduous second**									
Zero to 10.4	**159**	**108**	**78**							**344**
			435							435
			6							1
10.5 to 19.4			**61**	**433**	**346**	**371**	**164**	**44**		**1,419**
			6,581	56,721	40,559	56,778	28,862	5,135		194,035
			107	131	117	151	176	117		137
19.5 to 28.4			**45**	**23**	**1,222**	**1,336**	**682**	**455**		**3,763**
			3,991	4,449	255,462	321,774	201,881	123,111		910,668
			89	193	209	241	296	271		242
28.5 to 37.4				**31**	**322**	**199**	**118**	**57**		**727**
				9,439	94,217	65,631	43,797	14,903		227,987
				307	293	330	371	261		314
37.5 to 46.4					**2**					**2**
					875					875
					417					417
ITG 26 Totals	**159**	**108**	**184**	**487**	**1,892**	**1,907**	**964**	**556**		**6,255**
			11,007	70,609	391,113	443,582	274,540	143,149		1,333,999
			60	145	207	233	285	257		213
ITG 27	**Western white pine or whitebark pine with any species second**									
Zero to 10.4								**235**		**235**
10.5 to 19.4					**113**			**31**		**145**
								1,052		1,052
								34		7
19.5 to 28.4				**23**					**16**	**39**
									3,990	3,990
									253	103
ITG 27 Totals				**23**	**113**			**266**	**16**	**418**
								1,052	3,990	5,042
								4	253	12

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 28 **More than 80% lodgepole pine**									
Zero to 10.4	**29,747**	**4,257**	**5,242**	**8,947**	**501**	**124**	**104**	**73**		**48,994**
	4,531	34	491	106,294	2,969	75	1,878	192		116,464
	0		0	12	6	1	18	3		2
10.5 to 19.4	**158**	**1,739**	**13,534**	**26,158**	**25,405**	**49,731**	**22,351**	**9,927**		**149,004**
	1,718	20,364	238,240	2,117,899	2,453,036	5,596,751	2,847,307	1,402,084		14,677,39
	11	12	18	81	97	113	127	141		99
19.5 to 28.4		**14**	**13**	**8,726**	**29,678**	**45,168**	**17,946**	**12,018**	**5**	**113,568**
		740	1,580	1,424,817	7,601,159	12,223,895	4,826,894	3,499,145	1,828	29,580,05
		55	122	163	256	271	269	291	381	261
28.5 to 37.4					**8**	**159**	**353**			**520**
					5,188	112,483	233,864			351,534
					649	706	662			676
ITG 28 Totals	**29,905**	**6,010**	**18,789**	**43,831**	**55,592**	**95,183**	**40,755**	**22,018**	**5**	**312,087**
	6,249	21,138	240,311	3,649,010	10,062,352	17,933,204	7,909,943	4,901,421	1,828	44,725,45
	0	4	13	83	181	1188	194	223	381	143
	ITG 29 **Lodgepole pine with Douglas-fir, ponderosa pine or larch second**									
Zero to 10.4	**5,020**	**4,032**	**1,225**	**1,698**	**48**	**248**	**2**	**70**		**12,342**
	10,612	3,580	3,469	20,805		108	18	331		38,923
	2	1	3	12		0	10	5		3
10.5 to 19.4		**2,461**	**4,921**	**3,921**	**7,386**	**7,176**	**3,440**	**1,798**		**31,102**
		90,724	130,117	314,372	800,383	610,700	340,887	183,492		2,470,67
		37	26	80	108	85	99	102		79
19.5 to 28.4		**95**		**2,104**	**9,996**	**10,441**	**3,082**	**3,117**	**16**	**28,852**
		5,624		361,539	3,035,057	2,319,525	574,683	580,364	6,683	6,883,475
		59		172	304	222	187	186	415	239
28.5 to 37.4			**33**			**113**				**145**
			3,044			61,718				64,762
			93			549				446
ITG 29 Totals	**5,020**	**6,588**	**6,179**	**7,723**	**17,429**	**17,977**	**6,524**	**4,986**	**16**	**72,440**
	10,612	99,928	136,631	696,717	3,835.439	2,992,051	915,587	764,187	6,683	9,457,83
	2	15	22	90	220	166	140	153	415	131

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
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Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 30	**Lodgepole pine with spruce, hemlock, fir, cedar, or western white pine second**									
Zero to 10.4	**3,556**	**320**	**51**	**215**	**116**	**428**	**45**	**211**		**4,942**
	2,374	114	100	2,619		405		47		5,659
	1	0	2	12		1		0		1
10.5 to 19.4	**16**	**134**	**818**	**847**	**3,407**	**2,539**	**1,212**	**1,334**	**33**	**10,342**
	110	3,164	24.619	70,674	571,552	226,956	93,744	112,402	4,684	1,107,904
	7	24	30	83	168	89	77	84	142	107
19.5 to 28.4				**1,482**	**8,808**	**22,098**	**2,603**	**1,861**		**36,852**
				261,345	2,823,909	5,851,503	577,551	529,313		10,043,621
				176	321	265	222	284		273
28.5 to 37.4					**62**	**462**	**125**	**194**		**843**
					32,333	235,910	68,809	110,137		447,190
					522	511	550	568		531
ITG 30 Totals	**3,573**	**454**	**870**	**2,544**	**12,393**	**25,527**	**3,985**	**3,600**	**33**	**52,978**
	2,484	3,278	24,719	334,638	3,427,794	6,314,774	740,105	751,899	4,684	11,604,374
	1	7	28	132	277	247	186	209	142	219
ITG 31	**Lodgepole pine with deciduous second**									
Zero to 10.4	**8,437**	**2,325**	**121**	**562**	**24**					**11,469**
	1,226			2,444	170					3,840
	0			4	7					0
10.5 to 19.4	**7**	**719**	**5,693**	**4,844**	**4,401**	**2,368**	**758**	**218**		**19,008**
	71	2,627	123,140	301,798,	385,102	153,524	46,228	17,361		1,029,851
	10	4	22	62	88	65	61	80		54
19.5 to 28.4		**63**		**5,043**	**12,582**	**10,953**	**3,263**	**457**	**5**	**32,366**
		514		862,492	2,187,044	1,544,692	430,137	64,459	782	4,890,120
		8		131	174	141	132	141	166	151
28.5 to 37.4						**142**				**142**
						50,836				50,836
						358				358
ITG 31 Totals	**8,444**	**3,107**	**5,814**	**10,449**	**17,007**	**13,464**	**4,021**	**675**	**5**	**62,985**
	1,297	3,140	123,140	966,733	2,572,317	1,749,053	476,364	81,820	782	5,974,646
	0	1	21	93	151	130	118	121	166	95

100 Mile House Timber Supply Area

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Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 32 **Ponderosa pine leading with any species second**									
Zero to 10.4	**1**	**43**		**214**						**257**
				1,005						1,005
				5						4
10.5 to 19.4				**61**	**134**	**190**	**90**	**2,351**		**2,827**
				1,809	8,666	12,799	4,330	80,255		107,859
				30	65	68	48	34		38
19.5 to 28.4					**4**			**1,359**	**339**	**1,702**
					471			97,451	24,761	122,683
					124			72	73	72
ITG 32 Totals	**1**	**43**		**275**	**138**	**190**	**90**	**3,711**	**339**	**4,786**
				2,814	9,137	12,799	4,330	177,707	24,761	231,547
				10	66	68	48	48	73	48
	ITG 34 **Larch with any species second except Douglas-fir**									
Zero to 10.4	**3**									**3**
	ITG 35 **Cottonwood with any coniferous species second**									
Zero to 10.4	**34**									**34**
19.5 to 28.4				**16**		**9**	**4**			**29**
				2,523		1,554	616			4,693
				160		167	150			161
28.5 to 37.4									**6**	**6**
									1,849	1,849
									289	289

100 Mile House Timber Supply Area

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Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 36 **Cottonwood with any deciduous species second**									
Zero to 10.4	**8**	**33**								**41**
10.5 to 19.4		**3**								**3**
		71								71
		24								24
19.5 to 28.4					**40**	**19**	**20**			**79**
					6,503	2,688	813			10,005
					162	144	40			126
28.5 to 37.4						**28**	**21**	**3**		**52**
						5,216	4,840	575		10,640
						185	237	192		206
ITG 36 Totals	**8**	**36**			**40**	**47**	**41**	**3**		**175**
		71			6,503	7,904	5,663	575		20,717
		2			162	169	139	192		118
	ITG 40 **Birch with any species second**									
Zero to 10.4	**188**	**59**								**247**
		118								118
		2								1
10.5 to 19.4		**76**	**57**	**228**	**236**	**2**				**604**
		2,151	522	8,014	8,978	264				19,929
		28	9	35	38	41				33
19.5 to 28.4			**408**	**142**	**1,145**	**208**				**1,903**
			29,639	13,215	210,449	30,926				284,229
			73	93	184	149				743
28.5 to 37.4					**6**					**6**
					2,360					2,360
					429					429
ITG 40 Totals	**188**	**135**	**465**	**370**	**1,387**	**214**				**2,759**
		2,269	30,162	21,229	221,787	31,191				306,637
		17	85	56	60	146				111

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 41	**Aspen with any coniferous species second**									
Zero to 10.4	**4,574**	**927**	**8**	**316**	**41**	**7**				**5,872**
					65	24				89
					2	4				
10.5 to 19.4		**410**	**1,211**	**4,096**	**6,434**	**1,836**	**444**	**28**		**14,457**
		10,349	17,687	132,476	231,271	70,011	17,846	1,215		480,854
		25	15	32	36	38	40	44		33
19.5 to 28.4			**440**	**2,124**	**6,672**	**3,569**	**645**	**32**		**13,481**
			27,695	181,409	1,155,242	447,299	77,573	4.045		1,893,263
			63	85	173	125	120	125		140
28.5 to 37.4				**20**		**268**	**29**			**317**
				4,095		69,258	6,983			80,336
				207		258	242			254
ITG 41 Totals	**4,574**	**1,337**	**1,659**	**6,555**	**13,146**	**5,680**	**1,117**	**60**		**34,127**
		10,349	45,382	317,980	1,386,578	586,592	102,401	5,260		2,454,542
		8	27	49	105	103	92	88		72I
ITG 42	**Aspen with any deciduous species second**									
Zero to 10.4	**809**	**346**	**12**	**472**	**5**					**1,644**
	30				7					37
					1					
10.5 to 19.4		**107**	**625**	**2,982**	**5,015**	**1,496**	**209**	**26**		**10,460**
		2,531	5,523	83,366	162,433	57,519	8,187	1,031		320,590
		24	9	28	32	39	39	40		31
19.5 to 28.4			**137**	**1,440**	**2,913**	**1,673**	**134**	**27**		**6,324**
			7,412	98,574	447,862	177,197	12,567	3,547		747,159
			54	68	154	106	94	131		118
28.5 to 37.4					**10**	**72**	**12**			**94**
					3,117	7,480	631			11,228
					315	104	52			119
ITG 42 Totals	**809**	**453**	**774**	**4,893**	**7,944**	**3,240**	**356**	**53**		**18,522**
	30	2,531	12,935	181,940	613,419	242,196	21,385	4,578		1,079,014
	0	6	17	37	77	75	60	87		58

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	All ITG **Totals for 100 Mile House Timber Supply Area**									
Zero to 10.4	**68,390**	**45,980**	**22,228**	**15,392**	**1,443**	**868**	**285**	**1,341**		**155,927**
	32,475	82,321	43,565	149,866	15,256	643	1,927	749		326,803
	1	2	2	10	11	1	7	1		2
10.5 to 19.4	**255**	**10,217**	**44,910**	**61,233**	**69,401**	**85,304**	**34,891**	**37,517**	**475**	**344,204**
	19,121	267,377	960,590	4,341,543	5,819,285	8,189,340	3,824,406	3,162,637	28,949	26,613,248
	75	26	21	71	64	96	110	84	61	77
19.5 to 28.4		**241**	**1,307**	**24,473**	**88,674**	**119,546**	**39,681**	**132,604**	**10,341**	**416,867**
		15,314	100,013	3,414,301	20,543,101	27,748,996	9,511,746	23,935,438	1,906,691	87,175,598
		64	77	140	232	232	240	181	184	209
28.5 to 37.4			**196**	**213**	**5,438**	**10,642**	**3,174**	**23,936**	**4,354**	**47,952**
			60,325	69,961	1,784,257	4,233,594	1,566,694	9,195,042	1,501,442	18,411,315
			308	329	328	398	494	384	345	384
37.5 to 46.4					**49**			**1,229**	**170**	**1,448**
					22,569			866,415	103,536	992,521
					460			705	610	685
Totals	**68,645**	**56,438**	**68,642**	**101,310**	**165,005**	**216,361**	**78,031**	**196,627**	**15,339**	**966,398**
	51,596	365,012	1,164,493	7,975,671	28,184,468	40,172,573	14,904,773	37,160,281	3,540,618	133,519,485
	1	6	17	79	171	186	191	189	231	138
Area with no forest cover or no typing available										**229,315**
Total area										**1,195,713**

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)

By inventory type group and height class area (ha), volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1	**More than 80% Douglas-fir**								
	24,071	**44,381**	**65,597**	**8,675**	**63**				**142,787**
	22,254	1,990,782	9,933,437	2,742,802	37,208				14,726,484
	1	45	151	316	594				103
ITG 2	**Douglas-fir with western white pine second**								
	243	**353**	**305**	**15**					**915**
	10,761	51,155	59,931	5,503					127,349
	44	145	196	367					139
ITG 3	**Douglas fir with hemlock or fir second**								
	562		**47**						**608**
	8,858		9,569						18,427
	16		205						30
ITG 4	**Douglas-fir with spruce second**								
	2,541	**2,091**	**7,529**	**2,623**	**37**				**14,821**
	39,289	163,244	1,674,375	1,018,803	27,184				2,922,895
	16	78	222	388	743				197
ITG 5	**Douglas-fir with lodgepole pine second**								
	25,144	**33,000**	**56,765**	**3,779**					**118,687**
	32,208	1,411,361	7,395,456	1,029,081					9,868,106
	1	43	130	272					83
ITG 6	**Douglas-fir with ponderosa pine second**								
	155	**3,622**	**2,465**	**7**					**6,250**
	83	193,803	336,769	1,203					531,858
	1	54	137	165					85
ITG 7	**Douglas-fir with larch second**								
			7						**7**
			1,320						1,320
			178						178

