The Forest Carbon Certification Project in Iceland
a case study

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Forord

Denne masteroppgaven er min avslutning av masterstudie i skogfag ved Instituttet for Naturforvaltning ved Universitetet for miljø- og biovitenskap på Ås. Oppgaven, som er 30 studiepoeng (ECTS), er en del av større prosjekt på Island.

Min hovedveileder ved instituttet Ole Martin Bollandsås, får stor takk for veiledning, konstruktiv kritikk og tålmodighet. Min medveileder på Island, Brynhildur Bjarnadóttir, får takk for all hjelp og oppmuntrering. Arnór Snorrason og Björn Traustason på Mógilsá får takk for all hjelp de har bidratt med, spesielt i feltarbeidet, og Ólafur Eggertsson får takk for hjelp med årring analyse. Ólöf, Hlynur og Bjarki får også stor takk for hjelp i feltet.

For økonomisk støtte vil jeg takke den islandske statens energiselskap, Landsvirkjun, og Framleiðnisjóður landbúnaðarins (e. The Agricultural Productivity Fund).

Til slutt vil jeg gi en stor takk til mannen min, Haukur, sønnene Stefán Snær og Þórður Logi, familien min og alle venner som har støttet og oppmuntret meg underveis.

Ås, 10. mai 2011

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Abstract

This study is a part of a bigger project aimed to develop a certification system for carbon stock changes due to afforestation in Iceland. This is interesting because carbon credits created by removals of CO_2 from the atmosphere then can be marketed when markets for such products open. This study focuses on measuring the carbon stock changes on afforestation sites by carrying out a case study on three different estates where afforestation has been carried out. The specific aim of the study is to see if conventional forest inventory practices have to be altered to meet requirements of authorized carbon stock accounting. The study will also analyze the inventory costs and accuracy to point out the most efficient and economic measurement intensity.

Sammendrag

Denne oppgaven er en del av et større prosjekt som handler om å utvikle et sertifiseringssystem for karbonbinding i skog på Island. Oppgaven fokuserer på tremåling, beregninger av biomasse, karbonlagring og endringer i karbonlagring på tre skogeiendommer i såkalt case study. Målsettingen er å undersøke om tradisjonelle tremålingsmetoder oppfyller kravene for å beregne karbonregnskapet til den enkelte skogeiendom. Tidsforbruk og kostnader ved feltarbeid på de enkelte eiendommene ble også vurdert.

Samantekt

Þessi ritgerð er hluti af stærra verkefni sem hefur það að markmiði að þróa vottunarkerfi fyrir kolefnisbindingu í íslenskri skógrækt. Í ritgerðinni er sjónum beint að mælingum á kolefnisforða og breytingum á kolefnisforða í nytjaskógrækt með prófrannsókn (e. case study) á þremur skógræktarjörðum. Markmiðið með þessari prófrannsókn er að skoða hvort hefðbundnar skógmælingaaðferðir uppfylli þær kröfur sem þarf til að geta reiknað út og haldið utan um kolefnisbókhald einstakra jarða. Einnig er kostnaður og tími á vettvangsvinnunni lítillega skoðaður.

Contents

1. Introduction

Scientists agree that increased concentration of greenhouse gases (CO_2, CH_4, CHCF, etc.) from human activities in the atmosphere are the main driver for climate change (IPCC 2007). One of the most important gases in this respect is carbon dioxide (CO_2). Studies on how the climate has fluctuated through the millenniums have mostly been carried out using ice cores. These studies indicate that the amount of CO_2 in the atmosphere has varied from 180 to 280 ppm over the last 420.000 years (Petit et al. 1999). However, from the beginning of the industrial revolution, the level of atmospheric CO_2 has increased beyond this interval (Falkowski et al. 2000). For example, a level of 392 ppm was recorded at Mona Loa, Hawaii in March 2011 (NOAA 2011). Since 1958, the CO_2 level at Mona Loa has increased steadily (figure 1).

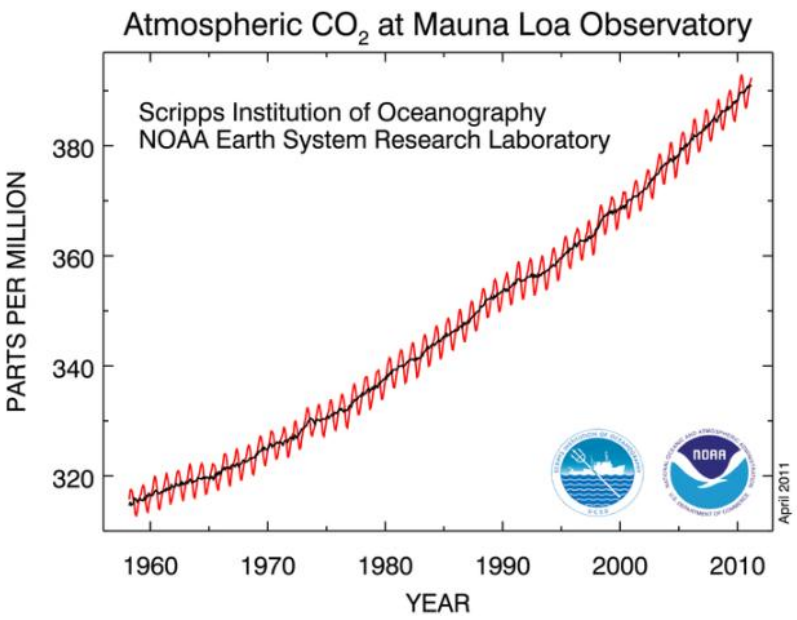

Figure 1. Monthly mean atmospheric carbon dioxide measured at Mauna Loa Observatory, Hawaii last decades (NOAA 2011).

The increase of CO_2 in the atmosphere has led to rising temperatures caused by human activities such as the use of fossil fuels, deforestation and land use changes (Schimel 1995). Von Storch and Stehr (2000) showed that atmospheric CO_2 plays a critical role in regulating the earth´s temperature.

During the past century, global mean surface air temperature has increased by 0,74°C (IPCC 2007). Estimating future climate is often done with global climate models that take into account all foreseeable forcing. According to many of these models, changes in temperature, precipitation and variation in the length of growing season are predicted to become larger in high, northern latitudes compared to the rest of the world (IPCC 2007).

In 1997, the Kyoto Protocol was approved at the United Nations Climate conference in Kyoto, Japan (UNFCCC 2011). The Nordic countries, including Iceland, have been supporters of the Kyoto protocol in their sustainable development plans for 2001-2004 (Nordisk ministerråd 2001).

It is a protocol to the United Nations Framework Convention on Climate Change (UNFCCC). The aim of the Kyoto protocol is to keep greenhouse gas concentrations in the atmosphere within the risk limits to minimize the effect of human activity on the climate. To achieve this goal there are two main approaches; to reduce emissions of greenhouse gases or remove CO_2 from the atmosphere and sequestrate it into organic matter (UNFCCC 2011). Increasing the storage of CO_2 was limited to two activities; increasing the rate at which CO_2 is removed from the atmosphere by afforestation and reducing the net loss of CO_2 to the atmosphere caused by deforestation.

Carbon sequestration through afforestation and land reclamation is the process of converting atmospheric carbon dioxide, into organic matter stored in vegetation and soil. It is an important environmental service that can be increased by afforestation and the management of established forests (Hyvonen et al. 2007). The possibilities for carbon sequestration in Iceland are considerable through afforestation and land reclamation because of the vast available areas for such activities. Concrete actions for utilizing these opportunities made by regional forestry projects which goal is that 5% of the lowland of Iceland are to be covered with forests (Alþingi 1999). There are also other projects with targets such as preventing soil destruction, restoration of damaged ecosystems and ash distribution (Hekluskógar 2011; Soil Conservation Service of Iceland 2011).

1.1 Aim of this study

This study is a part of The Forest Carbon Certification Project (FCCP) in Iceland. The main aim is to develop all links in a system that can estimate carbon stock change in forests in Iceland, at least down to units as small as one estate (preferably down to strata or stand level) in the nearest past, present and nearest future (-5, 0, +5 years). This estimation has to be done in a thoroughly described, transparent, scientific manner with sound controlling systems for certification. The benefits of FCCP will be credible estimates of carbon sequestration in forestry, making it a product that forest owner can sell. The certification system is then a useful system for the farmers to sell certified carbon, whether in private or public carbon markets in the future.

In the future the actors in the system will be:

- **The forest owner:** He has to decide if he wants to get his Carbon budget estimated and certified. He will probably pay for the inventory and in the future get the revenue of the sequestration.
- **The Regional afforestation projects:** For the forest owner they are the professional and administrative contacts. The task of the regional afforestation projects can be to organize the field work, analyze the data and make carbon reports for each estate. The work itself can either be carried out by professionals at the regional afforestation projects or by outsourcing to private enterprise.
- **Iceland forest research:** Will be the certificatory institution.

The study focuses on measuring the carbon stock changes on afforestation sites by carrying out a case study on three different afforestation estates.

The aims of the study are:

- To assess if there is a need to change today's conventional inventory system in relation to accurate accounting of the changes in the C-stock.

- To assess conventional forest inventory practices can be altered to meet requirements of authorized carbon stock accounting for shorter and longer time periods.
- To look at the inventory costs and accuracy to point out the most efficient and economic measurement intensity.

2. Status of knowledge in Iceland on carbon sequestration for local tree species

In a study, such as the current, dealing with carbon sequestration for specific geographical area, it is important to know the basics in terms of growth of local species. It is also necessary to have knowledge about how the sequestration of carbon is distributed between biomass and soil when areas are afforested or reforested. Such knowledge is necessary in order to make sound conclusions.

The first research related to carbon cycle in Icelandic forests began in 1994 in the experimental forest in Gunnarsholt (Soil Conservation Service of Iceland) in Southern Iceland. The results of that study indicated that a 10 years old Black cottonwood *Populus trichocarpa* stand sequestrated 3.7 tons of $CO_2 ha^{-1} yr^{-1}$ and for the most part the sequestration occurred in the soil, and not in the wood of trees (Bergh et al. 2003; Sigurdsson B.D 2001; Valentini et al. 2000).

In 1997 the Icelandic government launched initiatives to increase carbon sequestration through afforestation and soil conservation. Special emphasis was on reinforcing research on carbon sequestration (Ministry for the Environment in Iceland 2006). To estimate the mean annual C-stock at afforestation sites, a methodology for determining the total organic C-stock was developed. This methodology was based on a comparison between C-stock on afforestation sites and adjacent pastures that had the same soil type with the same land-use-history. The main results of this research was that mean sequestration in trees was about 0.6-11 tons of $CO_2 ha^{-1} yr^{-1}$ (Snorrason et al. 2002).

Over the last 10 years there has been an increasing rate of afforestation in Iceland, because of a legislation passed in 1999. The target of this law was to reach 5% forest cover on lowland areas in Iceland. The definition of "lowland" is all land below 400 meters above sea level. As a result of this legislation, several regional afforestation projects were established (Alþingi 1999). A major objective for the afforestation is timber production but also a general reform of farmlands with respect to soil conservation. Besides those two objectives, all forests will contribute to the sequestration of $CO_2$from the atmosphere, which is a value in itself.

A new strategic plan that listed carbon sequestration as one of the four main objectivities in relation to the CO_2 reduction from the atmosphere, was adopted Iceland in 2002. The strategic plan covered the period 2003-2014. The Icelandic parliament has also adopted a five year plan for forestry, with special attention on carbon sequestration (Ministry for the Environment in Iceland 2007). This shows that increasing C sequestration in biomass and soil is still an important part of Iceland climate strategy.

In 2005 the Icelandic Forest research launched its National Forest Inventory with main goal to sample data to provide a basis for qualified estimates of afforested areas and their carbon stocks. Data sampling began in the field in 2005 and is based on systematic sample plots, laid out in 500*1000 meter sample grid in all mapped afforestation areas greater than 0.5 ha. The national carbon sequestration for a time period will be calculated after two five year cycles (Snorrason & Kjartansson 2004). Icelandic Forest research is responsible for calculations on carbon stock and carbon stock changes in Iceland in addition to collecting and delivering data to FAO (Traustason & Snorrason 2008).

Carbon sequestration through afforestation and soil conservation will play an important role in reducing greenhouse gases in Iceland (Davidsdottir B. et al. 2009).

3. The Forest Carbon Certification Project (FCCP)

Participants of afforestation projects in Iceland are farmers and other landowners. In 2008, as a consequence of the large-scale of these projects, the Forest Owner Association in Iceland (FOA) started considering the possibility of selling Carbon credits. FOA contacted special domestic certification firms to see if it was possible to get them to certify the carbon budget of forests. The definition of carbon budget is: "Sum of all exchanges (inflows and outflows) of carbon compounds by a firm or a country" (BusinessDictionary.com). However, the certification firms did not have the required professional competence to undertake such a task. Therefore, it was proposed to develop a system that estimates carbon stock change in forests in Iceland. This idea is now being manifested into a project which will be in cooperation between the FOA, Icelandic Forest research and the Regional Afforestation projects which is responsible for National Forest Inventory. The main aim is to develop a certification system for carbon sequestration in Iceland. It is clear that such certification has to be credible and based on internationally recognized norms for estimation of carbon sequestration in forests. Subsequently, it should create a credible inland market for carbon sequestration. If such a market exist, it is also possible for forest owners to have an income from carbon sequestration in addition to regular forest activities such as timber and fiber production. Market for CO_2 quotas will probably also increase the interest for forestry in Iceland. The certification system can therefore be an incentive to increase the afforestation activities.

Abroad, domestic public markets, which trade in carbon through afforestation, have existed for long time, e.g. in Australia (Department of Climate change 2008) and New Zealand (Ministry of Agriculture and Forestry 2010). However the European Union Emissions Trading Scheme is probably the oldest and biggest carbon market in the world. It was launched in 2005 and is mandatory for all EU member states and covers nearly half of all EU carbon emissions. Member states allocate a quota of carbon emissions allowances to industrial installations. Companies get most permits free now but many electricity generators will have to pay for all these from 2013. Companies can buy carbon offsets

from developing countries if that works out cheaper than reducing their own emissions (European Commission 2011).

4. Methods

4.1 This study

In order to develop a sound system for estimating carbon stock change in forests, it needs to be tested. Such a test can, for example, be a case study on small areas. The definition of case study is study of a specific real life situation or imagined scenario, training tool to analyze cases and present interpretation or solutions (Business Dictionary 2011). The case study in this study was performed on three estates in Iceland that were chosen by contacts/staff in the regional afforestation projects and Icelandic forest research. These estates had to fulfill certain basic conditions:

- Size of the forest had to be greater than 0.5 hectares in area.
- The plantation had to be at least five years old.
- The density of the plantation had to be at least 500 trees/ha.

The field work was done in two steps, updating the forest maps (remapping) in July 2010 and inventory at the sample plots in autumn 2010. Remapping was done to get new correct stand delineation of the forests and to stratify the area before the sample plots were laid out.

Sample plots were laid out using stratified random sampling. After remapping the estates, stratification of the different stands could be carried out after selected criteria. These criteria were depended on estate. When the stratification was done, the size (ha) of estate was measured and then the number of plots in each stratum was set proportional to stratum area. Arc Info software was used to select sample plots randomly. Definition of stratified random sampling is: A method of sampling that involves the division of a population into smaller groups known as strata. In stratified random sampling, the strata are formed based on members shared attributes or characteristics. A random sample from each stratum is taken in a number proportional to the stratum's size when

compared to the population. These subsets of the strata are then pooled to form a random sample (Investopedia Dictionary 2011).

4.2 Study area

The estates that were chosen for the case study (fig 2) are Hrosshagi at Biskupstungur in Southern Iceland (64°10´N 20°30´V(fig 3)) and Víðivelli ytri 1 & 2 at Fljótsdalshérað in Eastern Iceland (65°1´N 15°56´V), two estates which lie side by side and will be presented in this essay just as Víðivellir (fig 4).

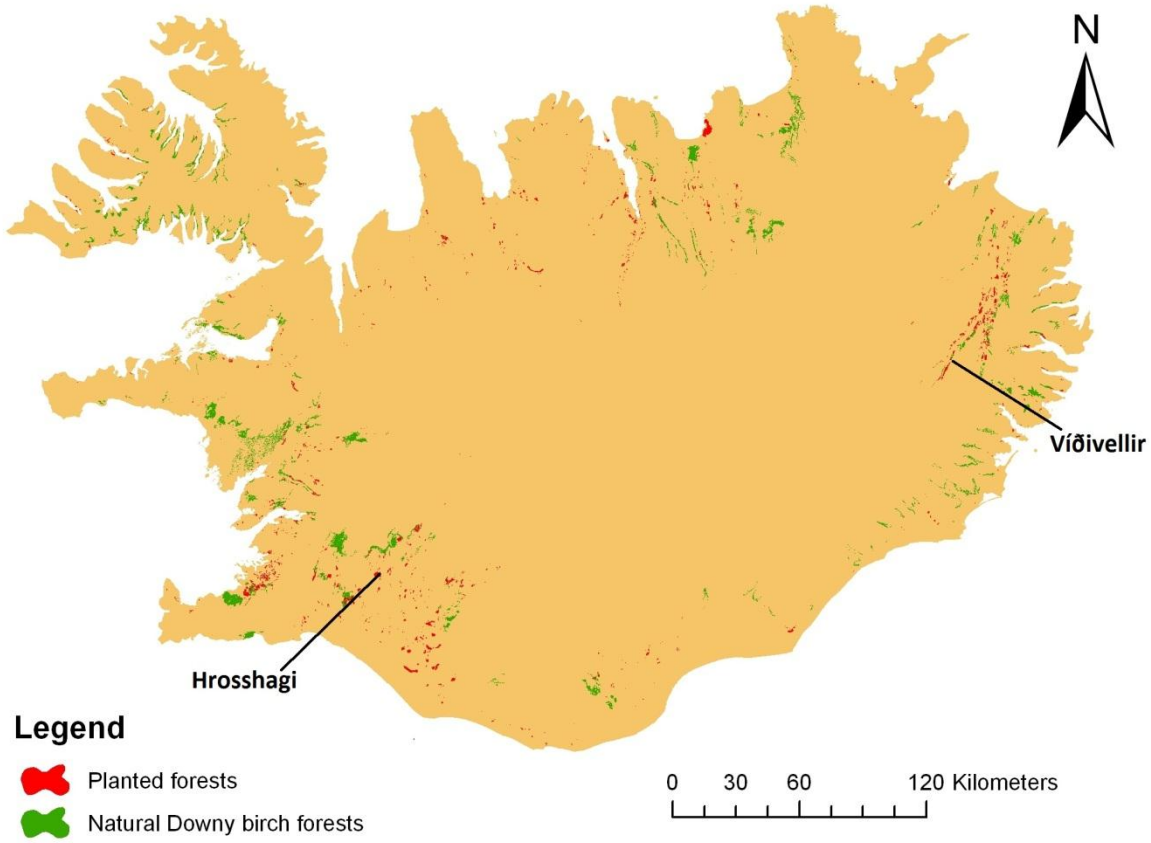

Figure 2. Distribution of forests in Iceland. Natural Downy birch and shrubs woodlands are market with green and plantation forests and afforested areas are red. This data is from Icelandic Forest service 2010. The estates are located on this map, Hrosshagi in the south and Víðivellir ytri 1&2 in the east.

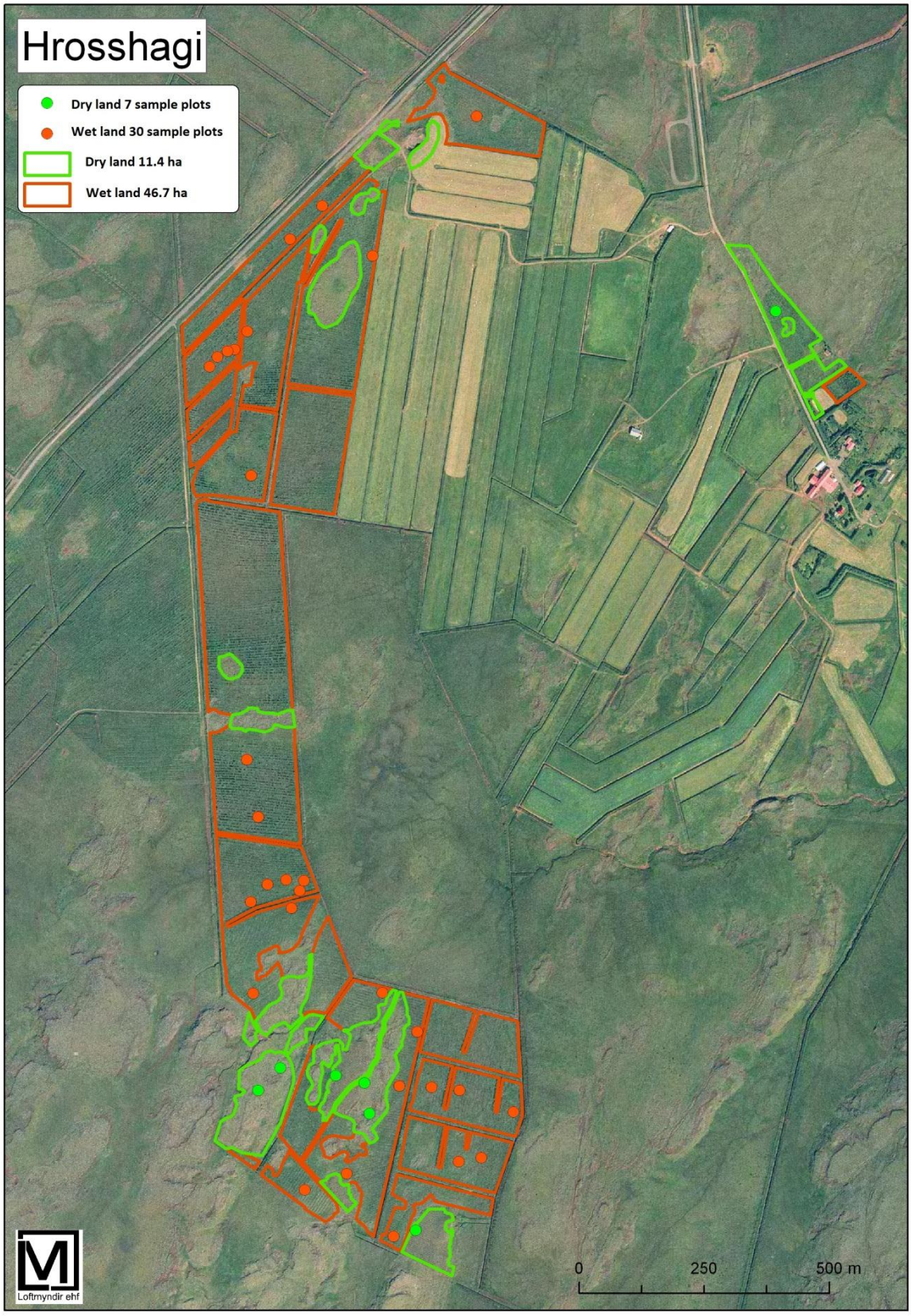

Figure 3. Map over the afforestation sites in Hrosshagi. The map shows the two categories (strata) and its sample plots with different colors.

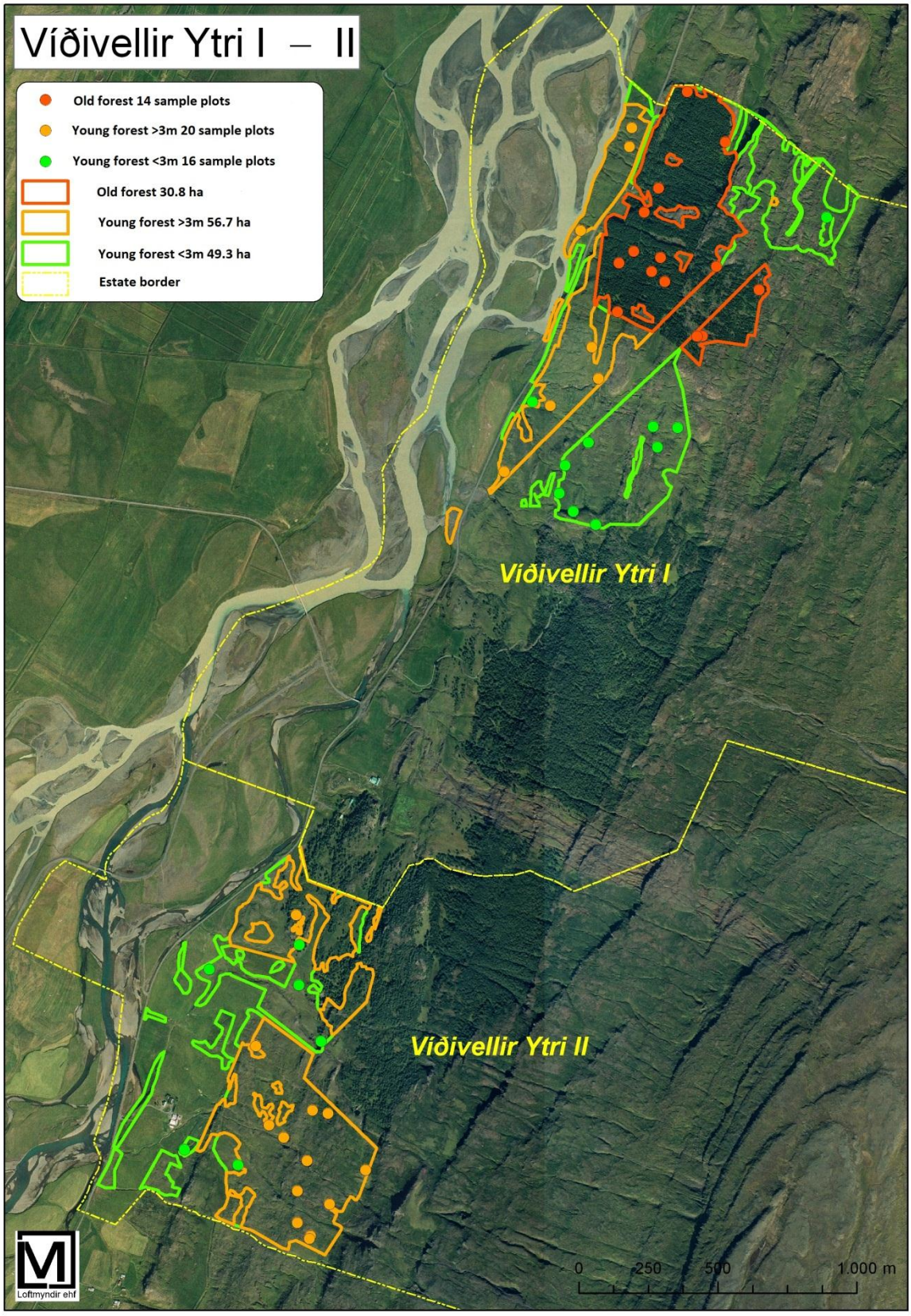

Figure 4. Map over the afforestation sites in Víðivellir 1&2. The map shows the three categories (strata) and its sample plots with different colors.

