

Australian Government

Forest and Wood Products Research and Development Corporation

Moisture variation in dried hardwood timber





Australian Government Forest and Wood Products Research and Development Corporation

© 2004 Forest & Wood Products Research & Development Corporation All rights reserved.

Publication: Moisture Variation in Dried Hardwood Timber

The Forest and Wood Products Research and Development Corporation ("FWPRDC") makes no warranties or assurances with respect to this publication including merchantability, fitness for purpose or otherwise. FWPRDC and all persons associated with it exclude all liability (including liability for negligence) in relation to any opinion, advice or information contained in this publication or for any consequences arising from the use of such opinion, advice or information.

This work is copyright and protected under the Copyright Act 1968 (Cth). All material except the FWPRDC logo may be reproduced in whole or in part, provided that it is not sold or used for commercial benefit and its source (Forest and Wood Products Research and Development Corporation) is acknowledged. Reproduction or copying for other purposes, which is strictly reserved only for the owner or licensee of copyright under the Copyright Act, is prohibited without the prior written consent of the Forest and Wood Products Research and Development Corporation.

Project no: PN01.1305

Researchers:

A. Redman Formerly: **QFRI - Processing & Utilisation** Queensland Forestry Research Institute GPO Box 46, Brisbane, Qld 4001

Currently: **CSIRO Forestry and Forest Products** Private Bag 10, Clayton South, VIC 3169

Forest and Wood Products Research and Development Corporation PO Box 69, World Trade Centre, Victoria 8005

Phone: 03 9614 7544 Fax: 03 9614 6822 Email: info@fwprdc.org.au Web: www.fwprdc.org.au

Moisture Variation in Dried Hardwood Timber

Prepared for the

Forest & Wood Products Research & Development Corporation

by

A. Redman

The FWPRDC is jointly funded by the Australian forest and wood products industry and the Australian Government.

Introduction

This was a joint project of the Timber Research Unit (TRU) of the University of Tasmania and the Queensland Forest Research Institute (QFRI). It was supported by the Tasmanian Forests and Forest Industry Council (FFIC), and many of Australia's major hardwood producers including Hume and Kerrison, Hyne & Son, Clennett Timbers, Hurfords Hardwoods and J. Notaras & Sons.

This project was nominated by the Australian hardwood timber industry and therefore demonstrates that the desired outcomes should be directly beneficial to this sector. The focus of the Australian hardwood timber industry is currently moving from producing predominantly structural grade products to appearance grade products. This is due to increased demand for appearance grade timber for products such as flooring and furniture, increasing competition in the structural timber market from softwoods and non-timber products and expanding export markets.

The objectives of this project were to:

- 1. Understand why moisture gradients occur in Australian hardwoods during drying and their affects on the performance of timber in service;
- 2. Improve existing technology(ies) and/or processes to reduce moisture content (MC) variability between and within boards during drying of Australian hardwoods in an economical and practical manner.

The equilibrium moisture content (EMC) tolerances for appearance grade timbers are more demanding than those for structural grade timbers due to performance requirements, as is reflected in the grade quality requirements. Varying MC within and between pieces leads to problems in timber utilisation, mainly through shrinkage and instability. Eucalypts are regarded as being notorious for exhibiting problems with MC variation and this problem is a significant threat to the successful marketing of Australian hardwoods in markets such as flooring, joinery and furniture. Additionally, problems with MC variation are regarded as a serious impediment to the drying of hardwoods.

Anecdotally it is reported that the problems are more pronounced in younger plantation and regrowth material. Increasing pressure to produce appearance grade products, where there is reduced tolerance of moisture variation in the relevant standards, compounds the problem. As a direct result of this, the increased incidence of MC related problems in the marketplace has in turn led to an increase in the number of consumer claims against timber processors. Additionally, moisture variation in hardwood timber during drying increases production costs because of the longer kiln drying time required to produce more uniformly dried timber.

Therefore, the importance of identifying problematic species, establishing causal factors and their affect on service performance and investigation of potential economically viable solutions would be of great benefit to the current hardwood timber industry.

Originally this project had a two-year time span. However due to the unexpected nature of the results obtained the project has been terminated, after approximately one year, under unanimous agreement between FWPRDC, QFRI, TRU and other industry collaborators. The section of research covered in this document involves an intensive case study by QFRI at Hurfords Building Supplies Pty. Ltd. (NSW) to identify the cause of MC variation and its effect on the performance of timber in service. Additionally, dry stock appraisal studies were performed at Clennett Timber, Hume and Kerrison, Hurfords Building Supplies, Hyne & Son and J. Notaras & Sons mills.

Executive Summary

This project comprised two parts. The first involved an extensive study conducted at Hurfords Building Supplies sawmill to investigate the cause of the moisture variation problem. The second concerned the determination of the extent of the problem's occurrence through appraisals of randomly selected dried stock at various industrial hardwood sawmills.

The case study at Hurfords Building Supplies was performed predominately to examine appropriate variables of regrowth spotted gum (*E. maculata*) from the harvest site to the final dried product in order to obtain problematic material and thus establish the cause of the problem. The variables examined in this study were: coupe location; board location within a log; moisture content (MC) of boards before and after pre-drying; location of board within a stack; kiln airflow and temperature distribution during drying; and board length and sawn (growth ring) orientation. Each variable was considered a potential cause of the moisture variation problem. They were measured with the premise of determining if a correlation exists between any of the variables, and the final MC of problematic material selected at the end of the trial.

Initially, approximately $1350\ 100 \times 25$ mm (nominal dimension) were sawn from a selection of logs from 4 different coupes. Approximately half of the boards contained templates adhered to their ends to identify their within log position. The boards were racked and left in the air-drying yard to dry to an average MC of 19%. The timber is usually dried to a lower average MC but it was believed that this higher MC would exacerbate the variation problem. The material was then kiln dried. Temperature and airflow tests at the stack face proved to be stable with little variation. After kiln drying and equalising to a target MC of 11%, the MC of each board was tested using a resistance type moisture meter.

Results at this stage revealed that MC values for the entire set of boards ranged from 8% to 16%. The 50 wettest, 50 driest and 50 boards with MCs closest to the target (control boards) were selected and tested for MC at 500mm intervals using the more accurate oven dry method (in accordance with AS/NZS 1080.1). This revealed the MC variation of the selected material to be even less, ranging from 9.2% to 12.8%. For the number of boards and associated variables used in this study these results, did not produce any problematic moisture variable material to be used for further research.

This second part of this project involved dry stock appraisals conducted at, Clennett Timber (Tas), Hume and Kerrison Pty. Ltd. (Tas), Hurfords Building Supplies Pty. Ltd. (NSW), J. Notaras & Sons Pty. Ltd. (NSW), Hyne & Son Pty. Ltd. (QLD). The two highest output volume species of timber were appraised for each sawmill, concentrating on high grade joinery and flooring material. The species investigated were *E. delegatensis*, *E. pilularis*, *E. regnans*, and *Corymbia maculata*.

The appraisals themselves involved measurements of both average MC and MC gradient from a subset (in accordance with AS/NZ 4787). Results from the dry stock appraisals indicated that a moisture variation problem did exist. Additionally, further questions have been raised relating drying practice to the problem, indicating that timber properties are not necessarily the underlining cause as initially believed.

As the results obtained from the mill study section of this research prevented further investigations, through consensus from the industry stakeholders, FWPRDC, University of Tasmania and QFRI, the project was terminated after approximately one year. The results from this study have however, broadened our knowledge of the moisture variation and have changed the scope for further investigations into the problem.

Contents

Introduction		i
Executive Summary		ii
Chapter 1.	Literature Review	1
Chapter 2.	Sawmill Study	9
Chapter 3.	Dry Stock Appraisals	22
Recommendations for Fur	ther Work	26
References.		28
Appendix A.	Survey Meeting Minutes – Hurfords	30
Appendix B.	Mill Study Data	31
Appendix C	Dry Stock Appraisal Data	51

Chapter 1. Literature Review

The objective of timber drying, simply stated, is to remove moisture from a board as quickly as possible without an unacceptable amount of degrade. Inherent in the terms "moisture removal" is the concept of changing the moisture level from some initial, often variable, value to a lower level or range that is dictated by either standards or customer requirements. Generally, this end point moisture content value is specified to be within a certain range of values and is dictated by the atmospheric conditions of the end use location so that it is close to the equilibrium moisture content of the timber. Occasionally, problematic boards occur after drying which are wetter or drier than the average and which are not believed to be due to drying practices. Thus, a review of previous literature was conducted to explore potential reasons for the occurrence of this phenomenon.

Equilibrium Moisture Content (EMC) & EMC Charts

The equilibrium moisture content (EMC) of timber is the moisture content (MC), at which the timber neither gains nor loses moisture from the surrounding atmosphere. The EMC varies to some extent with seasonal changes and, for practical purposes, an EMC range is normally quoted for a particular locality. Subsequent shrinkage or expansion will be minimal when timber is used at a MC within the quoted EMC range (McNaught, 1987).

The atmospheric variables that affect the EMC of timber include: the surrounding temperature, relative humidity (RH) and atmospheric pressure. Of these, the one that has by far the largest influence is RH. RH is defined as a measure of the amount of water vapour in the air at any particular temperature, expressed as a percentage of the vapour that can be carried by the air when it is saturated at that temperature.

The term isotherm is defined as a graphical line or map connecting temperature to other variables. This data is often presented as a chart or table made up of a number of isotherms relating dry bulb temperature, wet bulb depression, RH and corresponding EMC values. The chart most commonly used in the timber industry in Australia was created by CSIRO and is presented in figure 1.1. It is also reproduced in Waterson (1997).

This chart has significant importance for the timber industry in terms of creating drying schedules and determining the best conditions to give end point MCs corresponding to atmospheric EMC conditions.

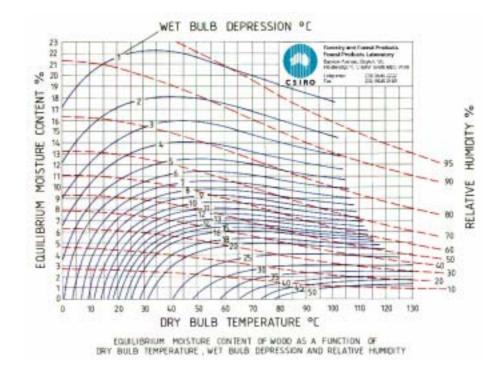


Figure 1.1 – Equilibrium Moisture Content (EMC) chart

Wood Hygroscopicity

The term hygroscopic describes a material's tendency to absorb moisture from the air. Wood, by nature, is hygroscopic as it is able to absorb (adsorption) and expel (desorption) water to the surrounding environment depending on atmospheric conditions. The following is an account of the interactions that take place between the wood substance and water during moisture flow.

The cell wall of wood microstructure is organised as a structural system involving filamentous microfibrils, mostly cellulosic and crystalline in composition, and orientated essentially in the direction of the longitudinal axis, embedded in an amorphous matrix of noncrystalline cellulose, hemicelluloses, and lignin (Wangaard, 1979). The molecules of the amorphous regions, primarily because of –OH groups in their structure, are all capable of forming hydrogen bonds. Unlike the close-packed cellulose chains in the crystal lattice within the microfibrils, they are accessible to water molecules through diffusion from the surrounding atmosphere. Water molecules themselves are highly susceptible to hydrogen bonding. The intermolecular hydrogen bond that develops between them when a water molecule approaches within 0.3 nm (Wangaard, 1979) of the attractive site on the polymer is the basis for the hygroscopicity of wood. The adsorbed water is "bound" to molecular surfaces within the polymer matrix which expands in proportion to the quantity of water adsorbed. The microfibrillar network is distended, and the wood swells.

The range of hygroscopic activity is limited to the range of equilibria between bound water and water vapour below the fibre saturation point. Above fibre saturation, the fully swollen cell wall can take up no more water. Consequently, at this point all MC change occurs through the addition or subtraction of "free" water held in the cell cavities.

Potential Causes and Theories Relating to moisture variation

A number of factors have been previously researched and related to the cause of moisture variation. Chafe (1991) states that factors which can affect the EMC of timber (as researched by others) include the desorption-adsorption hysteresis effect, temperature, previous drying history, stress, species and wood extractives. The following is an account of previous research regarding these factors. In addition, there are factors that do not affect the EMC but influence the drying rate of a particular board. These can cause affected boards to be at a different MC to others in a stack at the end of drying.

1.3.1. Moisture Sorption Hysteresis in Wood

The term hysteresis is derived from the Greek word hysterein, which means to "lag behind" (Skaar, 1979). The term was initially used to describe the observed lag in magnetisation of ferromagnetic material subjected to varying magnetic fields.

Hygroscopic materials such as wood also exhibit an analogous phenomenon to magnetic hysteresis, known as moisture sorption hysteresis. This refers to the lag or reduction in the sorption isotherm of EMC of wood against RH, compared with its EMC when it desorbs or loses moisture. Figures 1.2 and 1.3, respectively, show hypothetical adsorption and desorption isotherms and the approach to desorption and adsorption equilibrium with increasing time (figures extracted from Skaar, 1979).

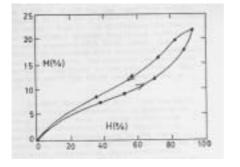


Figure A2 – Hysteresis- (Humidity)

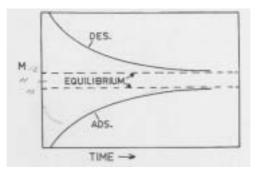


Figure A3 – Hysteresis (Time)

Kadir et al. (2001) studied the effect of different sample size and grain configuration on the EMC of red oak. Microtome slices and cross sections of increasing dimension parallel to the grain where sampled from both backsawn and quartersawn boards. The samples achieved constant weight in a steady state air environment of 43.3 °C dry bulb temperature and 84% RH. Matched batches were then created from the samples and one batch was desorbed from green while the other was adsorbed from the oven dry condition. Results showed a significant effect of sample type upon the EMC's. The greater the dimension of the cross section along the grain, the higher the desorption MC and the lower the adsorption MC. Back sawn cross sections consistently equilibrated to a higher MC for desorption than did quartersawn, while for adsorption the reverse was true. Microtome slices equilibrated to a higher MC for adsorption than for desorption. It was concluded that the overall results provide empirical evidence of stress relating to hysteresis.

Campean, Ispas et al. (1999) investigated adsorption/desorption hysteresis on a selection of timber species. The results of this study showed that the speed of desorption is much higher than for adsorption. The difference between the adsorption and desorption EMCs (hysteresis) differed between species. The highest value recorded was 10% MC (\pm 5%) for beech.

1.3.2. Theories of Sorption Hysteresis

Several theories have been proposed for explaining sorption hysteresis. The following is a summary of these theories cited in Skaar (1979).

1.3.2.1. Capillary Theories

The earlier theories were based on the assumption that moisture sorption was primarily through capillary forces within the tiny interstices in the wood cell wall. The earliest capillary theory produced in 1911 postulated that hysteresis was caused primarily by the lower contact angle of water within these cell wall capillaries during adsorption rather than desorption. This theory was useful in explaining sorption hysteresis at high humidities but not at low humidities.

Another capillary theory was proposed in 1949 and termed the "ink bottle" theory. According to this theory, capillaries are not of even taper, but contain constrictions. During adsorption the capillaries will gradually fill from the smaller to the larger spaces. However, during desorption some of the water in the larger spaces between the narrower "bottlenecks" will tend to be trapped at lower vapour pressures, in equilibrium with those lower vapour pressures. Again this theory does not explain the sorption hysteresis occurring at lower humidities.

1.3.2.2. Sorption Site Availability Theory

This theory of sorption hysteresis is generally thought most accurate. It is based on the reduction in the availability of hydroxyl sorption sites in wood which is absorbing moisture after having been dried. These hydroxyl groups are believed to be the primary, though not necessarily the only, sorption sites for the attachment of water molecules in the accessible regions of the cell wall.

In green wood, according to this concept, the hydroxyl groups are attached to water molecules. When the wood dries some of the hydroxyl groups are freed from the attached water molecules and mutually bond to each other as they draw closer due to shrinkage. When water is regained or adsorbed, some of the hydroxyl groups are no longer easily available to bond with water molecules. This results in less adsorption of water at a given humidity compared with the initial desorption.

As humidity increases still further, and additional water is taken up, the swelling pressures tend to break some of the hydroxyl-hydroxyl bonds, freeing some but not all of the originally water bonded hydroxyl groups or sorption sites. These are then available to be rehydrated or to absorb water molecules. During subsequent or secondary desorption the EMC is therefore higher than for absorption. However, it is generally lower than during initial desorption from the green condition, particularly at higher humidities, presumably because some of the bonds, which formed between hydroxyl groups during initial desorption, are not broken. The process repeats itself during subsequent cycling of the relative humidity, forming a more or less repetitive hysteresis loop.

1.3.2.3. Thermodynamic Hysteresis Theory

The previous theories for describing sorption hysteresis are mechanistic as they postulate one or more specific mechanisms. The Thermodynamic Hysteresis Theory is a more general theory based on thermodynamic considerations only.

It is common knowledge that wood and other hygroscopic materials exhibit plastic or inelastic behaviour when subjected to mechanical stresses. This behaviour results in the familiar

hysteresis loop in the stress-strain diagram of wood and other completely inelastic materials. The thermodynamic hysteresis theory builds on the above concepts, where the hysteresis is explained as being caused by stress effects on the sorption isotherms of hygroscopic materials such as wood.

1.3.3. Extractives

Extractives are intermediate between wood substance and water in molecular weight and range widely in water solubility and volatility. In terms of their action in, or influence on sorption, extractives are difficult to classify as to being either adsorbent or adsorbate (an adsorbing substance or a substance that is adsorbed). Extractives complicate the drying, gluing and finishing of wood, however some timbers with a high extractive content are reported to be more durable and stable (Spalt, 1979). Spalt (1979) suggested that previous work uncovered extractive-related problems in the kiln drying of these woods, especially at higher kiln operating temperatures which are now coming into wider use.

1.3.3.1. Formation and Classification

The following has been summarised from Spalt (1979).

The formation of extractives is closely associated with the transition of sapwood to heartwood. Starch and sugars stored in xylem ray and parenchyma cells are believed to be the raw materials for extractive production. At the sapwood-heartwood boundary, starch and sugars disappear and respiration rates increase. As the heartwood is approached from the sapwood, dark coloured globules that have formed and migrated to the semi-permeable cell membrane appear in the ray cells. In obligate heartwood species (those subject to the following condition) the death and disappearance of the membrane enables the extractives to migrate from the ray cells into adjoining xylem cells where they are deposited in cell lumen and infiltrate pits and cell walls. Some of these substances undergo condensation reactions that increase their molecular weight and modify their solubility and mobility.

The extractives in wood that are found in the cell wall in the greatest quantities are the polyphenols. These are primarily lignans, stilbenes, flavanoids and tannins. These substances are biosynthesised and condensed along pathways similar to lignin, and seem to have much in common with the infiltration and molecular weight building processes that lead to lignification. Deposition of the extractives into intermolecular cell wall spaces occurs when the cell wall is highly dispersed by water. Upon subsequent drying when cell wall density, strength and stability are developed, the non-volatile extractives remain as a permanent adsorbate that retains the cell wall in a partially swollen state. This phenomenon has been commonly labelled as bulking of the cell wall.

1.3.3.2. Effects of Extractives on Timber Properties

Previous research has shown that extractives can dramatically affect the water-vapour sorption of wood.

The role of extractives in monomolecular sorption was presented by Soriano and Evans (1997). It was stated that in sorption and shrinkage studies of six Argentine woods, two species namely: *Schinopsis balansae* (Quebracho colorado santiagueno) and *Hymenaea courbaril* (Algarrobo blanco) were observed to have relatively low EMCs at 97% RH. It was found that high tannin contents displace void volume in wood, resulting in low EMCs. This indicated that in this case the extractives occupied bonding sites usually occupied by water, thus have a bulking effect.