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)							Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 8	**Douglas-fir with deciduous second**								
	2,518	**3,915**	**3,060**	**707**					**10,200**
	2,378	179,022	435,364	181,149					797,913
	1	46	142	256					78
ITG 9	**More than 80% western red cedar or yellow cedar**								
	104	**31**	**390**	**789**					**1,315**
	375	632	38,199	222,493					261,699
	4	21	98	282					199
ITG 10	**Western red cedar or yellow cedar with Douglas-fir or larch second**								
	203	**129**	**55**	**70**					**457**
	927	8,333	10,640	21,656					41.556
	5	65	194	311					91
ITG 11	**Western red cedar or yellow cedar with hemlock, fir, or spruce second**								
	147		**166**	**254**					**567**
	263		38,121	85,102					123,486
	2		229	335					218
ITG 18	**More than 80% fir**								
	1,145	**3,142**	**1,613**	**29**					**5,929**
	5,167	256,732	419,765	9,988					691,652
	5	82	260	348					117
ITG 19	**Fir with hemlock, western red cedar, or yellow cedar second**								
	38								**38**
	494								494
	13								13
ITG 20	**Fir with spruce second**								
	1,771	3,682	6,350	231					12,034
	3,320	439,732	1,613,055	83,956					2,140,063
	2	119	254	364					178

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 21	**More than 80% spruce**								
	5,457	**2,911**	**7,540**	**8,861**	**1,133**				**25,902**
	4,705	418,515	2,578,363	4,120,706	796,626				7,918,915
	1	144	342	465	703				306
ITG 22	**Spruce with Douglas-fir, larch or ponderosa pine second**								
	877	**2,383**	**3,563**	**3,316**	**46**				**10,185**
	7,250	406,075	954,358	1,496,796	27,386				2,891,865
	8	170	268	451	601				284
ITG 23	**Spruce with hemlock or western red cedar second**								
	20		**94**	**945**	**67**				**1,126**
			18,736	368,954	39,307				426,997
			199	390	586				379
ITG 24	**Spruce with fir second**								
	2,910	**2,218**	**10,673**	**9,323**	**81**				**25,205**
	18,284	272,751	3,140,048	3,647,726	54,914				7,133,723
	6	123	294	391	676				283
ITG 25	**Spruce with lodgepole pine second**								
	1,599	**2,978**	**11,688**	**5,476**	**20**				**21,762**
	3,618	410,892	3,144,129	2,126,678	9,020				5,694,33
	2	138	269	388	451				262
ITG 26	**Spruce with deciduous second**								
	344	**1,419**	**3,763**	**727**	**2**				**6,255**
	435	194,035	910,668	227,987	875				1,333,999
	1	137	242	314	417				213
ITG 27	**Western white pine or whitebark pine with any species second**								
	235	**145**	**39**						**418**
		1,052	3,990						5,042
		7	103						12

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 28	**More than 80% lodgepole pine**								
	48,994	**149,004**	**113,568**	**520**					**312,087**
	116,464	14,677,399	29,580,058	351,534					44,725,456
	2	99	261	676					143
ITG 29	**Lodgepole pine with Douglas-fir, ponderosa pine or larch second**								
	12,342	**31,102**	**28,852**	**145**					**72,440**
	38,923	2,470,674	6,883,475	64,762					9,457,834
	3	79	239	446					131
ITG 30	**Lodgepole pine with spruce, hemlock, fir, cedar, or w. w. pine second**								
	4,942	**10,342**	**36,852**	**843**					**52,978**
	5,659	1,107,904	10,043,621	447,190					11,604,374
	1	107	273	531					219
ITG 31	**Lodgepole pine with deciduous second**								
	11,469	**19,008**	**32,366**	**142**					**62,985**
	3,840	1,029,851	4,890,120	50,836					5,974,646
	0	54	151	358					95
ITG 32	**Ponderosa pine leading with any species second**								
	257	**2,827**	**1,702**						**4,786**
	1.005	107,859	122,683						231,547
	4	38	72						48
ITG 34	**Larch with any species second except Douglas-fir**								
	3								**3**
ITG 35	**Cottonwood with any coniferous species second**								
	34		**29**	**6**					**70**
			4,693	1,849					6,542
			161	289					93

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 36	**Cottonwood with any deciduous species second**								
	41	**3**	**79**	**52**					**175**
		71	10,005	10,640					20,717
		24	126	206					118
ITG 40	**Birch with any species second**								
	247	**604**	**1,903**	**6**					**2,759**
	118	19,929	284,229	2,360					306,637
	1	33	149	429					111
ITG 41	**Aspen with any coniferous species second**								
	5,872	**14,457**	**13,481**	**317**					**34,127**
	89	480,854	1,893,263	80,336					2,454,542
		33	140	254					72
ITG 42	**Aspen with any deciduous species second**								
	1,644	**10,460**	**6,324**	**94**					**18,522**
	37	320,590	747,159	11,228					1,079,014
		31	118	119					58
Totals for 100 Mile House Timber Supply Area									
	155,927	**344,204**	**416,867**	**47,952**	**1,448**				**966,398**
	326,803	26,613,248	87,175,598	18,411,315	992,521				133,519,485
	2	77	209	384	685				138

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 3: All Inventory Type Groups Older than 120 Years

(Age classes 7, 8, and 9)

	Height class (m)							Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1	**More than 80% Douglas-fir**								
	92	**13,427**	**58,027**	**7,773**	**63**				**79,381**
	210	609,395	8,851,169	2,461,560	37,208				11,959,542
	2	45	153	317	594				151
ITG 2	**Douglas-fir with western white pine second**								
			172	**8**					**179**
			27,619	2,643					30,262
			161	339					169
ITG 4	**Douglas-fir with spruce second**								
		183	**4,101**	**1,454**	**37**				**5,775**
		18,097	962,401	560,736	27,184				1,568,418
		99	235	386	743				272
ITG 5	**Douglas-fir with lodgepole pine second**								
	75	**4,455**	**42,487**	**2,672**					**49,689**
		249,855	5,356,166	701,321					6,307,342
		56	126	263					127
ITG 6	**Douglas-fir with ponderosa pine second**								
	6	**3,304**	**2,465**	**7**					**5,782**
		178,937	336,769	1,203					516,909
		54	137	465					89
ITG 8	**Douglas-fir with deciduous second**								
		69	**1,133**	**243**					**1,445**
		2,553	173,003	72,858					248,413
		37	153	300					172
ITG 9	**More than 80% western red cedar or yellow cedar**								
		31	**374**	**780**					**1,185**
		632	37,183	219,432					257,247
		20	100	281					217

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 3: All Inventory Type Groups Older than 120 Years

(Age classes 7, 8, and 9)

	Height class (m)								Totals
	0 to 10.4	10.5-19.4	19.5-28.4	28.5-37.4	37.5-46.4	46.5-55.4	55.5-64.4	64.5+	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 10	**Western red cedar or yellow cedar with Douglas-fir or larch second**								
		40	**55**	**70**					**164**
		1,358	10,640	21,656					33,654
		34	194	311					205
ITG 11	**Western red cedar or yellow cedar with hemlock, fir, or spruce second**								
			166	**254**					**420**
			38,121	85,102					123,222
			229	335					293
ITG 18	**More than 80% fir**								
	45	**2,407**	**1,330**						**3,782**
		193,193	358,997						552,190
		80	270						146
ITG 20	**Fir with spruce second**								
	73	**2,318**	**4,474**	**19**					**6,884**
		291,387	1,205,404	9,501					1,506,291
		126	269	511					219
ITG 21	**More than 80% spruce**								
	446	**650**	**4,907**	**6,685**	**1,125**				**13,813**
		70,316	1,870,853	3,304,224	792,848				6,038,241
		108	381	494	705				437
ITG 22	**Spruce with Douglas-fir, larch or ponderosa pine second**								
		249	**1,121**	**970**	**27**				**2,367**
		37,635	352,280	428,419	18,490				836,823
		151	314	442	693				354
ITG 23	**Spruce with hemlock or western red cedar second**								
			94	**910**	**67**				**1,072**
			18,736	354,460	39,307				412,503
			199	389	588				385

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 3: All Inventory Type Groups Older than 120 Years

(Age classes 7, 8, and 9)

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 24	**Spruce with fir second**								
	9	**496**	**9,064**	**6,908**	**81**				**16,558**
		36,316	2,777,469	2,767,411	54,914				5,636,110
		73	306	401	676				340
ITG 25	**Spruce with lodgepole pine second**								
	141	**798**	**4,568**	**1,792**					**7,298**
		130,217	1,334,874	786,256					2,251,347
		163	292	439					308
ITG 26	**Spruce with deciduous second**								
		208	**1,137**	**175**					**1,520**
		33,997	324,991	58,700					417,689
		164	286	335					275
ITG 27	**Western white pine or whitebark pine with any species second**								
	235	**31**	**16**						**282**
		1,052	3,990						5,042
		34	253						18
ITG 28	**More than 80% lodgepole pine**								
	177	**32,278**	**29,969**	**353**					**62,778**
	2,071	4,249,392	8,327,867	233,864					12,813,193
	12	132	278	662					204
ITG 29	**Lodgepole pine with Douglas-fir, ponderosa pine or larch second**								
	72	**5,238**	**6,216**						**11,525**
	348	524,378	1,161,730						1,686,457
	5	100	187						146
ITG 30	**Lodgepole pine with spruce, hemlock, fir, cedar, or w. w. pine second**								
	256	**2,579**	**4,464**	**319**					**7,618**
	47	210,829	1,106,864	178,947					1,496,687
	0	82	248	561					196

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 3: All Inventory Type Groups Older than 120 Years

(Age classes 7, 8, and 9)

Height class (m)								Totals
0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 31 **Lodgepole pine with deciduous second**								
	975	**3,725**						**4,700**
	63,589	495,378						558,967
	65	133						119
ITG 32 **Ponderosa pine leading with any species second**								
	2,442	**1,698**						**4,140**
	84,586	122,212						206,798
	35	72						50
ITG 35 **Cottonwood with any coniferous species second**								
		4	**6**					**11**
		616	1,849					2,465
		350	289					235
ITG 36 **Cottonwood with any deciduous species second**								
		20	**24**					**44**
		813	5,425					6,238
		40	231					142
ITG 41 **Aspen with any coniferous species second**								
	471	**677**	**29**					**1,178**
	19,061	61,618	6,963					107,662
	40	121	242					91
ITG 42 **Aspen with any deciduous species second**								
	235	**161**	**12**					**409**
	9,218	16,114	631					25,963
	39	100	52					64
Totals for 100 Mile House Timber Supply Area								
1,626	**72,883**	**182,625**	**31,463**	**1,399**				**289,997**
2,676	7,015,992	35,353,874	12,263,179	969,952				55,605,672
2	96	194	390	693				192

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 4: Lodgepole Pine or Deciduous Leading Older than 120 Years Other Species Leading Older than 140 Years

Age classes 7, 8 and 9 for ITG 28 to 31 and 35 to 42; all other ITGs age classes 8 and 9

Height class (m)								Totals
0 to 10.4	10.5-19.4	19.5-28.4	28.5-37.4	37.5-46.4	46.5-55.4	55.5-64.4	64.5+	
Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1	**More than 80% Douglasfir**							
68	**9,318**	**55,822**	**7,626**	**63**				**72,895**
179	403,767	8,478,849	2,403,602	37,208				11,323,605
3	43	152	315	594				155
ITG 2	**Douglas-fir with western white pine second**							
		172	**8**					**179**
		27,619	2,643					30,262
		161	339					169
ITG 4	**Douglas-fir with spruce second**							
	154	**3,503**	**1,268**	**37**				**4,961**
	15,250	813,006	476,715	27,184				1,332,155
	99	232	376	743				269
ITG 5	**Douglas-fir with lodgepole pine second**							
25	**3,412**	**38,889**	**2,621**					**44,947**
	170.435	4,689,946	683,047					5,543,428
	50	121	261					123
ITG 6	**Douglas-fir with ponderosa pine second**							
6	**3,234**	**2,365**	**7**					**5,612**
	175,160	317,195	1,203					493,558
	54	134	165					88
ITG 8	**Douglas-fir with deciduous second**							
	40	**886**	**208**					**1,134**
	1,028	126,296	61,354					188,678
	26	142	295					166

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 4: Lodgepole Pine or Deciduous Leading Older than 120 Years Other Species Leading Older than 140 Years

Age classes 7, 8 and 9 for ITG 28 to 31 and 35 to 42; all other ITGs age classes 8 and 9

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha
ITG 9	**More than 80% western red cedar or yellow cedar**								
		19	**374**	**780**					**1,173**
			37,183	219,432					256,615
			100	281					219
ITG 10	**Western red cedar or yellow cedar with Douglas-fir or larch second**								
		40	**55**	**70**					**164**
		1,358	10,640	21,656					33,654
		34	194	311					205
ITG 11	**Western red cedar or yellow cedar with hemlock, fir, or spruce second**								
			166	**254**					**420**
			38,121	85,102					123,222
			229	335					293
ITG 18	**More than 80% fir**								
	45	**2,407**	**1,211**						**3,663**
		193,193	328,615						521,809
		80	271						142
ITG 20	**Fir with spruce second**								
	21	**1,970**	**4,288**	**8**					**6,286**
		259,065	1,169,794	3,674					1,432,533
		132	273	465					228
ITG 21	**More than 80% spruce**								
	439	**446**	**3,286**	**5,756**	**1,125**				**11,053**
		29,541	1,225,108	2,813,718	792,848				4,861,216
		66	373	489	705				440

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 4: Lodgepole Pine or Deciduous Leading Older than 120 Years Other Species Leading Older than 140 Years

Age classes 7, 8 and 9 for ITG 28 to 31 and 35 to 42; all other ITGs age classes 8 and 9

	Height class (m)								Totals
	0 to 10.4	10.5-19.4	19.5-28.4	28.5-37.4	37.5-46.4	46.5-55.4	55.5-64.4	64.5+	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 22	**Spruce with Douglas-fir, larch or ponderosa pine second**								
		132	**686**	**772**	**27**				**1,616**
		15,390	194,419	326,581	18,490				554,880
		117	263	423	693				343
ITG 23	**Spruce with hemlock or western red cedar second**								
			94	**910**	**67**				**1,072**
			18,736	354,460	39,307				412,503
			199	389	588				385
ITG 24	**Spruce with fir second**								
	9	**457**	**8,824**	**6,878**	**81**				**16,250**
		31,163	2,711,129	2,752,078	54,914				5,549,284
		68	307	400	676				341
ITG 25	**Spruce with lodgepole pine second**								
	141	**575**	**2,616**	**863**					**4,195**
		87,525	715,995	363,755					1,167,274
		152	274	422					278
ITG 26	**Spruce with deciduous second**								
		44	**455**	**57**					**556**
		5,135	123,111	14,903					143,149
		117	271	261					257
ITG 27	**Western white pine or whitebark pine with any species second**								
	235	**31**	**16**						**282**
		1,052	3,990						5,042
		34	253						18