To update the forestry maps, good and recent aerial photographs are required. The update is so that the edges of original stratification can be repaired in the case that it is registration error in the so called action reports from the forest owner. These are reports from forest owner that are submitted annually to the regional forest projects, reporting on yearly planting and locations of plantations. In some cases strata may be merged, especially if they are similar and small.

In order to use stratified random sampling efficiently, the afforestation sites of the estates had to be accurately mapped and geo-referenced. If the stratification of the land is not accurate, the sample plots can fall outside of the strata they are supposed to represent. Moreover, calculations based on the total size of each strata need to be correct and accurate. Therefore, it is necessary to update stratum maps on measured estates. The basic field assessed variables that were used in the definition of the different strata are displayed in Table 1.

Table 1. The four main variables collected in field during remapping. These variables were the basis for stratification.

Variable	Reason for choice of variable
Original land	The original land affects the release / sequestration rate of the soil.
Dominant tree species	Tree species are relevant because both allometry and growth differ between species. The differing allometry means that species specific biomass functions must applied.
Age (10 years categories)	Age affects growth classification and evaluation of future sequestration.
Mean tree height (2 meters groups)	Mean height is anindicator of current carbon stocks and carbon growth.
Crown cover	In 10% classes. In good relation to carbon stock and growth.

The variables in Table 1 were used to define strata for each estate and classify different forest units into the strata. Arc-Info land information system was then used to select the location of the sample plots in each predefined stratum.

4.3 Study design

Sample plots which could be measured and re-measured, to estimate the carbon stock changes from one period to another were put out. The sampling design used was stratified random sampling. In such a design, the total area is divided into sub-groups that are homogenous for example in terms of age, species composition and growth. The larger the category, the cheaper the unit measured. In a stratified procedure it is possible to have categories across the estates, if the forest area lands lies near each other. The part of this study carried out in Víðivellir, two estates laid side by side.
The hours used for completing the field work were recorded. No coffee or lunch breaks were included. At each sample plot, measurements that enable estimation of carbon stocks and carbon stock change in the short and longer term were carried out. These measurements will also indicate several important variables such as wood and wood volume growth and wood production.

4.4 Data material

Remapping and collection of the main variables in the field, see Table 1, provided information concerning division of the land into strata. The stratification didn´t have to be the same for the estates. The forest size in Hrosshagi was estimated to be 58.1 ha and in this case it was decided to divide the land into two strata “wet land” (46.7 ha) and “dry land” (11.4 ha). The division of the forest in Hrosshagi was made after remapping and evaluation of the variables collected in the field, since these strata were considered most homogenous. The number of samples plots put out at Hrosshagi was 37, partition between strata would be ratio related to size of the strata, 7 sample plots in “dry land” and 30 sample plots in “wet land”. The forest size in Víðivellir was estimated to be 136.8 ha and for this forest it was decided to divide the land into three strata “old forest” (30.8 ha), “young forest on average higher than 3 m” (56.7 ha) and “young forest on average smaller than 3 m” (49.3 ha). The division of the forest at Víðivellir into stratum was more complicated, but since there was a clear difference in the age of the forest this was used as stratification. Parts of it are around 40 years old, while other parts are 10-20 years old. However, in order to distinguish between stratums in the younger forest height of the trees was used as stratification. A total of 50 sample plots were

put out at Víðivellir, partition between strata would be ratio related to size of the strata, 14 sample plots in “old forest”, 20 sample plots in “young forest on average higher than 3 m” and 16 sample plots in “young forest on average smaller than 3 m”.

Each sample plot was 100m^2 except in strata “old forest” where each plot was 200 m^2. The reason for this was that in “old forest” thinning was already done in some areas and in order to have enough trees in the sample plot the size of the plot was bigger. In each plot, the position of each tree was registered and diameter measured in breast height and in some cases in knee or stump height. This was because the biomass functions used in calculations are either dependent on diameter in breast height and height or diameter in knee height and height (Table 6). Furthermore, on each plot the tree with basal area ($g_{1.3}$) nearest to the mean basal area of the trees on the plot (GM subsample tree) was measured including diameter, height, growth and age. The selection of the GM subsample trees was carried out using the Field map software (chapter 4.5). One GM subsample tree for each species in each plot was selected. The height of the tree with maximum diameter on each plot was also measured. Moreover, all working hours were registered, both in the remapping phase in the summer and when the sample plots were measured in autumn.

Dead wood and stumps was located and measured diameter as well, but are not used in this essay.

Summary of data are found in tables 2 to 5 below.

Table 2. Stratum areas, number of plots, number of sample trees, and number of diameter measured trees for Hrosshagi (58,1 ha). The size of each plot was 100 m^2

Categories (strata)	Area ha	Number of plots	Sample trees	Record (N)
Dry land	11,4	7	22	86
Wet land	46,7	30	203	436

Table 3. Stratum areas, number of plots, number of sample trees, and number of diameter measured trees for Víðivellir (136.8 ha). The size of each plot was 100 m^2 except in stratum "old forest the size of each plot was 200 m^2

Categories (strata)	Area ha	Number of plots	Size of each plot (m^2)	Sample trees	Record (N)
Old forest	30,8	14	200	30	216
Young forest - > 3m	56,7	20	100	44	551
Young forest - < 3 m	49,3	16	100	64	678

Table 4. Number of sample trees, divided by species in each estate.

Tree species	Víðivellir	Hrosshagi
Black cottonwood (*Populus trichocarpa*)	4	63
Dark leafed willow (*Salix myrsinifolia*)	2	19
Downy birch (*Betula pubescens*)	31	10
Engelmann spruce (*Picea engelmannii*)	2	-
Felt leafed willow (*Salix alaxensis*)	-	1
Lodgepole pine (*Pinus contorta*)	7	5
Norway spruce (*Picea abies*)	2	6
Siberian larch (*Larix sibirica*)	82	11
Sitka spruce (*Picea sitchensis*)	8	110

Table 5. Registrations and measurements at each sample plot:

For all trees	GM subsample tree*	Dominant height tree**
Tree species	Diameter	Diameter
Diameter in the stump height or knee height or breast height	Height	Height
	Growth	
	Age	

*The tree on each plot with basal area ($g_{1.3}$) nearest to the mean basal area of the trees on the plot.
**The tree with maximum diameter on each plot.

4.5 Field map

Remapping and measuring the sample plots on the estates was done in a program called Field map (IFER 2011). Field map is a software/hardware for field data collection and data processing. It combines flexible GIS software with electronic equipment for mapping and measurement. Main parts of this device:

- Software that keeps track of all signals.
- Field computer.
- Laser scale to measure distances.

- Digital compass, this compass and the laser, measure with adequate accuracy the location of the trees at each sampling plot.
- GPS positioning.

By using this device “paperwork” in the field was eliminated. All data was registered in the field computer and therefore a lot of time was saved.

Figure 5. Author of the essay in field work at Hrosshagi with technical equipment; field computer, laser scale and digital compass

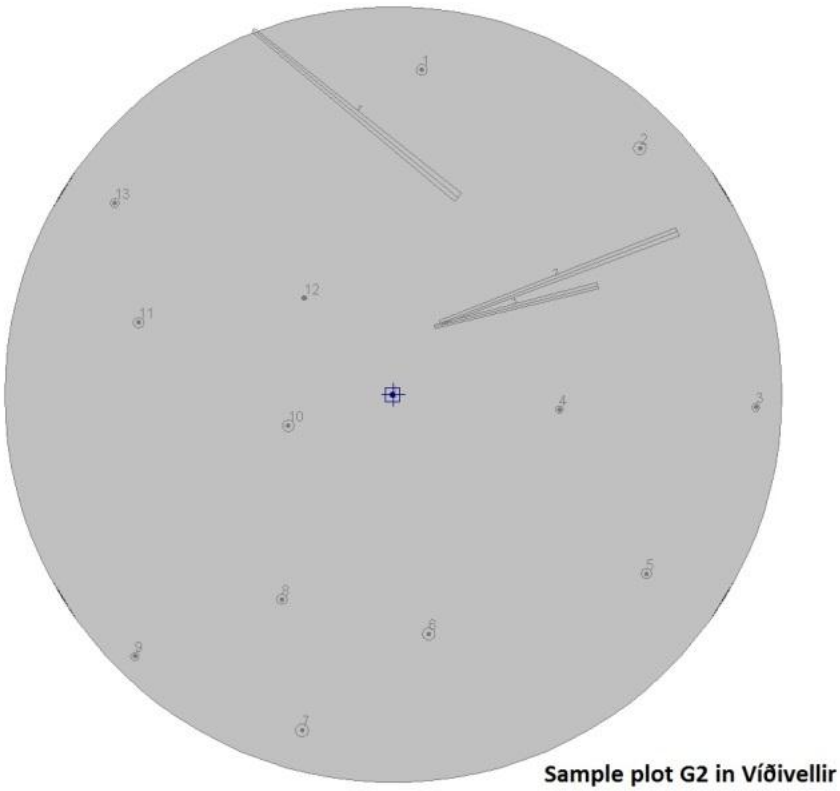

Figure 6. Example of sample plot view in Field map. Little points and numbers in each plot present each tree. Dead wood was also registered.

4.6 Coring

In the field, cores were sampled from 13 samples trees (sample tree in one plot was too small to core it) in the old forest stratum at Víðivellir, one in each plot. Samples were taken in breast height. In the lab the cores were put into wooden holders and the surface planed using a razor blade. Samples were measured using LINTAB measuring system (Rinn 1996). This was done to estimate diameter growth.

4.7 Data preparation and statistical analysis

Data material collected in Field Map was entered into Microsoft Access database and then put in to Excel were all further calculations and classifications were done. The GM subsample trees were classified by species and then linear regression models were made for height of each tree species at each estate expressed by diameter. Most of the biomass functions applied require both diameter

and height as parameters so the height model were used to predict the height of trees that were not measured for height in field.

On each GM subsample tree the height from five years ago was also registered by measuring the height up to the branch whorl set five years ago. This height was used as input in an inverted version of the corresponding height model to estimate diameter five years ago. This was done for all sample trees in all strata except for the trees in the old forest where cores were sampled and the diameter growth measured directly like mentioned before. Using these variables, biomass for 2010 and 2006 could be estimated by using biomass models dependent on diameter and height (Table 6). Biomass increase in five years was calculated and divided by five to find annual increase in biomass in trees in each stratum and each estate. Calculations on ratio of carbon in total biomass was done, according to research from 2000 (Snorrason et al.) proportion of carbon in wood biomass is about 50%, variability is only a few percentage.

In order to calculate the total biomass for each hectare, the value from all sample plots within each stratum was summarized and calculated to the value of biomass per ha. Finally, this value was multiplied by the total number of hectares in each stratum.

Standard error and standard error of mean was calculated for annual carbon sequestration (Fitje 1996).

Table 6: Biomass functions used in this essay.

Species and range of independent variables	Independent variables	Function	Reference
Norway spruce $D_{1,3}$: 2,7-27,9 cm H: 2,7-12,0 m	$D_{1,3}$, H	DW= $0{,}2465d^{2{,}112}h^{-0{,}167}$	(Snorrason & Einarsson 2006)
Engelmann spruce $D_{1,3}$: 1,4-12,7 cm H: 1,7-12,7 m	$D_{1,3}$, H	DW= $0{,}9211d^{1{,}438}h^{0{,}102}$	(Snorrason & Einarsson 2006)
Sitka spruce & white spruce $D_{1,3}$: 4,9-28,6 cm H: 4,8-15,4 m	$D_{1,3}$, H	DW= $0{,}1334d^{1{,}8716}h^{0{,}4386}$	(Snorrason & Einarsson 2006)
Lodgepole pine $D_{1,3}$: 4,2-26,3 cm H: 2,8-12,8 m	$D_{1,3}$, H	DW= $0{,}1429d^{1{,}8887}h^{0{,}4332}$	(Snorrason & Einarsson 2006)
Siberian larch $D_{1,3}$: 3,3-31,6 cm H: 3,0-20,0 m	$D_{1,3}$, H	DW= $0{,}1081d^{1{,}53}h^{0{,}9482}$	(Snorrason & Einarsson 2006)
$D_{0,5}$: 1,8-2,2 cm H: 0,5-2,8 m	$D_{0,5}$, H	DW= $119{,}734d^{1{,}4251}(d^2)^{0{,}2539}$	(Bjarnadottir et al. 2007)
Downy birch & rowan $D_{0,5}$: 2,1-29,8 cm H: 2,1-11,6 m	$D_{0,5}$, H	DW= $0{,}0634d^{2{,}1552}h^{0{,}2877}$	(Snorrason & Einarsson 2006)
Felt-leaf willow & dark-leafed willow $D_{0,5}$: 2,4-23,9cm H: 1,9-8,8 m	$D_{0,5}$, H	DW= $0{,}0348d^{1{,}9123}h^{0{,}8904}$	(Snorrason & Einarsson 2006)
Black cottonwood $D_{1,3}$: 4,6-34cm H: 4,6-20,7m	$D_{1,3}$, H	DW= $0{,}0717d^{1{,}8322}h^{0{,}6397}$	(Snorrason & Einarsson 2006)
	$D_{1,3}$, H	*DW= $0{,}3552288d^{2{,}2693}h^{-0{,}7029}$	(Jonsson 2007)
	$D_{0,5}$, H	DW= $0{,}0919317d^{2{,}0815}h^{0{,}0471}$	(Jonsson 2007)

*This function was used for $D_{1,3}$ under 4,6 cm.

5. Results

Results of measurements and calculations on biomass show that the standing biomass in trees in Víðivellir was 2808.7 tons. On average that is 20 tons per ha (table 8). Stratum named "Young forest >3m" sequestrate 1.7 tons C/ha which is significantly more than the old forest does (Table 7).

Table 7. Total biomass in trees in each stratum in the year 2006 and 2010, annual carbon sequestration with standard error and standard error of mean.

Stratum	Biomass 2010 (t/ha)	Biomass 2006 (t/ha)	Annual increase in biomass (t/ha)	Average Carbon sequestration year (t/ha)	Carbon sequestration Standard error t/ha	Carbon sequestration Standard error of mean %
Víðivellir:						
Old forest	43.9	33.0	2.2	1.1	0.17	16
Young forest >3m	18.4	1.8	3.3	1.7	0.27	17
Young forest <3m	8.4	0.6	1.6	0.8	0.23	29
Hrosshagi:						
Dry land	2.5	0.1	0.6	0.3	0.09	34
Wet land	6.5	0.8	1.1	0.6	0.09	17

Table 8. Total biomass and carbon sequestration in each stratum in Víðivelli estate.

Stratum	Total size of stratum (ha)	Biomass (t) 2010	Annual increase in biomass (t)	Annual carbon sequestration (t)
Old forest	30.8	1352.8	67.2	33.6
Young forest >3m	56.7	1042.1	188.3	94.2
Young forest <3m	49.3	413.8	77.0	38.5
Sum	**136.8**	**2808.7**	**332.5**	**166.3**

Results of measurements and calculations on biomass in Hrosshagi were 329.6 tons of a standing biomass in trees. On average that is 5.7 tons per ha (table 9). Stratum named "Wet land" sequestrates 0.6 tons C/ha which is double of the "Dry land" stratum (table 7).

Table 9. Total biomass and carbon sequestration in each stratum in Hrosshagi estate.

Stratum	Total size of stratum (ha)	Biomass (t) 2010	Annual increase in biomass (t)	Annual carbon sequestration (t
Dry land	11,4	28,1	5,5	2.7
Wet land	46,7	301,5	52,4	26.2
Sum	**58,1**	**329,6**	**57,9**	**28.9**

The time spent on remapping and measuring sample plots differed between estates which had different landscape attributes and forest composition (table 10). At Víðivellir the work on remapping was registered as 39 hours and measurements in sample plots 125 hours. This sums up to a total 164 working hours which translates into approximately 1.2 hours of work on each hectare. At Hrosshagi the work on remapping was registered as 18 hours and measurements in sample plots 56 hours. Total working hours were 74 hours, which translates into approximately 1.3 hours of work on each hectare.

Table 10. Field work. Time spent on remapping and measuring sample plots on each estate.

	Víðivellir	Hrosshagi
Remapping:		
Work	39 hours	18 hours
Netto area	136,8 ha	58,1 ha
Ha/hour	3,51	3,23
Measurements – sample plots:		
Work	125 hours	56 hours
Number of plots	50	37
Plots/hour	0,4	0,66
Total working hours	**164**	**74**

4. Discussion

To estimate the biomass there are several possible methods that can be utilized. The optimal method that is much substantial is harvesting trees in sample plots, but it is expensive and time consuming. The most frequently used method applied in this essay is the use of biomass functions like mentioned in chapter 4.7, which includes both use of diameter measurements and sample trees in each sample plot.

The obtained standard error of mean is a rather high value, especially in stratum “young forest<3m” were standard error of mean was 29% and in “dry land” where the corresponding value was 34%. Standard error of mean for all the other strata was 16-17%. The high values in standard error of mean at “young forest<3m” and “dry land” can be explained by a rather small sample size. A larger sample would capture more of the relatively large variation in biomass and therefore improve the results. Furthermore, the fact that this specific stratum comprise large variation could also indicate that the stratification should have been done differently, so that more heterogeneous strata with respect to biomass were identified. For example, in Víðivellir in the stratum “young forest<3m”, a large amount of young natural birch may have affected the outcome. However, more stratawould mean that even more plots are needed, something that would mean increased costs.

Stratum name “Young forest >3m” carbon sequestrate 1.7 t/ha which is significantly more than the old forest does. This may be caused by higher annual growth in stratum “Young forest >3m” (table 7).

Most of the biomass functions used in this essay are from Snorrason & Einarsson (2006). They are very similar to other functions (from studies in other countries) and, thus, the best functions available to research in Iceland. The need of specific functions for Icelandic conditions is very important and since 2006 biomass functions with other independent variables (diameter in knee height) have been developed (Bjarnadottir et al. 2007; Jonsson 2007). These particular functions were also used in the present essay. It is important that studies are continued and further functions for different conditions are developed.

The measurements made on the estates in the present study met the requirements needed in order to be able to make the necessary calculations. However, including more sample plots could have provided better results. This especially applies for the regression analysis where it might have given better results concerning the growth. In some cases, it was necessary to combine data from both of the estates in order to get usable height model. This might affect the results since circumstances might differ between the estates, given the fact that they are located in different regions of Iceland. It might be that the models had been more correct if the estates were located closer to each other. Consequently, in order to minimize errors when combining data from different estates, the given estates must be located nearby each other.

Concerning further studies on carbon budget, I would assume that it is reasonable to include estates located in one single region in the beginning. This might correct errors caused by to different weather zones in different regions of Iceland.

In the beginning it was intended to use rather large samples in this study so it would be possible to see the effects of reduced sample for the accuracy of the results, both by combining categories and forest lands, to make measurements work cheaper. After seeing the result I concluded that the sample size was not big enough to do this, based on the results of standard error of mean for each stratum (table 7).

When looking at the time measurements (see Table 10) it is not unreasonable to expect the work for each hectare to be in the range of 1 to 1.5 hours, compared to the working hours during fieldwork. However, this depends on the location, size and composition of the forest. There were more total working hours on Víðivellir as the area studied there was larger than the one studied on Hrosshagi. However, the value of working hours per hectare was higher in Hrosshagi. Consequently,greater areal size requires less working hours per unit of the area.

Today, the salary per hour in Iceland is between 7.500-10.500 ISK (45-64 EUR)netto, which means that the cost of work on the present estates would be approximately 1.230.000-1.722.000 ISK (7.480-10.470 EUR) for Víðivellir and 555.000-777.000 ISK (3.375-4.725 EUR) for Hrosshagi. In these examples the expected cost for driving is not taken into account since it may vary for different estates. This cost is quite high and forest farmers might not see the benefit in paying this price for accessing the market. The income for selling carbon quote must cover the cost for measuring and calculating the carbon sequestration.

One solution to reduce the direct costs of measurements would be that the land owners would measure the sample plots themselves every five years. The sample plots would be chosen, remapped and stratified by a specialist but the landowner would perform the measurements and then send the collected data to a specialist who calculates the biomass and finds out the carbon sequestration for the estate.

However, it may be pointed out that personnel/specialist trained in field measurement could potentially do the measurement in fewer working hours than it was in present case study.

There will be need for a system of control, even when the farmers themselves carry out the measurement. There will always be a need for an outsider to control the measurements. It could be done randomly, certain number of estates, specialists from Icelandic Forest research or certification firma could be responsible for this work.

In the publication “Smart Solution to Climate Change” (Lomborg 2010) it is assumed that the administration cost may be about 20% of the total. In this essay this is not calculated but it is a very interesting theme, to do analysis of income and output.

When bearing in mind theories of increasing temperature in the near future it is not unreasonable to assume an increasing growth and thus an increased carbon sequestration in the future. Regarding this the re-measurement could be done every five years, such that the estimate is correct.

In Norway and many other countries, laser scanning is applied for monitoring changes in biomass. However, since laser scanning seems to be more precise in forest with higher leave density it might be difficult to use this method in Iceland, giving its minimum forest covering.

Since the forest covering in Iceland is so low (fig.2) it might not be an economical good choice to use laser scanning there. However, laser scanning in Iceland needs further research before further conclusions concerning its application there can be done.

It might be interesting to monitor the sample plots on the estates presented in this study. This might for example include repeated measurements after five years. At that point in time it could also be interesting to estimate the changes that have occurred on the sample plots where dead wood was present in the field work. Calculations of the biomass/Carbon stock of dead wood were not included in the present study, simply because these data were too extensive. However, the measurements do exist, which make it possible to measure changes in the dead wood stock on the sample plots later.

5. Conclusions

The inventory system that is in use today needs no changes itself. However, it is necessary to evaluate in which way the stratification, which is dependent on accuracy of remapping, is done. Another variable which needs to be evaluated is the number of sample plots in each stratum. In order to make the certification system realistic it is important to bring the work into the hands of landowners themselves, besides creating an efficient control system.

The present study can be utilized by the scientific community as well as forest owners, since it is a realistic method for assessment of carbon sequestration in forests in Iceland. It could also be important for forest owners as they might be able to increase their income by selling carbon credits. The study also has a social and environmental significance as it might provide a better understanding of carbon sequestrations in forests.

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Appendix

Data material.