Similarly studies have shown that the fiber saturation point of once-dried black walnut decreased from 31% in the unextracted condition to 28% after removal of hot water-soluble exractives. This led to the conclusion that the extractives in black walnut are more hygroscopic than the cell wall and that water bound by extractives is absorbed to a greater extent than water in the cell walls. Soriano and Evans (1997) state, 'In most sorption studies reported, differences in sorption

behaviour are often attributed to the bulking effect and the hygroscopicity of extractives compared to other cell wall components. Furthermore the effect of extractives has been deduced from sorption isotherms fitted using known sorption equations based on the concept of continuous layering of sorbed water on active surfaces.' Theoretical studies of selective sorption, however, point out strongly that sorption of water is selective of sorption sites, and the progression of sorption with increasing RH remains selective as well.

All previous extractive versus EMC research, as cited by Spalt (1979), indicate a reduction in the EMC values of wood samples which have had a significant percentage of extractives removed compared with unextracted control samples. Various methods of extracting extractives were used including soaking in benzene alcohol, and flushing with hot or cold water.

Spalt (1979) also cited that extractive levels were generally inversely proportional to shrinkage levels. This can be attributed to the bulking nature of the extractives.

The extractive properties themselves can change with temperature and hence change the overall wood properties. For instance, at ambient temperatures extractives act as relatively benign low-volatile adsorbates in the cell wall which displace water in larger voids. At temperatures above approximately 50°C (Spalt, 1979), the extractives in moist wood appear to become more active absorbates that move in response to concentration gradients. In this way, they may participate in sorption and increase the overall shrinkage. As a mobile material, extractives may also serve to plasticise the cell wall, especially in desorption. The added plasticity may reduce warp related defects in kiln drying but may exacerbate collapse (Spalt, 1979).

1.3.4. Species

Predictions of the expected EMC for timber are frequently made by reference to published EMC charts for relative humidity versus temperature, which often give values founded on amalgamated data for a number of species. When applying such charts to specific species, discrepancies can be substantial (Ahmet, Dai et al., 1999).

Ahmet, Dai et al. (1999) previously demonstrated that the EMC for a wide range of species, conditioned in the same environment, could vary substantially. As an example, in one investigation MCs spanned 12.8 to 21% after conditioning at 85% relative humidity, at a temperature of 20° C.

Ahmet, Dai et al. (1999) produced individual sets of EMC values for three commercially important species for interior use in the UK. The purpose of this work was to provide a powerful diagnostic tool for both specifiers and consumers in investigations of mis-supply or mismatching of MC and service conditions. As part of this experiment a pilot study was performed to investigate the following issues: 1) the effect of sample size on EMC for a given condition; 2) the influence of drying history on the final EMC; and 3) whether observable differences occur in the final EMC between samples conditioned in large commercial environmental cabinets and those conditioned in small-scale chambers containing saturated salt solutions.

The results of the pilot study indicated that systematic differences resulting from drying history (air and kiln drying) and sample size were observed. The differences in drying history were very small and not significant. The differences in EMC values in varying sample sizes was explained by the substantial differences in the ratio of surface area to sample volume. Inconsistencies between the commercial built chambers and the prototypes were negligible. The three species used in the preliminary experiments all showed consistent variations in EMC from the commonly used RH versus temperature chart over a range of RH used.

Wengert and Mitchell (1979) suggest that although the proportion of hemicellulose, holocelulose, and lignin may slightly influence the sorption behaviour between species, extractive levels cause much of the variation.

1.3.5. Stress

Previous research has shown that internal and external stresses can affect the MC of wood at equilibrium. Simpson (1971), by inducing either compressive or tensile forces in red oak samples proved conclusively that MC decreases when wood is compressed and increased when wood is subjected to tension. The rate of MC per unit stress was greater for specimens loaded in tension than those loaded in compression, and the effect of stress induced moisture change was more pronounced in the tangential direction than in the radial direction.

Stress effects are not necessarily confined to external stresses. Stresses can result from internal factors such as moisture gradients, which, if severe enough during drying will result in casehardened timber. Microscopic tissue anisotropy due to a) rays and differences between earlywood and latewood, b) fibril orientation differences in the S1 and S3 layers compared to the S2 layer, and c) interfibril bonds which limit swelling between fibril, also result in causing internal stresses.

1.3.6. Specific Gravity

Research conducted by Chafe (1991) show that a relationship also exists between wood specific gravity and EMC. An examination of wood blocks and thin sections of *Eucalyptus regnans* (mountain ash) showed that for each of three nominal EMC's (17%, 12%, 5%) actual MC was positively related to specific gravity.

1.3.7. Temperature

A number of researchers (as cited in Wengert and Mitchell, 1979) have reported the suppressive effect that exposure to high temperatures for lengthy periods of time has on wood EMC. Studies have been undertaken on the physical and mechanical properties of high temperature dried wood that indicate the reduction in EMC through high temperature drying is of the same magnitude. The reduction is approximately between 0.5 to 3 percent compared with conventional temperature kiln drying and between 1 to 5 percent when compared to air drying (Wengert and Mitchell, 1979). The magnitude of reduction is affected primarily by species, schedule, initial MC before equalisation and extractive content.

The most widely used explanation for the thermal reduced reduction in hyroscopicity is the hydrolysis reaction in the degradation of the hemicellulose that results in the reduction of sorption sites. Other explanations have been offered such as the MC reduction due to large drying stresses created during high temperature drying, or the hysteresis effect created in the high temperature kiln.

Kubinsky and Ifju (1974) studied the effect of steaming on wood properties of red oak. The material was converted into 24mm cubes and steamed at atmospheric pressure for various lengths of time, ranging from 1-1/2 to 96 hours. The steaming process lowered the EMC of the samples. This was attributed to a decreased bulking effect due to the reduction of extractive levels, and to a more mutual bonding of OH-groups.

1.3.8. Mechanical

Mechanical treatments refer to the mechanical breakdown of solid wood. As the wood is broken down, it becomes slightly more absorptive. This may be due to a mechanical breakdown of the crystallinity of the fibres (Wengert and Mitchell, 1979).

1.3.9. Chemical

Chemical treatments can affect wood and its sorption properties in many ways and by modifying the extractives and/or cellulose constituents.

1.3.10.Radiation

The effect of gamma radiation on Sitka spruce wood shows a distinct decrease in hygroscopicity (in the order of 1 to 2% with a radiation of 10^8 rads) (Paton and Hearmon, 1957).

Chapter 2. Mill Study

Introduction

An extensive study at Hurfords Building Supplies sawmill was conducted to investigate the cause of the moisture variation problem. According to the managers of Hurfords Building Supplies (NSW) Pty. Ltd., large variations in MC at equilibrium occur in regrowth spotted gum (*Corymbia maculata*) after final drying. Hurfords management believe the problem is not caused by poor practices or inadequate kiln control. They suggest that the problem is more likely to be a function of inherent properties of the resource and refer to examples of timber of the same species equilibrating to a final moisture content very different to other timbers of the same species. Minutes from discussions with Hurfords management are provided in Appendix A.

The case study at this mill was performed predominantly to examine appropriate variables of regrowth spotted gum, from the log to final dried product, in order to obtain problematic material and thus establish the cause (and extent) of the problem. The variables examined in this study were:

- Coupe location,
- board location within a log,
- MC of boards before and after pre-drying,
- MC of boards after kiln drying,
- location of board within a stack,
- Airflow and temperature distribution during kiln drying.
- Board length.
- Sawn orientation

Trial Methodology

Sourcing and Tagging of Logs

Forty-five regrowth spotted gum logs were segregated in the log yard into four groups pertaining to different coupe locations. The four locations were from surrounding areas of Northern NSW, namely: two coupes side by side at Woodburn, one coupe at Banyabba, and one coupe at Tarre/Kiwarrka.

Each log was cross cut into two to three billets depending on log quality and size. Operational staff at Hurfords, performed this task, as per their standard procedures.

Three logs from each group (twelve logs) were chosen for tagging with specially designed end tags used to determine board location within a log after processing. Each billet from each log was also tagged at both ends. These tags are made of paper and are adhered to clean-cut ends of logs using Boncrete[™] glue. Care must be taken to ensure that the tags do not become wet during the curing of the glue, which takes approximately two days depending on weather conditions. The tags themselves contain a printed pattern of labelled concentric circles spaced 10mm apart with labelled radial lines spaced 10° apart (see figures 2.1 and 2.2). The tags are

paired, having the same identification number but with different symbols (^ and @), so that the top end and butt end of the log/board, in relation to the tree, can be recognised. All labels and symbols are located on the template in such a way that each board sawn from the tagged logs are easily identified in terms of radial, tangential and longitudinal (in terms of top and butt) position, and specific log number. The templates were adhered to each log so that the centre of the concentric circles were placed over the pith and the 0° radial lines of the top and butt templates were orientated along the same longitudinal plane of the log.



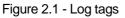




Figure 2.2 - Tagged billets

The remaining logs billets were colour coded on each end using four different coloured spray paints denoting each of the four coupe locations (see figure 2.3).



Figure 2.3 - Colour tagged logs.

Sawing, Stacking and Pre-Air Dry Analysis

Each billet was converted into predominantly back sawn boards of nominal (does not include overcut) dimension 100 \times 25mm using Hurford's standard log conversion procedures for the production of flooring boards. Flooring boards were targeted in this study for the following two reasons.

- 1. The occurrence of complaints concerning unacceptable variations in MC of this finished product is the greatest, and
- 2. The final stage of this study involves using a resistance type moisture meter to measure MC on one face of all of boards utilised leaving unsightly holes. Therefore the board face that has not been tested can be dressed as the top face and still be used for flooring. The ends of the billets were not docked during conversion in order to maintain the identity of the sawn boards via either the end tags, or coloured markings.

The boards were blocked packed off the green chain and were immunised (boron) against insect attack in a pressurised treatment vessel.

The boards were then stripped into four racks with approximate dimensions of 6m x 1.8m (wide) x 1m (high). The four racks consisted of a total of 1351 boards. During stripping each board was individually weighed (see figure 2.4) to extrapolate approximate initial average MC of each board from actual MC measurements conducted after kiln drying. Two sample boards (one each side) were included within each rack to monitor MC during kiln and air-drying in order to determine the transition between air and kiln drying and the kiln drying end point. During stripping each board was individually numbered and the position of each board within the stack was noted. The racks were stacked (see figure 2.5) and placed in the air-drying yard.



Figure 2.4 - Weighing boards during racking



Figure 2.5 - Completed stack ready for air-drying

Air Drying

The mill staff periodically monitored the sample board weights to determine when kiln drying should begin. In accordance with the air/kiln dry schedule, provided by Hurfords, this should occur when the average MC of the sample boards reaches approximately 15-20%. According to the Hurfords management greater variation in MC after final drying occurs when kiln drying begins at an average MC of 18-20%. Therefore, an MC value of 19% was chosen as the target air-drying end point MC, so as to exacerbate MC variation and provide an adequate number of samples for further analysis. After air-drying for approximately nine weeks, the material was deemed ready for kiln-drying based on the sample board MCs.

Before kiln drying each rack was de-stripped and approximately half of the boards were reweighed to determine MC after air-drying. Only half of the boards were weighed at this stage due to time constraints. As approximately half of the material consisted of template tagged boards and it was to be these boards that the most in-depth analysis was to be undertaken on they were targeted for weighing.. The boards were re-stripped to their original positions within each rack. The racks were restacked in the same order as used during air-drying (see figure 2.5) and placed in the kiln.

Kiln Drying

The kiln used was an Incomac[™] conventional drying kiln. The entire charge consisted of four stacks, each stack consisting of four racks. The four stacks were orientated two deep × two wide. The kiln load consisted of the research stack plus three other air-dried stacks of similar spotted gum flooring material. Figures 2.6 and 2.7 show the kiln at various stages of loading.



Figure 2.6 - Research stack



Figure 2.7 - Full kiln charge

Prior to starting the kiln, air velocity uniformity was measured using an anemometer. The air velocity was set to 2m/s as determined by the kiln-drying schedule used by Hurfords. Over a 2-dimensional grid, the measurements were taken at various locations on one face of the research stack as air was expelled from this face. The measurements were taken at 7 evenly spaced locations in the horizontal direction and at 7 locations in the vertical direction, making a total of 49 measurements for each individual rack. Air velocity measurements were also taken between the stacks (bearer gluts).

A series of eight thermocouples were placed on one face of the stack 1.5m in from each end of each rack (see figure 2.8). This allowed real time measurements of temperature distribution vertically and horizontally at the stack face throughout the entire kiln drying process. The temperatures were measured at 15 minute intervals.



Figure 2.8 - Thermocouple

The kiln schedule used is given in table 2.1.

Table 2.1 - Kiln schedule

Time (hrs)	Temp (deg C)	RH%
2	35	60
3	40	60
5	45	60
7	50	60
9	50	57
11	55	57
17	56	53
29	60	52
41	60	49
65	65	43
105	65	35
106	63	45
107	63	58
108	63	64
110	63	68
114	65	73
132	65	70
144	55	68
150	52	65

After 105 hours, an equalisation period at an approximate EMC of 11% was performed for 45hours.

Identification of over dry and under dry timber after kiln drying

After kiln drying and subsequent equalisation (to 11% MC) was complete, the rack was destripped and every board tested for average MC. During this process a calibrated resistance type moisture meter was used to determine the average MC of each board. The measurements were taken at a point in the centre of each board at a depth of approximately 1/3 the thickness, in accordance with AS/NZ 4787:2001 –Timber-assessment of drying quality. Each board was reweighed again for the purpose of extrapolating the MC of the boards before air and kiln drying using the previous board weights measured.

Over dry or under dry boards were then selected by the deviation of the average MCs from the expected EMC of the charge (11%). Fifty boards with the highest positive MC deviation and 50 boards with the lowest deviation were segregated from the original boards. Additionally 50 boards with the lowest level of MC deviation were segregated as control boards.

Finally, the selected boards were block stacked, wrapped in impermeable plastic and transported to Queensland Forestry Research Institute – Salisbury Research Centre, Queensland for further testing.

Testing of selected material

Each board selected was tested for average MC at varying positions along the length using the oven dry testing method, in accordance with AS/NZS 1080.1 – Methods of test – Timber-Moisture content. A 400mm length section was cut from the end of each board and discarded to negate the effects of end drying. Each board was then cut into 550mm length sections, a 25mm length sections was then cut from each end to calculate average MC using the oven dry method. The MC of each 500mm length section was calculated as the average MC of the two 25mm section cut from each end. Each 500mm length section was appropriately labelled with the original board number consecutively appended with a,b,c etc. As the original board length varied (dependent on the original billet size) differing numbers of 500mm length sections were produced from each board.

Additional board attributes were measured during board dissection, namely; original board length, sawing orientation (back sawn, quarter sawn or transitional) and centre reference point at top and butt ends of boards (originating from templated billets).

Each of the 500mm length sections were end coated with sealant and re-wrapped in impermeable plastic for further testing. However, due to the nature of the MC results obtained from the 25mm sections, further testing was terminated.

Results

2.3.1 Sawing, Stacking & Air Drying

Approximately the same volume of logs was sawn from each of the four coupe locations for the trial. Table 2.2 shows the percentage of boards from each location used in this trial. Both, the ratio of the total number of boards and the ratio of tagged boards (converted from tagged logs) are given.

	Total Boa	rds	Tagged Bo	ards
Coup	# Boards	% Total	# Boards	% Total
Woodburn1	154	12	117	23
Woodburn2	550	41	141	28
Banyabba	296	22	121	24
Tarre	332	25	124	25
Total	1332		503	

Table 2.2

The data shows that relatively even proportions of tagged boards were included in this study, even though 41% of all of the boards used were from the Woodburn1 coupe and only 12% came from the Woodburn2 coupe. This was because the volume of timber converted from each coupe exceeded the amount required for the actual trial. When the material was racked, the most convenient material was removed form the block packs first and so material from the Woodburn1 coupe was predominantly left over. An exception to this rule was the tagged boards, which were all used, hence the even coupe proportions

The air drying phase of this trial took approximately 68 days. The initial and final average MC of the sample boards were 47.6% and 19.1%, respectively. The air drying period was slower than expected due to a two week period of constant rain.

The kiln drying process took approximately 6.25 days including equalisation.

2.3.2 Kiln Conditions

1.3.2.4. Air Velocity

The air velocity was set to 2m/s using the PC kiln control unit. Measurements were taken over a two-dimensional grid at various locations on one face of the research stack as air was expelled from this face.

The measurement results are given in appendix B, section B.2.1, where rack numbers are sequential, i.e. rack1 denotes the top rack (nearest the roof of the kiln), and rack 4 denotes the bottom rack. Table 2.3 contains the average air velocity values for each stack, the total average, maximum and minimum values recorded. Figures 2.9 - 2.12 graphically illustrate the air velocity measurements as a two-dimensional grid.

Table 2.3 -	Air velocity	results
-------------	--------------	---------

	Average Air flow Values Average Minimum Maximum					
Rack1	1.8	1.3	2.3			
Rack2	1.8	1.0	2.4			
Rack3	1.9	1.5	2.6			
Rack4	1.9	1.3	2.3			
Total	1.8					

The average air velocity results for each rack are comparatively consistent with an average value of 1.8m/s over the entire rack face (excluding gluts). This is 10% below the set value of 2m/s but is very accurate for a kiln of this size.

The minimum and maximum values recorded seem to indicate quite large variations, however the air velocity maps (figures 2.9-2.12) show that the lower values recorded occur predominantly at the rack edges where baffling is rarely perfect. Overall the airflow results show good uniformity for each rack in both the horizontal and vertical directions.

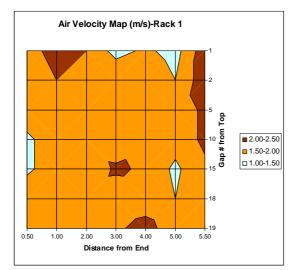


Figure 2.9 - Air Velocity Map Rack 1

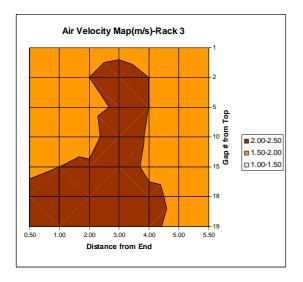


Figure 2.11 - Air Velocity Map Rack 3

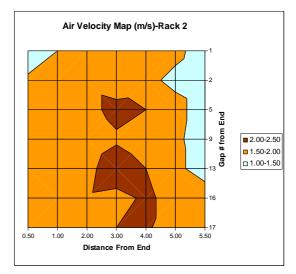


Figure 2.10 - Air Velocity Map Rack 2

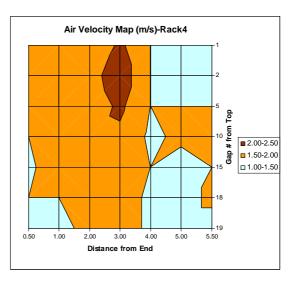


Figure 2.12 - Air Velocity Map Rack 4

1.3.2.5. Temperature

Figure 2.13 is a temperature versus time graph of these real time thermocouple temperatures. Appendix B.2.2 contains the thermocouple data used to produce this graph.

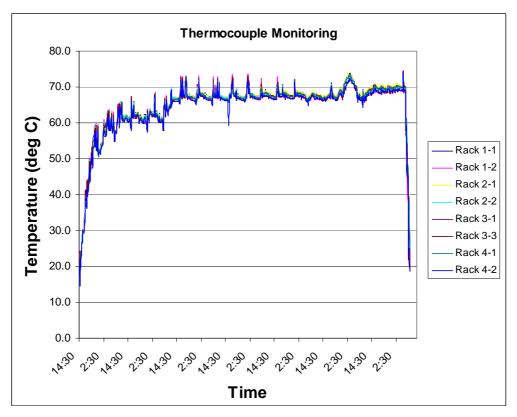


Figure 2.13 – Thermocouple temperature graph

The resulting graph indicates that the temperature variation through the research stack was consistent both vertically and horizontally. The maximum difference recorded between thermocouples was approximately 3°C. This is insignificant for a kiln of this size. The spikes shown on the graph represent either fan reversals or kiln openings during periodic measurement of sample board weights.