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 4: Lodgepole Pine or Deciduous Leading Older than 120 Years Other Species Leading Older than 140 Years

Age classes 7, 8 and 9 for ITG 28 to 31 and 35 to 42; all other ITGs age classes 8 and 9

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha
ITG 28	**More than 80% lodgepole pine**								
	177 2.071 12	**32,278** 4,249,392 132	**29,969** 8,327,867 278	**353** 233,864 662					**62,778** 12,813,193 204
ITG 29	**Lodgepole pine with Douglas-fir, ponderosa pine or larch second**								
	72 348 5	**5,238** 524,378 100	**6,216** 1,161,730 187						**11,525** 1,686,457 146
ITG 30	**Lodgepole pine with spruce, hemlock, fir, cedar, or w. w. pine second**								
	266 47 0	**2,579** 210,829 62	**4,464** 1,106,864 248	**319** 178,947 561					**7,618** 496,687 196
ITG 31	**Lodgepole pine with deciduous second**								
		975 63,589 65	**3,725** 495,378 133						**4,700** 558,967 119
ITG 32	**Ponderosa pine leading with any species second**								
		2,351 80,255 34	**1,698** 122,212 72						**4,049** 202,467 50
ITG 35	**Cottonwood with any coniferous species second**								
			4 616 150	**6** 1,849 289					**11** 2,465 235

100 Mile House Timber Supply Area

In the Cariboo Forest Region (TSA 23)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 4: Lodgepole Pine or Deciduous Leading Older than 120 Years Other Species Leading Older than 140 Years

Age classes 7, 8 and 9 for ITG 28 to 31 and 35 to 42; all other ITGs age classes 8 and 9

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha
ITG 36	**Cottonwood with any deciduous species second**								
			20 813 40	**24** 5,425 231					**44** 6,238 142
ITG 41	**Aspen with any coniferous species second**								
		471 19,061 40	**677** 81,618 121	**29** 6,983 242					**1,178** 107,662 91
ITG 42	**Aspen with any deciduous species second**								
		235 9,218 39	**161** 16,114 100	**12** 631 52					**409** 25,963 64
	1,492 2,645 2	**66,405** 6,545,785 99	**170,643** 32,342,961 190	**28,829** 11,011,621 382	**1,399** 969,952 693				**268,768** 50,872,964 189

Big Bar Lake Provincial Park

In the Cariboo Forest Region (SC 787)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1 **More than 80% Douglas-fir**										
19.5 to 28.4								**22**		**22**
								4,844		4,844
								222		222
ITG 5 **Douglas-fir with lodgepole pine second**										
Zero to 10.4		**20**								**20**
19.5 to 28.4								**0**		**0**
								27		27
								135		135
ITG 21 **More than 80% spruce**										
10.5 to 19.4							**32**	**2**		**34**
							7,910	249		8,158
							251	118		243
ITG 25 **Spruce with lodgepole pine second**										
19.5 to 28.4							**12**			**12**
							3,629			3,629
							313			313
ITG 28 **More than 80% lodgepole pine**										
Zero to 10.4				**49**						**49**
				577						577
				12						**12**
10.5 to 19.4						**49**	**15**			**64**
						6,291	938			7,230
						129	64			114
ITG 31 **Lodgepole pine with deciduous second**										
Zero to 10.4				**18**						**18**
				95						95
				5						5

Big Bar Lake Provincial Park

In the Cariboo Forest Region (SC 787)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 42 **Aspen with any deciduous species second**									
10.5 to 19.4				**17**						**17**
				286						286
				17						17
19.5 to 28.4				**66**						**66**
				3,955						3,955
				60						60
ITG 42 Totals				**83**						**83**
				4,240						4,240
				51						51
	All ITG **Totals for Big Bar Lake Provincial Park**									
Zero to 10.4		**20**		**68**						**87**
				671						671
				10						8
10.5 to 19.4				**17**		**49**	**46**	**2**		**114**
				286		6,291	8,848	249		15,673
				17		129	192	118		138
19.5 to 28.4				**66**			**12**	**22**		**99**
				3,955			3,629	4,871		12,454
				60			313	221		125
Totals		**20**		**150**		**49**	**58**	**24**		**301**
				4,912		6,291	12,476	5,119		28,799
				33		129	216	212		96
Area with no forest cover or no typing available										**37**
Total area										**338**

Big Bar Lake Provincial Park

In the Cariboo Forest Region (SC 787)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1	**More than 80% Douglas-fir**								
			22						**22**
			4,844						4,844
			222						222
ITG 5	**Douglas-fir with lodgepole pine second**								
	20		**0**						**20**
			27						27
			135						1
ITG 21	**More than 80% spruce**								
		34							**34**
		8,158							8,158
		243							243
ITG 25	**Spruce with lodgepole pine second**								
			12						**12**
			3,629						3,629
			313						313
ITG 28	**More than 80% lodgepole pine**								
	49	**64**							**113**
	577	7,230							7,806
	12	114							69
ITG 31	**Lodgepole pine with deciduous second**								
	18								**18**
	95								95
	5								5
ITG 42	**Aspen with any deciduous species second**								
		17	**66**						**83**
		286	3,955						4,240
		17	80						51
Totals for Big Bar Lake Provincial Park									
	87	**114**	**99**						**301**
	871	15,673	12,454						28,799
	8	137	125						96

Big Bar Lake Provincial Park

In the Cariboo Forest Region (SC 787)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 3: All Inventory Type Groups Older than 120 Years
(Age classes 7, 8, and 9)

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha
ITG 1	**More than 80% Douglas-fir**								
			22 4,844 222						**22** 4,844 222
ITG 5	**Douglas-fir with lodgepole pine second**								
			0 27 135						**0** 27 135
ITG 21	**More than 80% spruce**								
		34 8,158 243							**34** 8,158 243
ITG 25	**Spruce with lodgepole pine second**								
			12 3,629 313						**12** 3,628 313
ITG 28	**More than 80% lodgepole pine**								
		15 938 64							**15** 938 64
Totals for Big Bar Lake Provincial Park									
		48 9,096 188	**34** 8,499 253						**82** 17,596 215

Big Bar Lake Provincial Park

In the Cariboo Forest Region (SC 787)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 4: Lodgepole Pine or Deciduous Leading Older than 120 Years Other Species Leading Older than 140 Years

Age classes 7, 8 and 9 for ITG 28 to 31 and 35 to 42; all other ITGs age classes 8 and 9

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha
ITG 1	**More than 80% Douglas-fir**								
			22 4,844 222						**22** 4,844 222
ITG 5	**Douglas-fir with lodgepole pine second**								
			0 27 135						**0** 27 135
ITG 21	**More than 80% spruce**								
		2 249 118							**2** 249 118
ITG 28	**More than 80% lodgepole pine**								
		15 938 64							**15** 938 64
		17 1,871 71	**22** 4,871 221						**39** 6,058 156

Chasm Ecological Reserve

In the Cariboo Forest Region (SC 865) Ecol. Res. 65
By inventory type group and height class area (ha), volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area / Volume / Vol/ha									
ITG 1 **More than 80% Douglas-fir**										
19.5 to 28.4								**31**		**31**
								3,606		3,606
								117		117
ITG 5 **Douglas-fir with lodgepole pine second**										
19.5 to 28.4								**62**		**62**
								8,314		8,314
								134		134
ITG 28 **More than 80% lodgepole pine**										
Zero to 10.4				**13**						**13**
				153						153
				12						12
10.5 to 19.4			**13**	**15**	**51**					**79**
			40	1,133	5,541					6,714
			3	78	110					86
ITG 28 Totals			**13**	**28**	**51**					**92**
			40	1,286	5,541					6,867
			3	46	110					75
All ITG **Totals for Chasm Ecological Reserve**										
Zero to 10.4				**13**						**13**
				153						153
				12						12
10.5 to 19.4			**13**	**15**	**51**					**79**
			40	1,133	5,541					6,714
			3	78	110					86
19.5 to 28.4								**93**		**93**
								11,920		11,920
								128		128
Totals			**13**	**28**	**51**			**93**		**185**
			40	1,286	5,541			11,920		18,788
			3	46	110			128		102
Area with no forest cover or no typing available										3
Total area										187

Chasm Ecological Reserve

In the Cariboo Forest Region (SC 865) Ecol. Res. 65
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1	**More than 80% Douglas-fir**								
			31						**31**
			3,606						3,606
			117						117
ITG 5	**Douglas-fir with lodgepole pine second**								
			62						**62**
			8,314						8,314
			134						134
ITG 28	**More than 80% lodgepole pine**								
	13	**79**							**92**
	153	6,714							6,867
	12	86							75
Totals for Chasm Ecological Reserve									
	13	**79**	**93**						**185**
	153	6,714	11,920						18,788
	12	86	128						102

Chasm Ecological Reserve

In the Cariboo Forest Region (SC 865) Ecol. Res. 65
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 3: All Inventory Type Groups Older than 120 Years
(age classes 7, 8, and 9)

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1	**More than 80% Douglas-fir**								
			31						**31**
			3,606						3,606
			117						117
ITG 5	**Douglas-fir with lodgepole pine second**								
			62						**62**
			8,314						8,314
			134						134
Totals for Chasm Ecological Reserve									
			93						**93**
			11,920						11,920
			128						128

Chasm Ecological Reserve

In the Cariboo Forest Region (SC 865) Ecol. Res. 65
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 4: Lodgepole Pine or Deciduous Leading Older than 120 Years Other Species Leading Older than 140 years

Age classes 7, 8 and 9 for ITG 28 to 31 and 35 to 42; all other ITGs age classes 8 and 9

Height class (m)								Totals
0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1	**More than 80% Douglas-fir**							
		131						**31**
		3,606						3,606
		117						117
ITG 5	**Douglas-fir with lodgepole pine second**							
		62						**62**
		8,314						8,314
		134						134
		93						**93**
		11,920						11,920
		128						128

Chasm Provincial Park

In the Cariboo Forest Region (SC 512)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1	**More than 80% Douglas-fir**									
Zero to 10.4				**0**						**0**
				1						1
				3						3
10.5 to 19.4								**20**		**20**
								378		378
								19		19
19.5 to 28.4								**54**		**54**
								7,483		7,483
								139		139
ITG 1 Totals				**0**				**74**		**74**
				1				7,861		7,861
				3				106		106
ITG 5	**Douglas-fir with lodgepole pine second**									
19.5 to 28.4								**5**		**5**
								603		603
								134		134
ITG 22	**Spruce with Douglas-fir, larch or p. pine second**									
19.5 to 28.4							**8**			**8**
							2,952			2,952
							356			356
ITG 28	**More than 80% lodgepole pine**									
10.5 to 19.4					**29**	**13**				**42**
					2,976	1,662				4,638
					102	129				110
19.5 to 28.4								**0**		**0**
								96		96
								239		239
ITG 42	**Aspen with any deciduous species second**									
Zero to 10.4				**0**						**0**

Chasm Provincial Park

In the Cariboo Forest Region (SC 512)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	All ITG **Totals for Chasm Provincial Park**									
Zero to 10.4				**1**						**1**
				1						1
				1						1
10.5 to 19.4					**29**	**13**		**20**		**62**
					2,976	1,662		378		5,016
					102	129		19		80
19.5 to 28.4							**8**	**59**		**67**
							2,952	8,182		11,134
							356	140		166
Totals				**1**	**29**	**13**	**8**	**79**		**130**
				1	2,976	1,662	2.952	8,560		16,151
				1	102	129	356	109		124
Area with no forest cover or no typing avalable										**12**
Total area										**142**

Chasm Provincial Park

In the Cariboo Forest Region (SC 512)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)							Totals
0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1	**More than 80% Douglas-fir**							
0	**20**	**54**						**74**
1	378	7,483						7,862
3	19	139						106
ITG 5	**Douglas-fir with lodgepole pine second**							
		5						**5**
		603						603
		134						134
ITG 22	**Spruce with Douglas-fir, larch or ponderosa pine second**							
		8						**8**
		2,952						2,952
		356						356
ITG 28	**More than 80% lodgepole pine**							
	42	**0**						**43**
	4,638	96						4,734
	110	239						111
ITG 42	**Aspen with any deciduous species second**							
0								**0**
Totals for Chasm Provincial Park								
1	**62**	**67**						**130**
1	5,016	11,134						16,151
1	80	166						124

Chasm Provincial Park

In the Cariboo Forest Region (SC 512)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 3: All Inventory Type Groups Older than 120 Years
(Age classes 7, 8, and 9)

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha
ITG 1	**More than 80% Douglas-fir**								
		20 378 19	**54** 7,483 139						**74** 7,861 106
ITG 5	**Douglas-fir with lodgepole pine second**								
			5 603 134						**5** 603 134
ITG 22	**Spruce with Douglas-fir, larch or ponderosa pine second**								
			8 2,952 356						**8** 2,952 356
ITG 28	**More than 80% lodgepole pine**								
			0 96 239						**0** 96 239
Totals for Chasm Provincial Park									
		20 378 19	**67** 11,134 168						**87** 11,512 132

Chasm Provincial Park

In the Cariboo Forest Region (SC 512)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 4: Lodgepole Pine or Deciduous Leading Older than 120 Years Other Species Leading Older than 140 years

Age classes 7, 8 and 9 for ITG 28 to 31 and 35 to 42; all other ITGs age classes 8 and 9

Height class (m)								Totals
0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1	**More than 80% Douglas-fir**							
	20	**54**						**74**
	378	7,483						7,861
	19	139						106
ITG 5	**Douglas-fir with lodgepole pine second**							
		5						**5**
		603						603
		134						134
ITG 28	**More than 80% lodgepole pine**							
		0						**0**
		96						96
		239						239
	20	**59**						**79**
	378	8,182						8,560
	19	140						109