ID	Plot _ID	Name	Area _m2	Date	Tree _ID	DBH _mm	Height _m	Height_m_ for 5 years ago	Diam_ knee_ 50mm	Diam_ stump- height_ mm	Candi- dates	Species
1	31	T31	100	28.10.2010	4	19			34		500	Black cottonwood
2	31	T31	100	28.10.2010	3	21			32		0	Black cottonwood
3	31	T31	100	28.10.2010	2	26			43		0	Black cottonwood
4	31	T31	100	28.10.2010	8	28			54		0	Black cottonwood
5	31	T31	100	28.10.2010	6	31			60		0	Black cottonwood
6	31	T31	100	28.10.2010	5	49			68		400	Black cottonwood
7	31	T31	100	28.10.2010	7	57			73		0	Black cottonwood
8	31	T31	100	28.10.2010	1	58	4,332	2,1	86		300	Black cottonwood
9	31	T31	100	28.10.2010	9	71			88		0	Black cottonwood
10	31	T31	100	28.10.2010	10	88			96		200	Black cottonwood
11	31	T31	100	28.10.2010	11	128	7,986		147		100	Black cottonwood
12	31	T31	100	28.10.2010	12	22	2,1	0,75	52		300	Sitka spruce
13	32	T32	100	1.10.2010	12	12			19		0	Siberian larch
14	32	T32	100	1.10.2010	11	12			21		0	Siberian larch
15	32	T32	100	1.10.2010	10	12			23		0	Siberian larch
16	32	T32	100	1.10.2010	13	14			26		0	Siberian larch
17	32	T32	100	1.10.2010	8	8	1,87		26		500	Siberian larch
18	32	T32	100	1.10.2010	14	22			37		0	Siberian larch
19	32	T32	100	1.10.2010	4	19			30		400	Siberian larch
20	32	T32	100	1.10.2010	5	20			32		0	Siberian larch
21	32	T32	100	1.10.2010	6	23	2,58	1,2	36		300	Siberian larch
22	32	T32	100	1.10.2010	7	27			43		0	Siberian larch
23	32	T32	100	1.10.2010	1	28			44		0	Siberian larch
24	32	T32	100	1.10.2010	3	31			49		200	Siberian larch
25	32	T32	100	1.10.2010	9	32			50		0	Siberian larch
26	32	T32	100	1.10.2010	2	33			52		0	Siberian larch
27	32	T32	100	1.10.2010	15	35	3,12		55		100	Siberian larch
28	33	T33	100	30.9.2010	8	0	0,7		10	16	400	Lodgepole pine
29	33	T33	100	30.9.2010	7	0	1,18	0,5	24	31	300	Lodgepole pine
30	33	T33	100	30.9.2010	1	0	1,18		25	33	200	Lodgepole pine
31	33	T33	100	30.9.2010	5	13	1,44		28	34	100	Lodgepole pine
32	33	T33	100	30.9.2010	2	0	0,63		9	13	500	Lodgepole pine
33	33	T33	100	30.9.2010	6	30	3,2	1,6	54	68	300	Siberian larch
34	33	T33	100	30.9.2010	3	34			62	87	0	Siberian larch
35	34	T34	100	27.10.2010	20				8	22	0	Downy birch
36	34	T34	100	27.10.2010	19				17	33	0	Downy birch
37	34	T34	100	27.10.2010	9				32	61	0	Downy birch

38	34	T34	100	27.10.2010	27				25	38	0	Downy birch
39	34	T34	100	27.10.2010	21				28	46	0	Downy birch
40	34	T34	100	27.10.2010	18				27	56	200	Downy birch
41	34	T34	100	27.10.2010	8				20	39	0	Downy birch
42	34	T34	100	27.10.2010	10				10	30	0	Downy birch
43	34	T34	100	27.10.2010	26				19	33	0	Downy birch
44	34	T34	100	27.10.2010	17				12	22	0	Downy birch
45	34	T34	100	27.10.2010	7				30	50	0	Downy birch
46	34	T34	100	27.10.2010	22				8	28	400	Downy birch
47	34	T34	100	27.10.2010	28				4	18	0	Downy birch
48	34	T34	100	27.10.2010	11				9	27	0	Downy birch
49	34	T34	100	27.10.2010	1				19	45	0	Downy birch
50	34	T34	100	27.10.2010	25				0	7	500	Downy birch
51	34	T34	100	27.10.2010	23				10	30	0	Downy birch
52	34	T34	100	27.10.2010	16				18	30	0	Downy birch
53	34	T34	100	27.10.2010	6		1,97	0,7	31	40	300	Downy birch
54	34	T34	100	27.10.2010	12				32	62	0	Downy birch
55	34	T34	100	27.10.2010	2				36	48	0	Downy birch
56	34	T34	100	27.10.2010	15				11	20	0	Downy birch
57	34	T34	100	27.10.2010	24				38	52	0	Downy birch
58	34	T34	100	27.10.2010	5				26	52	0	Downy birch
59	34	T34	100	27.10.2010	13				17	31	0	Downy birch
60	34	T34	100	27.10.2010	3		2,58		46	71	100	Downy birch
61	34	T34	100	27.10.2010	4				32	48	0	Downy birch
62	34	T34	100	27.10.2010	14				22	36	0	Downy birch
63	35	T35	100	28.10.2010	10	3			12	30	0	Siberian larch
64	35	T35	100	28.10.2010	8	4			12	17	500	Siberian larch
65	35	T35	100	28.10.2010	7	0			13	24	0	Siberian larch
66	35	T35	100	28.10.2010	5	4			14		0	Siberian larch
67	35	T35	100	28.10.2010	4	6			16	31	0	Siberian larch
68	35	T35	100	28.10.2010	9	10			18	42	0	Siberian larch
69	35	T35	100	28.10.2010	3	12			20	31	0	Siberian larch
70	35	T35	100	28.10.2010	2	14			23	28	0	Siberian larch
71	35	T35	100	28.10.2010	11	14			27	38	0	Siberian larch
72	35	T35	100	28.10.2010	17	21			28	37	0	Siberian larch
73	35	T35	100	28.10.2010	13	15			32	45	400	Siberian larch
74	35	T35	100	28.10.2010	1	25			37	45	0	Siberian larch
75	35	T35	100	28.10.2010	12	22	2,65	1,02	46	63	300	Siberian larch
76	35	T35	100	28.10.2010	6	34			50	56	0	Siberian larch
77	35	T35	100	28.10.2010	15	41			54	76	0	Siberian larch
78	35	T35	100	28.10.2010	16	76			97	126	200	Siberian larch
79	35	T35	100	28.10.2010	14	112	4,779		124	168	100	Siberian larch
80	36	T36	100	1.10.2010	2	0	1,18		13	31	400	Siberian larch
81	36	T36	100	1.10.2010	5	52			73	103	200	Siberian larch

82	36	T36	100	1.10.2010	1	50	3,5	1,55	73	79	300	Siberian larch
83	36	T36	100	1.10.2010	4	66	4,348		100	121	100	Siberian larch
84	36	T36	100	1.10.2010	7	0	0,43			14	400	Sitka spruce
85	36	T36	100	1.10.2010	3	0	0,5			17	200	Sitka spruce
86	36	T36	100	1.10.2010	6	0	0,67	0,28	10	19	100	Sitka spruce
87	101	V1	200	29.9.2010	5	0	1,25	0,45	12		400	Black cottonwood
88	101	V1	200	29.9.2010	1	0	1,05	0,6	17		200	Black cottonwood
89	101	V1	200	29.9.2010	6	13	1,64	0,85	20		100	Black cottonwood
90	101	V1	200	29.9.2010	8	0			0	7		Sitka spruce
91	101	V1	200	29.9.2010	7	0			0	9		Sitka spruce
92	101	V1	200	29.9.2010	2	0	1,08	0,6	17		400	Sitka spruce
93	101	V1	200	29.9.2010	4	30	2,75	0,95	58		200	Sitka spruce
94	101	V1	200	29.9.2010	3	34	2,2	1,15	70		100	Sitka spruce
95	10	V10	100	27.10.2010	8	53			65	88	400	Black cottonwood
96	10	V10	100	27.10.2010	1	61			68	70	500	Black cottonwood
97	10	V10	100	27.10.2010	7	67			92	120	200	Black cottonwood
98	10	V10	100	27.10.2010	15	67	5,701	3,18	80	111	300	Black cottonwood
99	10	V10	100	27.10.2010	14	68			85	117	0	Black cottonwood
100	10	V10	100	27.10.2010	4	70			83	123	0	Black cottonwood
101	10	V10	100	27.10.2010	6	82	6,566		102	127	100	Black cottonwood
102	10	V10	100	27.10.2010	9	0	0,5			20	0	Sitka spruce
103	10	V10	100	27.10.2010	11	0	1,15		18	28	0	Sitka spruce
104	10	V10	100	27.10.2010	12	0	1		21	27	0	Sitka spruce
105	10	V10	100	27.10.2010	3	0	1,05	0,72	24	33	300	Sitka spruce
106	10	V10	100	27.10.2010	13	0	0,87		13	16	500	Sitka spruce
107	10	V10	100	27.10.2010	2	0	1,18		18	26	400	Sitka spruce
108	10	V10	100	27.10.2010	5	17	2,05		27	40	200	Sitka spruce
109	10	V10	100	27.10.2010	10	25	2,3		46	60	100	Sitka spruce
110	11	V11	100	1.10.2010	15	80			98		0	Black cottonwood
111	11	V11	100	1.10.2010	1	80	6,631	4,102	100		300	Black cottonwood
112	11	V11	100	1.10.2010	11	102			123		0	Black cottonwood
113	11	V11	100	1.10.2010	4				33		200	Dark-leafed willow
114	11	V11	100	1.10.2010	3		3,15		43		100	Dark-leafed willow
115	11	V11	100	1.10.2010	5				20		400	Dark-leafed willow
116	11	V11	100	1.10.2010	7				18		0	Dark-leafed willow
117	11	V11	100	1.10.2010	6				16		500	Dark-leafed willow
118	11	V11	100	1.10.2010	9		3,3	1,95	23		300	Dark-leafed willow
119	11	V11	100	1.10.2010	8				18		0	Dark-leafed willow
120	11	V11	100	1.10.2010	10				16		0	Dark-leafed willow
121	11	V11	100	1.10.2010	13	0	1,07		18	30	0	Sitka spruce
122	11	V11	100	1.10.2010	12	0	1,18		27	34	0	Sitka spruce
123	11	V11	100	1.10.2010	2	14	1,6		30		0	Sitka spruce
124	11	V11	100	1.10.2010	14	22	1,8	1,3	42		300	Sitka spruce
125	11	V11	100	1.10.2010	16	30	2,45		55		0	Sitka spruce

126	12	V12	100	30.9.2010	1	88			112		500	Black cottonwood
127	12	V12	100	30.9.2010	13	97			117		0	Black cottonwood
128	12	V12	100	30.9.2010	7	104	6,548	4,017	144		300	Black cottonwood
129	12	V12	100	30.9.2010	8	105			130		400	Black cottonwood
130	12	V12	100	30.9.2010	11	124			156		200	Black cottonwood
131	12	V12	100	30.9.2010	9	155	7,535		174		100	Black cottonwood
132	12	V12	100	30.9.2010	3				21		0	Dark-leafed willow
133	12	V12	100	30.9.2010	6		4,932	2,716	36		300	Dark-leafed willow
134	12	V12	100	30.9.2010	5				59		0	Dark-leafed willow
135	12	V12	100	30.9.2010	4				22		0	Dark-leafed willow
136	12	V12	100	30.9.2010	2	0	0,88	0,72	18	25	300	Sitka spruce
137	12	V12	100	30.9.2010	10	0	1,18		27	32	0	Sitka spruce
138	12	V12	100	30.9.2010	12	0	0,89		17	22	0	Sitka spruce
139	12	V12	100	30.9.2010	14	19	1,95		29			Sitka spruce
140	13	V13	100	28.10.2010	12	27			40	46	500	Black cottonwood
141	13	V13	100	28.10.2010	11	46			63	72	400	Black cottonwood
142	13	V13	100	28.10.2010	1	51			69	80	0	Black cottonwood
143	13	V13	100	28.10.2010	10	58	5,306	1,8	70	92	300	Black cottonwood
144	13	V13	100	28.10.2010	4	66			80	88	200	Black cottonwood
145	13	V13	100	28.10.2010	5	68			88	99	0	Black cottonwood
146	13	V13	100	28.10.2010	2	78	5,651		89	111	100	Black cottonwood
147	13	V13	100	28.10.2010	3		2,3	1,18	18	20	300	Dark-leafed willow
148	13	V13	100	28.10.2010	8				17	22	0	Downy birch
149	13	V13	100	28.10.2010	7		1,8	0,82	18	22	300	Downy birch
150	13	V13	100	28.10.2010	6				40	50	0	Downy birch
151	13	V13	100	28.10.2010	14	10	1,6		25	30	0	Sitka spruce
152	13	V13	100	28.10.2010	9	13	1,35	0,7	25	33	300	Sitka spruce
153	13	V13	100	28.10.2010	13	17	2,08		36	55	0	Sitka spruce
154	14	V14	100	30.9.2010	5	71					0	Black cottonwood
155	14	V14	100	30.9.2010	11	72					0	Black cottonwood
156	14	V14	100	30.9.2010	6	76					0	Black cottonwood
157	14	V14	100	30.9.2010	15	82	5,501	3,114			300	Black cottonwood
158	14	V14	100	30.9.2010	1	86					0	Black cottonwood
159	14	V14	100	30.9.2010	10	94					0	Black cottonwood
160	14	V14	100	30.9.2010	14	26	3,2		35		0	Dark-leafed willow
161	14	V14	100	30.9.2010	16	21			28		0	Dark-leafed willow
162	14	V14	100	30.9.2010	8	8	2,2	1,15	14		300	Dark-leafed willow
163	14	V14	100	30.9.2010	12	0	0,88		10	23	0	Sitka spruce
164	14	V14	100	30.9.2010	9	0	1,3		24	29	0	Sitka spruce
165	14	V14	100	30.9.2010	3	0	0,77		15	20	0	Sitka spruce
166	14	V14	100	30.9.2010	4	11	1,37		25		400	Sitka spruce
167	14	V14	100	30.9.2010	2	15	1,33	0,9	29	35	0	Sitka spruce
168	14	V14	100	30.9.2010	7	16	1,6		26		200	Sitka spruce
169	14	V14	100	30.9.2010	13	30	2,48		45		100	Sitka spruce

170	15	V15	100	28.10.2010	6	28	3,05	1,85	42	51	300	Black cottonwood
171	15	V15	100	28.10.2010	7		0,98	0,15	6	11	300	Downy birch
172	15	V15	100	28.10.2010	10	0	0,4			13	400	Sitka spruce
173	15	V15	100	28.10.2010	9	0	0,26			10	500	Sitka spruce
174	15	V15	100	28.10.2010	1	0	0,5			12	0	Sitka spruce
175	15	V15	100	28.10.2010	8	0	0,85		11	19	0	Sitka spruce
176	15	V15	100	28.10.2010	2	0	1,2		20	27	100	Sitka spruce
177	15	V15	100	28.10.2010	4	0	1,05	0,42	12	19	300	Sitka spruce
178	15	V15	100	28.10.2010	5	0	0,63		8	22	200	Sitka spruce
179	15	V15	100	28.10.2010	3	9	1,36		17	25	0	Sitka spruce
180	16	V16	100	27.10.2010	1	0			10		500	Black cottonwood
181	16	V16	100	27.10.2010	2	11			26		0	Black cottonwood
182	16	V16	100	27.10.2010	9	15	2,18	1,32	46		300	Black cottonwood
183	16	V16	100	27.10.2010	7	17			42		0	Black cottonwood
184	16	V16	100	27.10.2010	10	23			34		400	Black cottonwood
185	16	V16	100	27.10.2010	8	25			36		0	Black cottonwood
186	16	V16	100	27.10.2010	4	28			51		0	Black cottonwood
187	16	V16	100	27.10.2010	5	37			60		200	Black cottonwood
188	16	V16	100	27.10.2010	3	56	4,038	2,508	73		100	Black cottonwood
189	16	V16	100	27.10.2010	6	0	0,26		0	7	300	Sitka spruce
190	16	V16	100	27.10.2010	11	0	0,23	0,15	0	6	0	Sitka spruce
191	16	V16	100	27.10.2010	12	0	0,75		10	16	0	Sitka spruce
192	17	V17	100	27.10.2010	8	0			6	8	500	Black cottonwood
193	17	V17	100	27.10.2010	7	10			20	26	0	Black cottonwood
194	17	V17	100	27.10.2010	4	11			40	50	400	Black cottonwood
195	17	V17	100	27.10.2010	1	35	3,55	2,17	54	77	300	Black cottonwood
196	17	V17	100	27.10.2010	9	42			70	80	0	Black cottonwood
197	17	V17	100	27.10.2010	5	54			69	80	200	Black cottonwood
198	17	V17	100	27.10.2010	6	67	6,086		85	111	100	Black cottonwood
199	17	V17	100	27.10.2010	2	0	0,31			12	0	Sitka spruce
200	17	V17	100	27.10.2010	3	0	0,36	0,22		15	300	Sitka spruce
201	17	V17	100	27.10.2010	10	0	0,68		9	16	0	Sitka spruce
202	18	V18	100	27.10.2010	10	20	2,2		33	45	0	Black cottonwood
203	18	V18	100	27.10.2010	1	51	4,566	1,9	76	85	300	Black cottonwood
204	18	V18	100	27.10.2010	2	66	4,682		95	122	100	Black cottonwood
205	18	V18	100	27.10.2010	22				19	25	400	Dark-leafed willow
206	18	V18	100	27.10.2010	21				10	12	500	Dark-leafed willow
207	18	V18	100	27.10.2010	16				16	23	0	Dark-leafed willow
208	18	V18	100	27.10.2010	20				17	23	0	Dark-leafed willow
209	18	V18	100	27.10.2010	17		2,9	1,1	24	28	300	Dark-leafed willow
210	18	V18	100	27.10.2010	15				32	38	0	Dark-leafed willow
211	18	V18	100	27.10.2010	19		3,35		35	40	100	Dark-leafed willow
212	18	V18	100	27.10.2010	13				30	32	200	Dark-leafed willow
213	18	V18	100	27.10.2010	18				28	30	0	Dark-leafed willow

214	18	V18	100	27.10.2010	14				33	42	0	Dark-leafed willow
215	18	V18	100	27.10.2010	11				16	20	0	Dark-leafed willow
216	18	V18	100	27.10.2010	12				33	35	0	Dark-leafed willow
217	18	V18	100	27.10.2010	7	0	0,7		8	12	0	Sitka spruce
218	18	V18	100	27.10.2010	6	0	1,1		12	17	0	Sitka spruce
219	18	V18	100	27.10.2010	9	0	0,7		11	12	0	Sitka spruce
220	18	V18	100	27.10.2010	5	0	1,05		13	22	0	Sitka spruce
221	18	V18	100	27.10.2010	8	0	0,85		11	18	0	Sitka spruce
222	18	V18	100	27.10.2010	4	0	0,88		16	22	0	Sitka spruce
223	18	V18	100	27.10.2010	3	8	1,41	0,55	16	22	300	Sitka spruce
224	19	V19	100	27.10.2010	25	14	2,12		30		0	Black cottonwood
225	19	V19	100	27.10.2010	26	16	2,25	1,05	32		300	Black cottonwood
226	19	V19	100	27.10.2010	24	38			70		0	Black cottonwood
227	19	V19	100	27.10.2010	16				24		0	Dark-leafed willow
228	19	V19	100	27.10.2010	17				19		0	Dark-leafed willow
229	19	V19	100	27.10.2010	19				23		0	Dark-leafed willow
230	19	V19	100	27.10.2010	14				16		0	Dark-leafed willow
231	19	V19	100	27.10.2010	23				28		200	Dark-leafed willow
232	19	V19	100	27.10.2010	21				26		0	Dark-leafed willow
233	19	V19	100	27.10.2010	15				12		500	Dark-leafed willow
234	19	V19	100	27.10.2010	20				32		0	Dark-leafed willow
235	19	V19	100	27.10.2010	18				26		0	Dark-leafed willow
236	19	V19	100	27.10.2010	22				35		100	Dark-leafed willow
237	19	V19	100	27.10.2010	2				16		0	Dark-leafed willow
238	19	V19	100	27.10.2010	4				23		0	Dark-leafed willow
239	19	V19	100	27.10.2010	5				24		0	Dark-leafed willow
240	19	V19	100	27.10.2010	3				18		400	Dark-leafed willow
241	19	V19	100	27.10.2010	6		2,45	1,5	22		300	Dark-leafed willow
242	19	V19	100	27.10.2010	1				17		0	Dark-leafed willow
243	19	V19	100	27.10.2010	7				24		0	Dark-leafed willow
244	19	V19	100	27.10.2010	8				21		0	Dark-leafed willow
245	19	V19	100	27.10.2010	9				21		0	Dark-leafed willow
246	19	V19	100	27.10.2010	11				17		0	Dark-leafed willow
247	19	V19	100	27.10.2010	10				20		0	Dark-leafed willow
248	19	V19	100	27.10.2010	13				19		0	Dark-leafed willow
249	19	V19	100	27.10.2010	12				15		0	Dark-leafed willow
250	2	V2	100	30.9.2010	17	16			25		500	Black cottonwood
251	2	V2	100	30.9.2010	7	18					0	Black cottonwood
252	2	V2	100	30.9.2010	6	19					0	Black cottonwood
253	2	V2	100	30.9.2010	2	22					0	Black cottonwood
254	2	V2	100	30.9.2010	5	23					0	Black cottonwood
255	2	V2	100	30.9.2010	1	27					0	Black cottonwood
256	2	V2	100	30.9.2010	18	28					0	Black cottonwood
257	2	V2	100	30.9.2010	19	34					0	Black cottonwood

258	2	V2	100	30.9.2010	14	37					400	Black cottonwood
259	2	V2	100	30.9.2010	13	56	4,518	2,114			300	Black cottonwood
260	2	V2	100	30.9.2010	3	63					0	Black cottonwood
261	2	V2	100	30.9.2010	10	68					0	Black cottonwood
262	2	V2	100	30.9.2010	4	76					200	Black cottonwood
263	2	V2	100	30.9.2010	12	84					0	Black cottonwood
264	2	V2	100	30.9.2010	11	84					0	Black cottonwood
265	2	V2	100	30.9.2010	8	87					0	Black cottonwood
266	2	V2	100	30.9.2010	9	93	5,471				100	Black cottonwood
267	2	V2	100	30.9.2010	16	16	2,82	1,55	20		300	Dark-leafed willow
268	2	V2	100	30.9.2010	15	18			21		0	Dark-leafed willow
269	20	V20	100	1.10.2010	5	78			108		0	Black cottonwood
270	20	V20	100	1.10.2010	12	89			109		400	Black cottonwood
271	20	V20	100	1.10.2010	14	92			107		500	Black cottonwood
272	20	V20	100	1.10.2010	1	93	6,594	3,922	114		300	Black cottonwood
273	20	V20	100	1.10.2010	11	104			128		200	Black cottonwood
274	20	V20	100	1.10.2010	4	104	6,422		134		100	Black cottonwood
275	20	V20	100	1.10.2010	10	111			130		0	Black cottonwood
276	20	V20	100	1.10.2010	13				21		0	Dark-leafed willow
277	20	V20	100	1.10.2010	7		3,2	1,5	27		300	Dark-leafed willow
278	20	V20	100	1.10.2010	8				50		0	Dark-leafed willow
279	20	V20	100	1.10.2010	9				21		0	Dark-leafed willow
280	20	V20	100	1.10.2010	3	0	1,15		24		0	Sitka spruce
281	20	V20	100	1.10.2010	15	13	1,39		28		0	Sitka spruce
282	20	V20	100	1.10.2010	6	17	1,55		49		0	Sitka spruce
283	20	V20	100	1.10.2010	2	17	1,8	0,88	31		300	Sitka spruce
284	21	V21	100	29.9.2010	7	128					200	Norway spruce
285	21	V21	100	29.9.2010	6	48					400	Norway spruce
286	21	V21	100	29.9.2010	8	76	4,5	2,726			300	Norway spruce
287	21	V21	100	29.9.2010	4	132	6,004	2,801			100	Norway spruce
288	21	V21	100	29.9.2010	1	100					500	Sitka spruce
289	21	V21	100	29.9.2010	3	108	5,604	2,348			400	Sitka spruce
290	21	V21	100	29.9.2010	5	114					200	Sitka spruce
291	21	V21	100	29.9.2010	2	142	6,401	3,676			100	Sitka spruce
292	22	V22	100	27.10.2010	4	22			44	69	500	Black cottonwood
293	22	V22	100	27.10.2010	2	36			55	68	400	Black cottonwood
294	22	V22	100	27.10.2010	3	42	3,484	2,241	70	90	300	Black cottonwood
295	22	V22	100	27.10.2010	5	44			56	73	0	Black cottonwood
296	22	V22	100	27.10.2010	7	45			68	93	0	Black cottonwood
297	22	V22	100	27.10.2010	1	46			48	72	200	Black cottonwood
298	22	V22	100	27.10.2010	6	49	3,887		68	81	100	Black cottonwood
299	22	V22	100	27.10.2010	8	0	0,29	0,17		10	300	Sitka spruce
300	23	V23	100	30.9.2010	12	4	1,59		19		500	Black cottonwood
301	23	V23	100	30.9.2010	10	6	1,75		18		0	Black cottonwood

302	23	V23	100	30.9.2010	11	6	1,79		23		0	Black cottonwood
303	23	V23	100	30.9.2010	13	11	2,01		34		0	Black cottonwood
304	23	V23	100	30.9.2010	4	19			32		0	Black cottonwood
305	23	V23	100	30.9.2010	9	23			45		0	Black cottonwood
306	23	V23	100	30.9.2010	2	24					400	Black cottonwood
307	23	V23	100	30.9.2010	6	38	3,43	1,9			300	Black cottonwood
308	23	V23	100	30.9.2010	1	39					0	Black cottonwood
309	23	V23	100	30.9.2010	3	44					0	Black cottonwood
310	23	V23	100	30.9.2010	7	48					0	Black cottonwood
311	23	V23	100	30.9.2010	14	53					0	Black cottonwood
312	23	V23	100	30.9.2010	15	57					200	Black cottonwood
313	23	V23	100	30.9.2010	5	68	4,289				100	Black cottonwood
314	23	V23	100	30.9.2010	8	0	1,01	0,45	16	21	300	Norway spruce
315	24	V24	100	30.9.2010	17	0	0,75		6	11	0	Black cottonwood
316	24	V24	100	30.9.2010	22	10	1,81		21		0	Black cottonwood
317	24	V24	100	30.9.2010	19	13	2,32		22		0	Black cottonwood
318	24	V24	100	30.9.2010	25	48			64		0	Black cottonwood
319	24	V24	100	30.9.2010	1	94	6,288	3,54			300	Black cottonwood
320	24	V24	100	30.9.2010	2	94					0	Black cottonwood
321	24	V24	100	30.9.2010	20	116					0	Black cottonwood
322	24	V24	100	30.9.2010	18	135					0	Black cottonwood
323	24	V24	100	30.9.2010	24	22	2,95		33		100	Dark-leafed willow
324	24	V24	100	30.9.2010	3	14			19		0	Dark-leafed willow
325	24	V24	100	30.9.2010	11	11			17		0	Dark-leafed willow
326	24	V24	100	30.9.2010	4	9			18		500	Dark-leafed willow
327	24	V24	100	30.9.2010	6	12			20		0	Dark-leafed willow
328	24	V24	100	30.9.2010	5	12			22		0	Dark-leafed willow
329	24	V24	100	30.9.2010	10	17			31		200	Dark-leafed willow
330	24	V24	100	30.9.2010	7	11			15		400	Dark-leafed willow
331	24	V24	100	30.9.2010	9	9			16		0	Dark-leafed willow
332	24	V24	100	30.9.2010	8	13	2,7	1,63	21		300	Dark-leafed willow
333	24	V24	100	30.9.2010	14	11			18		0	Dark-leafed willow
334	24	V24	100	30.9.2010	12	11			15		0	Dark-leafed willow
335	24	V24	100	30.9.2010	13	13			23		0	Dark-leafed willow
336	24	V24	100	30.9.2010	16	10			18		0	Dark-leafed willow
337	24	V24	100	30.9.2010	15	9			14		0	Dark-leafed willow
338	24	V24	100	30.9.2010	26	0	0,2			21	0	Sitka spruce
339	24	V24	100	30.9.2010	28	0	0,59			24	0	Sitka spruce
340	24	V24	100	30.9.2010	21	15	1,92	0,9	32		300	Sitka spruce
341	24	V24	100	30.9.2010	27	23	2,12		45		0	Sitka spruce
342	24	V24	100	30.9.2010	23	25	2,5		39		0	Sitka spruce
343	25	V25	100	30.9.2010	5	12			22		500	Black cottonwood
344	25	V25	100	30.9.2010	9	13	1,83		26		0	Black cottonwood
345	25	V25	100	30.9.2010	6	15			33		0	Black cottonwood