2.3.3 Moisture Content (Moisture Meter)

Using a calibrated resistance type moisture meter, the corrected (for temperature and species) MC of each board used in this study was measured. From these values, estimated initial and airdry MCs of the boards were calculated. These values were calculated to observe if a correlation existed between, oven drv MCs calculated for the problematic selected material, and the estimated MCs of the same material before and after air-drying.

The estimated MCs of the boards were calculated using the following formulae 2.1 and 2.2.

Firstly the estimated oven dry weight of each board was calculated using,

$$W_{ode} = \frac{W_{kd} \times 100}{MC_m + 100}$$
(2.1)

where W_{ode} = Estimated oven dry weight.

 W_{kd} = Kiln dried final measured weight.

 MC_m = Kiln dried moisture meter measured MC.

The initial and air dried estimated MC of the boards were calculated using,

$$MC_{i/a} = \left(\frac{W_{i/a} - W_{ode}}{W_{ode}}\right) \times 100$$
(2.2)

where

 $MC_{i/a}$ = Either initial of air dried moisture content.

 $W_{i/a}$ = Either initial or air dried measured weight.

The estimated initial and air dried MCs, kiln dried moisture meter MCs, associated weights and corresponding coupe numbers for each board are given in appendix B.1. The coupe numbers 1 to 4 correspond to Woodburn1, Woodburn2, Banyabba, and Tarre/Kiwarrka coupes respectively. The average, minimum and maximum MCs were calculated from the initial air dried and final dried estimated MC data and is tabulated below (table 2.4).

Table 2.4 – Inital, air dried and final dried MC analysis

	Moisture Content (Whole Boards)						
	Initial Pre-Kiln Post-Air Final						
Average	52.4	21.5	11.2				
Maximum	85.8	28.7	16.0				
Minimum	28.5	17.4	8.0				

The maximum and minimum MC variation is reduced dramatically from the initial value of 57.2% to the air-dried (pre-kiln post-air) value of 11.3%. A further reduction is evident after final drying (8%).

The average final dried MC (11.2%) is close to the target MC (11%).

The maximum and minimum variation after drying was not as large as was desired in terms of the objective of this study. Only five boards (0.4% of total) had a measured MC below 9% and 3 boards above 15% MC (0.2% of total). In fact 96% of the boards had moisture contents in the range of 9 to 13% MC (\pm 2% of target MC).

A greater maximum/minimum MC variation was expected after kiln drying. Hurford's staff has previously measured greater variations (boards with MCs over 18% have been recorded).

3 Selected Material Testing (Oven Dry MC)

As detailed in section 2.2.5, 150 boards were selected for further testing. These boards consisted of the 50 wettest, 50 driest and 50 boards with a measured MC closest to the target MC (11%).

Each board was cut into 500mm sections such that a 25mm section was cut from each end for oven dry MC testing. The results of these tests are given in appendix B.3.1. The average MC of each 500mm section was calculated as the average of the two 25mm sections cut from each end. The average MC of each whole board was calculated as the average of the 500mm sections cut from that board. Table 2.5 summarises these results tabulating the average, maximum and minimum values for the whole volume of 25mm, 500mm and full length boards respectively.

	Moisture Content Data						
	25mm Sections 500mm Sections Whole Board						
Average	10.6	10.6	10.6				
Maximum	13.5	13.4	12.8				
Minimum	7.9	8.5	9.2				

The summary of results further emphasises the lack of problematic MC variable material obtained from this study. From the 150 boards selected 822 25mm sections were oven dry tested for MC. The range from this large selection of samples was minimal (7.9% to 13.5%). The maximum and minimum MCs for the whole boards ranged from 9.2 to 12.8%.

A low r^2 correlation of 0.41 was calculated between the average board oven dry MCs and the measured moisture meter MCs. This is illustrated in figure 2.1.4.

Additional board attributes were also measured during board dissection, namely; original board length, sawing orientation (back sawn, quarter sawn or transitional) and centre reference point at top and butt ends of boards originating from templated billets. These attributes were measured as potential variables to analyse their correlation against the existence of problematic material. However, as no problematic material was observed these attributes were not analysed. The data has been included in this report (see appendix B.3.2.).

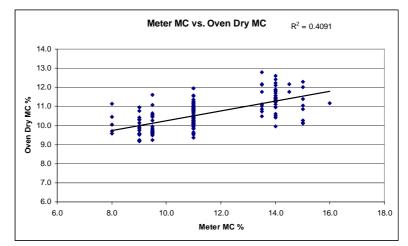


Figure 2.14 - Moisture meter MC vs. Oven dry MC

Conclusions

The main outcome from this study was the unexpected lack of material with undesirable final dry moisture contents. This was unexpected due to previous history at the site when drying this material using similar drying techniques. Exacerbation of problematic material through initialising kiln drying at higher than normal moisture contents did not occur. Given this and the large volume of material tested, from a production point of view, the results are exceptional.

An additional outcome from the mill study was the greater variation in MC readings obtained from the moisture meter compared with oven dry results. This is also emphasised by the low correlation observed between the two. It is common knowledge in the industry that moisture meters are not as accurate as the oven dry method for determining MC.

It should be noted that the kiln conditions, in terms of temperature and air-flow distribution, were also exceptionally stable with little variation. With this in mind and the lack of problematic material obtained, it can be theorised that the initial assumption that unacceptable variation in final moisture contents is a caused by variations in timber properties may only be partly true. Kiln performance and drying practice may also be factors causing the reported problem.

Although this section of work was prevented by the lack of obvious problematic material it is believed that by broadening the scope of this project could be continued in the future. The final section of this report (section 3.5) proposes recommendations toward furthering this study based on the results obtained throughout this report.

Chapter 3. Dry Stock Appraisals

Introduction

The dry stock appraisals were undertaken to determine the extent of moisture content variation through the inspection of randomly selected dried stock. The appraisals were conducted at various commercial hardwood sawmills which were collaborating in this project. The inspections were conducted at Clennett Timber (Tas), Hume and Kerrison Pty. Ltd. (Tas), Hurfords Building Supplies Pty. Ltd. (NSW), J. Notaras & Sons Pty. Ltd. (NSW), Hyne & Son Pty. Ltd. (QLD). At each mill, the two species that are processed to produce the highest volume of quality joinery or flooring sawn timber were appraised. As such, the species investigated were *Eucalyptus delegatensis, E. regnans, Corymbia maculata, and E. pilularis*.

It should be noted that due to the sensitive 'commercial in confidence' nature of the outcomes, the results are not linked to the commercial names of each sawmill. Rather, each sawmill is given a number from one to five (that does not correspond to the order given above). Additionally, species names are not given for each mill due to obvious geographical linkages.

The appraisals themselves involved measurement of MC average and gradient from a material subset. These two properties are the most relevant for investigating MC variation. The average MC is directly related to the desired target MC sought after drying. Additionally, the moisture gradient (difference in MC across a set distance of the case and core of a board) is important as it is linked to the MC variation through the thickness of a board.

Methodology

Dried stock appraisals were conducted in accordance with AS/NZS 4787:2001 – Timber – Assessment of drying quality.

Using this standard as a guide, assessment of average MC and MC gradient were investigated on dried stock to give drying quality class classifications for these two properties. It should be noted that to easily explain the procedures used, the following methodology section contains excerpts from the aforementioned standard.

Initial Information

In order to compare the quality of grade output the following information was obtained from the management of each participating site:

- What are the most common two species of dried quality stock with a cross sectional thickness not greater than 80mm (maximum thickness at which standard is valid) produced?
- What are the cross sectional dimensions of these products?
- What is your target final average MC for these products?

At each mill, after the initial questions were answered, sampling was undertaken on 25mm and 50mm thick rough sawn material, and 19mm thick dressed material of the target species, dependent on availability of stock.

Sampling

At each mill, forty boards of each species were tested for average MC and MC gradient. The boards were selected randomly from either dressed or rough sawn packed stock, so that five individual pieces were selected from each of eight packs. Where this was not possible, material was selected directly from the dry chain such that eight groups of five boards were selected leaving sufficient time between each group of boards to cover an approximate volume of one pack. The number of samples chosen was sufficient to cover all quality class groups (see section 3.2.4), as specified by AS/NZS 4787:2001.

Measurements

All measurements were taken at least 400mm from the end of a test piece. Additionally, the ambient air temperature where the packs were stored was measured before testing. The following summarises moisture content measuring procedures.

Average Moisture Content

The average MC was measured using an insulated electrode resistance type moisture meter (pre calibrated to Douglas Fir) at a depth of $\frac{1}{3}$ of the thickness of each test piece (denoted by MC_{1/3}).

Moisture Content Gradient

Assessment of MC gradient was carried out by successive MC measurements, on the same cross-section of each sample piece at two defined depths. The first reading was taken at a depth of $^{1}/_{6}$ the thickness or 5mm, whichever was the larger (denoted by MC_{1/6}). The second reading was taken at a depth of $^{1}/_{2}$ the thickness of the test piece (denoted by MC_{1/2}).

All MC measurements were corrected for temperature and species in accordance with AS/NZS 1080.1 – Timber Methods of Test – Moisture Content.

Quality Class Specifications

In accordance with AS/NZS 4787:2001 drying quality class specifications can be made dependent on the results of the MC gradient and average MC measurements.

For average MC, 90% of samples must comply with moisture content tolerances from the target average MC (denoted by MC_t) as specified by the sawmill management.

Table 3.1 lists the allowable range and associated quality class for 90% of all MC readings around the target MC.

Quality	Allowable deviation between measured moisture content ($MC_{1/3}$ %)										
class	and target moisture content (MC _t %)										
	$MC_t = 8$	$MC_t = 8$ $MC_t = 10$ $MC_t = 12$ $MC_t = 14$ $MC_t = 18$									
Class A	1	1	2	3	3						
Class B	1	2	3	4	5						
Class C	2	3	4	5	5						
Class D	3	4	5	6	7						
Class E	4	5	6	7	9						

Table 3.1 – Moisture content quality class specifications

For MC gradients, 90% of samples must adhere to MC tolerances from case (MC_{1/6}) to core (MC_{1/2}).

Table 3.2 lists the maximum allowable deviation in MC between $MC_{1/2}$ and $MC_{1/6}$, by target MC and quality class.

Quality	Allowable deviation between core $(MC_{1/2})$ and case $(MC_{1/6})$ moisture										
class	content by target moisture content (MC_t %)										
	$MC_t = 8$	$MC_t = 8$ $MC_t = 10$ $MC_t = 12$ $MC_t = 14$ $MC_t = 18$									
Class A	1	1	2	3	3						
Class B	1	2	3	4	5						
Class C	2	3	4	5	5						
Class D	3	4	5	6	7						
Class E	4	5	6	7	9						

Table 3.2 – Moisture	gradient gualit	ty class s	pecifications

The quality class descriptions described in AS/NZS 4787:2001 are as follows:

Class A - caters for specific end uses and very specific requirements for drying quality;

Class B – applies where tight control over drying is required to limit 'in service' movement resulting from changes in equilibrium moisture content;

Class C – applies where higher drying quality is required and the final use environment is clearly defined;

Class D – applies when the final use environment is more clearly defined but again the drying quality requirements are not considered high; and

Class E – applies when the final use and drying quality requirements are not high.

Results

All measurements were conducted in accordance with the methodology (section 3.2). Table 3.3 summarises the dried stock quality assessment results for each sawmill. Contained in the table are the, species identification number (for some mills only one species was available for testing), thicknesses for each species, target moisture content, average MC grade quality class, and the MC gradient grade quality class (see 3.2 for description of class classifications). Full sets of results are included in appendix C.

_	Site 1		Site 2		Site 3		Site 4		Site 5
Species	1	2	1	1	1	2	1	2	1
Thickness	19mm	19mm	25mm	50mm	19mm	19mm	19mm	19mm	25mm
Target MC (%)	12	10	12	12	10	10	10	10	12
Average MC Grade	В	Α	С	Fail	В	В	В	В	Α
MC Gradient Grade	A	Α	В	С	В	В	А	A	D

Table 3.3 - Dried stock quality assessment results

In terms of the objective, the following results from each site are considered to be of importance:

Site 1: The resulting grade quality of the selected samples for this site (species 1 and 2) are high quality in terms of average MC and MC gradient. However sample number 7, species 1 (see C.1.1), had a moisture content value considered to be much higher or wetter than the other samples, which is a cause for concern. This sample would be viewed as being a problematic piece in terms of the scope of this project.

Site 2: For the 25mm material the average MC quality was poor (see C.2.1). This is because the majority of the board average MC values were higher than the target MC of 12%. This indicates insufficient drying to reach the target MC. Additionally, samples number 2, 11 and 18 (see C.2.1) have considerably higher average MC values than the other samples. Again these samples would be viewed as being problematic pieces.

The grade quality results for the 50mm material were very poor (see C.2.2). The average MC value for each board was well above the target MC of 12%, with 47.5% of boards failing to even receive a quality classification (greater than 6%MC above target). The average MC of all samples was 18.1%. This material had definitely not been dried for a long enough period to reach the desired target MC. Due to insufficient drying it is not possible to identify problematic moisture variable timber at this stage.

Site 3: In terms of average MC grade, there were no over or under dry boards measured (species 1 and 2). The grade quality in terms of average MC and MC gradient was high.

Site 4: In terms of average MC grade, there were no over or under dry boards measured (species 1 and 2). The grade quality in terms of average MC and MC gradient was high.

Site 5: In terms of average MC grade, there were no over or under dry boards measured. However, the MC gradient grade for the majority of these boards (see C.5.1) were average. A result such as this is a common indicator of material that has not been sufficiently equalised to EMC conditions after drying.

Note: In terms of MC gradient grade quality, sites 1, 3, and 4 performed better than sites 2 and 5. This may be affected by the thinner (19mm) dressed material tested at these sites. As MC gradients generally occur such that the surface of a board is drier than the core, obviously the MC gradient will be reduced when the surfaces of a board is dressed.

Conclusions

Through appraisals of randomly selected dried stock the extent of moisture content variation was examined at various commercial hardwood sawmills.

Although the series of appraisals were only taken on one day of production, from a random selection of material on a small cross-section of the Australian hardwood industry, the study has uncovered enough information to a) indicate that a problem does exist and b) a number of underlying issues are also in evidence. These underlying issues are predominantly concerned with drying practice. This second issue is relatively sensitive, and although a series of postulations leading to recommendations are included in these conclusions, this was not within the scope of this project and hence becomes an opportunity for further research (see section 3.5).

Analysis of data taken at sites 1 and 2 indicate the existence of small numbers of boards with average MCs much greater than other boards dried under the same conditions. The reasons for this are still yet unknown. The existence of this type of material is of great concern to the industry due to its potential to create problems between timber processors and their clients (and in application).

From the results given for sites 2 and 5 it is evident that the moisture variation/drying issue can easily be confused with issues pertaining to practice. The 50 mm material tested at site 2 specifically shows insufficient drying to the target MC. Reasons for this may be caused by; relying on MC resistance probes instead of using sample boards, incorrect use and/or using uncorrected moisture content readings of moisture meters, relying on time based drying schedules, kiln limitations, and storing material in wet climatic conditions after drying. Without further study however, only postulations can be considered at this stage.

The MC gradient quality of the material tested at site 5 was considered to be poor. The average MC quality for the same material however, was high. This seems to indicate insufficient equalisation at the end of the drying process. This is again a drying practice issue rather than an issue pertaining to timber properties.

Even though the results from the previous chapter did not produce the required results to continue this study, the results from the sawmill dry stock appraisals definitely indicate that the moisture variation problem, consisting of rogue wet material, does exist. Additionally, further questions have been raised relating drying best practice to this issue. The potential to identify the cause of this problem exists and further research is required, building on the scope of this project. Outlines containing further recommendations for continuing this study are given in the following section.

Recommendations for Future Work

At the time of writing this report the moisture variation issue still remains unresolved. This is due to unforseen circumstances governing the outcomes of the mill study (as detailed in Chapter Two). Results obtained in this chapter however, have given enough insight into the problem to continue this line of research in order to find a solution.

The dry stock appraisal survey has shown that the existence of the moisture variation problem may not be entirely caused by timber properties as first postulated. Rather, drying practice may also be a causal factor.

An outline of a future project to complete the research started in this project may be as follows:

- 1) Survey a greater number of sawmills throughout Australia to identify those that are experiencing problems with moisture content variation after final drying.
- 2) Perform on site investigations at sites that are experiencing the problem. This would involve personal interviews with site managers and staff. Additionally data measurement of air drying and kiln drying conditions including air velocity, humidity and temperature variation would also be conducted.
- 3) Obtain problematic material from these sites along with non-problematic control material, over a set time period, to compare timber properties. Timber property measurement could include, vessel frequency, lumen diameter, cell wall thickness, percentage of hemi-cellulose, extractive content (using both methanol + hot water extraction methods).
- 4) Perform stability measurements in a constant environment chamber on the material obtained from 2).
- 5) Provide economically feasible solutions to address the problem.

It is believed that this type of approach would not only guarantee that problematic material will be obtained for testing, but also the underlying best practice issue would be investigated.

References

Ahmet, K., G. Dai, et al. (1999). "Experimental procedures for determining the equilibrium moisture content of twenty timber species." <u>Forest Products Journal</u> **49**(1): 88-93.

Campean, M., M. Ispas, et al. (1999). <u>Experimental Study Concerning the Hysteresis of Sorbtion</u> <u>and Desorbtion for Different Wood Species</u>. 6th International IUFRO Wood Drying Conference, Stellenbosch, South Africa.

Chafe, S. C. (1991). "A relationship between equilibrium moisture content and specific gravity in wood." Journal of the Institute of Wood Science **12**(3): 119-122.

Kadir, K., R. Erickson, et al. (2001). <u>The Effect of Sample Size and Configuration on Red Oak</u> <u>Hysteresis</u>. 7th International IUFRO Wood Drying Conference, Tsukuba, Japan.

Kubinsky, E. and G. Ifju (1974). "Influence of steaming on the properties of Red Oak. Part II. Changes in shrinkage and related properties." <u>Wood Science</u> **7**(2): 103-110.

McNaught, A. (1987). Equilibrium moisture content of timber. <u>QFRI Timber Note</u>. **23**. Paton, I. M. and R. F. S. Hearmon (1957). "Effect of exposure to gamma rays on the hygroscopicity of Sitlea sprucewood." <u>Nature</u> **180**: 651.

Simpson, W. T. (1971). "Moisture changes induced in red oak by transverse stress." <u>Wood and</u> <u>Fiber</u> **3**(1): 13-21.

Skaar, C. (1979). <u>Moisture Sorption Hysteresis of Wood</u>. Rosen, H. N.; Simpson, W.; Wengert, E. M.; (Chairmen): Symposium on wood moisture content temperature and humidity relationships, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, Oct. 29, 1979. 1979, 4 11; 31 ref., Forest Products Laboratory, USDA Forest Service.; Madison, Wisconsin; USA.

Soriano, F. P. and P. D. Evans (1997). "The role of extractives in monomolecular sorption and cluster formation in thin King William pine (Athrotaxis selaginoides D. Don.) wood strips." <u>FPRDI</u> Journal **23**(1): 47-66.

Spalt, H. A. (1979). <u>Water-Vapour Sorption by Woods of High Extractive Content</u>. Rosen, H. N.; Simpson, W.; Wengert, E. M.; (Chairmen): Symposium on wood moisture content temperature and humidity relationships, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, Oct. 29, 1979. 1979, 4 11; 31 ref., Forest Products Laboratory, USDA Forest Service.; Madison, Wisconsin; USA.

Wangaard, F. F. (1979). <u>The Hygroscopic Nature of Wood</u>. Rosen, H. N.; Simpson, W.; Wengert, E. M.; (Chairmen): Symposium on wood moisture content temperature and humidity relationships, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, Oct. 29, 1979. 1979, 4 11; 31 ref., Forest Products Laboratory, USDA Forest Service.; Madison, Wisconsin; USA.