Downing Provincial Park

In the Cariboo Forest Region (SC 1014)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 1 **More than 80% Douglas-fir**									
10.5 to 19.4			**1**			**18**	**13**		**9**	**41**
			25			1,153	1,054		853	3,084
			41			66	79		94	76
19.5 to 28.4						**0**		**38**	**4**	**43**
						37		8,358	961	9,356
						186		218	229	219
ITG 1 Totals			**1**			**18**	**13**	**38**	**13**	**83**
			25			1,190	1,054	8,358	1,813	12,440
			41			67	79	218	136	149
	ITG 5 **Douglas-fir with lodgepole pine second**									
10.5 to 19.4							**3**	**8**		**11**
							241	405		646
							83	51		59
	All ITG **Totals for Downing Provincial Park**									
10.5 to 19.4			**1**			**18**	**16**	**8**	**9**	**51**
			25			1,153	1,295	405	853	3,730
			41			66	80	51	94	73
19.5 to 28.4						**0**		**38**	**4**	**43**
						37		8,358	961	9,356
						186		218	229	219
Totals			**1**			**18**	**16**	**46**	**13**	**94**
			25			1,190	1,295	8,763	1,813	13,086
			41			67	80	189	136	139
Area with no forest cover or no typing available										**19**
Total area										**113**

Downing Provincial Park

In the Cariboo Forest Region (SC 1014)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1	**More than 80% Douglas-fir**								
		41	**43**						**83**
		3,084	9,356						12,440
		76	219						149
ITG 5	**Douglas-fir with lodgepole pine second**								
		11							**11**
		646							646
		59							59
Totals for Downing Provincial Park									
		51	**43**						**94**
		3,730	9,356						13,086
		73	219						139

Downing Provincial Park

In the Cariboo Forest Region (SC 1014)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 3: All Inventory Type Groups Older than 120 Years
(Age classes 7, 8, and 9)

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha
ITG 1	**More than 80% Douglas-fir**								
		22 1,907 85	**43** 9,319 219						**65** 11,226 173
ITG 5	**Douglas-fir with lodgepole pine second**								
		11 646 59							**11** 646 59
Totals for Downing Provincial Park									
		33 2,553 77	**43** 9,319 219						**76** 11,871 156

Downing Provincial Park

In the Cariboo Forest Region (SC 1014)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 4: Lodgepole Pine or Deciduous Leading Older than 120 Years Other Species Leading Older than 140 years

Age classes 7, 8 and 9 for ITG 28 to 31 and 35 to 42; all other ITGs age classes 8 and 9

Height class (m)								Totals
0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1	**More than 80% Douglas-fir**							
	9	**43**						**52**
	853	9,319						10,171
	94	219						197
ITG 5	**Douglas-fir with lodgepole pine second**							
	8							**8**
	405							405
	51							51
	17	**43**						**60**
	1,257	9,319						10,576
	74	219						177

Green Lake Provincial Park

In the Cariboo Forest Region (SC 1034)
By Inventory Type Group and Height class
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1	**More than 80% Douglas-fir**									
10.5 to 19.4			**1**			**18**	**13**		**9**	**41**
			25			1,153	1,054		853	3,084
			41			66	79		94	76
19.5 to 28.4						**0**		**38**	**4**	**43**
						37		8,358	961	9,356
						186		218	229	219
ITG 1 Totals			**1**			**18**	**13**	**38**	**13**	**83**
			25			1,190	1,054	8,358	1,813	12,440
			41			67	79	218	136	149I
ITG 5	**Douglas-fir with lodgepole pine second**									
10.5 to 19.4							**3**	**8**		**11**
							241	405		646
							83	51		59
All ITG	**Totals for Green Lake Provincial Park**									
10.5 to 19.4			**1**			**18**	**16**	**8**	**9**	**51**
			25			1,153	1,295	405	853	3,730
			41			66	80	51	94	73
19.5 to 28.4						**0**		**38**	**4**	**43**
						37		8,358	961	9,356
						186		218	229	219
Totals			**1**			**18**	**16**	**46**	**13**	**94**
			25			1,190	1,295	8,763	1,813	13,086
			41			67	80	189	136	139
Area with no forest cover or no typing available										**19**
Total area										**113**

Green Lake Provincial Park

In the Cariboo Forest Region (SC 1034)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1	**More than 80% Douglas-fir**								
		41	**43**						**83**
		3,084	9,356						12,440
		76	219						149
ITG 5	**Douglas-fir with lodgepole pine second**								
		11							**11**
		646							646
		59							59
Totals for Green Lake Park									
		51	**43**						**94**
		3,730	9,356						13,086
		73	219						139

Green Lake Provincial Park

In the Cariboo Forest Region (SC 1034)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 3: All Inventory Type Groups Older than 120 Years

(Age classes, 7, 8, and 9)

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1	**More than 80% Douglas-fir**								
		22	**43**						**65**
		1,907	9,319						11,226
		85	219						173
ITG 5	**Douglas-fir with lodgepole pine second**								
		11							**11**
		646							646
		59							59
Totals for Green Lake Park									
		33	**43**						**76**
		2,773	9,319						11,871
		77	219						156

Green Lake Provincial Park

In the Cariboo Forest Region (SC 1034)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 4: Lodgepole Pine or Deciduous Leading Older than 120 Years Other Species Leading Older than 140 years

Age classes 7, 8 and 9 for ITG 28 to 31 and 35 to 42; all other ITGs age classes 8 and 9

	Height class (m)							Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha
ITG 1	**More than 80% Douglas-fir**								
		9 853 94	**43** 9,319 219						**52** 10,171 197
ITG 5	**Douglas-fir with lodgepole pine second**								
		8 405 51							**8** 405 51
		17 1,257 74	**43** 9,319 219						**60** 10,576 177

Section B

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
Physical Land Base and Administration
Area (ha)

Physical Land Base		Area Totals
Productive Forest		1,476,226
Swamp or muskeg	50,881	
Clearing	35,990	
Alpine	30,889	
Lake	19,584	
Non-productive brush	18,423	
Open range	17,255	
Meadow	13,594	
Urban	12,043	
Non-productive	10,023	
Alpine forest	9,565	
River	6,524	
Rock	2,337	
Clay bank	541	
Gravel bar	193	
Non-productive burn	14	227,857
Portion in Prince George Region		24,143
Totals for the Quesnel Timber Supply Area		1,728,225

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
Physical Land Base and Administration
Area (ha)

Administration of Land Base			Area Totals
Land under Private Administration			
Crown Granted			94,647
Land under Provincial Administration			
Area in a Timber Supply Area (62C)			
In a Provincial Forest	1,435,019		
Not in a Provincial Forest	132,758	1,567,777	
Miscellaneous reserves (69N)			
In a Provincial Forest	1,157		
Not in a Provincial Forest	434	1,591	
Woodlots			
Private land	1,910		
Provincial Crown land	11,503	13,414	
Miscellaneous Areas			
UREP Reserves: Use, Recreation, and Enjoyment of the Public	18,420		
Park equivalent or reserve including Recreation Areas, Regional Parks, Heritage Sites and Wildlife Management	59		
Miscellaneous leases (rod & gun etc.) not defined	189	18,667	
Protected Areas			
864 Ecol. Res. 064 Ilgachuz Range	1,665		
class A provincial park not defined	307		
Ecological reserves not defined	246		
588 Wendle Provincial Park	239		
701 Pinnacles Provincial Park	125		
1088 Puntchesakut Lake Provincial Park	40		
1010 Cottonwood H. Historical Provincial Park	11	2,633	1,604,082
Land under Federal Administration			
Aboriginal reserves			5,354
Portion in Prince George Region			24,143
Totals for the Quesnel Timber Supply Area			1,728,225

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 1 **More than 80% Douglas-fir**									
Zero to 10.4	**1,486**	**1,167**	**153**	**24**				**5**		**2,835**
	133	2,836	2,275	318				74		5,636
	0	2	15	13				16		2
10.5 to 19.4		**151**	**1,455**	**3,174**	**775**	**695**	**185**	**29**		**6,463**
		4,992	102,929	363,485	111,338	86,577	31,140	3,524		703,984
		33	71	115	144	125	169	120		109
19.5 to 28.4		**37**	**46**	**783**	**3,186**	**2,902**	**2,246**	**2,522**	**384**	**12,107**
		7,732	5,874	144,988	716,142	761,241	483,093	632,788	108,826	2,860,684
		207	128	185	225	262	215	251	283	236
28.5 to 37.4				**34**	**88**	**718**	**358**	**1,319**	**186**	**2,702**
				10,289	32,728	273,954	120,864	504,946	77,219	1,020,000
				304	373	382	338	383	416	378
37.5 to 46.4								**267**		**267**
								136,353		136,353
								512		512
ITG 1 Totals	**1,486**	**1,355**	**1,654**	**4,015**	**4,049**	**4,315**	**2,788**	**4,141**	**570**	**24,373**
	133	15,561	111,077	519,080	860,208	1,121,771	635,097	1,277,685	186,045	4,726,657
	1	66	22	129	212	260	922	222	327	194

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Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 2 **Douglas-fir with western white pine second**									
Zero to 10.4	**2**									**2**
10.5 to 19.4						**5**				**5**
						574				574
						128				128
19.5 to 28.4							**33**	**37**		**69**
							5,431	11,854		17,284
							167	321		249
28.5 to 37.4								**110**		**110**
								46,058		46,058
								418		418
37.5 to 46.4								**53**		**53**
								29,359		29,359
								550		550
ITG 2 Totals	**2**					**5**	**33**	**200**		**239**
						574	5,431	87,271		93,276
						128	167	435		390
	ITG 3 **Douglas-fir with hemlock or fir second**									
Zero to 10.4	**11**	**196**								**207**
		185								185
		1								1
10.5 to 19.4			**61**					**3**		**64**
			5,575					510		6,085
			91					170		95
19.5 to 28.4				**34**		**10**				**45**
				6,079		1,667				7,945
				177		183				178
37.5 to 46.4								**39**		**39**
								20,605		20,605
								535		535
ITG 3 Totals	**11**	**196**	**61**	**34**		**10**		**42**		**354**
		185	5,575	6,079		1,867		21,116		34,821
		1	91	177		183		509		98

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Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 4 **Douglas-fir with spruce second**									
Zero to 10.4	**746**	**308**	**153**		**21**					**1,228**
		486	450							936
		2	3							1
10.5 to 19.4	**208**	**9**	**572**	**472**	**141**					**1,403**
	23,292	143	43,168		50,270	17,958				134,832
	112	16	75	107	127					96
19.5 to 28.4		**59**	**85**	**942**	**1,594**	**1,300**	**415**	**848**	**12**	**5,053**
		20,667	14,281	180,248	386,421	373,173	115,654	192,312	2,885	1,285,640
		352	189	191	242	287	279	297	242	254
28.5 to 37.4					**82**	**314**	**307**	**1,218**	**84**	**1,988**
					28,967	120,945	116,433	496,336	26,396	789,077
					352	385	380	407	412	397
37.5 to 46.4								**74**		**74**
								41,050		41,050
								557		557
ITG 4 Totals	**954**	**376**	**810**	**1,414**	**1,839**	**1,614**	**721**	**1,940**	**78**	**9,744**
	23,292	21,296	57,899	230,518	433,346	494,118	232,087	729,698	29,280	2,251,535
	24	57	71	163	236	306	322	376	385	231
	ITG 5 **Douglas-fir with lodgepole pine second**									
Zero to 10.4	**1,434**	**2,355**	**361**	**147**						**4,298**
	3,452	4,322	5,071	7,769						20,615
	2	2	14	53						5
10.5 to 19.4		**505**	**2,079**	**2,287**	**490**	**185**		**88**		**5,634**
		14,991	124,925	261,394	71,186	29,952		11,136		513,584
		30	60	114	145	162		126		91
19.5 to 28.4			**20**	**1,388**	**4,172**	**3,376**	**2,508**	**2,936**	**4**	**14,403**
			3,270	272,560	1,038,169	926,075	611,357	791,865	324	3,643,622
			166	196	249	274	244	270	81	253
28.5 to 37.4					**156**	**857**	**1,158**	**1,316**	**217**	**3,704**
					56,223	299,592	404,823	491,744	81,902	1,334,284
					360	350	350	374	377	360
ITG 5 Totals	**1,434**	**2,881**	**2,480**	**3,821**	**4,818**	**4,418 1**	**3,887**	**4,340**	**221**	**28,039**
	3,452	19,313	133,266	541,724	1,165,578	1,255,619	1,016,180	1,294,746	82,226	5,512,103
	2	7	54	142	242	284	277	298	372	197

Quesnel Timber Supply Area

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Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 8 **Douglas-fir with deciduous second**									
Zero to 10.4	**306**	**1,344**	**81**	**6**						**1,737**
	68	6,680	211							6,958
	0	5	3							4
10.5 to 19.4		**236**	**1,208**	**2,661**	**795**	**24**	**14**			**4,938**
		6,634	95,720	322,149	112,212	2.769	626			540,109
		28	79	121	141	116	44			109
19.5 to 28.4			**138**	**2,365**	**2,459**	**1,147**	**292**	**122**		**6,522**
			18,010	461,788	574,715	304,419	51,567	32,522		1,443,020
			131	195	234	266	177	268		221
28.5 to 37.4				**167**	**43**	**691**	**16**	**31**		**948**
				54,373	13,657	199,341	6,373	11,570		285,315
				326	318	288	398	371		301
ITG 8 Totals	**306**	**1,580**	**1,426**	**5,199**	**3,297**	**1,862**	**322**	**153**		**14,145**
	68	13,313	113,940	838,310	700,583	506,529	58,566	44,093		2,275,402
	0	8	80	161	212	272	182	289		161
	ITG 9 **More than 80% western red cedar or yellow cedar**									
19.5 to 28.4									**85**	**85**
									17,627	17,627
									207	207
28.5 to 37.4								**123**	**462**	**585**
								36,426	140,425	176,851
								297	304	302
37.5 to 46.4									**51**	**51**
									21,804	21,804
									429	429
ITG 9 Totals								**123**	**598**	**721**
								36,426	179,856	216,282
								297	301	300

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Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 10 **Western red cedar or yellow cedar with Douglas-fir or larch second**									
10.5 to 19.4							**7**			**7**
							1,037			1,037
							146			146
19.5 to 28.4								**41**	**13**	**54**
								11,973	2,899	14,872
								291	232	277
28.5 to 37.4									**8**	**8**
									3,370	3,370
									416	416
ITG 10 Totals							**7**	**41**	**21**	**69**
							1,037	11,973	6,269	19,279
							146	291	304	280
	ITG 11 **Western red cedar or yellow cedar with hemlock, fir, or spruce second**									
Zero to 10.4	**144**									**144**
	54									54
	0									0
10.5 to 19.4			**7**				**20**			**27**
			621				2,241			2,863
			86				112			105
19.5 to 28.4								**128**	**462**	**590**
								32,421	120,113	152,533
								253	260	258
28.5 to 37.4								**261**	**1,584**	**1,845**
								88,453	523,765	612,218
								339	331	332
37.5 to 46.4									**102**	**102**
									48,211	48,211
									471	471
ITG 11 Totals	**144**		**7**				**20**	**389**	**2,148**	**2,709**
	54		621				2,241	120,873	692,089	815,878
	0		86				112	310	322	301