346	25	V25	100	30.9.2010	15	59			90		400	Black cottonwood
347	25	V25	100	30.9.2010	16	72	4,605	2,83	97		300	Black cottonwood
348	25	V25	100	30.9.2010	10	74			109		0	Black cottonwood
349	25	V25	100	30.9.2010	14	79			115		0	Black cottonwood
350	25	V25	100	30.9.2010	4	92			123		0	Black cottonwood
351	25	V25	100	30.9.2010	11	94			124		200	Black cottonwood
352	25	V25	100	30.9.2010	17	100	5,368		151		100	Black cottonwood
353	25	V25	100	30.9.2010	12		3,17	1,78	40		300	Downy birch
354	25	V25	100	30.9.2010	13	0			33		400	Downy birch
355	25	V25	100	30.9.2010	8				47		200	Downy birch
356	25	V25	100	30.9.2010	1	6	1,75		18		0	Downy birch
357	25	V25	100	30.9.2010	2	16	2,67		35		0	Downy birch
358	25	V25	100	30.9.2010	7	10			17		500	Downy birch
359	25	V25	100	30.9.2010	3	35	4,082		57		100	Downy birch
360	26	V26	100	27.10.2010	4	24			41	62	0	Black cottonwood
361	26	V26	100	27.10.2010	12	30			42	58	500	Black cottonwood
362	26	V26	100	27.10.2010	5	36			58	66	400	Black cottonwood
363	26	V26	100	27.10.2010	11	40	3,448	1,9	56	72	300	Black cottonwood
364	26	V26	100	27.10.2010	10	45			70	78	200	Black cottonwood
365	26	V26	100	27.10.2010	7	50	4,947		61	86	100	Black cottonwood
366	26	V26	100	27.10.2010	8		2,82	1,75	26	34	300	Dark-leafed willow
367	26	V26	100	27.10.2010	6	0	0,25			11	400	Sitka spruce
368	26	V26	100	27.10.2010	9	0	0,18			6	500	Sitka spruce
369	26	V26	100	27.10.2010	3	0	0,36	0,24		13	300	Sitka spruce
370	26	V26	100	27.10.2010	13	0	0,65		9	15	0	Sitka spruce
371	26	V26	100	27.10.2010	2	0	0,55		5	16	100	Sitka spruce
372	26	V26	100	27.10.2010	1	0	0,6		7	15	200	Sitka spruce
373	27	V27	100	1.10.2010	10	59			74		500	Black cottonwood
374	27	V27	100	1.10.2010	9	59			76		0	Black cottonwood
375	27	V27	100	1.10.2010	14	64	5,164	3,038	91		300	Black cottonwood
376	27	V27	100	1.10.2010	1	71			88		400	Black cottonwood
377	27	V27	100	1.10.2010	13	72			100		0	Black cottonwood
378	27	V27	100	1.10.2010	6	72			106		200	Black cottonwood
379	27	V27	100	1.10.2010	5	73			89		0	Black cottonwood
380	27	V27	100	1.10.2010	8	81			102		0	Black cottonwood
381	27	V27	100	1.10.2010	2	92	6,021		116		100	Black cottonwood
382	27	V27	100	1.10.2010	3	0	1,28		12	18	0	Siberian larch
383	27	V27	100	1.10.2010	12	17			28		0	Siberian larch
384	27	V27	100	1.10.2010	11	13	2,15	0,88	29		300	Siberian larch
385	27	V27	100	1.10.2010	4	20			33		0	Siberian larch
386	27	V27	100	1.10.2010	7	23			36		0	Siberian larch
387	28	V28	100	1.10.2010	13				18		0	Dark-leafed willow
388	28	V28	100	1.10.2010	12		2,83	1,15	23		300	Dark-leafed willow
389	28	V28	100	1.10.2010	10				28		0	Dark-leafed willow

390	28	V28	100	1.10.2010	11				17		0	Dark-leafed willow
391	28	V28	100	1.10.2010	18	0	0,55		8	22	500	Sitka spruce
392	28	V28	100	1.10.2010	1	0	0,85		20	30	0	Sitka spruce
393	28	V28	100	1.10.2010	19	0	1,02		25	32	0	Sitka spruce
394	28	V28	100	1.10.2010	2	0	1,3		33	76	400	Sitka spruce
395	28	V28	100	1.10.2010	14	9			18		0	Sitka spruce
396	28	V28	100	1.10.2010	9	9	1,5		37		0	Sitka spruce
397	28	V28	100	1.10.2010	17	13	1,55	0,95	41		300	Sitka spruce
398	28	V28	100	1.10.2010	3	19	1,58		46		0	Sitka spruce
399	28	V28	100	1.10.2010	8	21	1,99		39		0	Sitka spruce
400	28	V28	100	1.10.2010	4	22	1,88		51		200	Sitka spruce
401	28	V28	100	1.10.2010	15	27	1,92		44		0	Sitka spruce
402	28	V28	100	1.10.2010	5	28	2		48		0	Sitka spruce
403	28	V28	100	1.10.2010	7	30	2,15		51		0	Sitka spruce
404	28	V28	100	1.10.2010	6	35	2,07		50		0	Sitka spruce
405	28	V28	100	1.10.2010	16	38	2,94		71		100	Sitka spruce
406	29	V29	100	30.9.2010	3	10	1,83		22		500	Black cottonwood
407	29	V29	100	30.9.2010	2	20			34		0	Black cottonwood
408	29	V29	100	30.9.2010	7	25			57		0	Black cottonwood
409	29	V29	100	30.9.2010	9	27					0	Black cottonwood
410	29	V29	100	30.9.2010	1	27			37		0	Black cottonwood
411	29	V29	100	30.9.2010	8	29					400	Black cottonwood
412	29	V29	100	30.9.2010	4	52	4,108	2			300	Black cottonwood
413	29	V29	100	30.9.2010	6	92					200	Black cottonwood
414	29	V29	100	30.9.2010	5	125	6,839				100	Black cottonwood
415	29	V29	100	30.9.2010	10	0	0,93	0,45	10	15		Norway spruce
416	3	V3	100	30.9.2010	6	22			37		500	Black cottonwood
417	3	V3	100	30.9.2010	1	23			43		0	Black cottonwood
418	3	V3	100	30.9.2010	4	28			42		0	Black cottonwood
419	3	V3	100	30.9.2010	3	30			44		0	Black cottonwood
420	3	V3	100	30.9.2010	2	38			62		0	Black cottonwood
421	3	V3	100	30.9.2010	11	42					400	Black cottonwood
422	3	V3	100	30.9.2010	13	49					0	Black cottonwood
423	3	V3	100	30.9.2010	12	53					0	Black cottonwood
424	3	V3	100	30.9.2010	8	60	5,348	2,699			300	Black cottonwood
425	3	V3	100	30.9.2010	9	68					0	Black cottonwood
426	3	V3	100	30.9.2010	5	77					0	Black cottonwood
427	3	V3	100	30.9.2010	10	86					200	Black cottonwood
428	3	V3	100	30.9.2010	7	102	6,739				100	Black cottonwood
429	30	V30	100	29.9.2010	4	13			20		0	Black cottonwood
430	30	V30	100	29.9.2010	5	146	8,628	4,209	180		300	Black cottonwood
431	30	V30	100	29.9.2010	7	160			223		0	Black cottonwood
432	30	V30	100	29.9.2010	3	176			229		0	Black cottonwood
433	30	V30	100	29.9.2010	9	0			6	17	0	Sitka spruce

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434	30	V30	100	29.9.2010	1	0	0,95	0,37	24		300	Sitka spruce
435	30	V30	100	29.9.2010	8	0			6		500	Sitka spruce
436	30	V30	100	29.9.2010	6	0			9		400	Sitka spruce
437	30	V30	100	29.9.2010	10	16	8,172	4,589	30		300	Sitka spruce
438	30	V30	100	29.9.2010	2	24	2,42	1,13	43		100	Sitka spruce
439	4	V4	100	28.10.2010	11	0			51	68	0	Black cottonwood
440	4	V4	100	28.10.2010	1	10			21	30	500	Black cottonwood
441	4	V4	100	28.10.2010	2	16			28	46	400	Black cottonwood
442	4	V4	100	28.10.2010	4	22			34	39	0	Black cottonwood
443	4	V4	100	28.10.2010	3	29	3,76	1,84	38	55	300	Black cottonwood
444	4	V4	100	28.10.2010	5	43			61	70	0	Black cottonwood
445	4	V4	100	28.10.2010	12	45	3,264		61	73	100	Black cottonwood
446	4	V4	100	28.10.2010	13	45			55	74	200	Black cottonwood
447	4	V4	100	28.10.2010	10		1,68		22	35	0	Downy birch
448	4	V4	100	28.10.2010	9				26	34	0	Downy birch
449	4	V4	100	28.10.2010	7		2,52	0,85	33	39	300	Downy birch
450	4	V4	100	28.10.2010	8				28	42	0	Downy birch
451	4	V4	100	28.10.2010	6				42	56	0	Downy birch
452	4	V4	100	28.10.2010	15	0	0,6	0,48	11	21	300	Sitka spruce
453	4	V4	100	28.10.2010	14	11	1,42		23	36	0	Sitka spruce
454	5	V5	100	30.9.2010	4	48	3,613	2,19				Black cottonwood
455	5	V5	100	30.9.2010	3	32	3,8	2,75	47			Dark-leafed willow
456	5	V5	100	30.9.2010	2	38	3,55		51		100	Dark-leafed willow
457	5	V5	100	30.9.2010	5	0	0,92	0,6	14	17		Norway spruce
458	5	V5	100	30.9.2010	1	0	0,78	0,6	13	22		Norway spruce
459	6	V6	100	1.10.2010	14	29			52		0	Black cottonwood
460	6	V6	100	1.10.2010	9	34			48		0	Black cottonwood
461	6	V6	100	1.10.2010	23	40			50		0	Black cottonwood
462	6	V6	100	1.10.2010	18	42			64		0	Black cottonwood
463	6	V6	100	1.10.2010	10	52	4,803	2,576	64		300	Black cottonwood
464	6	V6	100	1.10.2010	22	68			84		0	Black cottonwood
465	6	V6	100	1.10.2010	1	73			92		0	Black cottonwood
466	6	V6	100	1.10.2010	6	82			103		0	Black cottonwood
467	6	V6	100	1.10.2010	16				68		0	Dark-leafed willow
468	6	V6	100	1.10.2010	15				27		0	Dark-leafed willow
469	6	V6	100	1.10.2010	17				24		0	Dark-leafed willow
470	6	V6	100	1.10.2010	3				14		0	Dark-leafed willow
471	6	V6	100	1.10.2010	11		2,4	1,55	28		300	Dark-leafed willow
472	6	V6	100	1.10.2010	21	0	0,75		13	18	500	Sitka spruce
473	6	V6	100	1.10.2010	19	0	1,1		23		0	Sitka spruce
474	6	V6	100	1.10.2010	8	11	1,55		20		0	Sitka spruce
475	6	V6	100	1.10.2010	7	12	1,8	0,8	35		300	Sitka spruce
476	6	V6	100	1.10.2010	13	17	1,67		29		400	Sitka spruce
477	6	V6	100	1.10.2010	4	18			33		0	Sitka spruce

478	6	V6	100	1.10.2010	20	21	2,18		32		0	Sitka spruce
479	6	V6	100	1.10.2010	5	33			51		200	Sitka spruce
480	6	V6	100	1.10.2010	2	42	3,1		63		100	Sitka spruce
481	7	V7	100	29.9.2010	5	86	6,624	2,792			300	Black cottonwood
482	7	V7	100	29.9.2010	4	101					0	Black cottonwood
483	7	V7	100	29.9.2010	6	47					500	Sitka spruce
484	7	V7	100	29.9.2010	8	86					400	Sitka spruce
485	7	V7	100	29.9.2010	3	100	6,102	2,805			300	Sitka spruce
486	7	V7	100	29.9.2010	2	115	5,12	2,781			300	Sitka spruce
487	7	V7	100	29.9.2010	1	157					200	Sitka spruce
488	7	V7	100	29.9.2010	7	171	5,983	3,692			100	Sitka spruce
489	8	V8	100	29.9.2010	5	39					500	Black cottonwood
490	8	V8	100	29.9.2010	7	45					0	Black cottonwood
491	8	V8	100	29.9.2010	6	46					0	Black cottonwood
492	8	V8	100	29.9.2010	3	71					400	Black cottonwood
493	8	V8	100	29.9.2010	10	90	6,396	3,042			300	Black cottonwood
494	8	V8	100	29.9.2010	4	93	5,809	3,186			0	Black cottonwood
495	8	V8	100	29.9.2010	9	102					0	Black cottonwood
496	8	V8	100	29.9.2010	8	106					0	Black cottonwood
497	8	V8	100	29.9.2010	11	114					200	Black cottonwood
498	8	V8	100	29.9.2010	1	137	8,591	4,899			100	Black cottonwood
499	8	V8	100	29.9.2010	2	67	4,492	2,752	113		300	Feltleaf willow
500	9	V9	100	27.10.2010	2	0	0,9		20	26	0	Black cottonwood
501	9	V9	100	27.10.2010	11	26			50	54	500	Black cottonwood
502	9	V9	100	27.10.2010	12	27			50	59	0	Black cottonwood
503	9	V9	100	27.10.2010	23	28			46	58	0	Black cottonwood
504	9	V9	100	27.10.2010	10	42			63	77	400	Black cottonwood
505	9	V9	100	27.10.2010	22	51	4,454	1,15	92	98	300	Black cottonwood
506	9	V9	100	27.10.2010	18	57			80	92	0	Black cottonwood
507	9	V9	100	27.10.2010	3	64			96	105	0	Black cottonwood
508	9	V9	100	27.10.2010	20	66			90	106	0	Black cottonwood
509	9	V9	100	27.10.2010	17	75			95	108	0	Black cottonwood
510	9	V9	100	27.10.2010	19	75			92	127	0	Black cottonwood
511	9	V9	100	27.10.2010	21	76			93	117	200	Black cottonwood
512	9	V9	100	27.10.2010	16	94	5,778		128	142	100	Black cottonwood
513	9	V9	100	27.10.2010	5		2,88	1,3	31	39	300	Dark-leafed willow
514	9	V9	100	27.10.2010	6	0	0,55	0,17		18	300	Sitka spruce
515	9	V9	100	27.10.2010	9	0	0,27			13	0	Sitka spruce
516	9	V9	100	27.10.2010	14	0	0,31			6	0	Sitka spruce
517	9	V9	100	27.10.2010	13	0	1,05		12	18	0	Sitka spruce
518	9	V9	100	27.10.2010	15	0	0,7		8	10	0	Sitka spruce
519	9	V9	100	27.10.2010	1	0	0,6		5	14	0	Sitka spruce
520	9	V9	100	27.10.2010	8	0	1,15		16	24	0	Sitka spruce
521	9	V9	100	27.10.2010	7	0	0,82		13	21	0	Sitka spruce

522	9	V9	100	27.10.2010	4	56			80	92	0	Sitka spruce
523	1001	G1	200	6.10.2010	8	0			9		0	Siberian larch
524	1001	G1	200	6.10.2010	2	0			9		500	Siberian larch
525	1001	G1	200	6.10.2010	5	12			38		0	Siberian larch
526	1001	G1	200	6.10.2010	7	13			38		0	Siberian larch
527	1001	G1	200	6.10.2010	1	18			34		400	Siberian larch
528	1001	G1	200	6.10.2010	6	22			52		0	Siberian larch
529	1001	G1	200	6.10.2010	3	30	2,8	1,641	50		300	Siberian larch
530	1001	G1	200	6.10.2010	4	46			63		200	Siberian larch
531	1001	G1	200	6.10.2010	9	56	3,495		73		100	Siberian larch
532	110	G10	200	8.10.2010	1	145					500	Siberian larch
533	110	G10	200	8.10.2010	6	145					0	Siberian larch
534	110	G10	200	8.10.2010	13	162					400	Siberian larch
535	110	G10	200	8.10.2010	3	165					0	Siberian larch
536	110	G10	200	8.10.2010	2	170					0	Siberian larch
537	110	G10	200	8.10.2010	9	173					0	Siberian larch
538	110	G10	200	8.10.2010	8	180	11,622	9,62			300	Siberian larch
539	110	G10	200	8.10.2010	10	200					0	Siberian larch
540	110	G10	200	8.10.2010	4	207					0	Siberian larch
541	110	G10	200	8.10.2010	5	208					0	Siberian larch
542	110	G10	200	8.10.2010	11	209					0	Siberian larch
543	110	G10	200	8.10.2010	7	210					200	Siberian larch
544	110	G10	200	8.10.2010	12	255	12,522				100	Siberian larch
545	111	G11	200	6.10.2010	11	23			39		500	Siberian larch
546	111	G11	200	6.10.2010	15	91					0	Siberian larch
547	111	G11	200	6.10.2010	1	104					400	Siberian larch
548	111	G11	200	6.10.2010	13	104					0	Siberian larch
549	111	G11	200	6.10.2010	14	118					0	Siberian larch
550	111	G11	200	6.10.2010	3	119					0	Siberian larch
551	111	G11	200	6.10.2010	17	121					0	Siberian larch
552	111	G11	200	6.10.2010	5	130					0	Siberian larch
553	111	G11	200	6.10.2010	9	133					0	Siberian larch
554	111	G11	200	6.10.2010	6	135					0	Siberian larch
555	111	G11	200	6.10.2010	7	138	8,354	6,758			300	Siberian larch
556	111	G11	200	6.10.2010	4	145					0	Siberian larch
557	111	G11	200	6.10.2010	10	170					200	Siberian larch
558	111	G11	200	6.10.2010	8	172					0	Siberian larch
559	111	G11	200	6.10.2010	12	172					0	Siberian larch
560	111	G11	200	6.10.2010	16	190					0	Siberian larch
561	111	G11	200	6.10.2010	2	193	9,618				100	Siberian larch
562	112	G12	200	8.10.2010	7	127					500	Siberian larch
563	112	G12	200	8.10.2010	1	138					0	Siberian larch
564	112	G12	200	8.10.2010	2	146					400	Siberian larch
565	112	G12	200	8.10.2010	11	148					0	Siberian larch

566	112	G12	200	8.10.2010	3	148					0	Siberian larch
567	112	G12	200	8.10.2010	8	155					0	Siberian larch
568	112	G12	200	8.10.2010	10	164	12,153	10,161			300	Siberian larch
569	112	G12	200	8.10.2010	9	176					0	Siberian larch
570	112	G12	200	8.10.2010	5	181					0	Siberian larch
571	112	G12	200	8.10.2010	12	184					0	Siberian larch
572	112	G12	200	8.10.2010	6	199					200	Siberian larch
573	112	G12	200	8.10.2010	4	221	10,585				100	Siberian larch
574	113	G13	200	18.11.2010	15	112					500	Siberian larch
575	113	G13	200	18.11.2010	6	125					0	Siberian larch
576	113	G13	200	18.11.2010	3	133					0	Siberian larch
577	113	G13	200	18.11.2010	12	142					0	Siberian larch
578	113	G13	200	18.11.2010	7	144					0	Siberian larch
579	113	G13	200	18.11.2010	8	151					400	Siberian larch
580	113	G13	200	18.11.2010	9	162					0	Siberian larch
581	113	G13	200	18.11.2010	11	170					0	Siberian larch
582	113	G13	200	18.11.2010	2	184	11,193	9,368			300	Siberian larch
583	113	G13	200	18.11.2010	14	190					0	Siberian larch
584	113	G13	200	18.11.2010	4	200					0	Siberian larch
585	113	G13	200	18.11.2010	10	202					0	Siberian larch
586	113	G13	200	18.11.2010	13	203					0	Siberian larch
587	113	G13	200	18.11.2010	16	210					0	Siberian larch
588	113	G13	200	18.11.2010	1	217					200	Siberian larch
589	113	G13	200	18.11.2010	5	244	12,684	10,889			100	Siberian larch
590	114	G14	200	6.10.2010	13	0			10		500	Siberian larch
591	114	G14	200	6.10.2010	3	9			15		0	Siberian larch
592	114	G14	200	6.10.2010	2	35			59		0	Siberian larch
593	114	G14	200	6.10.2010	5	91					400	Siberian larch
594	114	G14	200	6.10.2010	9	107					0	Siberian larch
595	114	G14	200	6.10.2010	1	110					0	Siberian larch
596	114	G14	200	6.10.2010	8	113					0	Siberian larch
597	114	G14	200	6.10.2010	6	113					0	Siberian larch
598	114	G14	200	6.10.2010	10	127	7,542	5,835			300	Siberian larch
599	114	G14	200	6.10.2010	12	139					0	Siberian larch
600	114	G14	200	6.10.2010	11	158					0	Siberian larch
601	114	G14	200	6.10.2010	4	172					200	Siberian larch
602	114	G14	200	6.10.2010	7	198	9,128				100	Siberian larch
603	102	G2	200	18.11.2010	12	110					500	Siberian larch
604	102	G2	200	18.11.2010	4	151					0	Siberian larch
605	102	G2	200	18.11.2010	3	160					0	Siberian larch
606	102	G2	200	18.11.2010	9	167					400	Siberian larch
607	102	G2	200	18.11.2010	13	184					0	Siberian larch
608	102	G2	200	18.11.2010	8	201					0	Siberian larch
609	102	G2	200	18.11.2010	11	204	11,466	8,958			300	Siberian larch

610	102	G2	200	18.11.2010	1	215					0	Siberian larch
611	102	G2	200	18.11.2010	5	216					0	Siberian larch
612	102	G2	200	18.11.2010	10	237					200	Siberian larch
613	102	G2	200	18.11.2010	2	256					0	Siberian larch
614	102	G2	200	18.11.2010	6	257					0	Siberian larch
615	102	G2	200	18.11.2010	7	260	12,643	9,787			100	Siberian larch
616	103	G3	200	8.10.2010	8	7			12		500	Siberian larch
617	103	G3	200	8.10.2010	15	97					400	Siberian larch
618	103	G3	200	8.10.2010	11	115					0	Siberian larch
619	103	G3	200	8.10.2010	6	117					0	Siberian larch
620	103	G3	200	8.10.2010	2	122					0	Siberian larch
621	103	G3	200	8.10.2010	1	123					0	Siberian larch
622	103	G3	200	8.10.2010	5	125					0	Siberian larch
623	103	G3	200	8.10.2010	13	128					0	Siberian larch
624	103	G3	200	8.10.2010	14	137					0	Siberian larch
625	103	G3	200	8.10.2010	4	148	10,487	7,813			300	Siberian larch
626	103	G3	200	8.10.2010	3	166					0	Siberian larch
627	103	G3	200	8.10.2010	9	176					0	Siberian larch
628	103	G3	200	8.10.2010	10	192					200	Siberian larch
629	103	G3	200	8.10.2010	7	216					0	Siberian larch
630	103	G3	200	8.10.2010	12	238	13,985				100	Siberian larch
631	104	G4	200	7.10.2010	3	147					0	Siberian larch
632	104	G4	200	7.10.2010	1	147					300	Siberian larch
633	104	G4	200	7.10.2010	2	245	8,629				100	Siberian larch
634	105	G5	200	7.10.2010	38	0			6		0	Engelmann spruce
635	105	G5	200	7.10.2010	32	0			12		0	Engelmann spruce
636	105	G5	200	7.10.2010	30	0			15		200	Engelmann spruce
637	105	G5	200	7.10.2010	29	0			14		0	Engelmann spruce
638	105	G5	200	7.10.2010	2	0	0,95	0,49	10		300	Engelmann spruce
639	105	G5	200	7.10.2010	28	0			9		0	Engelmann spruce
640	105	G5	200	7.10.2010	9	0			6		400	Engelmann spruce
641	105	G5	200	7.10.2010	26	0			4		0	Engelmann spruce
642	105	G5	200	7.10.2010	8	0			4		0	Engelmann spruce
643	105	G5	200	7.10.2010	10	0			11		0	Engelmann spruce
644	105	G5	200	7.10.2010	24	0			5		0	Engelmann spruce
645	105	G5	200	7.10.2010	16	0			6		0	Engelmann spruce
646	105	G5	200	7.10.2010	7	0			12		0	Engelmann spruce
647	105	G5	200	7.10.2010	22	0			9		0	Engelmann spruce
648	105	G5	200	7.10.2010	17	0			6		0	Engelmann spruce
649	105	G5	200	7.10.2010	11	0			0	11	500	Engelmann spruce
650	105	G5	200	7.10.2010	13	9	1,4		20		100	Engelmann spruce
651	105	G5	200	7.10.2010	40	0	0,6	0,43	4		300	Norway spruce
652	105	G5	200	7.10.2010	3	91			102		500	Siberian larch
653	105	G5	200	7.10.2010	19	107			120		0	Siberian larch