Wengert, E. M. and P. M. Mitchell (1979). <u>Psychrometric relationships and equilibrium moisture</u> <u>content of wood at temperatures below 212 deg F (100 deg C) [a review]</u>. Rosen, H. N.; Simpson, W.; Wengert, E. M.; (Chairmen): Symposium on wood moisture content temperature and humidity relationships, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, Oct. 29, 1979. 1979, 4 11; 31 ref., Forest Products Laboratory, USDA Forest Service.; Madison, Wisconsin; USA.

Waterson, G 1997. <u>Australian Timber Seasoning Manual</u>. Australasian Furnishing Research and Development Institute Limited.

Appendices

- Appendix A. Survey Meeting Minutes at Hurfurds
- Appendix B. Mill Study Data
- Appendix C. Dry Stock Appraisal Data

Appendix A. Survey Meeting Minutes-Hurfords

Bob Engwirda is the manager of the dry mill at Hurford Hardwood – Lismore NSW. This is the site for the case study examination. The following is an account of an informal meeting held on 13/12/01.

In the past Bob has experienced problems with moisture variation particularly "wet wood" after kiln drying, predominantly with spotted gum and blackbutt.

The material is generally air dried first to below FSP and enters the kiln for final drying when the average moisture content of the material is between approximately 15% and 20%. Under his current schedule Bob states, 'at 15%MC the material usually takes approximately 5-6 days to dry and at 18-20%MC the material takes approximately 6-7 days to dry.

Bob has trialed higher temperatures during final drying to speed up the process. The drying times were faster, however the moisture variation problem was exacerbated. A greater proportion of under-drys were present. Less variation is currently present with the slower/colder drying schedules being used. Other observations conducted by Bob were:

- a) moisture content variation seems to be worse for timber entering the kiln drying phase at higher average moisture contents (ie. 20% c/f. 15%),
- b) by observation, a large proportion of wet wood boards are quarter/transitional sawn and/or exhibit comparatively closely packed (denser) growth rings,
- c) the best method to reduce moisture variation is to over dry the material from the desired target MC to 8-9%, then steam to approximately to 13-14% before redrying at the same final conditions to 10%. Additionally, it was observed that the steaming treatment did not seem to effect the permeability (drying rate) of the material.

When sawing, Hurfords usually saw the same species for approximately 1 weeks to produce approximately 50-60 stacks of green boards. Air drying takes approximately 12 weeks and the kiln charge consists of 16 stacks. The stacks are orientated inside the kiln 4 high \times 2 wide \times 2 long

Graeme Palmer, was also present at this meeting, and suggested that drying at higher temperatures increases the transport rate of water movement exponentially with temperature so that the material that is more permeable will dry faster compared with the material of lower permeability. Hence a greater number of wet wood boards will be present at the end of drying.

Graeme also suggested a number of potential areas of research regarding this project as follows:

- 1) The variation trends of MC between boards has not yet been investigated when comparing the same boards at the end of air drying with those at the end of kiln drying.
- 2) Intermittent cyclic/humidity treatments during final drying.
- 3) Holding the material at a fixed EMC for a period of time towards the end of drying to equalise before drying is completed.
- 4) Drying schedule/Energy cost issue. le. would it be more cost effective to kiln dry at lower initial temperatures and a higher wet bulb depression initially when compared with current schedules?

Appendix B. Mill Study Data

A.1. Board weight, MC, and Coup Location Data

Board #	Pre-dry Weight (kg)	Calculated MC (%)	Pre-kiln Weight (kg)	MC Calculated (%)	Post-kilnWeight (kg)	Meter MC (%)	Predicted O.D.W. (kg)	Coup #
1	18.53	55.9	-	-	13.31	12	11.88	4
2	16.30	49.3	-	-	12.17	11.5	10.91	2
3	17.30	43.1	-	-	13.30 12.31	10	12.09	2
4 5	16.73 20.48	50.9 43.5	-	-	12.31	11 10	11.09 14.27	2
6	16.41	46.0	-	-	12.36	10	11.24	2
7	16.81	51.6	-	-	12.31	11	11.09	2
8	16.80	48.6	-	-	12.44	10	11.31	2
9	17.01	48.5	-	-	12.60	10	11.45	2
10	16.03	49.3	-	-	11.81	10	10.74	2
11	17.53	52.1	-	-	12.79	11	11.52	2
12 13	16.96 20.54	57.5 56.4	-	-	12.06 14.45	12 10	10.77 13.14	2
14	19.93	57.7	-	-	14.45	12	12.63	2
15	16.99	48.3	-	-	12.72	11	11.46	2
17	9.53	56.0	-	-	6.72	10	6.11	3
18	13.95	53.8	-	-	10.07	11	9.07	4
19	14.24	51.8	-	-	10.60	13	9.38	3
20	13.35	55.5	-	-	9.87	15	8.58	3
21	18.89	57.8	-	-	13.35	11.5	11.97	3
22	13.00	62.7 61.8	-	-	9.03	13 15	7.99	3 3
23 24	13.25 14.70	57.1	-	-	9.42 10.34	10.5	8.19 9.36	3
24	12.66	52.5	-	-	9.13	10.5	8.30	3
26	9.92	53.5	-	-	7.27	12.5	6.46	3
27	18.09	58.7	-	-	12.94	13.5	11.40	3
28	13.69	56.6	-	-	9.88	13	8.74	3
29	12.57	58.0	-	-	9.15	15	7.96	3
30	12.29	64.8	-	-	8.65	16	7.46	3
31	11.66	56.6	-	-	8.34	12	7.45	4
32 33	12.00 9.54	60.5 53.3	-	-	8.41 6.97	12.5 12	7.48 6.22	4
34	11.77	52.2	-	-	8.74	13	7.73	3
35	13.75	53.7	-	-	9.84	10	8.95	3
36	9.51	49.0	-	-	7.15	12	6.38	2
37	8.76	44.3	-	-	6.68	10	6.07	2
38	11.65	48.3	-	-	8.72	11	7.86	3
39	10.29	52.0	-	-	7.58	12	6.77	3
40 41	7.92 17.65	49.0 56.5	-	-	5.90 12.52	11 11	5.32 11.28	2 4
41	10.35	56.5	-	-	7.54	10.5	6.82	2
43	10.32	50.7	-	-	7.67	10.5	6.85	2
44	10.21	60.7	-	-	6.99	10	6.35	2
45	10.36	54.2	-	-	7.39	10	6.72	3
46	14.42	55.9	-	-	10.45	13	9.25	3
47	12.34	50.7	-	-	9.01	10	8.19	3
48	11.17	50.6	-	-	8.16	10	7.42	3
49 50	13.78 10.66	51.0 55.4	-	-	10.22 7.58	12 10.5	9.13 6.86	3
51	10.00	51.3	-	-	7.43	10.5	6.75	2
52	13.37	57.2	-	-	9.44	11	8.50	3
53	11.91	53.2	-	-	8.55	10	7.77	3
54	9.54	47.9	-	-	7.29	13	6.45	2
55	10.65	56.3	-	-	7.63	12	6.81	2
56	14.77	58.3	-	-	10.45	12	9.33	3
57	13.34	59.0	-	-	9.44	12.5	8.39	4
58 59	11.95 13.77	52.5 57.2	-	-	8.70 9.81	11 12	7.84 8.76	2
60	9.31	46.3	<u> </u>		7.00	12	6.36	2
61	11.84	44.7	-	-	9.00	10	8.18	2
62	11.54	47.7	-	-	8.75	12	7.81	3
63	10.23	49.6	-	-	7.59	11	6.84	3
64	11.20	55.0	-	-	7.95	10	7.23	4
65	8.09	52.2	-	-	5.90	11	5.32	3
66	16.54	56.6	-	-	11.62	10	10.56	3

67	10.97	45.4	-	-	8.30	10	7.55	3
68	12.61	54.8	-	-	9.37	15	8.15	3
69	11.04	50.2	-	-	8.23	12	7.35	3
70	14.11	60.9	-	-	9.82	12	8.77	4
71	13.67	56.4	-	-	9.70	11	8.74	4
72	11.77	52.5	_	-	8.72	13	7.72	2
		65.3	-	-				
73	13.61		-	-	9.14	11	8.23	3
74	12.24	56.4	-	-	8.65	10.5	7.83	3
75	12.52	44.4	-	-	9.58	10.5	8.67	3
76	12.29	47.0	-	-	9.11	9	8.36	3
77	11.85	48.1	-	-	9.08	13.5	8.00	2
78	9.40	50.0	-	-	7.02	12	6.27	2
79	10.88	49.7	-		8.07	11	7.27	4
	12.63					12		4
80		51.6	-	-	9.33		8.33	
81	13.65	66.0	-	-	9.29	13	8.22	4
82	14.46	56.3	-	-	10.36	12	9.25	4
83	14.34	50.4	-	-	10.49	10	9.54	4
84	13.51	53.0	-	-	9.80	11	8.83	4
85	9.66	47.4	-	-	7.21	10	6.55	3
86	9.55	55.0	-	-	6.90	12	6.16	2
87	13.90	55.2	-		9.94	11	8.95	3
88	13.20	55.7			9.58	13	8.48	4
			-	-	-			
89	13.22	49.4	-	-	10.00	13	8.85	3
90	10.93	47.8	-	-	8.21	11	7.40	2
91	13.06	54.5	-	-	9.47	12	8.46	4
92	12.87	51.2	-	-	9.45	11	8.51	4
93	13.25	53.1	-	-	9.69	12	8.65	4
94	13.61	45.0	-	-	10.37	10.5	9.38	4
95	12.13	38.5	-	-	9.59	9.5	8.76	4
	11.23	46.3						4
96			-	-	8.56	11.5	7.68	
97	14.06	46.9	-	-	10.53	10	9.57	4
98	15.20	49.5	-	-	11.39	12	10.17	4
99	12.40	53.0	-	-	9.20	13.5	8.11	4
100	14.07	56.7	-	-	10.01	11.5	8.98	4
101	13.82	55.9	-	-	9.97	12.5	8.86	4
102	13.40	50.5	-	-	9.97	12	8.90	4
102	13.95	50.1	_	_	10.41	12	9.29	4
			-	-				
104	14.16	48.2	-	-	10.70	12	9.55	4
105	13.52	47.3	-	-	10.28	12	9.18	4
106	13.18	52.5	-	-	9.68	12	8.64	3
107	11.08	62.6	-	-	7.60	11.5	6.82	4
108	10.11	43.5	-	-	7.82	11	7.05	3
109	9.67	47.2	-	-	7.29	11	6.57	3
110	11.77	57.4	_	_	8.45	13	7.48	4
			-	-				4
111	10.64	28.5	-	-	9.40	13.5	8.28	
112	12.44	56.4	-	-	9.07	14	7.96	4
113	11.15	61.2	-	-	7.78	12.5	6.92	4
114	11.17	56.3	-	-	7.97	11.5	7.15	4
115	10.72	59.2	-	-	7.54	12	6.73	4
116	8.91	45.7	-	-	6.79	11	6.12	3
117	9.10	46.8	-	-	6.82	10	6.20	3
118	10.56	62.7	<u> </u>		7.17	10.5	6.49	4
				-				
119	10.93	63.1		-	7.37	10	6.70	4
120	11.20	60.1	-	-	7.80	11.5	7.00	4
121	11.07	47.2	-	-	8.27	10	7.52	3
122	12.26	50.2	-	<u> </u>	9.14	12	8.16	3
123	12.62	56.0	-	-	8.98	11	8.09	3
124	17.32	47.1	-	-	13.07	11	11.77	1
125	16.03	41.1	-	-	12.61	11	11.36	1
125	12.05		<u> </u>		8.44	10	7.67	3
		57.0	-	-	-			
127	13.22	44.1	-	-	10.09	10	9.17	1
128	14.32	40.9	-	-	11.38	12	10.16	1
129	12.88	52.1	-	-	9.57	13	8.47	2
130	11.12	47.2	-	-	8.46	12	7.55	3
131	11.94	57.8	-	-	8.40	11	7.57	4
132	11.03	53.4	-	-	8.09	12.5	7.19	4
133	11.26	47.4	-	<u> </u>		11	7.64	4
				-	8.48			
134	11.30	58.2	-	-	7.93	11	7.14	4
135	10.40	59.6	-	-	7.17	10	6.52	4
136	10.90	49.6	-	-	8.16	12	7.29	4
137	10.82	53.4	-	-	7.76	10	7.05	3
138	13.64	56.4	-	-	9.64	10.5	8.72	3
139	13.81	49.6	-	-	10.25	11	9.23	2
<u> </u>								-

140	10 72	E9 6			7 4 4	10	6 76	4
140 141	10.73 18.92	58.6 56.2	-	-	7.44 13.57	10 12	6.76 12.12	4
142	19.27	54.4	-	-	13.73	10	12.48	2
143	20.99	46.1	-	-	15.52	8	14.37	2
144	11.25	52.0	-	-	8.14	10	7.40	2
145	10.86	47.2	-	-	8.19	11	7.38	4
146	11.46	57.2	-	-	8.02	10	7.29	3
147	11.38	46.3	-	-	8.71	12	7.78	3
148	12.58	70.3	-	-	8.20	11	7.39	2
149	10.80	54.1	-	-	7.78	11	7.01	4
150	10.70	50.7	-	-	7.81	10	7.10	4
151	14.08	68.5	-	-	9.36	12	8.36	3
152	11.40	58.9	-	-	7.89	10	7.17	3
153	10.55	52.1	-	-	7.77	12	6.94	2
154	19.66	54.3	-	-	14.02	10	12.75	2
155	17.73	56.2	-	-	12.54	10.5	11.35	2
156	19.57	61.0	-	-	13.37	10	12.15	2
159	17.57	60.5	-	-	12.04 7.43	10	10.95	4
160 161	10.10 9.44	50.9 57.8	-	-	6.64	11 11	6.69 5.98	4
162	10.61	48.9	-	-	7.98	12	7.13	2
162	14.24	40.9 55.8	<u> </u>	-	10.24	12	9.14	2
164	13.38	54.0	-	-	9.82	12	8.69	2
165	11.85	56.0	-	-	8.51	12	7.60	4
166	10.35	48.6	-	-	7.73	11	6.96	3
167	10.53	48.2	-	-	7.96	12	7.11	3
168	10.87	42.8	-	-	8.45	11	7.61	2
169	13.13	58.5	-	-	9.28	12	8.29	3
170	18.83	52.6	-	-	13.57	10	12.34	2
173	18.08	54.9	-	-	13.07	12	11.67	2
174	13.60	56.5	-	-	9.82	13	8.69	4
175	10.76	58.1	-	-	7.69	13	6.81	4
176	11.02	62.0	-	-	7.55	11	6.80	4
177	10.99	56.3	-	-	7.84	11.5	7.03	4
178	10.14	51.6	-	-	7.49	12	6.69	2
179	13.79	62.4	-	-	9.47	11.5	8.49	3
180	14.25	57.5	-	-	10.04	11	9.05	3
181	10.36	55.8	-	-	7.38	11	6.65	4
182	13.24	48.4	-	-	10.04	12.5	8.92	2
183	10.75	53.3	-	-	7.75	10.5	7.01	3
184	10.92	51.3	-	-	8.01	11	7.22	3
185	9.34	52.9	-	-	6.78	11	6.11	4
186	11.15	49.4	-	-	8.21	10	7.46	3
187	10.28	45.6	-	-	7.91	12	7.06	3
188	21.13	62.7	-	-	14.74	13.5	12.99	2
189	18.40	62.3	-	-	12.70	12	11.34	4
190	11.23	59.7	-	-	7.77	10.5	7.03	4
191	11.40	47.9	-	-	8.48	10	7.71	4
192 193	11.64 9.64	54.2 57.8		-	8.38 6.75	11 10.5	7.55 6.11	4
193	9.64	57.8	-	_	8.38	10.5	7.48	2
194	11.63	59.5	-	-	8.02	12	7.48	2
195	12.90	59.5 65.6			8.57	10	7.79	3
190	10 50	54.1		-	7.71	12.5	6.85	4
197	10.56	58.6	-	-	7.38	12.5	6.71	4
198	10.04	56.7		-	7.63	10	6.87	3
200	11.55	53.5	-	-	8.43	12	7.53	4
200	10.00	55.3	-	-	7.21	12	6.44	4
202	15.33	52.1	-	-	11.09	10	10.08	4
203	19.00	52.8	-	-	13.68	10	12.44	2
204	19.15	52.6	-	-	13.80	10	12.55	2
205	17.87	49.5	-	-	13.63	14	11.96	3
206	19.56	41.2	-	-	15.51	12	13.85	3
207	9.12	65.5	-	-	6.17	12	5.51	2
208	10.44	60.0	-	-	7.31	12	6.53	2
200	18.41	64.2	-	-	12.78	14	11.21	2
209	17.78	77.5	-	-	11.02	10	10.02	3
			-	-	9.73	10.5	8.81	2
209	13.87	57.5					0.07	2
209 210	13.87 13.73	57.5 54.7	-	-	9.85	11	8.87	Ζ
209 210 211 212 213	13.87 13.73 9.98			-	7.16	10	6.51	4
209 210 211 212 213 214	13.87 13.73 9.98 15.76	54.7 53.3 56.6	-		7.16 11.07	10 10	6.51 10.06	4 4
209 210 211 212 213	13.87 13.73 9.98	54.7 53.3	-	-	7.16	10	6.51	4

217	13.15	52.9	-	-	9.46	10	8.60	2
218	10.08	69.5	-	-	6.78	14	5.95	2
219	11.42	57.3	-	-	8.06	11	7.26	2
220	10.27	64.4	-	-	7.06	13	6.25	2
221	11.47	62.4	-	-	7.77	10	7.06	2
222	18.26	58.0	-	-	12.94	12	11.55	2
223	19.60	58.0	-	-	13.89	12	12.40	2
224	20.56	61.8	-	-	14.23	12	12.71	2
225	9.50	65.5	-	-	6.43	12	5.74	2
226	11.64	57.3	-	-	8.14	10	7.40	4
227	10.09	62.6	-	-	6.89	11	6.21	2
228	9.67	58.3	-	-	6.75	10.5	6.11	4
229	9.09	72.9	-	-	5.81	10.5	5.26	2
230	9.99	52.2	-	-	7.32	11.5	6.57	4
231	13.54	54.4	-	-	9.69	10.5	8.77	2
232	10.38	85.8	-	-	6.20	11 11	5.59	2
233	9.26	43.0	-	-	7.19		6.48	2
234	15.63	48.1	-	-	11.82 10.57	12 11	10.55	2
235	14.75	54.9 53.2	-	-		13	9.52 12.48	-
236 237	19.12 15.85	56.6	-	-	14.10 11.13	10	10.12	3
238	18.30	52.8	-	-	13.17	10	11.97	2
239	18.96	64.0	-	-	12.66	9.5	11.56	4
240	14.49	49.5	-	-	10.66	10	9.69	2
240	18.63	49.6	-	-	13.95	12	12.46	2
242	18.53	55.0	-	-	13.15	10	11.95	2
243	16.26	49.4	-	-	12.19	12	10.88	4
244	8.98	61.1	-	-	6.13	10	5.57	2
245	12.20	63.3	-	-	8.22	10	7.47	4
246	10.30	68.2	-	-	6.86	12	6.13	2
247	11.71	57.3	-	-	8.41	13	7.44	2
248	15.33	49.7	-	-	11.21	9.5	10.24	2
249	10.53	53.0	-	-	7.57	10	6.88	2
250	15.22	48.0	-	-	11.21	9	10.28	2
251	14.73	65.0	-	-	9.73	9	8.93	4
252	22.10	58.7	-	-	15.32	10	13.93	2
253	9.18	53.0	-	-	6.63	10.5	6.00	4
254	10.05	68.0	-	-	6.61	10.5	5.98	2
255	11.78	57.9	-	-	8.28	11	7.46	2
256	20.36	62.1	-	-	14.26	13.5	12.56	2
257	20.21	58.3	-	-	14.30	12	12.77	2
258	21.40	55.2	-	-	15.44	12	13.79	2
259	15.79	62.2	-	-	10.61	9	9.73	4
260	14.67	53.4	-	-	10.52	10	9.56	2
261 262	11.34 11.59	56.9	-	-	7.95	10 11.5	7.23	2
263	11.18	58.6 58.9	-	-	8.15 7.88	12	7.04	2
264	12.10	60.7	-	-	8.28	10	7.53	2
265	10.05	61.9	-	-	6.83	10	6.21	2
266	13.25	55.1	-	-	9.48	11	8.54	2
267	10.05	52.1	-	-	7.27	10	6.61	4
268	12.03	69.7	-	-	7.87	11	7.09	4
269	10.96	62.4	-	-	7.39	9.5	6.75	2
270	14.43	59.6	-	-	10.08	11.5	9.04	2
271	14.32	58.1	-	-	10.10	11.5	9.06	2
272	13.61	56.2	-	-	9.76	12	8.71	2
273	19.51	55.4	-	-	13.81	10	12.55	2
274	18.21	44.0	-	-	13.91	10	12.65	3
275	19.97	58.9	-	-	14.08	12	12.57	4
276	13.91	50.4	-	-	10.31	11.5	9.25	2
277	11.48	57.1	-	-	8.11	11	7.31	2
278	13.37	54.4	-	-	9.70	12	8.66	2
279	10.78	53.8	-	-	7.71	10	7.01	2
280	13.71	54.0	-	-	9.97	12	8.90	2
281	8.19	45.6	-	-	6.16	9.5	5.63	4
282	11.62	54.2	-	-	8.48	12.5	7.54	2
	14.13	51.8	-	-	10.24	10	9.31	2
283		FG O	-	-	7.06	12	6.30	2
283 284	9.89	56.9						
283 284 285	17.51	56.5	-	-	12.36	10.5	11.19	2
283 284 285 286	17.51 19.44	56.5 54.1	-	-	13.94	10.5	12.62	2
283 284 285 286 287	17.51 19.44 19.02	56.5 54.1 53.2	-	-	13.94 13.72	10.5 10.5	12.62 12.42	2 2
283 284 285 286	17.51 19.44	56.5 54.1			13.94	10.5	12.62	2

A.2.1.