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Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area / Volume / Vol/ha									**Area** / Volume / Vol/ha
ITG 12 **More than 80% Hemlock**										
19.5 to 28.4					**17** / 5,029 / 305			**19** / 4,930 / 254		**36** / 9,959 / 277
ITG 13 **Hemlock with Douglas-fir or larch second**										
28.5 to 37.4									**5** / 2,219 / 493	**5** / 2,219 / 493
ITG 14 **Hemlock with cedar second**										
19.5 to 28.4								**42** / 11,116 / 267		**42** / 11,116 / 267
28.5 to 37.4								**66** / 31,191 / 473		**66** / 31,191 / 473
ITG 14 Totals								**108** / 42,307 / 394		**108** / 42,307 / 394
ITG 16 **Hemlock with spruce second**										
19.5 to 28.4							**3** / 627 / 184			**3** / 627 / 184

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Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 18 **More than 80% fir**									
Zero to 10.4	**1,212**	**1,016**	**95**	**396**	**493**	**64**	**103**	**561**	**37**	**3,976**
	1,462	2,298	1,316	2,358	4,108	464	320	4,633		16,955
	1	2	14	6	8	7	3	8		4
10.5 to 19.4		**18**	**65**	**393**	**594**	**316**	**625**	**6,198**	**118**	**8,326**
		1	5,582	43,397	69,309	41,527	66,464	352,053		578,332
			87	110	117	132	106	57		70
19.5 to 28.4				**36**	**95**	**366**	**192**	**3,742**	**19**	**4,451**
				11,592	28,636	107,597	58,263	807,946	3,634	1,017,667
				325	301	294	303	218	187	229
ITG 18 Totals	**1,212**	**1,034**	**159**	**825**	**1,182**	**745**	**920**	**10,502**	**174**	**16,753**
	1,462	2,298	6,898	57,347	102,051	149,588	125,046	1,164,632	3,634	1,612,955
	1	2	43	70	86	201	136	111	21	96
	ITG 19 **Fir with hemlock or cedar second**									
10.5 to 19.4			**84**			**4**				**87**
			6,981			239				7,219
			83			66				83

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Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 20 **Fir with spruce second**									
Zero to 10.4	**1,228**	**2,260**	**66**	**318**	**93**		**604**	**393**		**4,962**
	38,786	28,481	2,922	4,413	3,268		356	3,917		82,143
	32	13	44	14	35		1	10		17
10.5 to 19.4		**739**	**168**	**521**	**1,042**	**1,022**	**511**	**6,054**	**319**	**10,376**
		996	8,532	31,584	121,484	98,142	47,398	593,673	44,509	946,317
		1	51	61	117	96	93	98	139	91
19.5 to 28.4				**249**	**1,077**	**700**	**687**	**11,629**	**834**	**15,175**
				69,963	271,193	120,851	166,561	2,532,778	209,526	3,370,871
				281	252	173	242	218	251	222
28.5 to 37.4						**260**		**963**	**62**	**1,286**
						112,554		363,887	21,648	498,089
						433		378	349	388
37.5 to 46.4								**64**		**64**
								35,098		35,098
								548		548
ITG 20 Totals	**1,228**	**2,998**	**234**	**1,088**	**2,212**	**1,982**	**1,802**	**19,103**	**1,215**	**31,862**
	38,786	29,477	11,454	105,960	395,945	331,547	214,314	3,529,352	275,683	4,932,517
	32	10	49	97	179	167	119	185	227	155

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Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 21 **More than 80% spruce**									
Zero to 10.4	**12,810**	**146**	**926**	**899**	**737**	**472**	**715**	**1,384**		**18,038**
	4,116		1,742	3,997	17,850	10,850	2,124	14,122		54,802
	0		2	5	24	23	3	10		3
10.5 to 19.4		**47**	**193**	**1,351**	**426**	**305**	**596**	**1,945**	**26**	**4,887**
		231	14,979	174,837	42,212	20,174	66,736	173,004	921	493,094
		5	78	129	99	66	112	89	36	101
19.5 to 28.4			**42**	**73**	**667**	**1,080**	**1,020**	**5,755**	**515**	**9,152**
			3,910	12,197	150,502	288,818	272,447	1,565,456	147,263	2,440,593
			93	166	226	267	267	272	286	267
28.5 to 37.4					**108**	**316**	**157**	**8,428**	**1,440**	**10,448**
					34,266	113,002	62,114	3,077,745	450,321	3,737,449
					318	358	396	365	313	358
37.5 to 46.4								**362**	**42**	**404**
								181,966	22,446	204,413
								503	532	506
ITG 21 Totals	**12,810**	**193**	**1,161**	**2,273**	**1,938**	**2,172**	**2,486**	**17,874**	**2,023**	**42,930**
	4,116	231	20,632	191,032	244,831	432,844	403,420	5,012,294	620,951	6,930,350
	0	1	18	84	126	199	162	280	307	161

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Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 22 **Spruce with Douglas-fir, larch or p. pine second**									
Zero to 10.4	**510**	**57**	**5**	**27**	**14**	**2**		**21**		**635**
	257	52	266							575
	1	1	58							1
10.5 to 19.4	**55**	**194**	**208**	**1,173**	**99**	**44**	**13**	**266**		**2,052**
	489	2,495	25,322	172,405	13,729	3,101		1,260		218,801
	9	13	722	147	138	70		5		107
19.5 to 28.4		**28**		**277**	**878**	**783**	**234**	**374**		**2,572**
		1,348		64,448	217,239	206,788	65,168	97,834		654,825
		49		233	248	267	279	261		255
28.5 to 37.4					**292**	**576**	**113**	**7,764**		**2,745**
					106,119	215,390	40,844	664,235		1,026,587
					363	374	361	377		374
37.5 to 46.4								**639**		**639**
								304,179		304,179
								476		476
ITG 22 Totals	**565**	**279**	**213**	**1,477**	**1,283**	**1,404**	**359**	**3,064**		**8,643**
	746	3,894	25,588	236,852	337,087	427,280	106,012	1,067,508		2,204,967
	1	14	120	160	263	304	295	348		255
	ITG 23 **Spruce with hemlock or western red cedar second**									
Zero to 10.4	**83**									**83**
10.5 to 19.4						**7**				**7**
						1,203				1,203
						167				167
19.5 to 28.4					**258**			**574**		**832**
					61,830			146,244		208,074
					240			255		250
28.5 to 37.4								**803**		**803**
								258,835		258,835
								322		322
ITG 23 Totals	**83**				**258**	**7**		**1,378**		**1,726**
					61,830	1,203		405,079		468,112
					239	167		294		271

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 24 **Spruce with fir second**									
Zero to 10.4	**1,780**	**687**	**91**	**39**	**111**	**343**	**1,747**	**17**		**4,816**
	4	657	2,441	184	4,474	21,034				28,794
		1	27	5	40	81				6
10.5 to 19.4	**11**	**101**	**147**	**829**	**574**	**712**	**147**	**932**		**3,453**
	82	3,163	10,573	103,120	90,377	86,818	23,697	113,798		431,628
	7	31	72	124	158	122	161	122		125
19.5 to 28.4				**256**	**1,462**	**1,169**	**840**	**20,550**	**4,030**	**28,307**
				67,947	325,966	303,726	225,884	5,189,906	1,086,546	7,199,976
				265	223	260	269	2.53	270	254
28.5 to 37.4					**169**	**256**	**377**	**19,393**	**5,009**	**25,204**
					67,369	93,185	146,292	6,613,798	1,839.695	8,760,339
					399	364	388	341	367	348
37.5 to 46.4								**1,025**	**154**	**1,179**
								545,978	70,596	616,574
								533	459	523
ITG 24 Totals	**1,791**	**788**	**239**	**1,124**	**2,316**	**2,481**	**3,111**	**41,917**	**9,193**	**62,958**
	86	3,820	13,015	171,251	488,186	504,764	395,874	12,463,480	2,996,837	17,037,311
	0	5	55	152	211	203	127	297	326	271

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 25 **Spruce with lodgepole pine second**									
Zero to 10.4	**2,996**	**471**	**953**	**800**	**587**	**58**	**848**	**78**		**6,790**
	4,996	717	7,402	14,302	16,164	3,036	176	1,006		47,799
	2	2	8	18	28	52	0	13		7
10.5 to 19.4		**28**	**683**	**2,455**	**655**	**589**	**832**	**3,017**	**64**	**8,321**
		411	58,986	272,267	83,113	94,295	145,098	495,932	13,585	1,163,687
		15	86	111	127	160	175	164	214	140
19.5 to 28.4			**197**	**452**	**1,397**	**2,659**	**4,451**	**15,715**	**2,457**	**27,327**
			23,855	82,780	344,508	711,707	1,179,296	4,329,373	669,584	7,341,102
			121	183	247	268	265	276	273	269
28.5 to 37.4					**680**	**2,594**	**972**	**7,844**	**426**	**12,516**
					254,045	988,134	306,526	2,728,409	109,499	4,386,612
					373	381	316	348	257	351
37.5 to 46.4								**202**		**202**
								92,617		92,617
								459		459
ITG 25 Totals	**2,996**	**499**	**1,833**	**3,707**	**3,319**	**5,900**	**7,101**	**26,855**	**2,947**	**55,156**
	4,996	1,128	90,243	369,349	697,830	1,797,172	1,631,095	7,647,337	792,667	13,031,817
	2	2	49	100	210	305	230	285	269	236

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area / Volume / Vol/ha									
ITG 26	**Spruce with deciduous second**									
Zero to 10.4	**2,929** / 140	**161** / 120 / 1	**22** / 466 / 21			**87** / 4,780 / 55		**5**		**3204** / 5,505 / 2
10.5 to 19.4		**26** / 1,534 / 59	**327** / 28,503 / 87	**1,016** / 113,366 / 112	**247** / 20,587 / 84	**24** / 2,993 / 127	**69** / 11,768 / 172	**22** / 4,110 / 185		**1,730** / 182,861 / 106
19.5 to 28.4			**134** / 21,205 / 158	**1,201** / 236,572 / 197	**1,203** / 258,365 / 215	**695** / 176,730 / 254	**1,560** / 409,360 / 263	**448** / 111,872 / 250		**5,240** / 1,214,104 / 232
28.5 to 37.4				**8** / 2,171 / 278	**53** / 16,842 / 319	**228** / 80,277 / 352	**122** / 37,181 / 306	**358** / 99,564 / 278		**768** / 236,033 / 307
37.5 to 46.4								**44** / 16,676 / 379		**44** / 16,676 / 379
46.5 to 55.4						**10** / 7,189 / 757				**10** / 7,189 / 757
ITG 26 Totals	**2,929** / 140 / 0	**187** / 1,654 / 9	**483** / 50,174 / 104	**2,225** / 352,108 / 158	**1,503** / 295,794 / 197	**1,043** / 271,968 / 261	**1,750** / 458,309 / 262	**877** / 232,222 / 265		**10,995** / 1,662,36 / 151

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 28 **More than 80% lodgepole pine**									
Zero to 10.4	**39,727**	**24,861**	**31,380**	**19,491**	**15,947**	**709**	**265**	**550**	**3**	**132,933**
	10,201	6,830	12,531	168,542	139,322	16,586	699	18	10	354,739
	0	0	0	9	9	23	3		4	3
10.5 to 19.4	**259**	**987**	**44,411**	**112,324**	**82,861**	**70,395**	**48,288**	**61,615**	**1,897**	**423,036**
	4,432	23,169	505,754	7,441,035	6,982,685	5,986,568	4,972,131	8,458,786	331,049	34,705,607
	17	24	11	66	84	85	103	137	175	82
19.5 to 28.4		**323**	**771**	**32,811**	**25,539**	**69,419**	**60,936**	**50,427**	**743**	**240,967**
		7,538	117,175	5,240,943	6,150,120	17,125,025	14,819,918	13,516,745	183,893	57,161,357
		23	152	160	241	247	243	268	248	237
28.5 to 37.4		**112**			**315**	**1,451**	**384**	**368**		**2,631**
		4,463			143,097	671,044	184,469	185,358		1,188,430
		40			454	462	480	504		452
37.5 to 46.4		**12**								**12**
		909								909
		74								74
ITG 28 Totals	**39,986**	**26,296**	**76,562**	**164,625**	**124,662**	**141,974**	**109,872**	**112,960**	**2,643**	**799,579**
	14,633	42,910	635,460	12,850,520	13,415,224	23,799,222	19,977,216	22,160,907	514,952	93,411,043
	0	2	8	78	108	168	182	196	195	117

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 29 **Lodgepole pine with Douglas-fir, ponderosa pine or larch second**									
Zero to 10.4	**2,476**	**1,519**	**612**	**104**						**4,711**
	3,226	1,149	6,983	1,886						13,244
	1	1	11	18						3
10.5 to 19.4	**87**	**392**	**1,839**	**2,852**	**400**	**90**	**256**	**15**		**5,930**
	88	4,964	93,868	297,408	58,555	11,205	32,833	2,122		501,043
	1	13	51	104	146	125	129	142		85
19.5 to 28.4			**138**	**1,571**	**6,365**	**6,906**	**6,483**	**1,792**		**23,254**
			18,138	275,401	1,605,052	1,899,140	1,637,921	531,056		5,966,709
			132	175	252	275	253	296		257
28.5 to 37.4					**35**	**911**	**257**	**303**		**1,505**
					14,015	400,000	127,442	152,604		694,061
					406	439	497	504		461
ITG 29 Totals	**2,563**	**1,910**	**2,588**	**4,527**	**6,800**	**7,907**	**6,995**	**2,110**		**35,400**
	3,114	6013	118,990	574,695	1,677,622	2,310,345	1,798,197	685,782		7,175,056
	1	3	46	127	247	292	257	325		203