654	105	G5	200	7.10.2010	14	124			152		0	Siberian larch
655	105	G5	200	7.10.2010	31	144			162		400	Siberian larch
656	105	G5	200	7.10.2010	4	153			182		0	Siberian larch
657	105	G5	200	7.10.2010	21	153			154		0	Siberian larch
658	105	G5	200	7.10.2010	5	155			222		0	Siberian larch
659	105	G5	200	7.10.2010	15	160			203		0	Siberian larch
660	105	G5	200	7.10.2010	37	163			188		0	Siberian larch
661	105	G5	200	7.10.2010	23	166			225		0	Siberian larch
662	105	G5	200	7.10.2010	27	167	11,531	7,751	207		300	Siberian larch
663	105	G5	200	7.10.2010	39	170			200		0	Siberian larch
664	105	G5	200	7.10.2010	6	176			202		0	Siberian larch
665	105	G5	200	7.10.2010	18	180			194		0	Siberian larch
666	105	G5	200	7.10.2010	34	181			210		0	Siberian larch
667	105	G5	200	7.10.2010	20	184			234		0	Siberian larch
668	105	G5	200	7.10.2010	25	186			222		0	Siberian larch
669	105	G5	200	7.10.2010	1	188			232		0	Siberian larch
670	105	G5	200	7.10.2010	41	196			210		0	Siberian larch
671	105	G5	200	7.10.2010	35	233			246		200	Siberian larch
672	105	G5	200	7.10.2010	12	237	13,546		297		100	Siberian larch
673	105	G5	200	7.10.2010	36	260			287		0	Siberian larch
674	106	G6	200	5.10.2010	13	54					500	Siberian larch
675	106	G6	200	5.10.2010	5	85					0	Siberian larch
676	106	G6	200	5.10.2010	1	95					400	Siberian larch
677	106	G6	200	5.10.2010	2	110					0	Siberian larch
678	106	G6	200	5.10.2010	3	110					0	Siberian larch
679	106	G6	200	5.10.2010	12	130	6,918	4,579			300	Siberian larch
680	106	G6	200	5.10.2010	8	140					0	Siberian larch
681	106	G6	200	5.10.2010	10	145					0	Siberian larch
682	106	G6	200	5.10.2010	6	145					0	Siberian larch
683	106	G6	200	5.10.2010	7	150					0	Siberian larch
684	106	G6	200	5.10.2010	11	152					200	Siberian larch
685	106	G6	200	5.10.2010	4	154					0	Siberian larch
686	106	G6	200	5.10.2010	9	166					0	Siberian larch
687	106	G6	200	5.10.2010	14	170	7,659				100	Siberian larch
688	107	G7	200	18.11.2010	6	9			15		500	Siberian larch
689	107	G7	200	18.11.2010	12	13			22		0	Siberian larch
690	107	G7	200	18.11.2010	7	14			24		0	Siberian larch
691	107	G7	200	18.11.2010	8	19			32		0	Siberian larch
692	107	G7	200	18.11.2010	1	77					400	Siberian larch
693	107	G7	200	18.11.2010	9	119					0	Siberian larch
694	107	G7	200	18.11.2010	5	139	8,397	6,989			300	Siberian larch
695	107	G7	200	18.11.2010	3	149					0	Siberian larch
696	107	G7	200	18.11.2010	10	154					0	Siberian larch
697	107	G7	200	18.11.2010	2	157					0	Siberian larch

698	107	G7	200	18.11.2010	14	162					0	Siberian larch
699	107	G7	200	18.11.2010	15	171					200	Siberian larch
700	107	G7	200	18.11.2010	4	172					0	Siberian larch
701	107	G7	200	18.11.2010	11	175					0	Siberian larch
702	107	G7	200	18.11.2010	13	198	10,78	8,723			100	Siberian larch
703	108	G8	200	18.11.2010	2	14			24		500	Siberian larch
704	108	G8	200	18.11.2010	9	14			24		0	Siberian larch
705	108	G8	200	18.11.2010	5	40					0	Siberian larch
706	108	G8	200	18.11.2010	13	135					400	Siberian larch
707	108	G8	200	18.11.2010	14	140					0	Siberian larch
708	108	G8	200	18.11.2010	8	141					0	Siberian larch
709	108	G8	200	18.11.2010	7	147					0	Siberian larch
710	108	G8	200	18.11.2010	6	171	9,493	7,499			300	Siberian larch
711	108	G8	200	18.11.2010	1	174					0	Siberian larch
712	108	G8	200	18.11.2010	12	176					0	Siberian larch
713	108	G8	200	18.11.2010	15	179					0	Siberian larch
714	108	G8	200	18.11.2010	4	179					0	Siberian larch
715	108	G8	200	18.11.2010	3	206					200	Siberian larch
716	108	G8	200	18.11.2010	10	211					0	Siberian larch
717	108	G8	200	18.11.2010	11	217					0	Siberian larch
718	108	G8	200	18.11.2010	16	229	9,747	8,066			100	Siberian larch
719	109	G9	200	7.10.2010	17	0			5		500	Siberian larch
720	109	G9	200	7.10.2010	16	13			22		0	Siberian larch
721	109	G9	200	7.10.2010	8	103					0	Siberian larch
722	109	G9	200	7.10.2010	4	107					0	Siberian larch
723	109	G9	200	7.10.2010	9	141					400	Siberian larch
724	109	G9	200	7.10.2010	5	145					0	Siberian larch
725	109	G9	200	7.10.2010	11	156					0	Siberian larch
726	109	G9	200	7.10.2010	10	173					0	Siberian larch
727	109	G9	200	7.10.2010	19	176					0	Siberian larch
728	109	G9	200	7.10.2010	7	176					0	Siberian larch
729	109	G9	200	7.10.2010	14	184					0	Siberian larch
730	109	G9	200	7.10.2010	15	186	14,188	11,589			300	Siberian larch
731	109	G9	200	7.10.2010	2	187					0	Siberian larch
732	109	G9	200	7.10.2010	18	199					0	Siberian larch
733	109	G9	200	7.10.2010	6	214					0	Siberian larch
734	109	G9	200	7.10.2010	12	228					0	Siberian larch
735	109	G9	200	7.10.2010	1	231					200	Siberian larch
736	109	G9	200	7.10.2010	13	259					0	Siberian larch
737	109	G9	200	7.10.2010	3	268					0	Siberian larch
738	109	G9	200	7.10.2010	20	276	13,988				100	Siberian larch
739	135	U35	100	18.11.2010	70	9			19		0	Downy birch
740	135	U35	100	18.11.2010	53	24			33		0	Downy birch
741	135	U35	100	18.11.2010	52	14			24		0	Downy birch

742	135	U35	100	18.11.2010	68	9			14		0	Downy birch
743	135	U35	100	18.11.2010	69	11			22		0	Downy birch
744	135	U35	100	18.11.2010	54	16			20		0	Downy birch
745	135	U35	100	18.11.2010	59	14			19		0	Downy birch
746	135	U35	100	18.11.2010	60	13			21		0	Downy birch
747	135	U35	100	18.11.2010	61	7			14		500	Downy birch
748	135	U35	100	18.11.2010	64	13			19		0	Downy birch
749	135	U35	100	18.11.2010	74	13			23		0	Downy birch
750	135	U35	100	18.11.2010	75	18			22		0	Downy birch
751	135	U35	100	18.11.2010	73	11			18		0	Downy birch
752	135	U35	100	18.11.2010	55	11			22		0	Downy birch
753	135	U35	100	18.11.2010	41	11			22		0	Downy birch
754	135	U35	100	18.11.2010	56	16			26		0	Downy birch
755	135	U35	100	18.11.2010	58	12			19		400	Downy birch
756	135	U35	100	18.11.2010	57	11			21		0	Downy birch
757	135	U35	100	18.11.2010	43	21			27		0	Downy birch
758	135	U35	100	18.11.2010	51	13			17		0	Downy birch
759	135	U35	100	18.11.2010	72	16			20		0	Downy birch
760	135	U35	100	18.11.2010	44	11			16		0	Downy birch
761	135	U35	100	18.11.2010	79	14			21		0	Downy birch
762	135	U35	100	18.11.2010	42	16			25		0	Downy birch
763	135	U35	100	18.11.2010	77	13			19		0	Downy birch
764	135	U35	100	18.11.2010	78	20			34		0	Downy birch
765	135	U35	100	18.11.2010	81	10			20		0	Downy birch
766	135	U35	100	18.11.2010	48	13			26		0	Downy birch
767	135	U35	100	18.11.2010	82	9			23		0	Downy birch
768	135	U35	100	18.11.2010	47	16			30		0	Downy birch
769	135	U35	100	18.11.2010	49	15			22		0	Downy birch
770	135	U35	100	18.11.2010	36	14			22		0	Downy birch
771	135	U35	100	18.11.2010	37	16			27		0	Downy birch
772	135	U35	100	18.11.2010	38	9			17		0	Downy birch
773	135	U35	100	18.11.2010	4	13			24		0	Downy birch
774	135	U35	100	18.11.2010	3	23			28		200	Downy birch
775	135	U35	100	18.11.2010	2	17			29		0	Downy birch
776	135	U35	100	18.11.2010	33	17			27		0	Downy birch
777	135	U35	100	18.11.2010	34	22			28		0	Downy birch
778	135	U35	100	18.11.2010	35	15			22		0	Downy birch
779	135	U35	100	18.11.2010	5	15	2,9	1,3	24		300	Downy birch
780	135	U35	100	18.11.2010	8	13			19		0	Downy birch
781	135	U35	100	18.11.2010	6	14			18		0	Downy birch
782	135	U35	100	18.11.2010	7	10			19		0	Downy birch
783	135	U35	100	18.11.2010	19	10			20		0	Downy birch
784	135	U35	100	18.11.2010	17	18			26		0	Downy birch
785	135	U35	100	18.11.2010	18	17			28		0	Downy birch

786	135	U35	100	18.11.2010	10	17			25		0	Downy birch
787	135	U35	100	18.11.2010	11	11			20		0	Downy birch
788	135	U35	100	18.11.2010	15	11			18		0	Downy birch
789	135	U35	100	18.11.2010	16	10			20		0	Downy birch
790	135	U35	100	18.11.2010	27	17			30		0	Downy birch
791	135	U35	100	18.11.2010	28	18			32		0	Downy birch
792	135	U35	100	18.11.2010	26	10			22		0	Downy birch
793	135	U35	100	18.11.2010	13	16			26		0	Downy birch
794	135	U35	100	18.11.2010	14	21			29		0	Downy birch
795	135	U35	100	18.11.2010	29	21			42		0	Downy birch
796	135	U35	100	18.11.2010	24	29			43		100	Downy birch
797	135	U35	100	18.11.2010	22	11			20		0	Downy birch
798	135	U35	100	18.11.2010	21	9			21		0	Downy birch
799	135	U35	100	18.11.2010	23	10			15		0	Downy birch
800	135	U35	100	18.11.2010	32	0	0,7		9		300	Lodgepole pine
801	135	U35	100	18.11.2010	80	5			8		0	Siberian larch
802	135	U35	100	18.11.2010	67	14			24		0	Siberian larch
803	135	U35	100	18.11.2010	20	33			56		0	Siberian larch
804	135	U35	100	18.11.2010	45	38					0	Siberian larch
805	135	U35	100	18.11.2010	50	40					0	Siberian larch
806	135	U35	100	18.11.2010	62	43					0	Siberian larch
807	135	U35	100	18.11.2010	9	44					0	Siberian larch
808	135	U35	100	18.11.2010	40	47	4,17	1,65			300	Siberian larch
809	135	U35	100	18.11.2010	71	52					0	Siberian larch
810	135	U35	100	18.11.2010	63	53					0	Siberian larch
811	135	U35	100	18.11.2010	31	54					0	Siberian larch
812	135	U35	100	18.11.2010	12	56					0	Siberian larch
813	135	U35	100	18.11.2010	1	58					0	Siberian larch
814	135	U35	100	18.11.2010	25	64					0	Siberian larch
815	135	U35	100	18.11.2010	30	65	3,384	1,646			100	Siberian larch
816	135	U35	100	18.11.2010	65	0			0	12	0	Sitka spruce
817	135	U35	100	18.11.2010	46	0	1,1		12		300	Sitka spruce
818	135	U35	100	18.11.2010	66	0			0	11	0	Sitka spruce
819	135	U35	100	18.11.2010	76	7					0	Sitka spruce
820	135	U35	100	18.11.2010	39	7					0	Sitka spruce
821	136	U36	100	4.10.2010	1	34					0	Downy birch
822	136	U36	100	4.10.2010	2	29	3,32	1,7			300	Downy birch
823	136	U36	100	4.10.2010	25	17					500	Sitka spruce
824	136	U36	100	4.10.2010	21	18					0	Sitka spruce
825	136	U36	100	4.10.2010	8	19					0	Sitka spruce
826	136	U36	100	4.10.2010	20	20					0	Sitka spruce
827	136	U36	100	4.10.2010	19	21					0	Sitka spruce
828	136	U36	100	4.10.2010	3	21					0	Sitka spruce
829	136	U36	100	4.10.2010	30	21					0	Sitka spruce

830	136	U36	100	4.10.2010	4	21					0	Sitka spruce
831	136	U36	100	4.10.2010	18	22					400	Sitka spruce
832	136	U36	100	4.10.2010	29	22					0	Sitka spruce
833	136	U36	100	4.10.2010	11	23					0	Sitka spruce
834	136	U36	100	4.10.2010	10	23					0	Sitka spruce
835	136	U36	100	4.10.2010	16	26					0	Sitka spruce
836	136	U36	100	4.10.2010	17	26					0	Sitka spruce
837	136	U36	100	4.10.2010	12	26	3,4	1,35			300	Sitka spruce
838	136	U36	100	4.10.2010	13	26					0	Sitka spruce
839	136	U36	100	4.10.2010	23	26					0	Sitka spruce
840	136	U36	100	4.10.2010	26	26					0	Sitka spruce
841	136	U36	100	4.10.2010	14	28					0	Sitka spruce
842	136	U36	100	4.10.2010	24	28					0	Sitka spruce
843	136	U36	100	4.10.2010	9	30					0	Sitka spruce
844	136	U36	100	4.10.2010	22	30					0	Sitka spruce
845	136	U36	100	4.10.2010	6	30					0	Sitka spruce
846	136	U36	100	4.10.2010	27	30					0	Sitka spruce
847	136	U36	100	4.10.2010	7	30					0	Sitka spruce
848	136	U36	100	4.10.2010	5	30					200	Sitka spruce
849	136	U36	100	4.10.2010	28	34					0	Sitka spruce
850	136	U36	100	4.10.2010	15	36	3,99				100	Sitka spruce
851	137	U37	100	17.11.2010	31	14			30		0	Downy birch
852	137	U37	100	17.11.2010	30	17	2,5	1,1	32		300	Downy birch
853	137	U37	100	17.11.2010	37	21			30		0	Downy birch
854	137	U37	100	17.11.2010	38	20			25		0	Downy birch
855	137	U37	100	17.11.2010	2	12			20		0	Downy birch
856	137	U37	100	17.11.2010	10	15			27		0	Downy birch
857	137	U37	100	17.11.2010	9	13			21		0	Downy birch
858	137	U37	100	17.11.2010	8	14			22		0	Downy birch
859	137	U37	100	17.11.2010	29	0			19		500	Siberian larch
860	137	U37	100	17.11.2010	19	5			8		0	Siberian larch
861	137	U37	100	17.11.2010	18	6			10		0	Siberian larch
862	137	U37	100	17.11.2010	17	7			12		0	Siberian larch
863	137	U37	100	17.11.2010	16	9			15		0	Siberian larch
864	137	U37	100	17.11.2010	21	17			29		0	Siberian larch
865	137	U37	100	17.11.2010	12	19			32		0	Siberian larch
866	137	U37	100	17.11.2010	11	24			41		0	Siberian larch
867	137	U37	100	17.11.2010	20	30			51		0	Siberian larch
868	137	U37	100	17.11.2010	22	30			51		0	Siberian larch
869	137	U37	100	17.11.2010	14	30			51		0	Siberian larch
870	137	U37	100	17.11.2010	4	30			51		400	Siberian larch
871	137	U37	100	17.11.2010	13	31			52		0	Siberian larch
872	137	U37	100	17.11.2010	3	34			57		0	Siberian larch
873	137	U37	100	17.11.2010	24	38					0	Siberian larch

874	137	U37	100	17.11.2010	33	38					0	Siberian larch
875	137	U37	100	17.11.2010	7	40					0	Siberian larch
876	137	U37	100	17.11.2010	25	41	2,3	1,7			300	Siberian larch
877	137	U37	100	17.11.2010	5	43					0	Siberian larch
878	137	U37	100	17.11.2010	15	44					0	Siberian larch
879	137	U37	100	17.11.2010	27	47					0	Siberian larch
880	137	U37	100	17.11.2010	26	49					0	Siberian larch
881	137	U37	100	17.11.2010	1	50					0	Siberian larch
882	137	U37	100	17.11.2010	28	52					0	Siberian larch
883	137	U37	100	17.11.2010	36	52					0	Siberian larch
884	137	U37	100	17.11.2010	34	56					0	Siberian larch
885	137	U37	100	17.11.2010	32	58					0	Siberian larch
886	137	U37	100	17.11.2010	23	60					200	Siberian larch
887	137	U37	100	17.11.2010	6	71					0	Siberian larch
888	137	U37	100	17.11.2010	35	73	4,642	2,62			100	Siberian larch
889	138	U38	100	17.11.2010	51	19			28		0	Downy birch
890	138	U38	100	17.11.2010	52	10			16		0	Downy birch
891	138	U38	100	17.11.2010	8	22			40		0	Downy birch
892	138	U38	100	17.11.2010	7	29			46		100	Downy birch
893	138	U38	100	17.11.2010	6	13			21		400	Downy birch
894	138	U38	100	17.11.2010	5	16	2,65	1,7	23		300	Downy birch
895	138	U38	100	17.11.2010	9	9			18		0	Downy birch
896	138	U38	100	17.11.2010	3	9			13		500	Downy birch
897	138	U38	100	17.11.2010	10	11			20		0	Downy birch
898	138	U38	100	17.11.2010	11	11			17		0	Downy birch
899	138	U38	100	17.11.2010	4	10			14		0	Downy birch
900	138	U38	100	17.11.2010	18	10			16		0	Downy birch
901	138	U38	100	17.11.2010	17	23			32		200	Downy birch
902	138	U38	100	17.11.2010	16	24			32		0	Downy birch
903	138	U38	100	17.11.2010	13	9			19		0	Downy birch
904	138	U38	100	17.11.2010	44	19			26		0	Downy birch
905	138	U38	100	17.11.2010	12	11			21		0	Downy birch
906	138	U38	100	17.11.2010	43	20			24		0	Downy birch
907	138	U38	100	17.11.2010	42	20			26		0	Downy birch
908	138	U38	100	17.11.2010	39	15			24		0	Downy birch
909	138	U38	100	17.11.2010	38	14			27		0	Downy birch
910	138	U38	100	17.11.2010	47	13			23		0	Downy birch
911	138	U38	100	17.11.2010	37	19			30		0	Downy birch
912	138	U38	100	17.11.2010	36	27			43		0	Downy birch
913	138	U38	100	17.11.2010	26	16			23		0	Downy birch
914	138	U38	100	17.11.2010	27	28			31		0	Downy birch
915	138	U38	100	17.11.2010	28	9			14		0	Downy birch
916	138	U38	100	17.11.2010	25	13			24		0	Downy birch
917	138	U38	100	17.11.2010	24	15			25		0	Downy birch

918	138	U38	100	17.11.2010	20	10			24		0	Downy birch
919	138	U38	100	17.11.2010	22	12			22		0	Downy birch
920	138	U38	100	17.11.2010	23	9			14		0	Downy birch
921	138	U38	100	17.11.2010	29	14			29		0	Downy birch
922	138	U38	100	17.11.2010	30	10			18		0	Downy birch
923	138	U38	100	17.11.2010	35	19			34		0	Downy birch
924	138	U38	100	17.11.2010	33	22			39		0	Downy birch
925	138	U38	100	17.11.2010	34	14			21		0	Downy birch
926	138	U38	100	17.11.2010	21	12			20		0	Downy birch
927	138	U38	100	17.11.2010	32	12			17		0	Downy birch
928	138	U38	100	17.11.2010	31	20			26		0	Downy birch
929	138	U38	100	17.11.2010	57	6			10		0	Siberian larch
930	138	U38	100	17.11.2010	53	14			24		0	Siberian larch
931	138	U38	100	17.11.2010	1	14			24		0	Siberian larch
932	138	U38	100	17.11.2010	45	18			30		0	Siberian larch
933	138	U38	100	17.11.2010	55	30			51		0	Siberian larch
934	138	U38	100	17.11.2010	46	32			54		0	Siberian larch
935	138	U38	100	17.11.2010	40	32			54		0	Siberian larch
936	138	U38	100	17.11.2010	49	37					0	Siberian larch
937	138	U38	100	17.11.2010	56	39					0	Siberian larch
938	138	U38	100	17.11.2010	19	39					0	Siberian larch
939	138	U38	100	17.11.2010	50	47					0	Siberian larch
940	138	U38	100	17.11.2010	2	50					0	Siberian larch
941	138	U38	100	17.11.2010	60	52					0	Siberian larch
942	138	U38	100	17.11.2010	14	52	4,012	1,855			300	Siberian larch
943	138	U38	100	17.11.2010	41	54					0	Siberian larch
944	138	U38	100	17.11.2010	59	56					0	Siberian larch
945	138	U38	100	17.11.2010	48	64					0	Siberian larch
946	138	U38	100	17.11.2010	58	70					0	Siberian larch
947	138	U38	100	17.11.2010	62	70					0	Siberian larch
948	138	U38	100	17.11.2010	54	73					0	Siberian larch
949	138	U38	100	17.11.2010	61	78					0	Siberian larch
950	138	U38	100	17.11.2010	15	90	5,173	2,21			100	Siberian larch
951	139	U39	100	18.11.2010	25	22			35		0	Downy birch
952	139	U39	100	18.11.2010	26	17			27		0	Downy birch
953	139	U39	100	18.11.2010	27	13			23		0	Downy birch
954	139	U39	100	18.11.2010	24	14			20		400	Downy birch
955	139	U39	100	18.11.2010	28	25			35		0	Downy birch
956	139	U39	100	18.11.2010	31	20			44		0	Downy birch
957	139	U39	100	18.11.2010	35	12			29		0	Downy birch
958	139	U39	100	18.11.2010	29	23			41		0	Downy birch
959	139	U39	100	18.11.2010	30	9			20		0	Downy birch
960	139	U39	100	18.11.2010	39	35			42		100	Downy birch
961	139	U39	100	18.11.2010	38	27			34		200	Downy birch

962	139	U39	100	18.11.2010	36	22			33		0	Downy birch
963	139	U39	100	18.11.2010	37	12			32		0	Downy birch
964	139	U39	100	18.11.2010	2	8			13		500	Downy birch
965	139	U39	100	18.11.2010	1	12			22		0	Downy birch
966	139	U39	100	18.11.2010	8	12			27		0	Downy birch
967	139	U39	100	18.11.2010	7	17			30		0	Downy birch
968	139	U39	100	18.11.2010	5	20			37		0	Downy birch
969	139	U39	100	18.11.2010	6	18	2,45	1,55	29		300	Downy birch
970	139	U39	100	18.11.2010	13	13			23		0	Downy birch
971	139	U39	100	18.11.2010	41	16			27		500	Siberian larch
972	139	U39	100	18.11.2010	4	19			32		0	Siberian larch
973	139	U39	100	18.11.2010	40	20			34		0	Siberian larch
974	139	U39	100	18.11.2010	3	20			34		0	Siberian larch
975	139	U39	100	18.11.2010	11	20			34		0	Siberian larch
976	139	U39	100	18.11.2010	12	28			47		0	Siberian larch
977	139	U39	100	18.11.2010	17	32			54		0	Siberian larch
978	139	U39	100	18.11.2010	33	35			59		0	Siberian larch
979	139	U39	100	18.11.2010	21	37					400	Siberian larch
980	139	U39	100	18.11.2010	34	38					0	Siberian larch
981	139	U39	100	18.11.2010	20	39					0	Siberian larch
982	139	U39	100	18.11.2010	23	41					0	Siberian larch
983	139	U39	100	18.11.2010	15	49	3,889	1,239			300	Siberian larch
984	139	U39	100	18.11.2010	19	50					0	Siberian larch
985	139	U39	100	18.11.2010	22	50					0	Siberian larch
986	139	U39	100	18.11.2010	32	51					0	Siberian larch
987	139	U39	100	18.11.2010	9	53					0	Siberian larch
988	139	U39	100	18.11.2010	14	57					0	Siberian larch
989	139	U39	100	18.11.2010	10	77					200	Siberian larch
990	139	U39	100	18.11.2010	18	79					0	Siberian larch
991	139	U39	100	18.11.2010	16	94	5,581	2,329			100	Siberian larch
992	143	U43	100	15.11.2010	3				27		0	Downy birch
993	143	U43	100	15.11.2010	5				14		0	Downy birch
994	143	U43	100	15.11.2010	4				16		0	Downy birch
995	143	U43	100	15.11.2010	12		2,1	1,02	23		300	Downy birch
996	143	U43	100	15.11.2010	11				29		0	Downy birch
997	143	U43	100	15.11.2010	13				26		0	Downy birch
998	143	U43	100	15.11.2010	10				24		0	Downy birch
999	143	U43	100	15.11.2010	26	26			69		0	Lodgepole pine
1000	143	U43	100	15.11.2010	22	20			50		0	Lodgepole pine
1001	143	U43	100	15.11.2010	29	0			14		0	Lodgepole pine
1002	143	U43	100	15.11.2010	27	0			27		0	Lodgepole pine
1003	143	U43	100	15.11.2010	23	18			45		0	Lodgepole pine
1004	143	U43	100	15.11.2010	21	0			19		0	Lodgepole pine
1005	143	U43	100	15.11.2010	31	0			25		400	Lodgepole pine