A.2.2.

Λ	2	2
А.	۷.	J.

290	40.00	40.0			4 4 4 0	40	40.04	0
	18.92	46.2	-	-	14.49	12	12.94	3
291	17.47	43.1	-	-	13.67	12	12.21	2
292	14.34	49.5	-	-	10.55	10	9.59	4
293	11.97	58.3	-	-	8.47	12	7.56	2
294	10.75	48.5	-	-	8.00	10.5	7.24	2
295	15.85	48.1	-	-	11.72	9.5	10.70	2
296	20.79	55.0	-	-	15.10	12.56	13.42	2
297	14.28	62.7	-	-	9.74	11	8.77	4
298	18.31	49.2	-	-	13.50	10	12.27	2
299	15.89	45.3	-	-	12.14	11	10.94	2
300	9.59	44.5	-	-	7.30	10	6.64	2
301	20.29	47.0	-	-	15.46	12	13.80	2
302	13.80	50.4	-	-	10.09	10	9.17	4
303	14.09	52.6	-	-	10.34	12	9.23	4
304	15.55	51.5	-	-	11.29	10	10.26	2
305	17.76	45.9	-	-	13.39	10	12.17	2
3 86	19:20	54.9	=		13933	12	12.46	R
307	19:04	54.3	=	:	19.78	12	12.942	2
3 08	18:26	\$ 9.3	=	:	15.69	9.5	10:68	2
3 89	13.58	49.0	=	-	10240	10 ₀ 5	8.25	3
31 0	15.98	58.9	=	:	181.562	12	Ø.53	34
34 1	18.68	68.5	=	-	1703128	10.5	8.62	2
342	15:68	49.3	=	:	1 / 1,676	10	1/0 1/01	2
3 43	13.98	48.3	=	=	10.35	1025	9.30	ĝ
344	14:30	\$ 9.5	=	=	10416	9.5	9 .58	g
31 5	16.90	56.8	:	:	162.9270	162	10:459	4
346	17:34	68.7	=	:	18228	1805	12307	4
<u>447</u>	15.98	47:B	=	:	191.162	182	10,498	2
348	10.88	59.9	=	:	8.95	18	g.82	2
449	19.06	50.9	=	:	124.814	10 ₀ 5	192976	3
450	18:38	55.9	=	:	183.676	12	172561	3
3 51	18.62	\$5.5	=	:	14.29	10	12.38	2
322	18.23	52.2	=	=	12:08	10 ₀ 5	10.93	2
323	12.96	<u>43.6</u>	=	:	12.40	11	191.7197	2
323	19:56	55: 4	=	:	1/3.41/2	10	161.793	2
324	13.98	52.9	=	:	9.83	18	8.78	2
329 3 26	13.86	48:8	=	-	9:92 10:02	1035	g.99	2
457	15.64	59.8	-	-	19.86	13	9.68	2
428	18:25	49:0	-	-	193,671	192	162,824	2
459	16.53	48.9	-	-	12.55	1095	11.69	2
329	15.67	28.6	-	-	18.44	ଶ୍ୱାର	101,481	4
3 91	18.49	59.5	-	-	192.128	12	10.196	3
391	18:39	57.8	-	-	1/2783	10	19.96	2
<u>392</u>	10:44	48.0	-	-	12:00	12	19.007	2 2
<u>399</u>	18:30	<u>49:0</u> <u>49:0</u>	-		12:73	12	191.1602	2 2
394	19:05	59.9	-	-	1/27/46	18	191.892	2 2
		27.7		-		1115		
<u>390</u>	10.98	<u>97:4</u>	-	-	8:20		7:44	4
<u>468</u>	19.05	<u>5</u> 6.4	-	-	124,123	10	1/2:355	
398	19.99	63. 4	=	-	14349	1¢05	12390	
<u>469</u>	19.45	46:5	=	-	175.652	12	18866	2
<u>470</u>	19.00	<u>449.0</u>	=	=	1/4920	11	1/2.1/09	
<u>4</u> 41	19.54	3 9.7	=	=	1/5888	10	173,1969	2
3 42			=	=	1/5:3/8			
	19:45	<u>56:0</u>			0.00	10	18994	2
3 43	18:39	\$ 8:8	=	=	18:38	11	171.578	2
<u>4</u> 43 444	18:33 10:98	48.8 49.4	:		Ø:58	11 18	171.5708 6.89	2 2
<u>473</u> 474 475	18:33 10:98 10:82	48.8 59.4 58.9	:		9:58 9:98	11 10 1 0	171.578 6.89 7.09	2 2 2
<u>373</u> 374 375 376	18:33 10:98 10:82 15:68	40.8 54.4 53.6 59.0	: : :	=	9:58 9:98 17:523	11 18 1 0 19	171.578 6:89 7:09 60.952	2 2 2 2
<u>373</u> <u>374</u> <u>375</u> <u>376</u> <u>377</u>	18:39 10:98 10:82 15:68 29: 7 0	48.8 54.4 58.9 69.0 59.0	=	=	9:58 9:98 17:55 16:340	11 18 10 10 10	171.5788 6.889 7.099 70.9952 60.952 60.952 60.952 60.952 60.952	3 3 3 4 3
<u>343</u> <u>344</u> <u>345</u> <u>346</u> <u>347</u> <u>348</u>	18:39 10:98 10:99 15:68 29:49 17:89	43 43 43 43 43 43 43 43 43 43 43 43 43 4			9:58 9:98 17:528 16840 16840	11 10 10 10 10 12	1/1.5788 6:889 7:09 7:09 7:09 7:09 7:09 7:09 7:09 7:0	<u>2</u> 222
<u>343</u> <u>344</u> <u>345</u> <u>346</u> <u>346</u> <u>347</u> <u>348</u> <u>349</u>	18.39 10.98 10.82 15.68 29.40 17.88 17.88 18.54	49 49 49 49 49 49 49 49 49 49 49 49 49 4	=		\$.58 \$.08 \$.08 \$.08 \$.08 \$.08 \$.08 \$.08 \$.0	11 18 10 10 10 18 12 1005	14588 7:09 7:09 7:09 7:09 7:09 7:09 7:09 7:09	<u>ଅ ଅ ଅ ଅ</u>
343 344 345 346 347 348 349 380	18:33 10:38 10:39 15:63 29:49 15:63 15:63 15:64 18:64 15:40		=	=	9:58 9:59 9:50 9:50 9:50 50 50 50 50 50 50 50 50 50 50 50 50 5	11 10 10 10 10 12 1005 12	11578 7 :599 7 :5	202 202 202 202 202 202 202 202 202 202
343 344 345 346 346 347 348 349 380 380 381	18.33 10.98 10.82 15.63 29.40 17.88 18.64 19.80 19.78	8 4 4 4 4 4 4 4 4 4 4 4 4 4	= = = =	= = = =	<u>\$.</u> \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. 	11 10 10 10 18 18 10 5 12 12 11	1158 7:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:99 9 9 9 9 9 9 9 9 9	3) 3) 3) 3) 3) 3) 3) 3) 3) 3) 3) 3) 3) 3
343 344 345 346 346 347 348 349 349 381 381 382	18.33 10.98 10.89 15.68 29.70 17.88 17.88 18.64 19.28 19.78 19.78 19.78 19.78 19.78 19.78	8 8 4 9 9 9 9 9 9 9 9 9 9 9 9 9	=		9:58 9:58 9:52 9:54 9:54 52 52 54 54 54 54 54 54 54 54 54 54 54 54 54	11 10 10 10 10 12 1005 12 11 10 12 11 10	71558 11558	3) 3) 3) 3) 3) 3) 3) 3) 4) 3) 4) 4) 4) 4) 4) 4) 4) 4) 4) 4) 4) 4) 4)
343 344 345 346 346 347 348 349 380 381 380 381 383	18.33 10.98 10.99 15.63 29.49 17.88 18.64 19.40 19.78 4558 13.62		: : : : :		<u>\$.888888888888888888888888888888888888</u>	11 10 10 10 10 10 12 12 11 10 12 12 11 10 11	11588 7588	<u> </u>
343 344 345 346 347 348 349 380 380 380 380 381 382 383 384	18.33 10.98 10.89 15.63 29.49 17.89 19.80 19.49 19.80 19.49 19.58 13.62 19.29 19.29	** * ** ** ** </td <td>= = = =</td> <td>= = = =</td> <td>8.58 9.55 9.51 9.52 9.52 9.52 9.52 9.52 9.52 9.52 9.52</td> <td>11 10 10 10 10 12 1005 12 11 10 11 11 11</td> <td><u>11</u> 53 53 53 53 53 53 53 53 53 53</td> <td></td>	= = = =	= = = =	8.58 9.55 9.51 9.52 9.52 9.52 9.52 9.52 9.52 9.52 9.52	11 10 10 10 10 12 1005 12 11 10 11 11 11	<u>11</u> 53 53 53 53 53 53 53 53 53 53	
343 344 345 346 346 347 348 349 380 380 380 381 382 383 383 383 384 385	18.33 10.36 10.59 15.63 29.49 17.89 18.64 19.78 19.78 4558 13.62 19.78 19.78 19.78 19.62 19.78	49.47 49.47 </td <td></td> <td></td> <td>まで、 1999年11月1日 1999年11月11日 1999年11月1日 1999年11月1日 1999年11月1日 1999年11月1日 1999年11月1日 1999年11月1日 1999年11月1日 1999年11月1日 1999年11月1日 1999年11月1日 1999年11月11日 1999年11月11日 1999年11月11日 1999年11月11日 1999年11月11日 1999年11月11日 1999年11月11日 1999年11月11日 1999年111111111111111111111111111111111</td> <td>11 10 10 10 12 12 100 12 11 10 11 10 11 12 13</td> <td></td> <td><u> </u></td>			まで、 1999年11月1日 1999年11月11日 1999年11月1日 1999年11月1日 1999年11月1日 1999年11月1日 1999年11月1日 1999年11月1日 1999年11月1日 1999年11月1日 1999年11月1日 1999年11月1日 1999年11月11日 1999年11月11日 1999年11月11日 1999年11月11日 1999年11月11日 1999年11月11日 1999年11月11日 1999年11月11日 1999年111111111111111111111111111111111	11 10 10 10 12 12 100 12 11 10 11 10 11 12 13		<u> </u>
343 344 345 346 347 348 349 380 380 380 381 382 383 383 384 385 386	18.33 10.38 10.39 15.63 20.49 17.89 18.64 19.48 19.48 19.48 13.63 19.78 13.63 19.78 19.68 13.63 19.78 19.68 19.68 19.68 19.68	************************************	: : : : :			11 18 10 10 18 12 10 5 12 11 10 5 12 11 10 5 12 11 13 14	1158 5.89 7.39 7.39 7.39 7.39 7.39 7.39 7.39 7.3	
313 314 345 346 349 349 380	18.33 10.38 10.39 15.68 20.79 17.88 13.64 19.78 13.64 19.78 13.62 19.78 13.62 19.78 13.62 19.78 13.62 19.28 13.62 19.28 13.62 19.28	*** *** ***				11 18 10 10 18 12 10 5 12 11 10 5 12 11 10 5 12 11 10 5 12 11 10 11 11 11 11 11 11 11 11 11 11 11	<u>います。 い い い い い い い い い い い い い </u>	
343 344 345 346 346 347 348 350 351 350 351 355 355 355 356 356 356 356 356 356 356	18.33 10.38 10.39 15.68 20.79 15.68 15.58 15.68	** * * * *				11 10 10 100 100 100 100 100 100 11 100 11 100 11 11 12 13 14 19	<u>そのです。 そのです でのです。 でのです でのでする でのでする でのでする でのでする でのでする でのでする でのでする でのでする でのでする でのでする でのです でので でので</u>	
343 344 349 346 347 347 348 349 380	18.33 10.98 10.99 15.63 29.79 17.88 18.64 19.79 19.79 19.79 19.562 19.79 19.562 19.79 19.562 19.79 19.68 19.563 19.78 19.68 19.583 19.68 19.583 19.555 19.555 19.555 19.555 19.555 19.555 19.555 19.555 19.555 19.555 19.555 19.555 19.555 19.555 19.555 19.555 19.555 19.5555 19.5555 19.5555 19.5555 19.5555 19.5555 19.55555 19.5555555555	8 4 4 4 4 4 4 4 4 4 4 4 4 4				11 10 10 100 100 100 100 100 11 10 11 11 11 13 14 100 11 12 13 14 19 12 12		
313 344 345 346 346 347 347 347 347 347 347 347 347 347 347	18.33 10.38 10.39 15.63 29.79 17.38 18.54 19.36 19.78 19.58 19.78 19.69 19.78 19.78 19.69 19.78	<u>8</u> 4 4 4 4 4 4 4 4 4 4 4 4 4			ਲ਼ੑੑਲ਼ੑਗ਼ਖ਼ੑਖ਼ਖ਼ਖ਼ਖ਼ੑਸ਼ੑਸ਼ੑਖ਼ਖ਼ੑਖ਼ਖ਼ੑਖ਼ੑਖ਼ੑਫ਼ਖ਼ਫ਼ ੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶	11 10 10 10 10 100 100 1100 1100 1100 1100 1100 1100 1100 1100 1100 1100 1100 1100	<u>います。 い い い い い い い い い い い い い </u>	2) 2) 2) 2) 2) 2) 2) 2) 2) 2) 2) 2) 2) 2
313 344 344 346 346 346 346 346 346 346 346 346 346 346 346 346 346 346 346 380 380 385 385	18.33 10.38 10.38 10.38 11.4.63 11	<u>ૹ૽</u> ૱૱૱૱૱૱૱૱૱૱૱ ૱૱૱૱૱૱૱૱૱૱૱ ૾૾ૺઌૡૡ૱૱૱૱૱૱૱ ૾૾ૡૡૡ૱૱૱૱૱ ૾૾ૡૡૡ૱૱ ૾૾ઌૡૡ૱ ૾૾ઌૡૡ૱ ૾૾ઌૡૡ૱ ૾૾ઌૡૡ ૾૾ઌૡૡ ૾૾ઌૡૡ ૾૾ઌ				11 10 10 10 12 12 12 13 14 10 12 12 13 14 15 15 15	\$3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
343 344 345 346 347 348 347 348 380 380 383 385 382	18.33 10.38 10.38 10.38 10.38 10.38 10.38 10.58	<u>ૹ</u> ૡ ૡ ૡ ૡ ૡ ૡ ૡ ૡ ૡ ૡ ૡ ૡ ૡ ૡ ૡ ૡ ૡ ૡ ૡ			ᇊᇔᄢᅇᆊᇞᅇᆆᅋᆆᇏᅒᅫᅕᆉᄿᆆᄥᆆᇔᅕᇗᇶᇔᇗ ᆂᇐᇔᅋᇔᅋᇔᅋᇔᇔᇔᇔ ᆂᇐᆂᆂᆂᆂ	11 10 10 10 10 10 10 10 10 11 10 11 10 11 12 13 14 15 10 10 11 12 13 14 15 10 10 10 10 11 12 13	¥80 580 580 580 580 580 580 580 580 580 5	
313 344 344 346 346 347 347 348 348 388 388	18.33 10.38 10.38 10.38 10.48 10.62	<u>ૹ</u> ૡ			8.52 8.50 8.50 8.51 8.52 8.52 8.52 8.52 8.52 8.52	11 10 10 10 12 12 12 12 12 12 12 12 12 12 12 12 13 14 15 10 15 10 14	<u>11 15 15 15 15 15 15 15 15 15 15 15 15 1</u>	
	18.33 10.398 10.398 15.649	88 89 80 80 80 80 80 80 80 80 80 80			表示 数 数 数 数 数 3 3 5 5 5 5 5 5 5 5 5 7 <th7< th=""> 7 <th7< th=""> <th7< th=""></th7<></th7<></th7<>	11 10 10 10 10 12 10 12 10 10 11 12 13 14 15 16 15 16 11 12	第二日本の1000000000000000000000000000000000000	<u>න</u> <u>න</u> <u>න</u> <u>න</u> <u>න</u> <u>න</u> <u>න</u> <u>න</u>
343 344 346 346 346 347 347 347 347 347 347 347 347 347 347	18.33 16.339 15.63 15.63 19.73 10.64 10.64	wei wei <thwei< th=""> <thwei< th=""> <thwei< th=""></thwei<></thwei<></thwei<>			8.888838888888888888888888888888888888	11 10 10 10 10 10 12 13 14 10 11 13 14 13 14 13 14 15 10 15 10 15 10 14 12 12	第二日本部では、1998年1月1日本第二第一日本第二月1日本月	2 2 3
343 344 344 345 346 347 348 380 380 380 380 380 380 380 380 380 380 380 380 380 380 380 380 481 382 493 493 493 493 493 493 493 496	18.33 10.338 10.338 11.5.44 12.44 12.44 12.44 12.44 12.45 12.44 12.45 12	88 49 49 49 49 49 49 49 49 49 49			支援 支 支 支 支 支 支 支 支 支 支 خ خ	11 10 10 10 12 13 14 10 12 12	1530 1530 1530 1530 1530 1530 1530 1530	2 2 3 3 3
343 344 345 346 347 348 380	18.33 16.338 16.338 16.338 17.388 18.44 19.458 10.622 10.62 10.53 10.558 10	88 89 89 89 89 89 89 89 89 89			8.888888888888888888888888888888888888	11 10 10 10 12 12 13 14 15 16 17 18 11 13 14 15 16 17 18 19 11 13 14 15 16 11 12 12 10	第38 第38 第38 第38 第38 第38 第38 第38 第38 第38	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
343 344 344 346 348 347 348 380 380	18.33 10.398 10.622 9.18 10.623 9.366 10.233 9.366 10.398 10.398 10.398 10.398 10.624 10.233 9.366 10.528 10.5588 10.5588 10.5588 10.5588 10.5588 10.5588 10.5588 10.58	88 89 89 89 89 89 89 89 89 89			8.8888388883844888888888888888888888888	11 10 10 10 10 12 13 14 15 16 17 18 11 12 10 10 10	第二日本部では、1000年間	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
313 344 346 346 346 347 346 381 380 384 388 388 388	18.33 10.38 10.39 14.48 14	80 81 82 83 84<			P:38 B:30 B:30 <th< td=""><td>11 10 10 10 10 10 10 10 10 11 12 13 14 15 16 10 10 10 10 10 10</td><td>第二日本の1000000000000000000000000000000000000</td><td>xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx</td></th<>	11 10 10 10 10 10 10 10 10 11 12 13 14 15 16 10 10 10 10 10 10	第二日本の1000000000000000000000000000000000000	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
313 348 348 348 348 348 348 348 348 381 388	18.33 10.38 10.38 15.68	Sec Sec <td></td> <td></td> <td>P:se B:se <th< td=""><td>11 10 10 10 10 10 12 10 11 10 11 10 11 12 13 14 12 10 10 10 10 10 11 12 10 10 10 10 10 10 11</td><td>Y: 1000 (100</td><td></td></th<></td>			P:se B:se B:se <th< td=""><td>11 10 10 10 10 10 12 10 11 10 11 10 11 12 13 14 12 10 10 10 10 10 11 12 10 10 10 10 10 10 11</td><td>Y: 1000 (100</td><td></td></th<>	11 10 10 10 10 10 12 10 11 10 11 10 11 12 13 14 12 10 10 10 10 10 11 12 10 10 10 10 10 10 11	Y: 1000 (100	
343 344 345 346 347 348 380 380 380 380 380 380 380 380 380 385	18.33 10.38 10.38 10.38 10.38 10.48 10.59 10.51	88 49 49 49 49 49 49 49 49 49 49			7.58 9.68 9.68 9.68 9.68 9.68 9.68 9.67 9.68 9.68 9.68 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.66 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.641.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1	11 10 10 10 10 11 12 13 14 13 14 13 14 13 10 14 15 16 17 18 19 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10	Yi	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
313 348 348 348 348 348 348 348 348 381 388	18.33 10.38 10.38 15.68	Sec Sec <td></td> <td></td> <td>P:se B:se <th< td=""><td>11 10 10 10 10 10 12 10 11 10 11 10 11 12 13 14 12 10 10 10 10 10 11 12 10 10 10 10 10 10 12</td><td>Y: 1000 (100</td><td></td></th<></td>			P:se B:se B:se <th< td=""><td>11 10 10 10 10 10 12 10 11 10 11 10 11 12 13 14 12 10 10 10 10 10 11 12 10 10 10 10 10 10 12</td><td>Y: 1000 (100</td><td></td></th<>	11 10 10 10 10 10 12 10 11 10 11 10 11 12 13 14 12 10 10 10 10 10 11 12 10 10 10 10 10 10 12	Y: 1000 (100	
343 344 345 346 347 348 347 348 380 380 380 380 380 380 380 385	18.33 10.38 10.38 10.38 10.38 10.48 10.59 10.51	88 49 49 49 49 49 49 49 49 49 49			7.58 9.68 9.68 9.68 9.68 9.68 9.68 9.67 9.68 9.68 9.68 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.66 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.641.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1	11 10 10 10 10 11 12 13 14 13 14 13 14 13 10 14 19 10 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10	Yi	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
343 344 344 345 346 347 348 380 380	18.33 10.338 10.338 11.34 12.44	88 49 49 49 49 49 49 49 49 49 49			3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	11 10 10 10 10 10 10 11 12 10 11 13 14 15 16 17 18 19 11 12 10 10 10 10 11 11.5 14	Yi Yi<	33 33 4 4 4 4 3
343 344 343 344 345 346 346 347 348 380 381 388 383 388 388 388 388 388 388 388 388 388 388 388 388 388 388 388 388 388 493 344 495 496 497 498 499 500 501 502 503 503	18.33 10.338 10.338 10.338 11.338 12.338 12.338 12.27 13.338 14.3388 14.33888 14.33888 14.33888 14.338888 14.338888 14.3388888 14.	Bit Bit <td></td> <td></td> <td>2.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3</td> <td>11 10 10 10 12 13 14 15 16 17 18 11 13 14 15 10 10 10 10 10 10 10 10 11 11.5</td> <td>Y153 Y153 <thy153< th=""> Y153 Y153 <t< td=""><td>xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx</td></t<></thy153<></td>			2.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3	11 10 10 10 12 13 14 15 16 17 18 11 13 14 15 10 10 10 10 10 10 10 10 11 11.5	Y153 Y153 <thy153< th=""> Y153 Y153 <t< td=""><td>xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx</td></t<></thy153<>	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
313 344 348 348 348 348 348 381 381 388 388	18.33 10.38 10.38 10.38 14.48 14	88 89 80<			8.888888888888888888888888888888888888	11 10 10 10 10 10 10 11 12 10 11 13 14 15 16 17 18 19 11 12 10 10 10 10 11 11.5 14	Yi Size Size <th< td=""><td>xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx</td></th<>	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
313 344 348 346 348 348 348 388 388 388	18.33 10.38 10.38 10.38 10.38 10.38 10.48 10	Bit Bit <td></td> <td></td> <td>8.888833888854344588884488884488884488844</td> <td>11 10 10 10 10 12 13 14 13 14 13 14 13 14 15 16 17 18 19 12 10 10 12 10 11 12 10 11 12 10 11 12 10 11 12 12 10 11 12 12</td> <td>Y152 Y164 Y172 Y174 Y172 Y174 Y172 Y174 Y172 Y174 Y174 Y174 Y174<td>xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx</td></td>			8.888833888854344588884488884488884488844	11 10 10 10 10 12 13 14 13 14 13 14 13 14 15 16 17 18 19 12 10 10 12 10 11 12 10 11 12 10 11 12 10 11 12 12 10 11 12 12	Y152 Y164 Y172 Y174 Y172 Y174 Y172 Y174 Y172 Y174 Y174 Y174 Y174 <td>xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx</td>	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
343 344 343 344 345 347 348 380 380 380 380 380	18.33 10.38 10.35 10.38	88 49 49 49 49 49 49 49 49 49 49			表示	11 10 10 10 10 11 12 13 14 13 14 13 14 13 10 13 10 13 10 13 10 13 10 12 10 11 12 10 11 12 12 12 12 12 12 12 12 12 12.5	1158 6.89 7.09 20 7.09 20 7.09 20 7.09 20 7.09 20 7.09 20 7.09 20 7.09 20 7.09 20 7.09 20 7.09 20 7.09 20 7.09 20 7.00 20 7.00 20 7.00 20 7.00 20 7.00 20 7.00 20	32 32 32 32 32 4 4 32 4 4 32 4 4 33 4 2 2 3 4 2 2 3 3 4 2 2 3 3 4 4 3 4 2 2 2 2 3 3 4 2 2 2 2 2 3 3 4 2 2 2 2 2 2 3 3 4 4 3 4 2