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 30 **Lodgepole pine with spruce, hemlock, fir, cedar, or western white pine second**									
Zero to 10.4	**11,051**	**1,319**	**1,542**	**2,467**	**600**	**92**	**227**	**186**		**17,485**
	13,196	203	5,218	33,885	5,679	3,780	628	1,766		64,355
	1	0	3	14	10	41	3	10		4
10.5 to 19.4	**1**	**336**	**3,093**	**8,776**	**4,975**	**6,489**	**7,100**	**12,821**	**10**	**43,601**
	4	5,245	99,085	765,249	495,970	842,387	890,073	1,981,636	2,261	5,081,911
	3	16	32	87	100	130	125	155	236	117
19.5 to 28.4		**15**	**85**	**2,212**	**5,101**	**19,863**	**! 13,591**	**28,036**	**1,415**	**70,317**
		202	18,036	374,286	1,244,927	4,891,375	3,567,464	7,998,016	431,873	18,526,177
		14	211	169	244	246	263	285	305	264
28.5 to 37.4				**36**	**124**	**833**	**264**	**3,514**	**23**	**4,795**
				14,626	50,657	338,005	114,935	1,641,267	11,354	2,170,843
				407	408	406	435	467	485	453
37.5 to 46.4								**17**		**17**
								10,985		10,985
								658		658
ITG 30 Totals	**11,053**	**1,671**	**4,720**	**13,491**	**10,800**	**27,277**	**21,182**	**44,573**	**1,448**	**136,214**
	13,201	5,650	122,339	1,188,046	1,797,232	6,075,547	4,573,099	11,633,671	445,488	25,854,272
	1	3	26	88	166	223	216	261	308	190

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 31	**Lodgepole pine with deciduous second**									
Zero to 10.4	**6,819**	**2,247**	**582**	**371**	**31**					**10,049**
	15,306	9,382	1,063	6,127	309					32,187
	2	4	2	17	10					3
10.5 to 19.4	**12**	**941**	**2,192**	**5,875**	**3,309**	**496**	**236**			**13,060**
	59	14,827	54,375	495,998	242,342	49,340	27,457			884,397
	5	16	25	84	73	100	116			68
19.5 to 28.4			**27**	**2,505**	**3,287**	**2,502**	**2,674**	**156**		**11,150**
			2,703	373,643	623,116	548,601	573,267	35,685		2,157,015
			102	149	190	219	214	229		19
28.5 to 37.4					**57**	**581**		**3**		**641**
					20,649	200,047		1,101		221,797
					364	345		334		346
ITG 31 Totals	**6,831**	**3,187**	**2,801**	**8,751**	**6,683**	**3,578**	**2,910**	**159**		**34,900**
	15,365	24,209	58,141	875,768	886,416	797,987	600,724	36,786		3,295,395
	2	8	21	100	133	223	206	231		94
ITG 34	**Larch with any species second except Douglas-fir**									
Zero to 10.4			**9**				**9**	**5**		**22**
10.5 to 19.4						**15**		**87**		**101**
19.5 to 28.4								**23**		**23**
ITG 34 Totals			**9**			**15**	**9**	**114**		**147**

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 35 **Cottonwood with any coniferous species second**									
Zero to 10.4	**209**									**209**
	603									603
	3									3
10.5 to 19.4		**24**	**20**		**17**					**60**
		235	1,175		463					1,873
		10	59		28					31
19.5 to 28.4				**8**	**46**	**67**	**59**	**28**		**207**
				597	4,408	5,864	7,946	3,628		22,442
				80	97	88	135	128		109
28.5 to 37.4				**36**	**173**	**88**	**82**	**96**		**475**
				4,655	22,643	11,725	14,483	18,578		72,085
				129	131	133	178	194		152
ITG 35 Totals	**209**	**24**	**20**	**44**	**235**	**155**	**141**	**124**		**950**
	603	235	1,175	5,252	27,514	17,589	22,430	22,206		97,003
	3	10	59	120	117	114	160	179		102
	ITG 36 **Cottonwood with any deciduous species second**									
Zero to 10.4	**63**	**9**								**72**
	231	220								451
	4	24								6
10.5 to 19.4	**2**	**7**	**51**	**25**		**1**				**86**
	59	509	1,931	1,737		12				4,247
	26	76	38	69		15				49
19.5 to 28.4			**50**	**177**	**274**	**221**	**49**	**26**		**796**
			3,244	14,179	25,828	16,625	4,236	2,109		66,221
			66	80	94	75	87	81		83
28.5 to 37.4				**22**	**159**	**388**	**260**	**66**		**895**
				2,502	17,939	44,722	26,024	8,963		100,149
				114	113	115	100	135		112
37.5 to 46.4					**36**	**5**	**20**	**151**		**211**
					5,389	592	3,029	32,630		41,639
					150	121	151	217		197
ITG 36 Totals	**65**	**16**	**100**	**224**	**469**	**615**	**328**	**243**		**2,061**
	290	729	5,175	18,417	49,156	61,951	33,288	43,702		212,708
	4	46	52	82	105	101	101	180		103

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 40 **Birch with any species second**									
Zero to 10.4	**1,104**	**330**	**5**	**9**						**1,448**
	19			54						73
				6						0
10.5 to 19.4	**9**	**923**	**1,539**	**1,571**	**498**	**6**		**16**		**4,562**
	30	4,609	53,050	78,482	28,101	383		619		165,275
	3	5	35	50	56	60		40		36
19.5 to 28.4			**397**	**6,716**	**6,337**	**370**	**40**			**13,859**
			31,161	733,762	924,919	59,072	7,104			1,756,037
			79	109	146	160	179			127
28.5 to 37.4					**297**	**11**				**307**
					77,654	3,360				81,014
					262	320				264
ITG 40 Totals	**1,113**	**1,253**	**1,940**	**8,46**	**7,132**	**387**	**40**	**16**		**20,176**
	49	4,609	84,210	812,298	1,030,674	62,815	7,104	619		2,002,376
	0	4	43	98	145	162	179	40		99
	ITG 41 **Aspen with any coniferous species second**									
Zero to 10.4	**5,231**	**567**	**3,043**	**593**	**99**					**9,534**
	1,940	176	1,045	2,776	438					6,375
	0	0	0	5	4					1
10.5 to 19.4	**42**	**1,266**	**4,194**	**3,588**	**2,319**	**627**	**713**	**12**		**12,760**
		11,187	106,822	231,955	106,848	42,499	51,658	1,155		552,124
		9	26	65	46	68	73	100		43
19.5 to 28.4			**262**	**4,219**	**3,655**	**2,176**	**432**	**40**		**10,783**
			26,751	511,686	599,933	352,433	83,157	4,924		1,578,884
			102	121	164	162	192	123		146
28.5 to 37.4					**39**	**200**	**20**	**6**		**264**
					9,787	58,740	5,731	1,781		76,039
					252	294	294	292		288
ITG 41 Totals	**5,272**	**1,833**	**7,500**	**8,399**	**6,111**	**3,002**	**1,165**	**58**		**33,341**
	1,940	11,363	134,618	746,417	717,006	453,672	140,546	7,860		2,213,422
	0	6	18	89	117	151	121	136		66

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 42 **Aspen with any deciduous species second**									
Zero to 10.4	**1,635**	**582**	**553**	**242**						**3,012**
	161	64	5	121						350
	0	0		1						0
10.5 to 19.4	**113**	**1,674**	**1,839**	**5,417**	**3,428**	**948**	**290**			**13,710**
	992	15,153	45,683	195,914	126,645	42,475	14,392			441,255
	9	9	25	36	37	45	50			32
19.5 to 28.4			**128**	**5,831**	**12,332**	**2,363**	**375**	**40**		**21,069**
			8,880	488,401	1,621,229	303,373	53,543	6,403		2,481,829
			70	84	132	128	143	160		118
28.5 to 37.4				**29**	**19**	**196**	**33**			**276**
				5,120	3,539	50,184	7,596			66,348
				178	189	256	231			241
ITG 42 Totals	**1,748**	**2,256**	**2,520**	**11,519**	**15,779**	**3,506**	**698**	**40**		**38,067**
	1,153	15,217	54,568	689,556	1,751,413	396,032	75,441	6,403		2,989,782
	1	7	22	60	111	113	108	160		79

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	All ITG	**Totals for Quesnel Timber Supply Area**								
Zero to 10.4	**95,990**	**41,602**	**40,632**	**25,883**	**18,733**	**1,827**	**4,517**	**3,204**	**39**	**232,427**
	99,349	64,857	51,408	246,733	191,610	60,529	4,302	25,537	10	743,334
	1	2	1	10	10	33	7	7	0	3
10.5 to 19.4	**799**	**7,603**	**66,435**	**156,759**	**103,645**	**82,997**	**59,898**	**93,118**	**2,433**	**574,687**
	29,527	115,488	1,494,139	11,416,052	8,795,114	7,443,232	6,384,748	12,193,318	392,325	48,263,943
	37	13	23	73	85	90	107	131	161	84
19.5 to 28.4		**462**	**2,516**	**64,105**	**81,398**	**120,071**	**99,117**	**145,849**	**10,973**	**524,491**
		37,487	316,492	9,624,058	17,178,247	29,486,499	24,399,263	38,601,754	2,984,992	122,628,790
		81	126	150	211	246	246	265	272	234
28.5 to 37.4		**112**		**331**	**2,887**	**11,468**	**4,877**	**48,354**	**9,487**	**77,517**
		4,463		93,735	970,194	4,274,200	1,722,039	17,522,848	3,287,813	27,875,292
		40		283	336	373	353	362	347	360
37.5 to 46.4		**12**			**36**	**5**	**20**	**2,935**	**349**	**3,357**
		909			5,389	592	3,029	1,447,496	163,057	1,620,472
		74			150	121	151	493	467	483
46.5 to 55.4						**10**				**10**
						7,189				7,189
						757				757
Totals	**96,790**	**50,791**	**109,583**	**247,077**	**206,699**	**216,377**	**168,429**	**293,460**	**23,281**	**1,412,488**
	127,876	223,204	1,862,039	21,380,577	27,140,554	41,272,241	32,513,380	69,790,952	6,828,197	201,139,020
	1	4	17	87	131	191	193	238	293	142
Area with no forest cover or no typing available										**275,178**
Total area										**1,687,666**

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)							Totals
0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1	**More than 80% Douglas-fir**							
2,835	**6,463**	**12,107**	**2,702**	**267**				**24,373**
5,636	703,984	2,860,684	1,020,000	136,353				4,726,657
2	709	236	378	512				194
ITG 2	**Douglas-fir with western white pine second**							
2	**5**	**69**	**110**	**53**				**239**
	574	17,284	46,058	29,359				93,276
	128	249	418	550				390
ITG 3	**Douglas-fir with hemlock or fir second**							
207	**64**	**45**		**39**				**354**
185	6,085	7,945		20,605				34,821
1	95	178		535				98
ITG 4	**Douglas-fir with spruce second**							
1,228	**1,403**	**5,053**	**1,986**	**74**				**9,744**
936	134,832	1,285,640	789,077	41,050				2,251,535
1	96	254	3,97	557				231
ITG 5	**Douglas-fir with lodgepole pine second**							
4,298	**5,634**	**14,403**	**3,704**					**28,039**
20,615	513,584	3,643,622	1,334,284					5,512,103
5	91	253	360					197
ITG 8	**Douglas-fir with deciduous second**							
1,737	**4,938**	**6,522**	**948**					**14,145**
6,958	540,109	1,443,020	285,375					2,275,402
4	109	221	301					161
ITG 9	**More than 80% western red cedar or yellow cedar**							
		85	**585**	**51**				**721**
		17,627	176,851	21,804				216,282
		207	302	429				300

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 10	**Western red cedar or yellow cedar with Douglas-fir or larch second**								
		7	**54**	**8**					**69**
		1,037	14,872	3,370					19,279
		146	277	416					280
ITG 11	**Western red cedar or yellow cedar with hemlock, fir, or spruce second**								
	144	**27**	**590**	**1,845**	**102**				**2,709**
	54	2,863	152,533	612,218	48,211				815,878
	0	105	258	332	471				301
ITG 12	**More than 80% Hemlock**								
			36						**36**
			9,959						9,959
			277						277
ITG 13	**Hemlock with Douglas-fir or larch second**								
				5					**5**
				2,219					2,219
				493					493
ITG 14	**Hemlock with western red cedar or yellow cedar second**								
			42	**66**					**108**
			11,116	31,191					42,307
			267	473					394
ITG 16	**Hemlock with spruce second**								
			3						**3**
			627						627
			184						184
ITG18	**More than 80% fir**								
	3,976	**8,326**	**4,451**						**16,753**
	16,955	578,332	1,017,667						1,612,955
	4	70	229						96

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)							Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 19	**Fir with hemlock, western red cedar, or yellow cedar second**								
		87							**87**
		7,219							7,219
		83							83
ITG 20	**Fir with spruce second**								
	4,962	**10,376**	**15,175**	**1,286**	**64**				**31,862**
	82,143	946,317	3,370,871	498,089	35,098				4,932,517
	17	91	222	388	548				155
ITG 21	**More than 80% spruce**								
	18,038	**4,887**	**9,152**	**10,448**	**404**				**42,930**
	54,802	493,094	2,440,593	3,737,449	204,413				6,930,350
	3	201	267	358	506				161
ITG 22	**Spruce with Douglas-fir, larch or ponderosa pine second**								
	635	**2,062**	**2,572**	**2,745**	**639**				**8,643**
	575	218,801	654,825	1,026,587	304,179				2,204,967
	1	107	255	374	476				255
ITG 23	**Spruce with hemlock or western red cedar second**								
	83	**7**	**832**	**803**					**1,726**
		1,203	208,074	258,835					468,112
		167	250	322					271
ITG 24	**Spruce with fir second**								
	4,816	**3,453**	**28,307**	**25,201**	**1,179**				**62,958**
	28,794	431,628	7,199,976	8,760,339	616,574				17,037,311
	6	125	254	348	523				271
ITG 25	**Spruce with lodgepole pine second**								
	6,790	**8,321**	**27,327**	**12,516**	**202**				**55,166**
	47,799	1,163,687	7,341,102	4,386,612	92,617				13,031,817
	7	140	269	351	459				236