1006	143	U43	100	15.11.2010	30	0			24		0	Lodgepole pine
1007	143	U43	100	15.11.2010	25	10			31		0	Lodgepole pine
1008	143	U43	100	15.11.2010	24	0			28		0	Lodgepole pine
1009	143	U43	100	15.11.2010	28	0			21		0	Lodgepole pine
1010	143	U43	100	15.11.2010	32	0			26		0	Lodgepole pine
1011	143	U43	100	15.11.2010	1	12			32		0	Lodgepole pine
1012	143	U43	100	15.11.2010	19	0			0	6	500	Lodgepole pine
1013	143	U43	100	15.11.2010	2	16			42		0	Lodgepole pine
1014	143	U43	100	15.11.2010	18	0			18		0	Lodgepole pine
1015	143	U43	100	15.11.2010	6	0			27		0	Lodgepole pine
1016	143	U43	100	15.11.2010	7	22			55		200	Lodgepole pine
1017	143	U43	100	15.11.2010	9	0			16		0	Lodgepole pine
1018	143	U43	100	15.11.2010	16	18			46		0	Lodgepole pine
1019	143	U43	100	15.11.2010	17	27	2,58	0,75	70		100	Lodgepole pine
1020	143	U43	100	15.11.2010	20	14	1,7	0,3	35		300	Lodgepole pine
1021	143	U43	100	15.11.2010	14	0			14		0	Sitka spruce
1022	143	U43	100	15.11.2010	15	0			31		0	Sitka spruce
1023	143	U43	100	15.11.2010	8	9	2,08	0,3	30		300	Sitka spruce
1024	44	U44	100	4.10.2010	21	22			35		0	Downy birch
1025	44	U44	100	4.10.2010	22	16			26		400	Downy birch
1026	44	U44	100	4.10.2010	23	24	2,65		38		100	Downy birch
1027	44	U44	100	4.10.2010	17	17			27		0	Downy birch
1028	44	U44	100	4.10.2010	14	14			22		0	Downy birch
1029	44	U44	100	4.10.2010	13	19	2,2	1,78	30		300	Downy birch
1030	44	U44	100	4.10.2010	12	13			21		0	Downy birch
1031	44	U44	100	4.10.2010	11	12			19		500	Downy birch
1032	44	U44	100	4.10.2010	8	21			34		200	Downy birch
1033	44	U44	100	4.10.2010	6	14			22		0	Downy birch
1034	44	U44	100	4.10.2010	3	20	2,61	2	32		0	Downy birch
1035	44	U44	100	4.10.2010	5	18			29		300	Downy birch
1036	44	U44	100	4.10.2010	24	13			22		500	Siberian larch
1037	44	U44	100	4.10.2010	9	14			24		0	Siberian larch
1038	44	U44	100	4.10.2010	19	15			25		0	Siberian larch
1039	44	U44	100	4.10.2010	18	28			47		0	Siberian larch
1040	44	U44	100	4.10.2010	2	28			47		0	Siberian larch
1041	44	U44	100	4.10.2010	20	30			51		400	Siberian larch
1042	44	U44	100	4.10.2010	15	36			61		0	Siberian larch
1043	44	U44	100	4.10.2010	7	36			61		0	Siberian larch
1044	44	U44	100	4.10.2010	16	37					0	Siberian larch
1045	44	U44	100	4.10.2010	10	40	3,83	1,55			300	Siberian larch
1046	44	U44	100	4.10.2010	4	47					200	Siberian larch
1047	44	U44	100	4.10.2010	1	85	4,955				100	Siberian larch
1048	45	U45	100	4.10.2010	4	10			16		0	Downy birch
1049	45	U45	100	4.10.2010	5	22	3,4	1,8	35		300	Downy birch

1050	45	U45	100	4.10.2010	12	17			27		400	Downy birch
1051	45	U45	100	4.10.2010	11	13			21		0	Downy birch
1052	45	U45	100	4.10.2010	10	11			18		0	Downy birch
1053	45	U45	100	4.10.2010	35	25			40		0	Downy birch
1054	45	U45	100	4.10.2010	37	27			43		0	Downy birch
1055	45	U45	100	4.10.2010	38	38			61		0	Downy birch
1056	45	U45	100	4.10.2010	23	10			16		0	Downy birch
1057	45	U45	100	4.10.2010	24	11			18		0	Downy birch
1058	45	U45	100	4.10.2010	45	39			63		0	Downy birch
1059	45	U45	100	4.10.2010	44	54	5,063		87		100	Downy birch
1060	45	U45	100	4.10.2010	43	15			24		0	Downy birch
1061	45	U45	100	4.10.2010	22	13			21		0	Downy birch
1062	45	U45	100	4.10.2010	49	22			35		0	Downy birch
1063	45	U45	100	4.10.2010	55	16			26		0	Downy birch
1064	45	U45	100	4.10.2010	41	12			19		0	Downy birch
1065	45	U45	100	4.10.2010	51	26			42		0	Downy birch
1066	45	U45	100	4.10.2010	54	15			24		0	Downy birch
1067	45	U45	100	4.10.2010	40	20			32		0	Downy birch
1068	45	U45	100	4.10.2010	32	10			16		0	Downy birch
1069	45	U45	100	4.10.2010	56	18			29		0	Downy birch
1070	45	U45	100	4.10.2010	21	11			18		0	Downy birch
1071	45	U45	100	4.10.2010	50	19			30		0	Downy birch
1072	45	U45	100	4.10.2010	27	16			26		0	Downy birch
1073	45	U45	100	4.10.2010	28	22			35		0	Downy birch
1074	45	U45	100	4.10.2010	53	42			67		200	Downy birch
1075	45	U45	100	4.10.2010	52	14			22		0	Downy birch
1076	45	U45	100	4.10.2010	29	19			30		0	Downy birch
1077	45	U45	100	4.10.2010	31	15			24		0	Downy birch
1078	45	U45	100	4.10.2010	30	9			14		500	Downy birch
1079	45	U45	100	4.10.2010	58	25			40		0	Downy birch
1080	45	U45	100	4.10.2010	57	26			42		0	Downy birch
1081	45	U45	100	4.10.2010	59	25			40		0	Downy birch
1082	45	U45	100	4.10.2010	48	26			42		0	Downy birch
1083	45	U45	100	4.10.2010	64	37			59		0	Downy birch
1084	45	U45	100	4.10.2010	65	42			67		0	Downy birch
1085	45	U45	100	4.10.2010	14	15			24		0	Downy birch
1086	45	U45	100	4.10.2010	15	22			35		0	Downy birch
1087	45	U45	100	4.10.2010	6	15			24		0	Downy birch
1088	45	U45	100	4.10.2010	1	34	3,95	1,3			300	Norway spruce
1089	45	U45	100	4.10.2010	8	20			34		0	Siberian larch
1090	45	U45	100	4.10.2010	36	27			46		0	Siberian larch
1091	45	U45	100	4.10.2010	26	42					0	Siberian larch
1092	45	U45	100	4.10.2010	63	42					0	Siberian larch
1093	45	U45	100	4.10.2010	42	45					0	Siberian larch

1094	45	U45	100	4.10.2010	19	47					0	Siberian larch
1095	45	U45	100	4.10.2010	18	50					0	Siberian larch
1096	45	U45	100	4.10.2010	34	52					0	Siberian larch
1097	45	U45	100	4.10.2010	33	56					0	Siberian larch
1098	45	U45	100	4.10.2010	2	58					0	Siberian larch
1099	45	U45	100	4.10.2010	13	61					0	Siberian larch
1100	45	U45	100	4.10.2010	3	62					0	Siberian larch
1101	45	U45	100	4.10.2010	9	63					0	Siberian larch
1102	45	U45	100	4.10.2010	7	64					0	Siberian larch
1103	45	U45	100	4.10.2010	17	66					0	Siberian larch
1104	45	U45	100	4.10.2010	62	71					0	Siberian larch
1105	45	U45	100	4.10.2010	47	72					0	Siberian larch
1106	45	U45	100	4.10.2010	46	73					0	Siberian larch
1107	45	U45	100	4.10.2010	61	75	4,28	2,78			300	Siberian larch
1108	45	U45	100	4.10.2010	16	82					0	Siberian larch
1109	45	U45	100	4.10.2010	39	90					0	Siberian larch
1110	45	U45	100	4.10.2010	20	90					0	Siberian larch
1111	45	U45	100	4.10.2010	60	91					0	Siberian larch
1112	45	U45	100	4.10.2010	67	124					0	Siberian larch
1113	45	U45	100	4.10.2010	25	128					0	Siberian larch
1114	45	U45	100	4.10.2010	66	145					0	Siberian larch
1115	146	U46	100	17.11.2010	62				20		0	Downy birch
1116	146	U46	100	17.11.2010	60				32		0	Downy birch
1117	146	U46	100	17.11.2010	1				26		0	Downy birch
1118	146	U46	100	17.11.2010	55				32		0	Downy birch
1119	146	U46	100	17.11.2010	58				33		0	Downy birch
1120	146	U46	100	17.11.2010	56				29		0	Downy birch
1121	146	U46	100	17.11.2010	57				14		500	Downy birch
1122	146	U46	100	17.11.2010	3				33		0	Downy birch
1123	146	U46	100	17.11.2010	2				21		0	Downy birch
1124	146	U46	100	17.11.2010	54				22		0	Downy birch
1125	146	U46	100	17.11.2010	10				15		0	Downy birch
1126	146	U46	100	17.11.2010	9				29		0	Downy birch
1127	146	U46	100	17.11.2010	59				17		0	Downy birch
1128	146	U46	100	17.11.2010	61				30		0	Downy birch
1129	146	U46	100	17.11.2010	51				20		0	Downy birch
1130	146	U46	100	17.11.2010	4				32		0	Downy birch
1131	146	U46	100	17.11.2010	52				23		0	Downy birch
1132	146	U46	100	17.11.2010	7				20		400	Downy birch
1133	146	U46	100	17.11.2010	8				15		0	Downy birch
1134	146	U46	100	17.11.2010	6				23		0	Downy birch
1135	146	U46	100	17.11.2010	5				21		0	Downy birch
1136	146	U46	100	17.11.2010	53				19		0	Downy birch
1137	146	U46	100	17.11.2010	11				20		0	Downy birch

1138	146	U46	100	17.11.2010	50				21		0	Downy birch
1139	146	U46	100	17.11.2010	49				34		200	Downy birch
1140	146	U46	100	17.11.2010	46				36		0	Downy birch
1141	146	U46	100	17.11.2010	12				20		0	Downy birch
1142	146	U46	100	17.11.2010	13				21		0	Downy birch
1143	146	U46	100	17.11.2010	14				33		0	Downy birch
1144	146	U46	100	17.11.2010	16				32		0	Downy birch
1145	146	U46	100	17.11.2010	44				30		0	Downy birch
1146	146	U46	100	17.11.2010	45				22		0	Downy birch
1147	146	U46	100	17.11.2010	15				30		0	Downy birch
1148	146	U46	100	17.11.2010	17				19		0	Downy birch
1149	146	U46	100	17.11.2010	43				20		0	Downy birch
1150	146	U46	100	17.11.2010	42				29		0	Downy birch
1151	146	U46	100	17.11.2010	41				17		0	Downy birch
1152	146	U46	100	17.11.2010	48				24		0	Downy birch
1153	146	U46	100	17.11.2010	18				26		0	Downy birch
1154	146	U46	100	17.11.2010	47				25		0	Downy birch
1155	146	U46	100	17.11.2010	19				32		0	Downy birch
1156	146	U46	100	17.11.2010	40				30		0	Downy birch
1157	146	U46	100	17.11.2010	22		2,4	1	25		300	Downy birch
1158	146	U46	100	17.11.2010	21				19		0	Downy birch
1159	146	U46	100	17.11.2010	25				24		0	Downy birch
1160	146	U46	100	17.11.2010	20				30		0	Downy birch
1161	146	U46	100	17.11.2010	28				15		0	Downy birch
1162	146	U46	100	17.11.2010	26				19		0	Downy birch
1163	146	U46	100	17.11.2010	24				21		0	Downy birch
1164	146	U46	100	17.11.2010	34				28		0	Downy birch
1165	146	U46	100	17.11.2010	27				21		0	Downy birch
1166	146	U46	100	17.11.2010	39				22		0	Downy birch
1167	146	U46	100	17.11.2010	23				22		0	Downy birch
1168	146	U46	100	17.11.2010	33		3,2	2,1	41		100	Downy birch
1169	146	U46	100	17.11.2010	38				22		0	Downy birch
1170	146	U46	100	17.11.2010	37				27		0	Downy birch
1171	146	U46	100	17.11.2010	36				28		0	Downy birch
1172	146	U46	100	17.11.2010	29				22		0	Downy birch
1173	146	U46	100	17.11.2010	35				24		0	Downy birch
1174	146	U46	100	17.11.2010	32				19		0	Downy birch
1175	146	U46	100	17.11.2010	31				21		0	Downy birch
1176	146	U46	100	17.11.2010	30				27		0	Downy birch
1177	147	U47	100	18.11.2010	35	27			39		0	Downy birch
1178	147	U47	100	18.11.2010	34	29			52		0	Downy birch
1179	147	U47	100	18.11.2010	36	26			47		0	Downy birch
1180	147	U47	100	18.11.2010	31	9			15		0	Downy birch
1181	147	U47	100	18.11.2010	30	9			16		500	Downy birch

1182	147	U47	100	18.11.2010	29	14			23		0	Downy birch
1183	147	U47	100	18.11.2010	32	12			20		0	Downy birch
1184	147	U47	100	18.11.2010	25	15			27		0	Downy birch
1185	147	U47	100	18.11.2010	2	37			56		100	Downy birch
1186	147	U47	100	18.11.2010	24	13			21		0	Downy birch
1187	147	U47	100	18.11.2010	17	26			40		0	Downy birch
1188	147	U47	100	18.11.2010	3	24			34		0	Downy birch
1189	147	U47	100	18.11.2010	1	16			25		400	Downy birch
1190	147	U47	100	18.11.2010	4	36			47		0	Downy birch
1191	147	U47	100	18.11.2010	21	24			29		0	Downy birch
1192	147	U47	100	18.11.2010	6	20			28		0	Downy birch
1193	147	U47	100	18.11.2010	20	14			23		0	Downy birch
1194	147	U47	100	18.11.2010	7	31			37		200	Downy birch
1195	147	U47	100	18.11.2010	19	27			34		0	Downy birch
1196	147	U47	100	18.11.2010	14	20			24		0	Downy birch
1197	147	U47	100	18.11.2010	16	10			23		0	Downy birch
1198	147	U47	100	18.11.2010	9	10			18		0	Downy birch
1199	147	U47	100	18.11.2010	11	16			20		0	Downy birch
1200	147	U47	100	18.11.2010	12	12			23		0	Downy birch
1201	147	U47	100	18.11.2010	10	21	2,55	1,65	25		300	Downy birch
1202	147	U47	100	18.11.2010	13	10			18		0	Downy birch
1203	147	U47	100	18.11.2010	8	13			23		0	Downy birch
1204	147	U47	100	18.11.2010	15	22			37		0	Siberian larch
1205	147	U47	100	18.11.2010	26	27			46		0	Siberian larch
1206	147	U47	100	18.11.2010	28	30			51		0	Siberian larch
1207	147	U47	100	18.11.2010	27	31			52		0	Siberian larch
1208	147	U47	100	18.11.2010	43	34			57		0	Siberian larch
1209	147	U47	100	18.11.2010	39	41					0	Siberian larch
1210	147	U47	100	18.11.2010	22	45					0	Siberian larch
1211	147	U47	100	18.11.2010	37	48					0	Siberian larch
1212	147	U47	100	18.11.2010	40	53					0	Siberian larch
1213	147	U47	100	18.11.2010	41	54	3,665	0,931			300	Siberian larch
1214	147	U47	100	18.11.2010	23	62					0	Siberian larch
1215	147	U47	100	18.11.2010	42	64					0	Siberian larch
1216	147	U47	100	18.11.2010	38	70					0	Siberian larch
1217	147	U47	100	18.11.2010	5	73					0	Siberian larch
1218	147	U47	100	18.11.2010	33	80					0	Siberian larch
1219	147	U47	100	18.11.2010	44	84					0	Siberian larch
1220	147	U47	100	18.11.2010	18	87	5,394	2,229			100	Siberian larch
1221	148	U48	100	17.11.2010	12	0			0	22	400	Siberian larch
1222	148	U48	100	17.11.2010	10	0			0	30	0	Siberian larch
1223	148	U48	100	17.11.2010	11	0			0	14	500	Siberian larch
1224	148	U48	100	17.11.2010	9	0			0	28	0	Siberian larch
1225	148	U48	100	17.11.2010	13	0			0	18	0	Siberian larch

1226	148	U48	100	17.11.2010	8	0			0	30	0	Siberian larch
1227	148	U48	100	17.11.2010	6	0			0	38	200	Siberian larch
1228	148	U48	100	17.11.2010	7	0			0	18	0	Siberian larch
1229	148	U48	100	17.11.2010	15	0			0	21	0	Siberian larch
1230	148	U48	100	17.11.2010	14	0			0	17	0	Siberian larch
1231	148	U48	100	17.11.2010	5	0			0	28	0	Siberian larch
1232	148	U48	100	17.11.2010	3	0			0	23	0	Siberian larch
1233	148	U48	100	17.11.2010	4	0			0	17	0	Siberian larch
1234	148	U48	100	17.11.2010	1	0	0,82	0,35	22	28	300	Siberian larch
1235	148	U48	100	17.11.2010	2	0	1,1	0,45	35	44	100	Siberian larch
1236	115	U49	100	15.11.2010	18	10			18		0	Black cottonwood
1237	115	U49	100	15.11.2010	19	17	2,41	0,57	30		100	Black cottonwood
1238	115	U49	100	15.11.2010	17	14			26		200	Black cottonwood
1239	115	U49	100	15.11.2010	22	4			7		0	Black cottonwood
1240	115	U49	100	15.11.2010	23	15	2,58	0,6	27		0	Black cottonwood
1241	115	U49	100	15.11.2010	20	7			13		0	Black cottonwood
1242	115	U49	100	15.11.2010	15	6			10		0	Black cottonwood
1243	115	U49	100	15.11.2010	16	12			22		0	Black cottonwood
1244	115	U49	100	15.11.2010	14	13			24		0	Black cottonwood
1245	115	U49	100	15.11.2010	2	12			22		0	Black cottonwood
1246	115	U49	100	15.11.2010	1	13			24		0	Black cottonwood
1247	115	U49	100	15.11.2010	13	8			14		400	Black cottonwood
1248	115	U49	100	15.11.2010	3	11			19		0	Black cottonwood
1249	115	U49	100	15.11.2010	12	11			20		0	Black cottonwood
1250	115	U49	100	15.11.2010	7	9			17		0	Black cottonwood
1251	115	U49	100	15.11.2010	11	13			24		0	Black cottonwood
1252	115	U49	100	15.11.2010	4	3			6		500	Black cottonwood
1253	115	U49	100	15.11.2010	5	12	2,18	0,66	21		300	Black cottonwood
1254	115	U49	100	15.11.2010	9	11			19		0	Black cottonwood
1255	115	U49	100	15.11.2010	6	16			29		0	Black cottonwood
1256	115	U49	100	15.11.2010	8	11			19		0	Black cottonwood
1257	115	U49	100	15.11.2010	21		0,84		5		300	Downy birch
1258	115	U49	100	15.11.2010	10				14		0	Downy birch
1259	115	U49	100	15.11.2010	24	0			28		0	Lodgepole pine
1260	115	U49	100	15.11.2010	25	0	0,7		12		300	Lodgepole pine
1261	115	U49	100	15.11.2010	26	0			0	11	0	Lodgepole pine
1262	116	U50	100	5.10.2010	14	0			4		500	Siberian larch
1263	116	U50	100	5.10.2010	18	0			5		0	Siberian larch
1264	116	U50	100	5.10.2010	13	0			5		0	Siberian larch
1265	116	U50	100	5.10.2010	19	0			6		0	Siberian larch
1266	116	U50	100	5.10.2010	4	0			8		0	Siberian larch
1267	116	U50	100	5.10.2010	3	0			10		0	Siberian larch
1268	116	U50	100	5.10.2010	23	0			11		0	Siberian larch
1269	116	U50	100	5.10.2010	2	0			13		400	Siberian larch

1270	116	U50	100	5.10.2010	5	0			13		0	Siberian larch
1271	116	U50	100	5.10.2010	16	3			21		0	Siberian larch
1272	116	U50	100	5.10.2010	26	5			23		0	Siberian larch
1273	116	U50	100	5.10.2010	24	5			35		0	Siberian larch
1274	116	U50	100	5.10.2010	10	5			22		0	Siberian larch
1275	116	U50	100	5.10.2010	17	6			20		0	Siberian larch
1276	116	U50	100	5.10.2010	12	6			20		0	Siberian larch
1277	116	U50	100	5.10.2010	8	6	1,98	0,78	22		300	Siberian larch
1278	116	U50	100	5.10.2010	21	8			22		0	Siberian larch
1279	116	U50	100	5.10.2010	20	8			20		0	Siberian larch
1280	116	U50	100	5.10.2010	15	8			25		0	Siberian larch
1281	116	U50	100	5.10.2010	6	8			24		0	Siberian larch
1282	116	U50	100	5.10.2010	27	9	2		36		100	Siberian larch
1283	116	U50	100	5.10.2010	22	10			22		0	Siberian larch
1284	116	U50	100	5.10.2010	25	10			22		0	Siberian larch
1285	116	U50	100	5.10.2010	7	10			27		0	Siberian larch
1286	116	U50	100	5.10.2010	9	11			25		0	Siberian larch
1287	116	U50	100	5.10.2010	11	12			30		200	Siberian larch
1288	116	U50	100	5.10.2010	1	14			31		0	Siberian larch
1289	116	U50	100	5.10.2010	28	16			32		0	Siberian larch
1290	1115	Y15	100	16.11.2010	33	0			10		0	Siberian larch
1291	1115	Y15	100	16.11.2010	17	0			12		500	Siberian larch
1292	1115	Y15	100	16.11.2010	21	7			12		0	Siberian larch
1293	1115	Y15	100	16.11.2010	30	10			17		0	Siberian larch
1294	1115	Y15	100	16.11.2010	24	13			22		0	Siberian larch
1295	1115	Y15	100	16.11.2010	10	17			29		0	Siberian larch
1296	1115	Y15	100	16.11.2010	28	18			30		0	Siberian larch
1297	1115	Y15	100	16.11.2010	32	18			30		0	Siberian larch
1298	1115	Y15	100	16.11.2010	9	18			30		0	Siberian larch
1299	1115	Y15	100	16.11.2010	25	26	4,634	2,867	44		400	Siberian larch
1300	1115	Y15	100	16.11.2010	31	32			54		0	Siberian larch
1301	1115	Y15	100	16.11.2010	34	32			54		0	Siberian larch
1302	1115	Y15	100	16.11.2010	15	32			54		0	Siberian larch
1303	1115	Y15	100	16.11.2010	14	33			56		0	Siberian larch
1304	1115	Y15	100	16.11.2010	8	34			57		0	Siberian larch
1305	1115	Y15	100	16.11.2010	29	35			59		0	Siberian larch
1306	1115	Y15	100	16.11.2010	39	35			59		0	Siberian larch
1307	1115	Y15	100	16.11.2010	22	35			59		0	Siberian larch
1308	1115	Y15	100	16.11.2010	40	36			61		0	Siberian larch
1309	1115	Y15	100	16.11.2010	18	39					0	Siberian larch
1310	1115	Y15	100	16.11.2010	1	39					0	Siberian larch
1311	1115	Y15	100	16.11.2010	3	39					0	Siberian larch
1312	1115	Y15	100	16.11.2010	4	39					0	Siberian larch
1313	1115	Y15	100	16.11.2010	6	40	3,5	1,5			300	Siberian larch