363	9.00	43.1	-	-	6.92	10	6.29	2
364	9.80	42.4	-	-	7.64	11	6.88	2
365	9.47	46.3	-	-	7.25	12	6.47	2
366	8.96	48.4	-	-	6.73	11.5	6.04	2
367	8.76	49.1	-	-	6.52	11	5.87	2
368	9.85	49.1	-	-	7.30	10.5	6.61	3
369	8.68	44.4	-	-	6.64	10.5	6.01	2
370	10.01	45.2	-	-	7.65	11	6.89	3
371	11.32	48.6	-	-	8.38	10	7.62	2
372	10.32	50.1	-	-	7.77	13	6.88	3
373	10.84	62.2	-	-	7.35	10	6.68	4
374	11.25	54.5	-	-	8.01	10	7.28	4
375	12.98	49.1	-	-	9.84	13	8.71	3
376	11.18	59.9	-	-	7.97	14	6.99	4
377	11.41	53.7	-	-	8.39	13	7.42	4
378	11.60	62.0	-		8.02	12	7.16	4
599	11.98	58.9	:		8:69	16	7:43	4
580	13928	49.0	-		10707	19	8:97	8
581	19.99	64.9	:		7:78	12	6.95	4
582	11:46	55.9	=	-	8.40	19	7.58	4
583	13:09	6 <u>5</u> .9	:		8:88	1225	7.99	8
<u>584</u>	10.92	6 6.9	-	:	9.9 6	10	6.86	2
585	19:47	49. 7	-	:	8.85	1025	8:89	3
586	10.42	55.4	=	=	7.51	10	Ø.75	3
587	13:18	69.9	-		9.86	13!5	9.97	3
588	19455	52.8	=	=	8.98	10	7.57	ĝ
589	191.344	24.9	:	:	8:69	10	6.90	ð
580	12.49	54.5	:	:	8.49	12	8.49	3
581	1529080	66.9	=	:	8:23	18	7.89	4
582	17:54	48.2	=	:	183,2649	10	1/2:493	2
585	18.96	68.9		:	12.08	18	12:28	4
586	19:62	58.2			12:48	12	11.44	4
585	28.99	46.3		=	13.79	13	15.89	3
528	14.03	47.9		=	10,63	1105	9.56	2
529	1,2,483	49.0		=	9.40	1105	9.96	3
538	12.68	<u>46.1</u>			8.53	1025	9.54	2
536	10.64	63.4	-	-	6.26	10.5	6:44	4
533	19.52	45.2	-	-	190,3184	13	8.48	2
<u>400</u> 503	17.59	51.3		-	18563	12	1/2.667	2
504	176261	63.8	-	-	142,987	12	141.559	4
505	19.67	49.9		-	12906	15	170.195	2
536	19:42	48.9	-	-	182,139	12	171306	2
<u>484</u>	12.58	59.8	-	-	8:82	12	7.49	4
<u> 403</u>	20.30	49.5	-	-	175,6010	1025	18757	2
539	20:30 190880	49:5	-	-	7:85	10-5	6.59	2
549	12.90	<u>49:4</u> 572.6	-	-	7:89 8:29	12	Ψ:99 8:26	2
408	12:40	44:9	-	-	9:49 8:66	10	7:87	3
<u>546</u>	12.94	44.8		-	183:86	18	1/2,538	2
545	19.53	<u>50:0</u> 68.0	-	-	13.28	12	10.67	4
546	18.62	49:4	-	-	12.48	11	10:09	4
547	19:44	<u>49:0</u> 64.0	-	-	<u>3.94</u>	14	6.34	4
548	12.98	<u>58.0</u>		-	<u>9:94</u> <u>8</u> .83	12	6:97	4
549	19.98	<u>40:0</u> 50.8	-	-	9:42 1842-36	18	1/332/4	3
EE0	0.54	47.0	-		7.00	40	19:524	4
298 557	15570 19718	41.9 49:4		-	1/2/197 8:09	10 10	6.69	2
<u>497</u> 558	19.89	44.2	-	-	1/0.995	10	φ:29 6. 9 3	2
<u>448</u> 553	19:59	44:4 47:9	-	-	8.56	12	9:44	
499 55 0	10:59	57:9 40:9	-		8:96 9.83	12	9:64 6:84	3 2
42 0 555	10:48	<u>60:9</u> 44:8			9:92 8:44	12		4
429 550	11:59 10:26	51 :9 69:7		-	<u>8:44</u> 7:02	1 0 13	7:69 6:90	4
<u>422</u> 553			-	-		13 12		4 2
<u>423</u> 558	<u>19:63</u> 19: 64	<u>49.9</u>	-	-	<u>8:54</u> 8:95	12	7:03	202
424 559	14:6 6	49:0 49:0	-	-	<u>8:95</u> 10:39	12 1205	9.89 0.63	2
429 560	14:66	<u>54:0</u>	-	-	8:20	112.5	9:92 6:61	3
428 567	10.97	49.0	-	-	8:20	1145	7.67	3
427 568	19:47 20:854	49:6 48:5			8:51 175458	11 10 2 5	13,957	3 2
4 <u>28</u> 563	20:04	44:5 64:0			1/5:58 9:48	10:5	7.30	4
<u>429</u> 56 0	18.30	<u>97:9</u> 25:8	-	-	1/22/15	10	19:59 19:559	4
<u>490</u> 565	10.56	49:8 58:0	-	-	7:45	10	6.65	4
499 566	19:06 19:69	<u>94:0</u> 29:0	-	-	7:90 8:53	1 0 13	9:98 6:88	- 4 23
<u>492</u> 563	19:04 22:22	49:0 46:0	-	-	8:79 16:597	12 1395	9:89 175,534	3
<u>495</u> 568	16:58	49:2 54:8	-	-	1,0,0,81	1095	8:48	2
<u>494</u> 568	10:54	84:9 6 9:9	-	-	1/2:048	10.5	16.584	4
499 570	10:99	45.7	-	-	8.84	10	8.04	1
571	11.86	47.6	-	-	8.96	11.5	8.04	1
572	9.94	44.6	-	-	7.70	12	6.88	3
573	11.14	41.2	-	-	8.76	11	7.89	3
574	12.38	43.3	-	-	9.50	10	8.64	1
575	13.48	49.3	<u> </u>		10.11	12	9.03	2
576	11.89	49.3	-	-	9.00	12	8.18	1
577	12.78	49.1	-	-	9.60	12	8.57	2
578	12.70	49.1 51.2	-	-	9.60	12	8.70	4
579	13.05	54.2	-	-	9.27	9.5	8.47	3
513			-	-	9.27	9.5	8.41	3
580	12 80			-	0.20	10		
33580 3581	12.89	53.3 53.4	-	-	851	95	7 80	~
33 ₅₈₁	11.96	53.4	-	-	8.54	9.5	7.80	3
55581 582	11.96 18.35	53.4 58.1		-	12.77	10	11.61	4
55 582 583	11.96 18.35 22.79	53.4 58.1 47.8	-	-	12.77 17.19	10 11.5	11.61 15.42	4
55581 582	11.96 18.35	53.4 58.1			12.77	10	11.61	4

586	13.76	44.7	-	-	10.46	10	9.51	2
587	11.45	56.5	-	-	8.27	13	7.32	4
588	9.66	72.9	-	-	6.37	14	5.59	2
589	10.96	44.7	-	-	8.41	11	7.58	2
590	10.12	41.3	-	-	7.88	10	7.16	2
591	13.25	44.0	-	-	10.12	10	9.20	2
592	11.46	46.9	-	-	8.58	10	7.80	1
593	11.52	57.2	-	-	8.06	10	7.33	4
594	12.34	46.3	-	-	9.36	11	8.43	1
595	12.15	46.4	-	-	9.13	10	8.30	1
596	23.41	47.5	-	-	17.78	12	15.88	2
597	18.63	59.7	-	-	12.83	10	11.66	4
598	20.19	57.2	<u> </u>		14.00	9	12.84	2
599	23.50	55.2	_	-	17.11	13	15.14	2
600	23.30	54.9		-	15.07	10	13.70	2
601	14.24	52.5	-	-		13	9.34	2
				-	10.55			
602	13.93	49.5	-	-	10.34	11	9.32	2
603	13.27	46.3	-	-	9.89	9	9.07	3
604	11.71	41.0	-	-	9.22	11	8.31	3
605	14.78	48.7	-	-	10.93	10	9.94	4
606	11.97	53.8	-	-	8.56	10	7.78	3
607	12.59	56.7	-	-	9.08	13	8.04	4
608	12.83	56.5	-	-	9.18	12	8.20	3
609	13.12	53.4	-	-	9.58	12	8.55	2
610	11.33	47.4	-	-	8.61	12	7.69	3
611	12.71	51.7	-	-	9.30	11	8.38	4
612	12.93	56.3	-	-	9.10	10	8.27	3
613	17.86	53.5	-	-	13.15	13	11.64	4
614	21.12	50.0	-	-	15.77	12	14.08	2
615	24.54	47.7	-	-	18.86	13.5	16.62	2
616	21.95	49.6	-	-	16.14	10	14.67	2
617	12.16	51.1	-	-	8.85	10	8.05	3
618	14.64	52.8	-	-	10.73	12	9.58	2
619	12.07	48.7	-	-	8.93	10	8.12	2
620	10.41	51.9	-	-	7.54	10	6.85	4
621	17.84	48.8	-	-	13.31	11	11.99	2
622	17.73	45.0		-	13.39	9.5	12.23	2
623	15.94	45.6		-	12.04	10	10.95	2
624		46.8	-	-				1
	10.75		-	-	8.02	9.5	7.32	2
625	12.79	45.5	-	-	9.76	11	8.79	
626	12.13	53.2	-	-	8.79	11	7.92	3
627	11.18	40.1	-	-	8.86	11	7.98	3
628	12.91	54.0	-	-	9.64	15	8.38	4
629	20.81	48.1	-	-	15.60	11	14.05	2
630	21.24	44.2	-	-	16.06	9	14.73	2
631	20.48	50.2	-	-	15.00	10	13.64	4
632	18.38	51.5	-	-	13.71	13	12.13	4
633	13.92	48.9	-	-	10.38	11	9.35	2
634	13.22	52.9	-	-	9.77	13	8.65	2
635	13.56	54.8	-	-	9.90	13	8.76	4
636	13.30	55.2	-	-	9.60	12	8.57	3
637	8.81	48.8	-	-	6.57	11	5.92	4
638	8.00	49.5	-	-	5.94	11	5.35	2
639	13.04	49.2	-	-	9.79	12	8.74	2
640	12.73	45.0	-	-	9.66	10	8.78	2
641	11.45	45.9	-	-	8.71	11	7.85	1
642	19.75	57.9	-	-	13.88	11	12.50	2
643	19.23	47.8	-	-	14.57	12	13.01	2
644	17.33	48.9	-	-	12.80	10	11.64	2
645	21.23	49.7	-	-	15.88	12	14.18	2
646	17.85	58.7	-	-	12.82	14	11.25	2
040	18.38	51.6	-	-	13.34	14	12.13	4
617	20.17			-		10	12.13	4
647		63.8	⊢-		14.04			
648		EE A	-	-	13.58 9.35	12	12.13	4
648 649	18.80	55.1			935	13	8.27	2
648 649 650	18.80 13.02	57.4	-	-				
648 649 650 651	18.80 13.02 11.98	57.4 41.8	-	-	9.42	11.5	8.45	3
648 649 650 651 652	18.80 13.02 11.98 13.03	57.4 41.8 53.0	-	-	9.42 9.54	11.5 12	8.45 8.52	3 4
648 649 650 651 652 653	18.80 13.02 11.98 13.03 10.71	57.4 41.8 53.0 50.5			9.42 9.54 8.04	11.5 12 13	8.45 8.52 7.12	3 4 3
648 649 650 651 652 653 654	18.80 13.02 11.98 13.03 10.71 10.72	57.4 41.8 53.0 50.5 44.3	-	-	9.42 9.54 8.04 8.32	11.5 12 13 12	8.45 8.52 7.12 7.43	3 4 3 3
648 649 650 651 652 653	18.80 13.02 11.98 13.03 10.71 10.72 12.79	57.4 41.8 53.0 50.5 44.3 55.8	-	-	9.42 9.54 8.04 8.32 9.03	11.5 12 13 12 10	8.45 8.52 7.12 7.43 8.21	3 4 3 3 3
648 649 650 651 652 653 654	18.80 13.02 11.98 13.03 10.71 10.72	57.4 41.8 53.0 50.5 44.3	-	-	9.42 9.54 8.04 8.32	11.5 12 13 12	8.45 8.52 7.12 7.43	3 4 3 3
648 649 650 651 652 653 654 655	18.80 13.02 11.98 13.03 10.71 10.72 12.79	57.4 41.8 53.0 50.5 44.3 55.8	-	-	9.42 9.54 8.04 8.32 9.03	11.5 12 13 12 10	8.45 8.52 7.12 7.43 8.21	3 4 3 3 3
648 649 650 651 652 653 654 655 656	18.80 13.02 11.98 13.03 10.71 10.72 12.79 18.06	57.4 41.8 53.0 50.5 44.3 55.8 57.3	-	-	9.42 9.54 8.04 8.32 9.03 12.97	11.5 12 13 12 10 13	8.45 8.52 7.12 7.43 8.21 11.48	3 4 3 3 3 3