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)								Totals
	0 to 10.4	10.5-19.4	19.5-28.4	28.5-37.4	37.5-46.4	46.5-55.4	55.5-64.4	64.5+	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 26	**Spruce with deciduous second**								
	3,204	**1,730**	**5,240**	**768**	**44**	**10**			**10,995**
	5,505	182,861	1,214,104	236,033	16,676	7,189			1,662,367
	2	106	232	307	379	757			151
ITG 28	**More than 80% lodgepole pine**								
	132,933	**423,036**	**240,967**	**2,631**	**12**				**799,579**
	354,739	34,705,607	57,161,357	1,188,430	909				93,411,043
	3	82	237	452	74				117
ITG 29	**Lodgepole pine with Douglas-fir, ponderosa pine or larch second**								
	4,711	**5,930**	**23,254**	**1,505**					**35,400**
	13,244	501,043	5,966,709	694,061					7,175,056
	3	85	257	461					203
ITG 30	**Lodgepole pine with spruce, hemlock, fir, cedar, or w. w. pine second**								
	17,485	**43,601**	**70,317**	**4,795**	**17**				**136,214**
	64,355	5,081,911	18,526,177	2,170,843	10,985				25,854,272
	4	117	264	453	658				190
ITG 31	**Lodgepole pine with deciduous second**								
	10,049	**13,060**	**11,150**	**641**					**34,900**
	32,187	884,397	2,157,015	221,797					3,295,395
	3	68	194	346					94
ITG 34	**Larch with any species second except Douglas-fir**								
	22	**101**	**23**						**147**
ITG 35	**Cottonwood with any coniferous species second**								
	209	**60**	**207**	**475**					**950**
	603	1,873	22,442	72,085					97,003
	3	31	109	152					102

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 36	**Cottonwood with any deciduous species second**								
	72	**86**	**796**	**896**	**211**				**2,061**
	451	4,247	66,221	100,149	41,639				212,708
	6	49	83	112	197				103
ITG 40	**Birch with any species second**								
	1,448	**4,562**	**13,859**	**307**					**20,176**
	73	165,275	1,756,017	81,074					2,002,378
	0	36	127	264					99
ITG 41	**Aspen with any coniferous species second**								
	9,534	**12,760**	**10,783**	**264**					**33,341**
	6,375	552,124	1,578,884	76,039					2,213,422
	1	43	146	288					66
ITG 42	**Aspen with any deciduous species second**								
	3,012	**13,710**	**21,069**	**276**					**38,067**
	350	441,255	2,481,829	66,348					2,989,782
	0	32	118	241					79
Totals for Quesnel Timber Supply Area									
	232,427	**574,667**	**524,491**	**77,517**	**3,357**	**10**			**1,412,488**
	743,334	48,263,943	122,628,790	27,875,292	1,620,472	7,189			201,139,020
	3	84	234	360	483	757			142

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 3: All Inventory Type Groups Older than 120 Years
(Age classes 7, 8, and 9)

	Height class (m)							Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1	**More than 80% Douglas-fir**								
	5	**214**	**5,152**	**1,862**	**267**				**7,499**
	74	34,664	1,224,706	703,030	136,353				2498,827
	16	162	238	378	511				280
ITG 2	**Douglas-fir with western white pine second**								
			69	**110**	**53**				**233**
			17,284	46,058	29,359				92,701
			249	418	550				8
ITG 3	**Douglas-fir with hemlock or fir second**								
		3			**39**				**42**
		510			20,605				21,116
		170			535				509
ITG 4	**Douglas-fir with spruce second**								
			1,074	**1,589**	**74**				**2,737**
			310,850	639,165	41,050				991,066
			289	402	557				362
ITG 5	**Douglas-fir with lodgepole pine second**								
		88	**5,448**	**2,691**					**8,228**
		11,136	1,403,547	978,469					2,393,152
		126	258	364					291
ITG 8	**Douglas-fir with deciduous second**								
		14	**413**	**47**					**475**
		626	84,089	17,943					102,659
		44	203	380					216
ITG 9	**More than 80% western red cedar or yellow cedar**								
			85	**585**	**51**				**721**
			17,627	176,851	21,804				216,282
			207	302	429				300

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)

By inventory type group and height class area (ha), volume (m^3), and volume per hectare (m^3/ha)

Report 3: All Inventory Type Groups Older than 120 Years

(Age classes 7, 8 and 9)

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 10	**Western red cedar or yellow cedar with Douglas-fir or larch second**								
		7	**54**	**8**					**69**
		1,037	14,872	3,370					19,279
		146	277	416					280
ITG 11	**Western red cedar or yellow cedar with hemlock, fir, or spruce second**								
		20	**590**	**1,845**	**102**				**2,556**
		2,241	152,533	612,218	48,211				815,203
		112	258	332	471				319
ITG 12	**More than 80% Hemlock**								
			19						**19**
			4,930						4,930
			254						254
ITG 13	**Hemlock with Douglas-fir or larch second**								
				5					**5**
				2,219					2,219
				493					493
ITG 14	**Hemlock with western red cedar or yellow cedar second**								
			42	**66**					**108**
			11,116	31,191					42,307
			267	473					394
ITG 16	**Hemlock with spruce second**								
			3						**3**
			627						627
			184						184
ITG 18	**More than 80% fir**								
	700	**6,941**	**3,954**						**11,595**
	4,952	418,517	869,842						1,293,312
	7	60	220						112

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 3: All Inventory Type Groups Older than 120 Years

(Age classes 7, 8 and 9)

Height class (m)								Totals
0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 20	**Fir with spruce second**							
997	**6,884**	**13,150**	**1,026**	**64**				**22,120**
4,273	685,579	2,908,865	385,535	35,098				4,019,349
4	100	221	376	548				182
ITG 21	**More than 80% spruce**							
2,099	**2,565**	**7,290**	**10,025**	**404**				**22,383**
16,246	240,661	1,985,166	3,590,180	204,413				6,036,665
8	94	272	358	506				270
ITG 22	**Spruce with Douglas-fir, larch or ponderosa pine second**							
21	**279**	**608**	**1,877**	**639**				**3,423**
	1,260	163,002	705,079	304,179				1,173,519
	5	268	376	476				343
ITG 23	**Spruce with hemlock or western red cedar second**							
		574	**803**					**1,378**
		146,244	258,835					405,079
		255	322					294
ITG 24	**Spruce with fir second**							
1,764	**1,079**	**25,421**	**24,779**	**1,179**				**54,221**
	137,495	6,502,336	8,599,785	616,574				15,856,190
	127	256	347	523				292
ITG 25	**Spruce with lodgepole pine second**							
925	**3,912**	**22,623**	**9,242**	**202**				**36,904**
1,182	654,615	6,178,253	3,144,433	92,617				10,071,099
1	167	273	340	459				273
ITG 26	**Spruce with deciduous second**							
5	**91**	**2,007**	**479**	**44**				**2,627**
	15,878	521,232	136,744	16,676				690,530
	175	260	285	379				263

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 3: All Inventory Type Groups Older than 120 Years

(Age classes 7, 8 and 9)

Height class (m)								Totals
0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 28	**More than 80% lodgepole pine**							
818	**111,799**	**112,105**	**752**					**225,474**
727	13,761,965	28,520,556	369,827					42,653,075
1	123	254	492					189
ITG 29	**Lodgepole pine with Douglas-fir, ponderosa pine or larch second**							
	270	**8,274**	**560**					**9,105**
	34,955	2,168,978	280,046					2,483,978
	129	262	500					273
ITG 30	**Lodgepole pine with spruce, hemlock, fir, cedar, or w. w. pine second**							
413	**19,931**	**43,041**	**3,802**	**17**				**67,203**
2,394	2,873,971	11,997,352	1,767,556	10,985				16,652,257
6	144	279	465	658				248
ITG 31	**Lodgepole pine with deciduous second**							
	236	**2,829**	**3**					**3,069**
	27,457	605,952	1,101					637,510
	116	215	334					208
ITG 34	**Larch with any species second except Douglas-fir**							
14	**87**	**23**						**124**
ITG 35	**Cottonwood with any coniferous species second**							
		87	**177**					**265**
		11,574	33,062					44,636
		133	186					169
ITG 36	**Cottonwood with any deciduous species second**							
		75	**326**	**171**				**571**
		6,345	34,987	35,658				76,990
		85	107	209				135

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 3: All Inventory Type Groups Older than 120 Years

(Age classes 7, 8, and 9)

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 40	**Birch with any species second**								
		16	**444**						**44**
		619	7,104						7,723
		40	179						140
ITG 41	**Aspen with any coniferous species second**								
		725	**472**	**26**					**1,223**
		52,813	88,081	7,512					148,406
		73	186	293					121
ITG 42	**Aspen with any deciduous species second**								
		290	**415**	**33**					**738**
		14,392	59,946	7,506					81,844
		50	144	232					111
Totals for Quesnel Timber Supply Area									
	7,760	**155,449**	**255,939**	**62,718**	**3,304**				**485,170**
	29,849	18,970,391	65,986,008	22,532,700	1,613,582				109,132,529
	4	122	258	359	488				225

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By Inventory Type Group for Each Height class
volume (m^3), and volume per hectare (m^3/ha)

Report 4: Lodgepole Pine or Deciduous Leading Older than 120 Years Other Species Leading Older than 140 years

Age classes 7, 8 and 9 for ITG 28 to 31 and 35 to 42; all other ITGs age classes 8 and 9

	Height class (m)								Totals
	0 to 10.4	10.5-19.4	19.5-28.4	28.5-37.4	37.5-46.4	46.5-55.4	55.5-64.4	64.5+	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 1	**More than 80% Douglas-fir**								
	5	**29**	**2,906**	**1,504**					**267**
	74	3,524	741,614	562,165	136,353				1,463,731
	16	120	255	387	511				311
ITG 2	**Douglas-fir with western white pine second**								
			37	**110**	**53**				**200**
			11,854	46,058	29,359				87,271
			321	418	850				435
ITG 3	**Douglas-fir with hemlock or fir second**								
		3			**39**				**42**
		510			20,605				21,116
		170			535				509
ITT 4	**Douglas-fir with spruce second**								
			660	**1,282**	**74**				**2,016**
			195,196	522,731	41,050				758,978
			296	408	557				377
ITG 5	**Douglas-fir with lodgepole pine second**								
		88	**2,940**	**1,533**					**4,561**
		11,136	792,189	573,646					1,376,972
		126	269	374					302
ITG 8	**Douglas-fir with deciduous second**								
			122	**31**					**153**
			32,522	11,570					44,093
			267	371					289

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)

By Inventory Type Group for Each Height class
volume (m^3), and volume per hectare (m^3/ha)

Report 4: Lodgepole Pine or Deciduous Leading Older than 120 Years Other Species Leading Older than 140 years

Age classes 7, 8 and 9 for ITG 28 to 31 and 35 to 42; all other ITGs age classes 8 and 9

	Height class (m)							Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha
ITG 9	**More than 80% western red cedar or yellow cedar**								
			85 17,627 207	**585** 176,851 302	**51** 21,804 429				**721** 216,282 300
ITG 10	**Western red cedar or yellow cedar with Douglas-fir or larch second**								
			54 14,872 277	**8** 3,370 416					**62** 18,242 295
ITG 11	**Western red cedar or yellow cedar with hemlock, fir, or spruce second**								
			590 152,533 258	**1,845** 612,218 332	**102** 48,211 471				**2,538** 812,962 320
ITG 12	**More than 80% Hemlock**								
			19 4,930 254						**19** 4,930 254
ITG 13	**Hemlock with Douglas-fir or larch second**								
				5 2,219 493					**5** 2,219 493
ITG 14	**Hemlock with western red cedar or yellow cedar second**								
			42 11,116 267	**66** 31,191 403					**108** 42,307 394

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)

By Inventory Type Group for Each Height class
volume (m^3), and volume per hectare (m^3/ha)

Report 4: Lodgepole Pine or Deciduous Leading Older than 120 Years Other Species Leading Older than 140 years

Age classes 7, 8 and 9 for ITG 28 to 31 and 35 to 42; all other ITGs age classes 8 and 9

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 18	**More than 80% fir**								
	598	**6,316**	**3,762**						**10,675**
	4,633	352,053	811,579						1,168,266
	8	56	216						109
ITG 20	**Fir with spruce second**								
	393	**6,373**	**12,462**	**1,026**	**84**				**20,318**
	3,917	638,182	2,742,304	385,535	35,098				3,805,035
	10	100	220	376	548				187
ITG 21	**More than 80% spruce**								
	1,384	**1,970**	**6,270**	**9,868**	**404**				**19,897**
	14,122	173,925	1,712,719	3,528,066	204,413				5,633,245
	10	88	273	358	506				283
ITG 22	**Spruce with Douglas-fir, larch or ponderosa pine second**								
	21	**266**	**374**	**1,764**	**639**				**3,064**
		1,260	97,834	664,235	304,179				1,067,508
		5	261	377	476				348
ITG 23	**Spruce with hemlock or western red cedar second**								
			574	**803**					**1,378**
			146,244	258,835					405,079
			255	322					294
ITG 24	**Spruce with fir second**								
	17	**932**	**24,580**	**24,402**	**1,179**				**51,110**
		113,798	6,276,452	8,453,492	616,574				15,460,316
		122	255	346	523				302

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)

By Inventory Type Group for Each Height class
volume (m^3), and volume per hectare (m^3/ha)

Report 4: Lodgepole Pine or Deciduous Leading Older than 120 Years Other Species Leading Older than 140 years

Age classes 7, 8 and 9 for ITG 28 to 31 and 35 to 42; all other ITGs age classes 8 and 9

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.5**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 25	**Spruce with lodgepole pine second**								
	78	**3,080**	**18,172**	**8,270**	**202**				**29,802**
	1,006	509,517	4,998,957	2,837,907	92,617				8,440,004
	13	165	275	343	459				283
ITG 26	**Spruce with deciduous second**								
	5	**22**	**448**	**358**	**44**				**877**
		4,110	111,872	99,564	16,676				232,222
		185	250	278	379				265
ITG 28	**More than 80% lodgepole pine**								
	818	**111,799**	**112,105**	**752**					**225,474**
	727	13,761,965	28,520,556	369,827					42,653,075
	1	123	254	492					189
ITG 29	**Lodgepole pine with Douglas-fir, ponderosa pine or larch second**								
		270	**8,274**	**560**					**9,105**
		34,955	2,168,978	280,046					2,483,978
		129	262	500					273
ITG 30	**Lodgepole pine with spruce, hemlock, fir, cedar, or w. w. pine second**								
	413	**19,931**	**43,041**	**3,802**	**17**				**67,203**
	2,394	2,873,971	11,997,352	1,767,556	10,985				16,652,257
	6	144	279	465	658				248
ITG 31	**Lodgepole pine with deciduous second**								
		236	**2,829**	**3**					**3,069**
		27,457	608,952	1,101					637,510
		116	215	334					208