1314	1115	Y15	100	16.11.2010	35	41					0	Siberian larch
1315	1115	Y15	100	16.11.2010	7	42					0	Siberian larch
1316	1115	Y15	100	16.11.2010	27	43					0	Siberian larch
1317	1115	Y15	100	16.11.2010	13	43					0	Siberian larch
1318	1115	Y15	100	16.11.2010	41	45					0	Siberian larch
1319	1115	Y15	100	16.11.2010	16	45					0	Siberian larch
1320	1115	Y15	100	16.11.2010	12	45					0	Siberian larch
1321	1115	Y15	100	16.11.2010	37	49					0	Siberian larch
1322	1115	Y15	100	16.11.2010	36	50					0	Siberian larch
1323	1115	Y15	100	16.11.2010	2	52					0	Siberian larch
1324	1115	Y15	100	16.11.2010	26	54					0	Siberian larch
1325	1115	Y15	100	16.11.2010	38	55					200	Siberian larch
1326	1115	Y15	100	16.11.2010	19	57					0	Siberian larch
1327	1115	Y15	100	16.11.2010	23	59					0	Siberian larch
1328	1115	Y15	100	16.11.2010	11	61					0	Siberian larch
1329	1115	Y15	100	16.11.2010	5	62					0	Siberian larch
1330	1115	Y15	100	16.11.2010	20	67					100	Siberian larch
1331	1116	Y16	100	15.11.2010	2				10		0	Downy birch
1332	1116	Y16	100	15.11.2010	1		1,03	0,6	9		300	Downy birch
1333	1116	Y16	100	15.11.2010	5	19			31		500	Siberian larch
1334	1116	Y16	100	15.11.2010	4	34			44		400	Siberian larch
1335	1116	Y16	100	15.11.2010	6	40	3,4	1,4	54		200	Siberian larch
1336	1116	Y16	100	15.11.2010	3	67	3,947	1,527	87		100	Siberian larch
1337	117	Y17	100	17.11.2010	15	15			33		0	Downy birch
1338	117	Y17	100	17.11.2010	16	11			23		0	Downy birch
1339	117	Y17	100	17.11.2010	17	24			41		0	Downy birch
1340	117	Y17	100	17.11.2010	9	35	4,4	1,5	51		300	Downy birch
1341	117	Y17	100	17.11.2010	10	36			46		0	Downy birch
1342	117	Y17	100	17.11.2010	11	60			80		0	Downy birch
1343	117	Y17	100	17.11.2010	7	13			23		0	Downy birch
1344	117	Y17	100	17.11.2010	18	14			24		500	Siberian larch
1345	117	Y17	100	17.11.2010	20	16			27		0	Siberian larch
1346	117	Y17	100	17.11.2010	19	18			30		0	Siberian larch
1347	117	Y17	100	17.11.2010	3	23			39		0	Siberian larch
1348	117	Y17	100	17.11.2010	4	31			52		0	Siberian larch
1349	117	Y17	100	17.11.2010	6	55					400	Siberian larch
1350	117	Y17	100	17.11.2010	8	63					0	Siberian larch
1351	117	Y17	100	17.11.2010	14	64	4,783	2,459			300	Siberian larch
1352	117	Y17	100	17.11.2010	13	75					0	Siberian larch
1353	117	Y17	100	17.11.2010	2	94					200	Siberian larch
1354	117	Y17	100	17.11.2010	1	95					0	Siberian larch
1355	117	Y17	100	17.11.2010	12	96					0	Siberian larch
1356	117	Y17	100	17.11.2010	5	104	5,249	2,684			100	Siberian larch
1357	118	Y18	100	18.11.2010	15	49					500	Siberian larch

1358	118	Y18	100	18.11.2010	8	57					0	Siberian larch
1359	118	Y18	100	18.11.2010	17	62					0	Siberian larch
1360	118	Y18	100	18.11.2010	19	62					0	Siberian larch
1361	118	Y18	100	18.11.2010	7	68					0	Siberian larch
1362	118	Y18	100	18.11.2010	12	76					400	Siberian larch
1363	118	Y18	100	18.11.2010	1	79					0	Siberian larch
1364	118	Y18	100	18.11.2010	2	80					0	Siberian larch
1365	118	Y18	100	18.11.2010	4	83					0	Siberian larch
1366	118	Y18	100	18.11.2010	13	95	5,847	2,786			300	Siberian larch
1367	118	Y18	100	18.11.2010	11	97					0	Siberian larch
1368	118	Y18	100	18.11.2010	3	99					0	Siberian larch
1369	118	Y18	100	18.11.2010	16	101					0	Siberian larch
1370	118	Y18	100	18.11.2010	20	109					0	Siberian larch
1371	118	Y18	100	18.11.2010	6	111					0	Siberian larch
1372	118	Y18	100	18.11.2010	9	121					200	Siberian larch
1373	118	Y18	100	18.11.2010	10	145					0	Siberian larch
1374	118	Y18	100	18.11.2010	14	148	5,871	3,419			100	Siberian larch
1375	118	Y18	100	18.11.2010	5	0	1,15		18		300	Sitka spruce
1376	118	Y18	100	18.11.2010	18	14					0	Sitka spruce
1377	119	Y19	100	16.11.2010	42				37		100	Downy birch
1378	119	Y19	100	16.11.2010	41				27		0	Downy birch
1379	119	Y19	100	16.11.2010	39				23		0	Downy birch
1380	119	Y19	100	16.11.2010	48				24		0	Downy birch
1381	119	Y19	100	16.11.2010	40				19		0	Downy birch
1382	119	Y19	100	16.11.2010	45				10		500	Downy birch
1383	119	Y19	100	16.11.2010	44				21		0	Downy birch
1384	119	Y19	100	16.11.2010	61				21		0	Downy birch
1385	119	Y19	100	16.11.2010	62				18		0	Downy birch
1386	119	Y19	100	16.11.2010	4				16		400	Downy birch
1387	119	Y19	100	16.11.2010	3				14		0	Downy birch
1388	119	Y19	100	16.11.2010	6		2,05		21		300	Downy birch
1389	119	Y19	100	16.11.2010	5				20		0	Downy birch
1390	119	Y19	100	16.11.2010	12				11		0	Downy birch
1391	119	Y19	100	16.11.2010	11				19		0	Downy birch
1392	119	Y19	100	16.11.2010	9				21		0	Downy birch
1393	119	Y19	100	16.11.2010	8				25		0	Downy birch
1394	119	Y19	100	16.11.2010	10				16		0	Downy birch
1395	119	Y19	100	16.11.2010	24				25		0	Downy birch
1396	119	Y19	100	16.11.2010	25				20		0	Downy birch
1397	119	Y19	100	16.11.2010	23				19		0	Downy birch
1398	119	Y19	100	16.11.2010	26				15		0	Downy birch
1399	119	Y19	100	16.11.2010	15				17		0	Downy birch
1400	119	Y19	100	16.11.2010	17				31		200	Downy birch
1401	119	Y19	100	16.11.2010	18				32		0	Downy birch

1402	119	Y19	100	16.11.2010	19				25		0	Downy birch
1403	119	Y19	100	16.11.2010	7	0			25		0	Siberian larch
1404	119	Y19	100	16.11.2010	1	10			21		500	Siberian larch
1405	119	Y19	100	16.11.2010	34	16			35		0	Siberian larch
1406	119	Y19	100	16.11.2010	16	28			44		0	Siberian larch
1407	119	Y19	100	16.11.2010	60	34			41		0	Siberian larch
1408	119	Y19	100	16.11.2010	51	36			45		0	Siberian larch
1409	119	Y19	100	16.11.2010	33	39			53		0	Siberian larch
1410	119	Y19	100	16.11.2010	52	43			53		0	Siberian larch
1411	119	Y19	100	16.11.2010	27	43			51		0	Siberian larch
1412	119	Y19	100	16.11.2010	22	44			55		0	Siberian larch
1413	119	Y19	100	16.11.2010	43	49			63		0	Siberian larch
1414	119	Y19	100	16.11.2010	36	49			61		400	Siberian larch
1415	119	Y19	100	16.11.2010	35	50			54		0	Siberian larch
1416	119	Y19	100	16.11.2010	30	53			64		0	Siberian larch
1417	119	Y19	100	16.11.2010	14	55			71		0	Siberian larch
1418	119	Y19	100	16.11.2010	59	56			69		0	Siberian larch
1419	119	Y19	100	16.11.2010	57	56			69		0	Siberian larch
1420	119	Y19	100	16.11.2010	21	56			60		0	Siberian larch
1421	119	Y19	100	16.11.2010	50	57			73		0	Siberian larch
1422	119	Y19	100	16.11.2010	55	60			70		0	Siberian larch
1423	119	Y19	100	16.11.2010	28	62			77		0	Siberian larch
1424	119	Y19	100	16.11.2010	38	69			77		0	Siberian larch
1425	119	Y19	100	16.11.2010	47	70			97		0	Siberian larch
1426	119	Y19	100	16.11.2010	58	70			75		0	Siberian larch
1427	119	Y19	100	16.11.2010	56	71			93		0	Siberian larch
1428	119	Y19	100	16.11.2010	31	72	4,741	2,488	83		300	Siberian larch
1429	119	Y19	100	16.11.2010	2	78			87		0	Siberian larch
1430	119	Y19	100	16.11.2010	13	81			97		0	Siberian larch
1431	119	Y19	100	16.11.2010	29	86			95		0	Siberian larch
1432	119	Y19	100	16.11.2010	49	92			113		0	Siberian larch
1433	119	Y19	100	16.11.2010	53	93			114		0	Siberian larch
1434	119	Y19	100	16.11.2010	32	98			120		0	Siberian larch
1435	119	Y19	100	16.11.2010	46	99			113		200	Siberian larch
1436	119	Y19	100	16.11.2010	20	106			120		0	Siberian larch
1437	119	Y19	100	16.11.2010	54	114			128		0	Siberian larch
1438	119	Y19	100	16.11.2010	37	118	5,565	3,356	133		100	Siberian larch
1439	120	Y20	100	16.11.2010	16	10			25		0	Downy birch
1440	120	Y20	100	16.11.2010	15	7	2,1	0,8	14		300	Downy birch
1441	120	Y20	100	16.11.2010	28	4			7		500	Siberian larch
1442	120	Y20	100	16.11.2010	30	6			10		0	Siberian larch
1443	120	Y20	100	16.11.2010	29	8			14		0	Siberian larch
1444	120	Y20	100	16.11.2010	2	14			24		0	Siberian larch
1445	120	Y20	100	16.11.2010	20	20			34		0	Siberian larch

1446	120	Y20	100	16.11.2010	22	30			51		0	Siberian larch
1447	120	Y20	100	16.11.2010	24	34			57		0	Siberian larch
1448	120	Y20	100	16.11.2010	6	38					400	Siberian larch
1449	120	Y20	100	16.11.2010	25	42					0	Siberian larch
1450	120	Y20	100	16.11.2010	1	47					0	Siberian larch
1451	120	Y20	100	16.11.2010	19	47					0	Siberian larch
1452	120	Y20	100	16.11.2010	11	51					0	Siberian larch
1453	120	Y20	100	16.11.2010	27	51					0	Siberian larch
1454	120	Y20	100	16.11.2010	26	52					0	Siberian larch
1455	120	Y20	100	16.11.2010	13	56	4,418	2,341			300	Siberian larch
1456	120	Y20	100	16.11.2010	10	60					0	Siberian larch
1457	120	Y20	100	16.11.2010	23	60					0	Siberian larch
1458	120	Y20	100	16.11.2010	3	62					0	Siberian larch
1459	120	Y20	100	16.11.2010	12	62					0	Siberian larch
1460	120	Y20	100	16.11.2010	9	62					0	Siberian larch
1461	120	Y20	100	16.11.2010	17	70					0	Siberian larch
1462	120	Y20	100	16.11.2010	5	70					0	Siberian larch
1463	120	Y20	100	16.11.2010	4	71					0	Siberian larch
1464	120	Y20	100	16.11.2010	21	74					0	Siberian larch
1465	120	Y20	100	16.11.2010	8	79					0	Siberian larch
1466	120	Y20	100	16.11.2010	18	81					0	Siberian larch
1467	120	Y20	100	16.11.2010	14	81					200	Siberian larch
1468	120	Y20	100	16.11.2010	7	112	4,83	2,232			100	Siberian larch
1469	121	Y21	100	17.11.2010	54	16			24		0	Downy birch
1470	121	Y21	100	17.11.2010	48	13			20		0	Downy birch
1471	121	Y21	100	17.11.2010	56	8			11		0	Downy birch
1472	121	Y21	100	17.11.2010	47	11			17		0	Downy birch
1473	121	Y21	100	17.11.2010	55	11			18		0	Downy birch
1474	121	Y21	100	17.11.2010	64	14			30		0	Downy birch
1475	121	Y21	100	17.11.2010	63	14	3		30		300	Downy birch
1476	121	Y21	100	17.11.2010	62	20			22		0	Downy birch
1477	121	Y21	100	17.11.2010	61	8			17		0	Downy birch
1478	121	Y21	100	17.11.2010	60	11			15		0	Downy birch
1479	121	Y21	100	17.11.2010	3	26			33		0	Downy birch
1480	121	Y21	100	17.11.2010	7	12			19		0	Downy birch
1481	121	Y21	100	17.11.2010	8	19			23		0	Downy birch
1482	121	Y21	100	17.11.2010	5	12			16		0	Downy birch
1483	121	Y21	100	17.11.2010	6	12			14		0	Downy birch
1484	121	Y21	100	17.11.2010	4	9			13		0	Downy birch
1485	121	Y21	100	17.11.2010	26	16			18		0	Downy birch
1486	121	Y21	100	17.11.2010	25	9			14		0	Downy birch
1487	121	Y21	100	17.11.2010	30	13			20		0	Downy birch
1488	121	Y21	100	17.11.2010	28	7			14		0	Downy birch
1489	121	Y21	100	17.11.2010	29	11			13		0	Downy birch

1490	121	Y21	100	17.11.2010	27	13			20		0	Downy birch
1491	121	Y21	100	17.11.2010	10	0			13		0	Lodgepole pine
1492	121	Y21	100	17.11.2010	18	0			0	8	0	Lodgepole pine
1493	121	Y21	100	17.11.2010	45	0			12		0	Lodgepole pine
1494	121	Y21	100	17.11.2010	41	8	1,5	0,65			300	Lodgepole pine
1495	121	Y21	100	17.11.2010	52	16					0	Lodgepole pine
1496	121	Y21	100	17.11.2010	37	12			20		0	Lodgepole pine
1497	121	Y21	100	17.11.2010	1	10					0	Lodgepole pine
1498	121	Y21	100	17.11.2010	17	7			12		500	Siberian larch
1499	121	Y21	100	17.11.2010	12	14			24		0	Siberian larch
1500	121	Y21	100	17.11.2010	24	29			49		0	Siberian larch
1501	121	Y21	100	17.11.2010	19	30			51		0	Siberian larch
1502	121	Y21	100	17.11.2010	15	32			54		0	Siberian larch
1503	121	Y21	100	17.11.2010	16	34			57		0	Siberian larch
1504	121	Y21	100	17.11.2010	46	50					0	Siberian larch
1505	121	Y21	100	17.11.2010	43	50					0	Siberian larch
1506	121	Y21	100	17.11.2010	31	52					0	Siberian larch
1507	121	Y21	100	17.11.2010	38	54					0	Siberian larch
1508	121	Y21	100	17.11.2010	14	54					0	Siberian larch
1509	121	Y21	100	17.11.2010	2	60					400	Siberian larch
1510	121	Y21	100	17.11.2010	32	65					0	Siberian larch
1511	121	Y21	100	17.11.2010	11	73					0	Siberian larch
1512	121	Y21	100	17.11.2010	39	74					0	Siberian larch
1513	121	Y21	100	17.11.2010	49	83	5,09	2,36			300	Siberian larch
1514	121	Y21	100	17.11.2010	51	83					0	Siberian larch
1515	121	Y21	100	17.11.2010	36	92					0	Siberian larch
1516	121	Y21	100	17.11.2010	50	93					0	Siberian larch
1517	121	Y21	100	17.11.2010	42	96					0	Siberian larch
1518	121	Y21	100	17.11.2010	21	99					0	Siberian larch
1519	121	Y21	100	17.11.2010	40	100					0	Siberian larch
1520	121	Y21	100	17.11.2010	20	101					0	Siberian larch
1521	121	Y21	100	17.11.2010	57	102					0	Siberian larch
1522	121	Y21	100	17.11.2010	53	105					0	Siberian larch
1523	121	Y21	100	17.11.2010	9	105					0	Siberian larch
1524	121	Y21	100	17.11.2010	58	106					0	Siberian larch
1525	121	Y21	100	17.11.2010	44	110					200	Siberian larch
1526	121	Y21	100	17.11.2010	34	115					0	Siberian larch
1527	121	Y21	100	17.11.2010	59	116					0	Siberian larch
1528	121	Y21	100	17.11.2010	13	116					0	Siberian larch
1529	121	Y21	100	17.11.2010	22	117					0	Siberian larch
1530	121	Y21	100	17.11.2010	23	122					0	Siberian larch
1531	121	Y21	100	17.11.2010	33	130					0	Siberian larch
1532	121	Y21	100	17.11.2010	35	133	6,566	4,102			100	Siberian larch
1533	122	Y22	100	7.10.2010	5	2			12		0	Downy birch

1534	122	Y22	100	7.10.2010	4	3			13		0	Downy birch
1535	122	Y22	100	7.10.2010	19	22	3,15	1,6	36		300	Downy birch
1536	122	Y22	100	7.10.2010	18	54			68		0	Downy birch
1537	122	Y22	100	7.10.2010	7	7			12		500	Siberian larch
1538	122	Y22	100	7.10.2010	41	9			15		0	Siberian larch
1539	122	Y22	100	7.10.2010	40	10			17		0	Siberian larch
1540	122	Y22	100	7.10.2010	33	12			20		0	Siberian larch
1541	122	Y22	100	7.10.2010	3	16			27		0	Siberian larch
1542	122	Y22	100	7.10.2010	2	20			34		0	Siberian larch
1543	122	Y22	100	7.10.2010	1	22			37		0	Siberian larch
1544	122	Y22	100	7.10.2010	30	25			42		0	Siberian larch
1545	122	Y22	100	7.10.2010	28	32			54		0	Siberian larch
1546	122	Y22	100	7.10.2010	15	35			59		0	Siberian larch
1547	122	Y22	100	7.10.2010	43	37					0	Siberian larch
1548	122	Y22	100	7.10.2010	34	41					400	Siberian larch
1549	122	Y22	100	7.10.2010	32	44					0	Siberian larch
1550	122	Y22	100	7.10.2010	14	47					0	Siberian larch
1551	122	Y22	100	7.10.2010	35	48					0	Siberian larch
1552	122	Y22	100	7.10.2010	21	48					0	Siberian larch
1553	122	Y22	100	7.10.2010	12	49					0	Siberian larch
1554	122	Y22	100	7.10.2010	38	50					0	Siberian larch
1555	122	Y22	100	7.10.2010	16	53					0	Siberian larch
1556	122	Y22	100	7.10.2010	6	56					0	Siberian larch
1557	122	Y22	100	7.10.2010	27	57	5,241	3,028			300	Siberian larch
1558	122	Y22	100	7.10.2010	17	66					0	Siberian larch
1559	122	Y22	100	7.10.2010	10	66					0	Siberian larch
1560	122	Y22	100	7.10.2010	36	67					0	Siberian larch
1561	122	Y22	100	7.10.2010	25	67					0	Siberian larch
1562	122	Y22	100	7.10.2010	42	71					0	Siberian larch
1563	122	Y22	100	7.10.2010	9	72					0	Siberian larch
1564	122	Y22	100	7.10.2010	24	73					0	Siberian larch
1565	122	Y22	100	7.10.2010	23	75					0	Siberian larch
1566	122	Y22	100	7.10.2010	39	80					0	Siberian larch
1567	122	Y22	100	7.10.2010	37	80					200	Siberian larch
1568	122	Y22	100	7.10.2010	8	85					0	Siberian larch
1569	122	Y22	100	7.10.2010	13	86					0	Siberian larch
1570	122	Y22	100	7.10.2010	20	86					0	Siberian larch
1571	122	Y22	100	7.10.2010	31	90					0	Siberian larch
1572	122	Y22	100	7.10.2010	29	92					0	Siberian larch
1573	122	Y22	100	7.10.2010	22	92					0	Siberian larch
1574	122	Y22	100	7.10.2010	11	93					0	Siberian larch
1575	122	Y22	100	7.10.2010	26	95	4,683				100	Siberian larch
1576	123	Y23	100	15.11.2010	6	40					500	Siberian larch
1577	123	Y23	100	15.11.2010	1	44					0	Siberian larch

1578	123	Y23	100	15.11.2010	3	48					400	Siberian larch
1579	123	Y23	100	15.11.2010	2	55	4,1	1,2			300	Siberian larch
1580	123	Y23	100	15.11.2010	4	64					200	Siberian larch
1581	123	Y23	100	15.11.2010	5	68	3,7	1,5			100	Siberian larch
1582	124	Y24	100	17.11.2010	42	24			31		0	Downy birch
1583	124	Y24	100	17.11.2010	41	21			28		0	Downy birch
1584	124	Y24	100	17.11.2010	39	12			20		0	Downy birch
1585	124	Y24	100	17.11.2010	40	16			34		0	Downy birch
1586	124	Y24	100	17.11.2010	37	14	2,55	1,7	29		300	Downy birch
1587	124	Y24	100	17.11.2010	36	19			34		0	Downy birch
1588	124	Y24	100	17.11.2010	38	13			22		0	Downy birch
1589	124	Y24	100	17.11.2010	47	10			18		0	Downy birch
1590	124	Y24	100	17.11.2010	27	10			20		0	Downy birch
1591	124	Y24	100	17.11.2010	53	12			19		0	Downy birch
1592	124	Y24	100	17.11.2010	54	13			19		0	Downy birch
1593	124	Y24	100	17.11.2010	52	19			33		0	Downy birch
1594	124	Y24	100	17.11.2010	55	10			18		0	Downy birch
1595	124	Y24	100	17.11.2010	57	18			27		0	Downy birch
1596	124	Y24	100	17.11.2010	56	12			20		0	Downy birch
1597	124	Y24	100	17.11.2010	7	11			20		0	Downy birch
1598	124	Y24	100	17.11.2010	8	10			18		0	Downy birch
1599	124	Y24	100	17.11.2010	11	13			17		0	Downy birch
1600	124	Y24	100	17.11.2010	10	12			21		0	Downy birch
1601	124	Y24	100	17.11.2010	9	24			33		0	Downy birch
1602	124	Y24	100	17.11.2010	15	13			22		0	Downy birch
1603	124	Y24	100	17.11.2010	14	10			17		0	Downy birch
1604	124	Y24	100	17.11.2010	13	11			20		0	Downy birch
1605	124	Y24	100	17.11.2010	6	28			47		500	Siberian larch
1606	124	Y24	100	17.11.2010	16	28			47		0	Siberian larch
1607	124	Y24	100	17.11.2010	12	31			52		0	Siberian larch
1608	124	Y24	100	17.11.2010	29	39					0	Siberian larch
1609	124	Y24	100	17.11.2010	30	41					0	Siberian larch
1610	124	Y24	100	17.11.2010	5	42					0	Siberian larch
1611	124	Y24	100	17.11.2010	32	44					0	Siberian larch
1612	124	Y24	100	17.11.2010	26	44					0	Siberian larch
1613	124	Y24	100	17.11.2010	51	48					0	Siberian larch
1614	124	Y24	100	17.11.2010	35	49					0	Siberian larch
1615	124	Y24	100	17.11.2010	3	50					0	Siberian larch
1616	124	Y24	100	17.11.2010	48	52					400	Siberian larch
1617	124	Y24	100	17.11.2010	4	53					0	Siberian larch
1618	124	Y24	100	17.11.2010	21	54					0	Siberian larch
1619	124	Y24	100	17.11.2010	31	55					0	Siberian larch
1620	124	Y24	100	17.11.2010	19	57					0	Siberian larch
1621	124	Y24	100	17.11.2010	17	60					0	Siberian larch

1622	124	Y24	100	17.11.2010	50	62					0	Siberian larch
1623	124	Y24	100	17.11.2010	1	62					0	Siberian larch
1624	124	Y24	100	17.11.2010	22	63					0	Siberian larch
1625	124	Y24	100	17.11.2010	46	68	4,662	2,154			300	Siberian larch
1626	124	Y24	100	17.11.2010	34	70					0	Siberian larch
1627	124	Y24	100	17.11.2010	20	71					0	Siberian larch
1628	124	Y24	100	17.11.2010	58	72					0	Siberian larch
1629	124	Y24	100	17.11.2010	24	73					0	Siberian larch
1630	124	Y24	100	17.11.2010	2	74					0	Siberian larch
1631	124	Y24	100	17.11.2010	28	76					0	Siberian larch
1632	124	Y24	100	17.11.2010	45	88					0	Siberian larch
1633	124	Y24	100	17.11.2010	23	90					0	Siberian larch
1634	124	Y24	100	17.11.2010	33	93					0	Siberian larch
1635	124	Y24	100	17.11.2010	25	93					0	Siberian larch
1636	124	Y24	100	17.11.2010	43	97					200	Siberian larch
1637	124	Y24	100	17.11.2010	18	99					0	Siberian larch
1638	124	Y24	100	17.11.2010	49	110					0	Siberian larch
1639	124	Y24	100	17.11.2010	44	116	6,851	3,666			100	Siberian larch
1640	125	Y25	100	8.10.2010	23	17	3,2	1,56	27		300	Downy birch
1641	125	Y25	100	8.10.2010	22	36			50		0	Downy birch
1642	125	Y25	100	8.10.2010	21	20			34		500	Siberian larch
1643	125	Y25	100	8.10.2010	19	40					0	Siberian larch
1644	125	Y25	100	8.10.2010	6	40					0	Siberian larch
1645	125	Y25	100	8.10.2010	20	42					0	Siberian larch
1646	125	Y25	100	8.10.2010	12	52					400	Siberian larch
1647	125	Y25	100	8.10.2010	9	54					0	Siberian larch
1648	125	Y25	100	8.10.2010	8	55					0	Siberian larch
1649	125	Y25	100	8.10.2010	3	56					0	Siberian larch
1650	125	Y25	100	8.10.2010	18	58					0	Siberian larch
1651	125	Y25	100	8.10.2010	11	60					0	Siberian larch
1652	125	Y25	100	8.10.2010	27	61					0	Siberian larch
1653	125	Y25	100	8.10.2010	10	62					0	Siberian larch
1654	125	Y25	100	8.10.2010	2	66					0	Siberian larch
1655	125	Y25	100	8.10.2010	25	67					0	Siberian larch
1656	125	Y25	100	8.10.2010	26	68					0	Siberian larch
1657	125	Y25	100	8.10.2010	4	70	3,64	2,03			300	Siberian larch
1658	125	Y25	100	8.10.2010	24	75					0	Siberian larch
1659	125	Y25	100	8.10.2010	15	78					0	Siberian larch
1660	125	Y25	100	8.10.2010	28	80					0	Siberian larch
1661	125	Y25	100	8.10.2010	13	80					0	Siberian larch
1662	125	Y25	100	8.10.2010	7	80					0	Siberian larch
1663	125	Y25	100	8.10.2010	14	85					200	Siberian larch
1664	125	Y25	100	8.10.2010	17	90					0	Siberian larch
1665	125	Y25	100	8.10.2010	1	95					0	Siberian larch