659 17.93 53.7 - - 12.83 10 11.66 4 660 17.16 44.0 - 12.58 14 11.92 2 661 16.84 52.9 - 15.53 10 11.62 2 663 21.59 24.4.8 - - 15.83 10 14.12 2 666 14.77 48.1 - 10.53 11 9.49 2 666 14.77 44.8 - - 10.53 11 9.49 2 668 12.62 - 8.62 11 7.764 10 7.84 1 669 12.41 47.2 - 8.94 12 7.98 3 671 11.84 49.5 - - 10.67 10.81 4 675 9.30 51.3 - 6.76 10 8.15 4 676 13.49 54.5 <		n							
661 16.84 52.6 . 12.76 14 11.04 4 662 12.55 10 11.60 4 663 21.59 52.9 - 15.53 10 14.12 2 664 23.79 49.0 - - 17.88 12 15.14 2 666 17.77 48.1 - 11.07 11 9.71 11 8.75 1 668 12.62 44.3 - - 8.62 11 7.764 1 7.64 2 1 670 12.13 56.2 - 8.62 11 7.764 1 6.76 1 6.75 1 6.75 1 6.75 1 6.75 1 6.76 10 6.15 4 7 7.75 5.7 - 15.33 10 13.94 2 6.77 1.75 5.7 - 15.33 10 13.94 4 6.77 2.156 <	659	17.93	53.7	-	-	12.83	10	11.66	4
662 16.38 16.4 . 12.76 10 11.60 4 664 23.79 49.0 - - 15.53 10 14.12 2 666 21.92 44.8 - - 16.96 12 15.96 2 666 11.77 48.1 - 11.07 11 9.97 2 666 11.74 44.8 - 10.53 11 9.49 2 668 11.24 47.2 - 8.40 10 7.64 2 670 12.13 56.2 - 8.62 11 7.77 2 1 673 10.57 57.3 - - 7.46 11 6.72 3 3 674 11.74 45.0 - 15.33 10 13.94 2 677 13.49 51.4 - - 12.80 14 11.05 4 680 13.93	660	17.16	44.0	-	-	13.11	10	11.92	2
662 16.38 16.4 . 12.76 10 11.60 4 664 23.79 49.0 - - 15.53 10 14.12 2 666 21.92 44.8 - - 16.96 12 15.96 2 666 11.77 48.1 - 11.07 11 9.97 2 666 11.74 44.8 - 10.53 11 9.49 2 668 11.24 47.2 - 8.40 10 7.64 2 670 12.13 56.2 - 8.62 11 7.77 2 1 673 10.57 57.3 - - 7.46 11 6.72 3 3 674 11.74 45.0 - 15.33 10 13.94 2 677 13.49 51.4 - - 12.80 14 11.05 4 680 13.93	661			-					
663 21.39 52.9 - 15.53 10 14.12 2 664 23.79 49.0 - - 17.88 12 15.96 2 665 21.92 44.8 - 10.69 12 15.14 2 666 14.77 48.1 - - 10.53 11 9.49 2 666 12.62 44.3 - - 10.53 11 7.77 2 670 11.344 49.5 - 8.71 10 7.72 2 671 11.844 49.5 - 8.71 10 7.92 1 672 13.38 51.9 - 9.69 10 8.81 3 675 9.30 51.3 - - 6.76 10 6.15 4 677 15.65 5.7 - 16.82 12 15.02 2 677 17.16 5.4 -<				-	-				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	662	16.98		-	-				
665 21.92 44.8 - - 16.96 12 15.14 2 666 14.77 48.1 - - 11.07 11 9.97 2 668 12.62 44.3 - - 9.71 11 8.75 1 670 12.13 56.2 - 8.40 10 7.64 2 671 11.84 49.5 - - 8.71 10 7.92 1 677 12.13.8 51.9 - - 8.62 11 7.92 1 677 13.05 57.3 - - 7.46 11 6.75 4 676 13.49 51.4 - - 9.89 11 8.91 4 677 21.56 54.7 - - 12.08 12 10.79 2 678 11.77 55.3 - - 12.80 14 11.38 4	663	21.59	52.9	-	-	15.53	10	14.12	2
665 21.92 44.8 - - 16.96 12 15.14 2 666 14.77 48.1 - - 11.07 11 9.97 2 668 12.62 44.3 - - 9.71 11 8.75 1 670 12.13 56.2 - 8.40 10 7.64 2 671 11.84 49.5 - - 8.71 10 7.92 1 677 12.13.8 51.9 - - 8.62 11 7.92 1 677 13.05 57.3 - - 7.46 11 6.75 4 676 13.49 51.4 - - 9.89 11 8.91 4 677 21.56 54.7 - - 12.08 12 10.79 2 678 11.77 55.3 - - 12.80 14 11.38 4	664	23 79	49.0	-	-	17 88	12	15.96	2
$\overline{1666}$ $\overline{14.77}$ $\overline{48.1}$ $ \overline{11.07}$ $\overline{11}$ $\overline{9.49}$ $\overline{2}$ $\overline{668}$ $\overline{12.62}$ 44.8 $ \overline{10.53}$ $\overline{11}$ 9.49 $\overline{2}$ $\overline{668}$ $\overline{12.62}$ 44.8 $ 8.40$ $\overline{10}$ 7.64 $\overline{2}$ $\overline{671}$ $\overline{11.84}$ 49.5 $ 8.62$ 11 7.77 2 $\overline{671}$ $\overline{11.84}$ 49.5 $ 8.69$ 10 8.81 3 $\overline{671}$ $\overline{11.37}$ $\overline{2.73}$ $ 7.46$ 11 6.75 3 3 6 $\overline{71}$ $\overline{72}$ $\overline{33}$ $\overline{33}$ $\overline{33}$ $\overline{33}$ $\overline{33}$ $\overline{31.394}$ $\overline{2677}$ $\overline{11.502}$ $\overline{2}$ $\overline{678}$ $\overline{11.79}$ $\overline{53.3}$ $ 12.601$ $\overline{11.394}$ $\overline{2}$ $\overline{678}$ $\overline{11.79}$ $\overline{53.3}$ $ 11.207$ $\overline{11}$ $\overline{11.57}$ $\overline{11.577}$ $\overline{11.57}$ <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
667 13.74 44.8 - - 10.53 11 9.49 2 668 12.62 44.3 - - 9.71 11 8.75 1 670 12.13 56.2 - - 8.62 11 7.77 2 671 11.84 49.5 - - 8.71 10 7.92 1 672 13.38 51.9 - 9.69 10 8.81 3 673 0.57 57.3 - - 7.46 11 6.75 4 676 13.49 51.4 - - 9.89 11 8.94 2 676 71.71 55.3 - 12.60 14 11.05 4 679 71.71 55.3 - 12.86 11 1.05 4 682 13.23 53.5 - 9.48 10 8.62 1 682 13.39	-		-	-	-				
668 12.62 44.3 $ 9.71$ 11 8.75 1 669 11.24 47.2 $ 8.62$ 11 7.77 2 670 12.13 56.2 $ 8.62$ 11 7.72 2 671 11.34 49.5 $ 9.69$ 10 8.81 3 673 10.57 57.3 $ 7.46$ 11 6.75 3.0 676 13.49 51.4 $ 9.89$ 11 8.91 42 677 21.56 54.7 $ 15.33$ 10 13.94 2 677 17.79 56.4 $ 12.97$ 14 11.38 4 672 17.79 56.4 $ 12.97$ 14 11.38 4 683 13.91 51.7 $ 9.48$ 10 8.62 10	666	14.77	48.1	-	-	11.07	11	9.97	2
669 11.24 47.2 - - 8.40 10 7.64 2 670 11.33 51.9 - - 8.62 11 7.77 2 671 11.84 49.5 - 8.71 10 7.92 1 672 13.38 51.9 - - 9.69 10 8.81 3 673 13.057 57.3 - - 7.46 11 6.75 4 675 9.30 51.3 - 6.76 10 6.15 4 676 17.78 45.0 - 15.33 10 13.94 2 677 17.17 55.3 - 12.60 14 11.05 4 680 16.15 49.7 - 12.06 14 11.38 4 681 17.79 56.4 - 12.87 14 11.38 4 682 13.33 8.51 -<	667	13.74	44.8	-	-	10.53	11	9.49	2
669 11.24 47.2 - - 8.40 10 7.64 2 670 11.33 51.9 - - 8.62 11 7.77 2 671 11.84 49.5 - 8.71 10 7.92 1 672 13.38 51.9 - - 9.69 10 8.81 3 673 13.057 57.3 - - 7.46 11 6.75 4 675 9.30 51.3 - 6.76 10 6.15 4 676 17.78 45.0 - 15.33 10 13.94 2 677 17.17 55.3 - 12.60 14 11.05 4 680 16.15 49.7 - 12.06 14 11.38 4 681 17.79 56.4 - 12.87 14 11.38 4 682 13.33 8.51 -<	668	12.62	44 3			9 71	11	8 75	1
670 12.13 56.2 - - 8.62 11 7.77 2 671 11.84 49.5 - - 8.71 10 7.92 1 672 13.38 51.9 - - 7.46 11 6.72 3 674 13.37 42.4 - - 8.94 12 7.98 3 676 13.49 51.4 - - 8.62 11 8.01 4.677 676 13.49 51.4 - - 15.33 10 13.94 2 677 71.77 55.3 - - 16.82 12 10.79 2 681 17.79 56.4 - - 12.97 14 11.38 4 682 13.23 53.5 - 9.48 10 8.62 4 683 13.38 151.1 - 11.29 12 10.98 2 684 143.34 - -	-								
671 11.84 49.5 - - 8.71 10 7.92 1 673 10.57 57.3 - - 7.46 11 6.72 3 675 9.30 51.3 - - 6.76 10 6.15 4 676 13.49 51.4 - - 9.89 11 8.91 42 677 21.56 54.7 - - 12.08 12 10.502 2 678 21.78 45.0 - - 12.08 12 10.79 2 680 16.15 49.7 - - 12.08 12 10.79 2 681 17.79 56.4 - - 12.97 14 11.38 4 682 13.23 53.5 - 9.48 10 8.62 1 683 13.91 51.1 - 11.29 21 10.68 3 686	-			-	-				
67213.3851.99.69108.813 673 10.5757.37.46116.723 674 11.3742.48.94127.983 675 9.3051.36.76106.154 676 13.4951.49.89118.914 677 21.5654.716.821215.022 678 21.7155.312.801411.054 680 16.1549.712.061411.054 681 17.7956.4.12.971411.384 682 13.2353.59.48108.624 683 13.9151.110.31129.212 684 14.9348.111.291210.082 686 12.5745.99.48108.621 685 11.8047.8.8.86117.683 689 11.3444.08.82127.883 690 13.6957.49.83138.704 691 18.6260.6.12.871111.594 692 18.6653.6.13.73 </td <td>670</td> <td>12.13</td> <td></td> <td>-</td> <td>-</td> <td>8.62</td> <td>11</td> <td>7.77</td> <td>2</td>	670	12.13		-	-	8.62	11	7.77	2
673 10.57 57.3 7.46 11 6.72 3 675 9.30 51.3 6.76 10 6.15 4 676 13.49 51.4 9.89 111 8.91 4 677 21.56 54.7 15.33 10 13.94 2 678 17.71 55.3 12.60 141 11.05 4 680 16.15 49.7 12.08 12 10.79 2 681 17.79 56.4 12.97 14 11.38 4 682 13.23 53.5 9.48 10 8.62 1 683 11.68 47.8 8.51 11 7.67 4 686 12.75 4.9 8.86 11 7.98 3 686 11.76 53.4 8.851 11 11.56 4 <td>671</td> <td>11.84</td> <td>49.5</td> <td>-</td> <td>-</td> <td>8.71</td> <td>10</td> <td>7.92</td> <td>1</td>	671	11.84	49.5	-	-	8.71	10	7.92	1
673 10.57 57.3 7.46 11 6.72 3 675 9.30 51.3 6.76 10 6.15 4 676 13.49 51.4 9.89 111 8.91 4 677 21.56 54.7 15.33 10 13.94 2 678 17.71 55.3 12.60 141 11.05 4 680 16.15 49.7 12.08 12 10.79 2 681 17.79 56.4 12.97 14 11.38 4 682 13.23 53.5 9.48 10 8.62 1 683 11.68 47.8 8.51 11 7.67 4 686 12.75 4.9 8.86 11 7.98 3 686 11.76 53.4 8.851 11 11.56 4 <td>672</td> <td>13 38</td> <td>51 9</td> <td>-</td> <td>-</td> <td>9.69</td> <td>10</td> <td>8 81</td> <td>3</td>	672	13 38	51 9	-	-	9.69	10	8 81	3
674 11.37 42.4 8.94 12 7.98 3 675 9.30 51.3 6.76 10 6.15 4 676 13.49 51.4 9.89 11 8.91 4 677 21.56 54.7 16.82 12 15.02 2 677 17.17 55.3 12.06 14 11.05 4 680 16.15 49.7 12.08 12 10.79 2 681 17.79 56.4 12.97 14 11.38 4 682 13.23 53.5 9.48 10 8.62 4 2 684 14.33 48.1 8.51 11 7.67 4 683 11.62 68.5 8.51 11 7.67 4 683 11.44 10 11.28 11 11.59	-								
675 9.30 51.3 - - 6.76 10 6.15 4 677 21.56 54.7 - 15.33 10 13.94 2 678 21.78 45.0 - - 16.82 12 15.02 2 678 21.78 45.0 - - 12.60 14 11.05 4 680 16.15 49.7 - 12.06 12 10.79 2 681 17.79 56.4 - 12.97 14 11.38 4 683 13.91 51.1 - 10.31 12 9.21 2 685 11.08 47.8 - 8.86 11 7.98 2 686 11.76 53.4 - 8.65 10 7.86 3 690 13.69 57.4 - 9.83 13 8.70 4 692 8.66 53.6 - 13.73 12.15 4 692 1				-	-				
676 13.49 51.4 $ 9.89$ 11 8.91 4 677 21.56 54.7 $ 16.82$ 12 15.02 2 678 21.78 45.0 $ 12.60$ 14 11.05 4 680 16.15 49.7 $ 12.08$ 12 10.79 2 681 17.79 56.4 $ 12.97$ 14 11.38 4 682 13.23 53.5 $ 9.48$ 10 8.62 4 683 13.91 51.1 $ 10.31$ 12 9.21 2 684 14.93 48.1 $ 11.29$ 12 10.08 2 685 11.76 53.4 $ 8.56$ 11 7.86 3 687 11.76 53.4 $ 8.55$ 10 7.86 3 690 13.69 57.4 $ 9.83$ 13 8.70 4 691 18.62 60.6 $ 12.87$ 11 11.59 4 692 18.66 53.6 $ 13.73$ 13 12.15 4 694 18.62 49.2 $ 14.10$ 11.248 4 694 18.62 49.9 $ 13.67$ 14 11.99 4 694 18.62 49.9 $ 13.67$ 14 11.94 3 696 12.06 <td>674</td> <td>11.37</td> <td></td> <td>-</td> <td>-</td> <td>8.94</td> <td>12</td> <td>7.98</td> <td>3</td>	674	11.37		-	-	8.94	12	7.98	3
67721.5654.715.331013.94267821.7845.016.821215.02267917.1755.312.601411.05468016.1549.712.081210.79268117.7956.412.971411.38468213.2353.59.48108.62468313.9151.110.31129.21268414.9348.111.291210.08268511.8047.88.65107.86368612.5745.99.48108.62168711.7653.48.65107.86368811.3444.08.82127.88369013.6957.49.83138.70469118.6260.6-12.871111.59469218.6653.613.731312.15469316.7850.9-12.681411.12469418.6249.214.101312.48469513.6853.7-9.9712	675	9.30	51.3	-	-	6.76	10	6.15	4
67721.5654.715.331013.94267821.7845.016.821215.02267917.1755.312.601411.05468016.1549.712.081210.79268117.7956.412.971411.38468213.2353.59.48108.62468313.9151.110.31129.21268414.9348.111.291210.08268511.8047.88.65107.86368612.5745.99.48108.62168711.7653.48.65107.86368811.3444.08.82127.88369013.6957.49.83138.70469118.6260.6-12.871111.59469218.6653.613.731312.15469316.7850.9-12.681411.12469418.6249.214.101312.48469513.6853.7-9.9712	676	13 49	514	-	-	9.89	11	8 91	4
678 21.78 45.0 $ 16.82$ 12 15.02 2 679 17.17 55.3 $ 12.00$ 14 11.05 4 680 16.15 49.7 $ 12.08$ 12 10.79 2 681 17.79 56.4 $ 12.97$ 14 11.38 4 682 13.23 53.5 $ 9.48$ 10 8.62 4 683 13.91 51.1 $ 10.31$ 12 9.21 2 684 14.93 48.1 $ 11.29$ 12 10.08 2 685 11.60 47.8 $ 8.86$ 11 7.98 2 686 12.57 45.9 $ 9.48$ 10 8.62 1 687 11.76 53.4 $ 8.51$ 11 7.67 4 688 13.49 57.4 $ 9.83$ 13 8.70 4 691 18.62 60.6 $ 12.87$ 111 11.59 4 692 18.66 53.6 $ 13.73$ 13 12.15 4 693 16.76 53.7 $ 9.97$ 12 8.90 3 696 12.66 49.9 $ 9.01$ 12 8.94 4 695 13.68 53.7 $ 9.97$ 12 8.90 3 696 12	_								
67917.1755.312.601411.05468016.1549.712.081210.79268117.7956.412.971411.38468213.2353.59.48108.62468313.9151.110.31129.21268414.9348.111.291210.08268511.8047.88.86117.98268612.5745.99.48108.62168711.7653.48.851117.67468813.6957.49.83138.70469118.6260.612.871111.59469218.6653.613.731312.15469316.7850.914.101312.48469513.6853.7-9.97128.90369612.0649.99.011213.46369612.0649.99.011213.46369718.5854.913.671411.99469319.1342.216.7124.19<	-			-	-				
680 16.15 49.7 - 12.08 12 10.79 2 681 17.79 56.4 - - 12.97 14 11.38 4 682 13.23 53.5 - - 9.48 10 8.62 4 683 14.93 48.1 - - 11.29 12 10.08 2 684 14.93 48.1 - - 9.48 10 8.62 1 685 11.80 47.8 - - 8.86 11 7.98 2 686 12.46 58.5 - - 8.65 10 7.86 3 689 13.69 57.4 - 9.83 13 8.70 4 691 18.62 60.6 - - 12.87 11 11.59 4 692 18.66 53.6 - - 12.68 14 11.12 4	678			-	-			15.02	
680 16.15 49.7 - 12.08 12 10.79 2 681 17.79 56.4 - - 12.97 14 11.38 4 682 13.23 53.5 - - 9.48 10 8.62 4 683 14.93 48.1 - - 11.29 12 10.08 2 684 14.93 48.1 - - 9.48 10 8.62 1 685 11.80 47.8 - - 8.86 11 7.98 2 686 12.46 58.5 - - 8.65 10 7.86 3 689 13.69 57.4 - 9.83 13 8.70 4 691 18.62 60.6 - - 12.87 11 11.59 4 692 18.66 53.6 - - 12.68 14 11.12 4	679	17.17	55.3	-	-	12.60	14	11.05	4
681 17.79 56.4 - 12.97 14 11.38 4 682 13.23 53.5 - - 9.48 10 8.62 4 683 13.91 51.1 - - 10.31 12 9.21 2 684 14.93 48.1 - - 11.29 12 10.08 2 686 12.57 45.9 - - 9.48 10 8.62 1 687 11.76 53.4 - - 8.65 10 7.86 3 689 13.69 57.4 - - 9.83 13 8.70 4 691 18.62 60.6 - - 12.87 11 11.59 4 692 18.68 53.6 - - 13.73 13 12.48 4 693 16.78 50.9 - - 9.01 12 8.90 3	-			-	-		12		2
682 13.23 53.5 $ 9.48$ 10 8.62 4 683 13.91 51.1 $ 10.31$ 12 9.21 2 685 11.80 47.8 $ 8.86$ 11 7.67 4 685 11.80 47.8 $ 8.51$ 11 7.67 4 687 11.76 53.4 $ 8.51$ 11 7.67 4 688 12.46 58.5 $ 8.65$ 10 7.86 3 690 13.69 57.4 $ 9.83$ 13 8.70 4 691 18.62 60.6 $ 12.87$ 11 11.59 4 692 18.62 49.2 $ 14.70$ 13 12.48 4 695 13.68 53.7 $ 9.07$ 12 8.90 3	-			<u> </u>					
68313.9151.110.31129.21268414.9348.111.291210.08268511.8047.88.86117.98268612.5745.99.48108.62168711.7653.48.55107.86368911.3444.08.82127.88369013.6957.4-9.83138.70469118.6260.612.871111.59469218.6653.613.731312.15469316.7850.912.681411.12469418.6249.214.101312.48469513.6853.7-9.97128.90369612.0649.99.07128.04469718.5854.913.671411.99469819.1342.216.7124.1915.071213.46369919.5555.315.9826.9114.481512.59270015.0752.712.2023.6610.9703370414.9255.511.9523.20 <t< td=""><td>-</td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td></t<>	-				-				
684 14.93 48.1 $ 11.29$ 12 10.08 2 685 11.80 47.8 $ 8.86$ 11 7.98 2 686 12.57 45.9 $ 9.48$ 10 8.62 1 687 11.76 53.4 $ 8.65$ 10 7.86 3 688 11.34 44.0 $ 8.82$ 12 7.88 3 690 13.69 57.4 $ 9.83$ 13 8.70 4 691 18.62 60.6 $ 12.87$ 11 11.59 4 692 16.78 50.9 $ 13.73$ 13 12.15 4 693 16.78 50.9 $ 14.10$ 13 12.48 4 694 18.62 49.2 $ 14.10$ 13 12.48 4 695 13.68 53.7 $ 9.97$ 12 8.90 3 696 12.06 49.9 $ 9.01$ 12 8.04 4 695 13.68 54.9 $ 13.67$ 14 11.99 4 698 19.13 42.2 16.71 24.19 15.07 22.7 22.20 23.66 11.05 12.987 3 701 15.77 53.5 12.60 91.2 9.67 3	_	13.23	53.5	-	-			8.62	