Quesnel Timber Supply Area

In the Cariboo Forest Region (TSA 26)
By Inventory Type Group for Each Height class
volume (m^3), and volume per hectare (m^3/ha)

Report 4: Lodgepole Pine or Deciduous Leading Older than 120 Years Other Species Leading Older than 140 years

Age classes 7, 8 and 9 for ITG 28 to 31 and 35 to 42; all other ITGs age classes 8 and 9

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 34	**Larch with any species second except Douglas-fir**								
	5	**87**	**23**						**114**
ITG 35	**Cottonwood with any coniferous species second**								
			87	**177**					**265**
			11,574	33,062					44,636
			133	186					169
ITG 36	**Cottonwood with any deciduous species second**								
			75	**326**	**171**				**571**
			6,345	34,987	35,658				76,990
			85	107	208				135
ITG 40	**Birch with any species second**								
		16	**40**						**55**
		619	7,104						7,723
		40	179						140
ITG 41	**Aspen with any coniferous species second**								
		725	**472**	**26**					**1,223**
		52,813	88,081	7,512					148,406
		73	186	293					121
ITG 42	**Aspen with any deciduous species second**								
		290	**415**	**33**					**738**
		14,392	59,946	7,506					81,844
		50	144	231					111
	3,735	**1 52,433**	**241,460**	**59,139**	**3,314**				**460,070**
	26,873	18,574,187	62,341,301	21,291,250	1,613,582				103,847,193
	7	122	258	360	488				226

Ilgachuz Range Ecological Reserve

In the Cariboo Forest Region (SC 864) Ecol. Res. 84
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 18 **More than 80% Douglas-fir**									
Zero to 10.4							**9**			**9**
	ITG 20 **Fir with spruce second**									
Zero to 10.4							**21**	**71**		**92**
	ITG 24 **Spruce with fir second**									
10.5 to 19.4								**101**		**101**
								9,440		9,440
								93		93
	ITG 25 **Spruce with lodgepole pine second**									
10.5 t0 19.4								**38**		**38**
								9,417		9,417
								247		247
	ITG 28 **More than 80% lodgepole pine**									
Zero to 10.4							**11**			**11**
10.5 to 19.4							**1**	**21**	**16**	**38**
							76	2,960	2,737	5,773
							f06	140	170	152
ITG 28 Totals							**11**	**21**	**16**	**49**
							76	2,960	2,737	5,773
							7	140	170	119

Ilgachuz Range Ecological Reserve

In the Cariboo Forest Region (SC 864) Ecol. Res. 84
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area / Volume / Vol/ha									
ITG 30	**Lodgepole pine with spruce, hemlock, fir, cedar, or western white pine second**									
Zero to 10.4							**38**	**28**		**66**
10.5 to 19.4							**14**	**0**		**14**
							1,619	15		1,634
							120	160		120
ITG 30 Totals							**51**	**29**		**80**
							1,619	11		1,634
							32	1		21
All ITG	**Totals for Ilgachuz Range Ecological Reserve**									
Zero to 10.4							**78**	**100**		**178**
10.5 to 19.4							**14**	**161**	**16**	**191**
							1,694	21,832	2,737	26,264
							119	136	170	137
Totals							**92**	**261**	**16**	**369**
							1,694	21,832	2,737	26,264
							18	84	170	71
Area with no forest cover or no typing available										**1,839**
Total area										**2,208**

Ilgachuz Range Ecological Reserve

In the Cariboo Forest Region (SC 864) Ecol. Res. 84
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 18	**More than 80% fir**								
	9								**9**
ITG 20	**Fir with spruce second**								
	92								**92**
ITG 24	**Spruce with fir second**								
		101							**101**
		9,440							9,440
		93							93
ITG 25	**Spruce with lodgepole pine second**								
		38							**38**
		9,417							9,417
		247							247
ITG 28	**More than 80% lodgepole pine**								
	11	**38**							**49**
		5,773							5,773
		152							t19
ITG 30	**Lodgepole pine with spruce, hemlock, fir, cedar, or w. w. pine second**								
	66	**14**							**80**
		1,634							1,634
		120							21
Totals for Ilgachuz Range Ecological Reserve									
	178	**191**							**369**
		26,264							26,264
		137							71

Ilgachuz Range Ecological Reserve

In the Cariboo Forest Region (SC 864) Ecol. Res. 84
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 3: All Inventory Type Groups Older than 120 Years

(age classes 7, 8, and 9)

Height class (m)								Totals
0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
Area Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha
ITG 18	**More than 80% fir**							
9								**9**
ITG 20	**Fir with spruce second**							
92								**92**
ITG 24	**Spruce with fir second**							
	101 9,440 93							**101** 9,440 93
ITG 25	**Spruce with lodgepole pine second**							
	38 9,417 247							**38** 9,417 247
ITG 28	**More than 80% lodgepole pine**							
11	**38** 5,773 152							**49** 5,773 119
ITG 30	**Lodgepole pine with spruce, hemlock, fir, cedar, or w. w. pine second**							
66	**14** 1,634 120							**80** 1,634 21
Totals for Ilgachuz Range Ecological Reserve								
178	**191** 26,264 137							**369** 26,264 71

Ilgachuz Range Ecological Reserve

In the Cariboo Forest Region (SC 864) Ecol. Res. 84
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 4: Lodgepole Pine or Deciduous Leading Older than 120 Years Other Species Leading Older than 140 years

Age classes 7, 8, and 9 for ITG 28 to 31 and 35 to 42; all other ITGs age classes 8 and 9

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha
ITG 20	**Fir with spruce second**								
	71								**71**
ITG 24	**Spruce with fir second**								
		101							**101**
		9,440							9,440
		93							93
ITT 25	**Spruce with lodgepole pine second**								
		38							**38**
		9,417							9,417
		247							247
ITG 28	**More than 80% lodgepole pine**								
	11	**38**							**49**
		5,773							5,773
		152							119
ITG 30	**Lodgepole pine with spruce, hemlock, fir, cedar, or w. w. pine second**								
	66	**14**							**80**
		1,634							1,634
		120							21
	148	**191**							**339**
		26,264							26,264
		137							77

Ilgachuz Range Ecological Reserve

In the Prince George Forest Region (SC 864) Ecol. Res. 64
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 20 **Fir with spruce second**									
Zero to 10.4							**16**	**16**		**32**
10.5 to 19.4								**23**		**23**
								1,270		1,270
								55		55
ITG 20 Totals							**16**	**39**		**55**
								1,270		1,270
								33		23
	All ITG **Totals for Ilgachuz Range Ecological Reserve**									
Zero to 10.4							**16**	**16**		**32**
10.5 to 19.4								**23**		**23**
								1,270		1,270
								55		55
Totals							**16**	**39**		
								1,270		1,270
								33		23
Area with no forest cover or no typing available										**674**
Total area										**729**

Ilgachuz Range Ecological Reserve

In the Prince George Forest Region (SC 864) Ecol. Res. 64
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 20	**Fir with spruce second**								
	32	**23**							**55**
		1,270							1,270
		55							23
Totals for Ilgachuz Range Ecological Reserve									
	32	**23**							**55**
		1,270							1,270
		55							55

Report 3: All Inventory Type Groups Older than 120 Years

(Age classes 7, 8, and 9)

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 20	**Fir with spruce second**								
	32	**23**							**55**
		1,270							1,270
		55							23
Totals for Ilgachuz Range Ecological Reserve									
	32	**23**							**55**
		1,270							1,270
		55							55

Ilgachuz Range Ecological Reserve

In the Prince George Forest Region (SC 864) Ecol. Res. 64
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 4: Lodgepole Pine or Deciduous Leading Older than 120 Years Other Species Leadidng Older than 140 years

Age classes 7, 8 and 9 for ITG 28 to 31 and 35 to 42; all other ITGs age classes 8 and 9

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 20	**Fir with spruce second**								
	16	**23**							**39**
		1,270							1,270
		55							33
	16	**23**							**39**
		1,270							1,270
		55							33

Pinnacles Provincial Park

In the Cariboo Forest Region (SC 701)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area / Volume / Vol/ha									**Area** / Volume / Vol/ha
ITG 5 **Douglas-fir with lodgepole pine second**										
28.5 to 37.4						**19** / 6,585 / 348				**19** / 6,585 / 348
ITG 26 **Spruce with deciduous second**										
19.5 to 28.4				**23** / 5,219 / 224						**23** / 5,219 / 224
ITG 28 **More than 80% lodgepole pine**										
19.5 to 28.4					**20** / 4,991 / 248					**20** / 4,991 / 248
ITG 30 **Lodgepole pine with spruce, hemlock, fir, cedar, or western white pine second**										
28.5 to 37.4						**9** / 2,364 / 278				**9** / 2,364 / 278
ITG 40 **Birch with any species second**										
19.5 to 28.4				**11** / 914 / 86						**11** / 914 / 86
ITG 41 **Aspen with any coniferous species second**										
19.5 to 28.4					**20** / 2,621 / 129					**20** / 2,621 / 129
ITG 42 **Aspen with any deciduous species second**										
10.5 to 19.4			**16** / 390 / 24							**16** / 390 / 24
19.5 to 28.4				**5** / 540 / 511						**5** / 540 / 102

Pinnacles Provincial Park

In the Cariboo Forest Region (SC 701)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	All ITG **Totals for Pinnacles Provincial Park**									
10.5 to 19.4			**16**							**16**
			390							390
			24							24
19.5 to 28.4				**39**	**40**					**80**
				6,673	7,612					14,285
				222	188					188
28.5 to 37.4						**27**				**27**
						8,942				8,949
						327				327
Totals			**16**	**39**	**40**	**27**				**123**
			390	6,673	7,612	8,949				23,623
			24	170	188	327				192
Total area										**123**

Pinnacles Provincial Park

In the Cariboo Forest Region (SC 701)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 5	**Douglas-fir with lodgepole pine second**								
				19					**19**
				6,585					6,585
				348					348
ITG 26	**Spruce with deciduous second**								
			23						**23**
			5,219						5,219
			224						224
ITG 28	**More than 80% lodgepole pine**								
			20						**20**
			4,991						4,991
			248						248
ITG 30	**Lodgepole pine with spruce, hemlock, fir, cedar, or w. w. pine second**								
				9					**9**
				2,364					2,364
				278					278
ITG 40	**Birch with any species second**								
			11						**11**
			914						914
			86						86
ITG 41	**Aspen with any coniferous species second**								
			20						**20**
			2,621						2,621
			129						129
ITG 42	**Aspen with any deciduous species second**								
		16	**5**						**22**
		390	540						930
		24	102						43
Totals for Pinnacles Provincial Park									
		16	**80**	**27**					**123**
		390	14,285	8,949					23,623
		24	179	327					192

Wendle Provincial Park

In the Cariboo Forest Region (SC 588)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
	ITG 18 **More than 80% fir**									
10.5 to 19.4					**10**					**10**
					499					499
					50					50
	ITG 20 **Fir with spruce second**									
Zero to 10.4					**11**					**11**
					363					363
					32					32
10.5 to 19.4					**27**					**27**
					3,820					3,820
					142					142
19.5 to 28.4						**3**				**3**
						609				609
						234				234
ITG 20 Totals					**38**	**3**				**41**
					4,183	609				4,792
					110	234				118
	ITG 21 **More than 80% spruce**									
28.5 to 37.4								**39**	**56**	**95**
								14,060	16,429	30,489
								363	291	321
	ITG 28 **More than 80% lodgepole pine**									
19.5 to 28.4					**4**	**23**				**27**
					1,110	4,280				5,390
					271	164				197
	ITG 30 **Lodgepole pine with spruce, hemlock, fir, cedar, or western pine second**									
19.5 to 28.4					**35**					**35**
					6,054					8,054
					230					230

Wendle Provincial Park

In the Cariboo Forest Region (SC 588)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 1: By Age class

Height class (m)	Age class (yr) 1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-250	+250	Totals
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
All ITG	**Totals for Wendle Provincial Park**									
Zero to 10.4					**11**					**11**
					363					363
					32					32
10.5 to 19.4					**37**					**37**
					4,319					4,319
					117					117
19.5 to 28.4					**39**	**26**				**65**
					9,163	4,889				14,053
					234	189				216
28.5 to 37.4								**39**	**56**	**95**
								14,060	16,429	30,489
								363	291	321
Totals					**87**	**26**		**39**	**56**	**208**
					13,845	4,889		14,060	16,429	49,223
					159	189		363	291	236
Area with no forest cover or no typing available										**30**
Total area										**239**

Wendle Provincial Park

In the Cariboo Forest Region (SC 588)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 2: All Ages

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 18	**More than 80% fir**								
		10							**10**
		499							499
		50							50
ITG 20	**Fir with spruce second**								
	11	**27**	**3**						**41**
	363	3,820	609						4,792
	32	142	234						118
ITG 21	**More than 80% spruce**								
				95					**95**
				30.489					30,489
				321					321
ITG 28	**More than 80% lodgepole pine**								
			27						**27**
			5,390						5,390
			197						197
ITG 30	**Lodgepole pine with spruce, hemlock, fir, cedar, or w. w. pine second**								
			35						**35**
			8,054						8,054
			230						229
Totals for Wendle Provincial Park									
	11	**37**	**65**	**95**					**208**
	363	4,319	14,053	30,489					49,223
	32	117	216	321					236

Wendle Provincial Park

In the Cariboo Forest Region (SC 588)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 3: All Inventory Type Groups Older than 120 Years

(Age classes 7, 8, and 9)

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha	**Area** Volume Vol/ha
ITG 21	**More than 80% spruce**								
				95 30,483 321					**95** 30,489 321
Totals for Wendle Provincial Park									
				95 30,489 321					**95** 30,489 321

Wendle Provincial Park

In the Cariboo Forest Region (SC 588)
By inventory type group and height class area (ha),
volume (m^3), and volume per hectare (m^3/ha)

Report 4: Lodgepole Pine or Deciduous Leading Older than 120 Years Other Species Leading Older than 140 years

Age classes 7, 8 and 9 for ITG 28 to 31 and 35 to 42; all other ITGs age classes 8 and 9

	Height class (m)								Totals
	0 to 10.4	**10.5-19.4**	**19.5-28.4**	**28.5-37.4**	**37.5-46.4**	**46.5-55.4**	**55.5-64.4**	**64.5+**	
	Area	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**	**Area**
	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha	Vol/ha
ITG 21	**More than 80% spruce**								
				95					**95**
				30,489					30,489
				321					321
				95					**95**
				30,489					30,489
				321					321