1666	125	Y25	100	8.10.2010	5	95					0	Siberian larch
1667	125	Y25	100	8.10.2010	16	102	6,075				100	Siberian larch
1668	126	Y26	100	15.11.2010	13				46		0	Downy birch
1669	126	Y26	100	15.11.2010	14				24		0	Downy birch
1670	126	Y26	100	15.11.2010	12		1,6		28		300	Downy birch
1671	126	Y26	100	15.11.2010	11				27		0	Downy birch
1672	126	Y26	100	15.11.2010	15				22		0	Downy birch
1673	126	Y26	100	15.11.2010	10				38		0	Downy birch
1674	126	Y26	100	15.11.2010	8	0			23		0	Siberian larch
1675	126	Y26	100	15.11.2010	2	0			23		500	Siberian larch
1676	126	Y26	100	15.11.2010	6	0			25		0	Siberian larch
1677	126	Y26	100	15.11.2010	5	0			26		0	Siberian larch
1678	126	Y26	100	15.11.2010	3	0			26		0	Siberian larch
1679	126	Y26	100	15.11.2010	7	0			30		0	Siberian larch
1680	126	Y26	100	15.11.2010	4	0			36		0	Siberian larch
1681	126	Y26	100	15.11.2010	19	0			42		400	Siberian larch
1682	126	Y26	100	15.11.2010	9	0			46		0	Siberian larch
1683	126	Y26	100	15.11.2010	17	0			54		0	Siberian larch
1684	126	Y26	100	15.11.2010	18	36	2,8	1,1	53		300	Siberian larch
1685	126	Y26	100	15.11.2010	1	47			72		200	Siberian larch
1686	126	Y26	100	15.11.2010	16	78	3,9	2,15	104		100	Siberian larch
1687	127	Y27	100	16.11.2010	44				20		0	Downy birch
1688	127	Y27	100	16.11.2010	46				22		0	Downy birch
1689	127	Y27	100	16.11.2010	45				24		0	Downy birch
1690	127	Y27	100	16.11.2010	47				33		0	Downy birch
1691	127	Y27	100	16.11.2010	37				48		0	Downy birch
1692	127	Y27	100	16.11.2010	43				29		0	Downy birch
1693	127	Y27	100	16.11.2010	42				19		0	Downy birch
1694	127	Y27	100	16.11.2010	41				22		0	Downy birch
1695	127	Y27	100	16.11.2010	11				38		0	Downy birch
1696	127	Y27	100	16.11.2010	12				27		0	Downy birch
1697	127	Y27	100	16.11.2010	10				30		0	Downy birch
1698	127	Y27	100	16.11.2010	9		2,25	1,6	29		300	Downy birch
1699	127	Y27	100	16.11.2010	14				20		0	Downy birch
1700	127	Y27	100	16.11.2010	36	4			7		0	Siberian larch
1701	127	Y27	100	16.11.2010	8	4			7		500	Siberian larch
1702	127	Y27	100	16.11.2010	27	9			15		0	Siberian larch
1703	127	Y27	100	16.11.2010	26	10			17		0	Siberian larch
1704	127	Y27	100	16.11.2010	35	17			29		0	Siberian larch
1705	127	Y27	100	16.11.2010	19	18			30		0	Siberian larch
1706	127	Y27	100	16.11.2010	30	19			32		0	Siberian larch
1707	127	Y27	100	16.11.2010	28	21			36		0	Siberian larch
1708	127	Y27	100	16.11.2010	29	22			37		0	Siberian larch
1709	127	Y27	100	16.11.2010	20	23			39		0	Siberian larch

1710	127	Y27	100	16.11.2010	52	28			47		0	Siberian larch
1711	127	Y27	100	16.11.2010	22	30			51		0	Siberian larch
1712	127	Y27	100	16.11.2010	18	30			51		0	Siberian larch
1713	127	Y27	100	16.11.2010	1	38					400	Siberian larch
1714	127	Y27	100	16.11.2010	4	39					0	Siberian larch
1715	127	Y27	100	16.11.2010	40	40					0	Siberian larch
1716	127	Y27	100	16.11.2010	3	40					0	Siberian larch
1717	127	Y27	100	16.11.2010	23	42					0	Siberian larch
1718	127	Y27	100	16.11.2010	21	42					0	Siberian larch
1719	127	Y27	100	16.11.2010	33	44					0	Siberian larch
1720	127	Y27	100	16.11.2010	48	44					0	Siberian larch
1721	127	Y27	100	16.11.2010	24	44					0	Siberian larch
1722	127	Y27	100	16.11.2010	25	45					0	Siberian larch
1723	127	Y27	100	16.11.2010	51	49	4,69	2,197			300	Siberian larch
1724	127	Y27	100	16.11.2010	31	51					0	Siberian larch
1725	127	Y27	100	16.11.2010	34	52					0	Siberian larch
1726	127	Y27	100	16.11.2010	5	55					0	Siberian larch
1727	127	Y27	100	16.11.2010	32	57					0	Siberian larch
1728	127	Y27	100	16.11.2010	50	57					0	Siberian larch
1729	127	Y27	100	16.11.2010	39	60					0	Siberian larch
1730	127	Y27	100	16.11.2010	15	60					0	Siberian larch
1731	127	Y27	100	16.11.2010	7	67					0	Siberian larch
1732	127	Y27	100	16.11.2010	13	67					0	Siberian larch
1733	127	Y27	100	16.11.2010	2	69					0	Siberian larch
1734	127	Y27	100	16.11.2010	16	69					0	Siberian larch
1735	127	Y27	100	16.11.2010	49	77					200	Siberian larch
1736	127	Y27	100	16.11.2010	38	84					0	Siberian larch
1737	127	Y27	100	16.11.2010	17	88					0	Siberian larch
1738	127	Y27	100	16.11.2010	6	99	5,204	3,087			100	Siberian larch
1739	128	Y28	100	4.10.2010	12	27			40		0	Downy birch
1740	128	Y28	100	4.10.2010	11	22			38		0	Downy birch
1741	128	Y28	100	4.10.2010	9	26			38		0	Downy birch
1742	128	Y28	100	4.10.2010	10	26			35		0	Downy birch
1743	128	Y28	100	4.10.2010	16	21			35		0	Downy birch
1744	128	Y28	100	4.10.2010	18	16			31		0	Downy birch
1745	128	Y28	100	4.10.2010	19	16			25		0	Downy birch
1746	128	Y28	100	4.10.2010	17	46	3,9		58		100	Downy birch
1747	128	Y28	100	4.10.2010	22	18			22		400	Downy birch
1748	128	Y28	100	4.10.2010	24	32			40		200	Downy birch
1749	128	Y28	100	4.10.2010	25	14			22		500	Downy birch
1750	128	Y28	100	4.10.2010	2	13			20		300	Downy birch
1751	128	Y28	100	4.10.2010	29	15			19		0	Downy birch
1752	128	Y28	100	4.10.2010	36	22			31		0	Downy birch
1753	128	Y28	100	4.10.2010	35	16			22		0	Downy birch

1754	128	Y28	100	4.10.2010	37	21			29		0	Downy birch
1755	128	Y28	100	4.10.2010	33	18			24		0	Downy birch
1756	128	Y28	100	4.10.2010	31	15			21		0	Downy birch
1757	128	Y28	100	4.10.2010	34	23			29		0	Downy birch
1758	128	Y28	100	4.10.2010	32	23	3,12	1,5	34		300	Downy birch
1759	128	Y28	100	4.10.2010	38	24			35		0	Downy birch
1760	128	Y28	100	4.10.2010	39	17			22		0	Downy birch
1761	128	Y28	100	4.10.2010	42	22			31		0	Downy birch
1762	128	Y28	100	4.10.2010	5	21			36		500	Siberian larch
1763	128	Y28	100	4.10.2010	41	21			36		0	Siberian larch
1764	128	Y28	100	4.10.2010	8	27			46		0	Siberian larch
1765	128	Y28	100	4.10.2010	6	30			51		0	Siberian larch
1766	128	Y28	100	4.10.2010	27	33			56		0	Siberian larch
1767	128	Y28	100	4.10.2010	15	36			61		0	Siberian larch
1768	128	Y28	100	4.10.2010	40	39					400	Siberian larch
1769	128	Y28	100	4.10.2010	28	45					0	Siberian larch
1770	128	Y28	100	4.10.2010	4	46					0	Siberian larch
1771	128	Y28	100	4.10.2010	20	47					0	Siberian larch
1772	128	Y28	100	4.10.2010	23	51	3,3	1,61			300	Siberian larch
1773	128	Y28	100	4.10.2010	13	58					0	Siberian larch
1774	128	Y28	100	4.10.2010	26	61					200	Siberian larch
1775	128	Y28	100	4.10.2010	7	64					0	Siberian larch
1776	128	Y28	100	4.10.2010	30	67					0	Siberian larch
1777	128	Y28	100	4.10.2010	3	70					0	Siberian larch
1778	128	Y28	100	4.10.2010	14	70	4,603				100	Siberian larch
1779	128	Y28	100	4.10.2010	1	70					0	Siberian larch
1780	128	Y28	100	4.10.2010	21	0	1,08	0,31	18		0	Sitka spruce
1781	129	Y29	100	7.10.2010	2	5	1,9	0,76	16		300	Downy birch
1782	129	Y29	100	7.10.2010	14	0			21		0	Lodgepole pine
1783	129	Y29	100	7.10.2010	20	0			11		0	Lodgepole pine
1784	129	Y29	100	7.10.2010	21	0			0	35	0	Lodgepole pine
1785	129	Y29	100	7.10.2010	27	9	1,6	0,2	23		300	Lodgepole pine
1786	129	Y29	100	7.10.2010	19	13			26		0	Lodgepole pine
1787	129	Y29	100	7.10.2010	24	18			37		0	Lodgepole pine
1788	129	Y29	100	7.10.2010	1	13			25		0	Lodgepole pine
1789	129	Y29	100	7.10.2010	16	15			37		0	Siberian larch
1790	129	Y29	100	7.10.2010	17	17			27		500	Siberian larch
1791	129	Y29	100	7.10.2010	30	25			35		0	Siberian larch
1792	129	Y29	100	7.10.2010	23	26			42		0	Siberian larch
1793	129	Y29	100	7.10.2010	29	27			43		400	Siberian larch
1794	129	Y29	100	7.10.2010	11	27			35		0	Siberian larch
1795	129	Y29	100	7.10.2010	9	32			50		0	Siberian larch
1796	129	Y29	100	7.10.2010	28	36			50		0	Siberian larch
1797	129	Y29	100	7.10.2010	18	37			53		0	Siberian larch

1798	129	Y29	100	7.10.2010	7	37			55		0	Siberian larch
1799	129	Y29	100	7.10.2010	15	39			60		0	Siberian larch
1800	129	Y29	100	7.10.2010	6	42	3,58	1,266	56		300	Siberian larch
1801	129	Y29	100	7.10.2010	22	44			62		0	Siberian larch
1802	129	Y29	100	7.10.2010	10	45			56		0	Siberian larch
1803	129	Y29	100	7.10.2010	25	46			62		0	Siberian larch
1804	129	Y29	100	7.10.2010	13	48			63		0	Siberian larch
1805	129	Y29	100	7.10.2010	26	50			60		0	Siberian larch
1806	129	Y29	100	7.10.2010	12	60			70		200	Siberian larch
1807	129	Y29	100	7.10.2010	8	60	3,725		83		100	Siberian larch
1808	129	Y29	100	7.10.2010	5	66			78		0	Siberian larch
1809	129	Y29	100	7.10.2010	3	0	1,4	0,52	16		300	Sitka spruce
1810	129	Y29	100	7.10.2010	4	7	1,63		24		0	Sitka spruce
1811	130	Y30	100	16.11.2010	20	0			7		0	Siberian larch
1812	130	Y30	100	16.11.2010	7	0			7		500	Siberian larch
1813	130	Y30	100	16.11.2010	19	0			8		0	Siberian larch
1814	130	Y30	100	16.11.2010	28	9			15		0	Siberian larch
1815	130	Y30	100	16.11.2010	27	11			19		0	Siberian larch
1816	130	Y30	100	16.11.2010	24	12			20		0	Siberian larch
1817	130	Y30	100	16.11.2010	33	17			29		0	Siberian larch
1818	130	Y30	100	16.11.2010	26	17			29		0	Siberian larch
1819	130	Y30	100	16.11.2010	15	23			39		0	Siberian larch
1820	130	Y30	100	16.11.2010	14	24			41		0	Siberian larch
1821	130	Y30	100	16.11.2010	41	30			51		0	Siberian larch
1822	130	Y30	100	16.11.2010	5	31			52		0	Siberian larch
1823	130	Y30	100	16.11.2010	29	33			56		0	Siberian larch
1824	130	Y30	100	16.11.2010	32	34			57		400	Siberian larch
1825	130	Y30	100	16.11.2010	38	37					0	Siberian larch
1826	130	Y30	100	16.11.2010	9	37					0	Siberian larch
1827	130	Y30	100	16.11.2010	16	40					0	Siberian larch
1828	130	Y30	100	16.11.2010	1	40					0	Siberian larch
1829	130	Y30	100	16.11.2010	35	42					0	Siberian larch
1830	130	Y30	100	16.11.2010	30	43					0	Siberian larch
1831	130	Y30	100	16.11.2010	18	44					0	Siberian larch
1832	130	Y30	100	16.11.2010	31	47					0	Siberian larch
1833	130	Y30	100	16.11.2010	21	49	3,15	1,3			300	Siberian larch
1834	130	Y30	100	16.11.2010	23	52					0	Siberian larch
1835	130	Y30	100	16.11.2010	43	52					0	Siberian larch
1836	130	Y30	100	16.11.2010	10	52					0	Siberian larch
1837	130	Y30	100	16.11.2010	17	53					0	Siberian larch
1838	130	Y30	100	16.11.2010	37	54					0	Siberian larch
1839	130	Y30	100	16.11.2010	22	54					0	Siberian larch
1840	130	Y30	100	16.11.2010	39	55					0	Siberian larch
1841	130	Y30	100	16.11.2010	12	57					0	Siberian larch

1842	130	Y30	100	16.11.2010	8	58					0	Siberian larch
1843	130	Y30	100	16.11.2010	13	58					0	Siberian larch
1844	130	Y30	100	16.11.2010	34	60					0	Siberian larch
1845	130	Y30	100	16.11.2010	11	60					0	Siberian larch
1846	130	Y30	100	16.11.2010	4	63					0	Siberian larch
1847	130	Y30	100	16.11.2010	25	64					0	Siberian larch
1848	130	Y30	100	16.11.2010	2	64					0	Siberian larch
1849	130	Y30	100	16.11.2010	40	67					0	Siberian larch
1850	130	Y30	100	16.11.2010	6	70					0	Siberian larch
1851	130	Y30	100	16.11.2010	36	74					200	Siberian larch
1852	130	Y30	100	16.11.2010	3	83					0	Siberian larch
1853	130	Y30	100	16.11.2010	42	94	5,106	2,765			100	Siberian larch
1854	131	Y31	100	16.11.2010	26	16			21		0	Downy birch
1855	131	Y31	100	16.11.2010	27	12			19		0	Downy birch
1856	131	Y31	100	16.11.2010	23	12	2,35		20		300	Downy birch
1857	131	Y31	100	16.11.2010	24	10			25		0	Downy birch
1858	131	Y31	100	16.11.2010	29	10			13		0	Downy birch
1859	131	Y31	100	16.11.2010	18	11			22		0	Downy birch
1860	131	Y31	100	16.11.2010	17	17			26		0	Downy birch
1861	131	Y31	100	16.11.2010	13	5			8		500	Siberian larch
1862	131	Y31	100	16.11.2010	10	10			17		0	Siberian larch
1863	131	Y31	100	16.11.2010	9	12			20		0	Siberian larch
1864	131	Y31	100	16.11.2010	8	25			42		0	Siberian larch
1865	131	Y31	100	16.11.2010	37	35			59		0	Siberian larch
1866	131	Y31	100	16.11.2010	33	42					0	Siberian larch
1867	131	Y31	100	16.11.2010	35	43					0	Siberian larch
1868	131	Y31	100	16.11.2010	34	44					400	Siberian larch
1869	131	Y31	100	16.11.2010	2	49					0	Siberian larch
1870	131	Y31	100	16.11.2010	16	50					0	Siberian larch
1871	131	Y31	100	16.11.2010	6	51					0	Siberian larch
1872	131	Y31	100	16.11.2010	22	52					0	Siberian larch
1873	131	Y31	100	16.11.2010	4	60					0	Siberian larch
1874	131	Y31	100	16.11.2010	5	62	4,272	2,028			300	Siberian larch
1875	131	Y31	100	16.11.2010	36	65					0	Siberian larch
1876	131	Y31	100	16.11.2010	12	65					0	Siberian larch
1877	131	Y31	100	16.11.2010	31	66					0	Siberian larch
1878	131	Y31	100	16.11.2010	19	67					0	Siberian larch
1879	131	Y31	100	16.11.2010	7	68					0	Siberian larch
1880	131	Y31	100	16.11.2010	25	69					0	Siberian larch
1881	131	Y31	100	16.11.2010	11	69					0	Siberian larch
1882	131	Y31	100	16.11.2010	20	70					0	Siberian larch
1883	131	Y31	100	16.11.2010	32	71					0	Siberian larch
1884	131	Y31	100	16.11.2010	3	72					0	Siberian larch
1885	131	Y31	100	16.11.2010	15	77					0	Siberian larch

1886	131	Y31	100	16.11.2010	30	78					0	Siberian larch
1887	131	Y31	100	16.11.2010	21	81					200	Siberian larch
1888	131	Y31	100	16.11.2010	28	93					0	Siberian larch
1889	131	Y31	100	16.11.2010	14	96					0	Siberian larch
1890	131	Y31	100	16.11.2010	1	97	4,879	2,475			100	Siberian larch
1891	132	Y32	100	17.11.2010	4	20			26		0	Downy birch
1892	132	Y32	100	17.11.2010	10	16	2,45	1,35	21		300	Downy birch
1893	132	Y32	100	17.11.2010	9	10			11		0	Downy birch
1894	132	Y32	100	17.11.2010	2	26			44		500	Siberian larch
1895	132	Y32	100	17.11.2010	32	31			52		0	Siberian larch
1896	132	Y32	100	17.11.2010	20	33			56		0	Siberian larch
1897	132	Y32	100	17.11.2010	25	35			59		0	Siberian larch
1898	132	Y32	100	17.11.2010	15	36			61		0	Siberian larch
1899	132	Y32	100	17.11.2010	30	38					0	Siberian larch
1900	132	Y32	100	17.11.2010	6	42					0	Siberian larch
1901	132	Y32	100	17.11.2010	14	42					0	Siberian larch
1902	132	Y32	100	17.11.2010	21	43					0	Siberian larch
1903	132	Y32	100	17.11.2010	34	45					0	Siberian larch
1904	132	Y32	100	17.11.2010	19	46					0	Siberian larch
1905	132	Y32	100	17.11.2010	33	50					400	Siberian larch
1906	132	Y32	100	17.11.2010	27	54					0	Siberian larch
1907	132	Y32	100	17.11.2010	31	55					0	Siberian larch
1908	132	Y32	100	17.11.2010	24	57					0	Siberian larch
1909	132	Y32	100	17.11.2010	3	57					0	Siberian larch
1910	132	Y32	100	17.11.2010	5	60					0	Siberian larch
1911	132	Y32	100	17.11.2010	26	61					0	Siberian larch
1912	132	Y32	100	17.11.2010	22	61					0	Siberian larch
1913	132	Y32	100	17.11.2010	8	63	4,2	2,4			300	Siberian larch
1914	132	Y32	100	17.11.2010	1	67					0	Siberian larch
1915	132	Y32	100	17.11.2010	16	69					0	Siberian larch
1916	132	Y32	100	17.11.2010	7	74					0	Siberian larch
1917	132	Y32	100	17.11.2010	23	77					0	Siberian larch
1918	132	Y32	100	17.11.2010	28	80					0	Siberian larch
1919	132	Y32	100	17.11.2010	35	81					0	Siberian larch
1920	132	Y32	100	17.11.2010	11	82					200	Siberian larch
1921	132	Y32	100	17.11.2010	17	88					0	Siberian larch
1922	132	Y32	100	17.11.2010	29	90					0	Siberian larch
1923	132	Y32	100	17.11.2010	18	92					0	Siberian larch
1924	132	Y32	100	17.11.2010	13	92					0	Siberian larch
1925	132	Y32	100	17.11.2010	12	98	4,1	2,85			100	Siberian larch
1926	133	Y33	100	16.11.2010	10	0			19		0	Lodgepole pine
1927	133	Y33	100	16.11.2010	27	0			10		0	Lodgepole pine
1928	133	Y33	100	16.11.2010	26	13					0	Lodgepole pine
1929	133	Y33	100	16.11.2010	25	37					0	Lodgepole pine

1930	133	Y33	100	16.11.2010	20	42					0	Lodgepole pine
1931	133	Y33	100	16.11.2010	28	14					0	Lodgepole pine
1932	133	Y33	100	16.11.2010	23	34	2,7	0,65			300	Lodgepole pine
1933	133	Y33	100	16.11.2010	19	12					0	Lodgepole pine
1934	133	Y33	100	16.11.2010	18	36					0	Lodgepole pine
1935	133	Y33	100	16.11.2010	5	71					0	Lodgepole pine
1936	133	Y33	100	16.11.2010	12	40					0	Lodgepole pine
1937	133	Y33	100	16.11.2010	9	14					0	Lodgepole pine
1938	133	Y33	100	16.11.2010	7	5			8		500	Siberian larch
1939	133	Y33	100	16.11.2010	29	8			14		0	Siberian larch
1940	133	Y33	100	16.11.2010	6	9			15		0	Siberian larch
1941	133	Y33	100	16.11.2010	11	10			17		0	Siberian larch
1942	133	Y33	100	16.11.2010	21	11			19		0	Siberian larch
1943	133	Y33	100	16.11.2010	8	14			24		0	Siberian larch
1944	133	Y33	100	16.11.2010	30	17			29		0	Siberian larch
1945	133	Y33	100	16.11.2010	2	19			32		0	Siberian larch
1946	133	Y33	100	16.11.2010	3	24			41		400	Siberian larch
1947	133	Y33	100	16.11.2010	33	32			54		0	Siberian larch
1948	133	Y33	100	16.11.2010	15	33			56		0	Siberian larch
1949	133	Y33	100	16.11.2010	22	39					0	Siberian larch
1950	133	Y33	100	16.11.2010	16	39	3,35	1,2			300	Siberian larch
1951	133	Y33	100	16.11.2010	32	44					0	Siberian larch
1952	133	Y33	100	16.11.2010	4	46					0	Siberian larch
1953	133	Y33	100	16.11.2010	1	47					0	Siberian larch
1954	133	Y33	100	16.11.2010	24	49					0	Siberian larch
1955	133	Y33	100	16.11.2010	17	51					0	Siberian larch
1956	133	Y33	100	16.11.2010	31	53					0	Siberian larch
1957	133	Y33	100	16.11.2010	13	53					200	Siberian larch
1958	133	Y33	100	16.11.2010	14	67	4,765	2,509			100	Siberian larch
1959	134	Y34	100	18.11.2010	9	10	1,7	0,55	21		300	Black cottonwood
1960	134	Y34	100	18.11.2010	8	0			15		0	Black cottonwood
1961	134	Y34	100	18.11.2010	7	21			35		0	Black cottonwood
1962	134	Y34	100	18.11.2010	4	10			16		500	Dark-leafed willow
1963	134	Y34	100	18.11.2010	6	17	2,7	1,2	31		100	Dark-leafed willow
1964	134	Y34	100	18.11.2010	5	14	2,5	1,15	23		300	Dark-leafed willow
1965	134	Y34	100	18.11.2010	2	12			18		0	Dark-leafed willow
1966	134	Y34	100	18.11.2010	3	14			21		400	Dark-leafed willow
1967	134	Y34	100	18.11.2010	1	15	2,25	1,3	35		300	Downy birch