684 14.93 48.1 $ 11.29$ 12 10.08 2 685 11.80 47.8 $ 8.86$ 11 7.98 2 686 12.57 45.9 $ 9.48$ 10 8.62 1 687 11.76 53.4 $ 8.51$ 11 7.67 4 688 12.46 58.5 $ 8.65$ 10 7.86 3 690 13.69 57.4 $ 9.83$ 13 8.70 4 691 18.62 60.6 $ 12.87$ 11 11.59 4 692 18.66 53.6 $ 13.73$ 13 12.15 4 693 16.78 50.9 $ 14.10$ 13 12.48 4 694 18.62 49.2 $ 14.10$ 13 12.48 4 695 13.68 53.7 $ 9.97$ 12 8.90 3 696 12.06 49.9 $ 9.01$ 12 8.04 4 697 18.58 54.9 $ 13.67$ 14 11.99 4 698 19.13 42.2 16.71 24.19 15.07 $12.8.90$ 3 701 15.77 52.7 12.20 23.66 11.52 9.28 3 701 15.97 <	683	13.91	51.1	-	-	10.31	12	9.21	2
68511.8047.88.86117.98268612.5745.99.48108.62168711.7653.48.51117.67468812.4658.58.65107.86369013.6957.49.83138.70469118.6260.612.871111.59469218.6653.613.731312.48469418.6249.214.101312.48469418.6249.213.671411.99469513.6853.79.97128.90369612.0649.913.671411.99469718.5854.913.671411.99469819.1342.216.7124.1915.071213.46369919.5555.315.9826.9114.481512.59270015.0752.712.2023.6611.05129.87370115.7753.512.6322.9011.511210.28370414.9255.511.9524.5510.65119.57370514	_	14.93	48 1	-	-	11.29	12	10.08	2
686 12.57 45.9 9.4810 8.62 1 687 11.76 53.4 8.51 11 7.67 4 688 12.46 58.5 8.65 10 7.86 3 690 13.69 57.4 9.83 13 8.70 4 691 18.62 60.6 12.87 11 11.59 4 692 18.66 53.6 13.73 13 12.15 4 694 18.62 49.2 14.10 13 12.48 4 695 13.68 53.7 - 9.97 12 8.90 3 696 12.06 49.9 9.01 12 8.04 4 697 18.58 54.9 13.67 14 11.99 4 698 19.13 42.2 16.71 24.19 15.07 12 13.46 3 700 15.07 52.7 12.20 23.66 11.05 12 9.87 3 701 15.77 53.5 12.63 22.90 11.51 12 10.28 3 704 14.92 55.5 11.95 23.20 10.67 10 9.70 3 704 14.92 55.5 11.95 24.29 10.56 10 9.60 3 704 14.92 55.5				<u> </u>					
68711.76 53.4 8.51 11 7.67 4 688 12.46 58.5 8.65 10 7.86 3 690 13.69 57.4 9.83 13 8.70 4 691 18.62 60.6 12.87 11 11.59 4 692 18.66 53.6 13.73 13 12.15 4 693 16.78 50.9 12.68 14 11.12 4 694 18.62 49.2 14.10 13 12.48 4 695 13.68 53.7 - 9.97 12 8.04 4 696 12.06 49.9 9.01 12 8.04 4 697 18.58 54.9 13.67 14 11.99 4 698 19.13 42.2 16.71 24.19 15.07 12 13.46 3 699 19.55 55.3 15.98 26.91 14.48 15 12.59 2 700 15.07 52.7 12.20 23.60 11.05 12 9.87 3 701 15.77 52.6 11.95 23.20 10.67 10 9.02 3 703 15.99 55.5 11.95 23.20 10.65 11 9.59 3 704 14.92 55.7 13.07 2	_			-	-				
688 12.46 58.5 - - 8.65 10 7.86 3 689 11.34 44.0 - - 8.82 12 7.88 3 690 13.69 57.4 - 9.83 13 8.70 4 691 18.66 53.6 - - 12.87 11 11.59 4 692 18.66 53.6 - - 12.87 11 11.12 4 694 18.62 49.2 - - 14.10 13 12.48 4 695 13.68 53.7 - 9.97 12 8.90 3 696 12.06 49.9 - - 9.01 12 8.44 4 697 18.55 54.9 - - 13.67 14 11.99 4 698 19.13 42.2 16.71 24.16 10 9.02 3 700 <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td></td>				-	-				
68911.3444.08.82127.88369013.6957.49.83138.70469118.6260.612.871111.59469218.6653.613.731312.15469316.7850.912.681411.12469418.6249.214.101312.48469513.6853.79.97128.90369612.0649.99.01128.04469718.5854.913.671411.99469819.5555.315.9826.9114.481512.59270015.0752.712.2023.6611.05129.87370115.7753.512.6322.9010.67109.02370315.9955.611.9523.2010.65119.59370514.9856.011.8022.9210.56109.60370614.3571.710.5526.249.36128.36370714.5852.411.7923.2310.62119.57370614.9457.713.0721.7111.921110.744 <td>687</td> <td>11.76</td> <td>53.4</td> <td>-</td> <td>-</td> <td>8.51</td> <td>11</td> <td>7.67</td> <td></td>	687	11.76	53.4	-	-	8.51	11	7.67	
68911.3444.08.82127.88369013.6957.49.83138.70469118.6260.612.871111.59469218.6653.613.731312.15469316.7850.912.681411.12469418.6249.214.101312.48469513.6853.79.97128.90369612.0649.99.01128.04469718.5854.913.671411.99469819.5555.315.9826.9114.481512.59270015.0752.712.2023.6611.05129.87370115.7753.512.6322.9010.67109.02370315.9955.611.9523.2010.65119.59370514.9856.011.8022.9210.56109.60370614.3571.710.5526.249.36128.36370714.5852.411.7923.2310.62119.57370614.9457.713.0721.7111.921110.744 <td>688</td> <td>12.46</td> <td>58.5</td> <td>-</td> <td>-</td> <td>8.65</td> <td>10</td> <td>7.86</td> <td>3</td>	688	12.46	58.5	-	-	8.65	10	7.86	3
69013.69 57.4 9.83138.70469118.6260.612.8711111.59469218.6653.613.731312.15469316.7850.912.881411.12469418.6249.214.101312.48469513.6853.79.97128.90369612.0649.913.6714411.99469718.5854.913.6714415.97270015.0752.712.2023.6611.05129.87370115.7753.512.6322.9011.511210.28370213.5850.610.8820.659.92109.02370315.0955.511.9523.2010.67109.70370414.9255.511.9523.2010.65119.59370514.9856.011.8022.9210.56109.60370614.3571.710.5526.249.36128.36370714.5852.411.7923.2310.62119.57370816.9457.713.0721.7111.921110.74 <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td></td>				-	-				
69118.6260.612.871111.59469218.6653.613.731312.15469316.7850.912.681411.12469418.6249.214.101312.48469513.6853.79.97128.90369612.0649.99.01128.04469718.5854.913.671411.99469819.1342.216.7124.1915.071213.46369919.5555.315.9826.9114.481512.59270015.0752.712.2023.6611.05129.87370115.7753.512.6322.9011.511210.28370414.9255.511.9524.5510.65119.59370414.9255.511.8022.9210.56109.60370614.3571.710.5526.249.36128.36370714.5852.411.7923.2310.62119.57370816.9457.713.0721.7111.921110.74470918.6148.115.6922.4810.69129.5	-		-						
69218.6653.613.731312.15469316.7850.912.681411.12469418.6249.214.101312.48469513.6853.79.97128.90369612.0649.99.01128.04469718.5854.913.671411.99469819.1342.216.7124.1915.071213.46369919.5555.315.9826.9114.481512.59270015.0752.712.2023.6611.05129.87370115.7753.512.6322.9011.511210.28370315.0955.611.9523.2010.67109.70370414.3255.511.9524.5510.65119.59370514.3850.111.8022.9210.56109.90370614.3571.710.5526.249.36128.36370714.5852.411.7923.2310.62119.57370816.9457.713.0721.7111.921110.74470918.6148.115.4623.0614.0712	-				-				
69316.78 50.9 12.681411.12469418.6249.214.101312.48469513.6853.79.97128.90369612.0649.99.01128.04469718.5854.913.671411.99469819.1342.216.7124.1915.071213.46369919.5555.315.9826.9114.481512.59270015.0752.712.2023.6611.05129.87370115.7753.512.6322.9011.51120.82370315.0955.611.9523.2010.67109.02370414.9255.511.9524.5510.65119.59370514.9856.011.8022.9210.56109.60370614.3571.710.5526.249.36128.36370714.5852.411.7923.2310.62119.57370816.9457.713.0721.7111.921110.74470918.6148.115.4623.0614.071212.56471014.7263.711.0022.359.89 <td< td=""><td></td><td></td><td></td><td>-</td><td>-</td><td></td><td></td><td></td><td></td></td<>				-	-				
69418.62 49.2 14.101312.484 695 13.6853.79.97128.903 696 12.06 49.9 9.01128.044 697 18.58 54.9 13.671411.994 698 19.13 42.2 16.7124.1915.071213.463 699 19.5555.315.9826.9114.481512.59270015.0752.712.2023.6611.05129.87370115.7753.512.6322.9010.67109.02370315.9955.611.9523.2010.67109.70370414.9255.511.9524.2510.65119.59370514.9856.011.8022.9210.56109.60370614.3571.710.5526.249.36128.36370714.5852.411.7923.2310.62119.57370816.9457.713.0721.7111.921110.74470918.6148.115.4623.0614.071212.56471014.7263.711.0022.359.89108.99371115.2359.611.8424	692	18.66	53.6	-	-	13.73	13	12.15	4
69418.62 49.2 14.101312.484 695 13.6853.79.97128.903 696 12.06 49.9 9.01128.044 697 18.58 54.9 13.671411.994 698 19.13 42.2 16.7124.1915.071213.463 699 19.5555.315.9826.9114.481512.59270015.0752.712.2023.6611.05129.87370115.7753.512.6322.9010.67109.02370315.9955.611.9523.2010.67109.70370414.9255.511.9524.2510.65119.59370514.9856.011.8022.9210.56109.60370614.3571.710.5526.249.36128.36370714.5852.411.7923.2310.62119.57370816.9457.713.0721.7111.921110.74470918.6148.115.4623.0614.071212.56471014.7263.711.0022.359.89108.99371115.2359.611.8424	693	16.78	50.9	-	-	12.68	14	11.12	4
69513.6853.7-9.97128.90369612.0649.99.01128.04469718.5854.913.671411.99469819.1342.216.7124.1915.071213.46369919.5555.315.9826.9114.481512.59270015.0752.712.2023.6611.05129.87370115.7753.512.6322.9011.511210.28370213.5850.610.8820.669.92109.02370315.0955.511.9523.2010.67109.70370414.9255.511.9524.2510.65119.59370514.9856.011.8022.9210.56109.60370614.3571.710.5526.249.36128.36370714.5852.411.7923.2310.62119.57370818.6148.115.4623.0614.071212.56471014.7263.711.0022.359.89108.99371115.2359.611.8424.0510.69129.54371319.8651.116.0121.8314.85 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>4</td></t<>									4
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				_	-				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				-	-				
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	696	12.06	49.9	-	-	9.01	12	8.04	4
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	697	18.58	54.9	-	-	13.67	14	11.99	4
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	698	19.13	42.2	16.71	24.19	15.07	12	13.46	3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$									
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$									
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	_								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	701	15.77	53.5	12.63	22.90	11.51			3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	702	13.58	50.6	10.88	20.65	9.92	10	9.02	3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	703	15.09	55.6	11.95	23.20	10.67	10	9.70	3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	_								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	_								5
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				_	22.92	10.50			2
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	706		717						
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	707	11 50				9.36	12	8.36	3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	708	14.50				9.36	12	8.36	3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			52.4	11.79	23.23	9.36 10.62	12 11	8.36 9.57	3 3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	7∩0	16.94	52.4 57.7	11.79 13.07	23.23 21.71	9.36 10.62 11.92	12 11 11	8.36 9.57 10.74	3 3 4
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	_	16.94 18.61	52.4 57.7 48.1	11.79 13.07 15.46	23.23 21.71 23.06	9.36 10.62 11.92 14.07	12 11 11 12	8.36 9.57 10.74 12.56	3 3 4 4
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	710	16.94 18.61 14.72	52.4 57.7 48.1 63.7	11.79 13.07 15.46 11.00	23.23 21.71 23.06 22.35	9.36 10.62 11.92 14.07 9.89	12 11 11 12 10	8.36 9.57 10.74 12.56 8.99	3 3 4 4 3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	710 711	16.94 18.61 14.72 15.23	52.4 57.7 48.1 63.7 59.6	11.79 13.07 15.46 11.00 11.84	23.23 21.71 23.06 22.35 24.05	9.36 10.62 11.92 14.07 9.89 10.69	12 11 11 12 10 12	8.36 9.57 10.74 12.56 8.99 9.54	3 3 4 3 3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	710 711	16.94 18.61 14.72 15.23	52.4 57.7 48.1 63.7 59.6	11.79 13.07 15.46 11.00 11.84	23.23 21.71 23.06 22.35 24.05	9.36 10.62 11.92 14.07 9.89 10.69	12 11 11 12 10 12	8.36 9.57 10.74 12.56 8.99 9.54	3 3 4 3 3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	710 711 712	16.94 18.61 14.72 15.23 14.74	52.4 57.7 48.1 63.7 59.6 54.4	11.79 13.07 15.46 11.00 11.84 11.69	23.23 21.71 23.06 22.35 24.05 22.48	9.36 10.62 11.92 14.07 9.89 10.69 10.69	12 11 11 12 10 12 12	8.36 9.57 10.74 12.56 8.99 9.54 9.54	3 3 4 3 3 3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	710 711 712 713	16.94 18.61 14.72 15.23 14.74 19.86	52.4 57.7 48.1 63.7 59.6 54.4 51.1	11.79 13.07 15.46 11.00 11.84 11.69 16.01	23.23 21.71 23.06 22.35 24.05 22.48 21.83	9.36 10.62 11.92 14.07 9.89 10.69 10.69 14.85	12 11 11 12 10 12 12 12 13	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14	3 3 4 3 3 3 4
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	710 711 712 713 714	16.94 18.61 14.72 15.23 14.74 19.86 12.09	52.4 57.7 48.1 63.7 59.6 54.4 51.1 47.1	11.79 13.07 15.46 11.00 11.84 11.69 16.01 9.86	23.23 21.71 23.06 22.35 24.05 22.48 21.83 19.99	9.36 10.62 11.92 14.07 9.89 10.69 10.69 14.85 9.08	12 11 12 10 12 12 12 13 10.5	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14 8.22	3 3 4 3 3 3 4 1
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	710 711 712 713 714 715	16.94 18.61 14.72 15.23 14.74 19.86 12.09 11.98	52.4 57.7 48.1 63.7 59.6 54.4 51.1 47.1 40.8	11.79 13.07 15.46 11.00 11.84 11.69 16.01 9.86 10.15	23.23 21.71 23.06 22.35 24.05 22.48 21.83 19.99 19.32	9.36 10.62 11.92 14.07 9.89 10.69 10.69 14.85 9.08 9.40	12 11 12 10 12 12 13 10.5 10.5	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14 8.22 8.51	3 3 4 3 3 3 3 4 1 1
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	710 711 712 713 714 715 716	16.94 18.61 14.72 15.23 14.74 19.86 12.09 11.98 11.85	52.4 57.7 48.1 63.7 59.6 54.4 51.1 47.1 40.8 46.5	11.79 13.07 15.46 11.00 11.84 11.69 16.01 9.86 10.15 9.86	23.23 21.71 23.06 22.35 24.05 22.48 21.83 19.99 19.32 21.89	9.36 10.62 11.92 14.07 9.89 10.69 10.69 14.85 9.08 9.40 9.06	12 11 12 10 12 12 13 10.5 10.5 12	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14 8.22 8.51 8.09	3 3 4 3 3 3 4 1 1 1
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	710 711 712 713 714 715 716 717	16.94 18.61 14.72 15.23 14.74 19.86 12.09 11.98 11.85	52.4 57.7 48.1 63.7 59.6 54.4 51.1 47.1 40.8 46.5	11.79 13.07 15.46 11.00 11.84 11.69 16.01 9.86 10.15 9.86	23.23 21.71 23.06 22.35 24.05 22.48 21.83 19.99 19.32 21.89	9.36 10.62 11.92 14.07 9.89 10.69 10.69 14.85 9.08 9.40 9.06	12 11 11 12 10 12 12 13 10.5 10.5 12 11	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14 8.22 8.51 8.09	3 3 4 4 3 3 3 4 1 1 1 1 1
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	710 711 712 713 714 715 716 717	16.94 18.61 14.72 15.23 14.74 19.86 12.09 11.98 11.85 12.23	52.4 57.7 48.1 63.7 59.6 54.4 51.1 47.1 40.8 46.5 42.1	11.79 13.07 15.46 11.00 11.84 11.69 16.01 9.86 10.15 9.86 10.38	23.23 21.71 23.06 22.35 24.05 22.48 21.83 19.99 19.32 21.89 20.65	9.36 10.62 11.92 14.07 9.89 10.69 10.69 14.85 9.08 9.40 9.06 9.55	12 11 11 12 10 12 12 13 10.5 10.5 12 11	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14 8.22 8.51 8.09 8.60	3 3 4 4 3 3 3 4 1 1 1 1 1
721 13.03 39.8 11.12 19.34 10.25 10 9.32 3 722 4.80 35.8 4.32 22.18 3.96 12 3.54 3 723 14.46 67.8 10.59 22.88 9.48 10 8.62 3 724 12.00 55.5 9.46 22.57 8.49 10 7.72 3 726 14.84 58.9 11.71 25.38 10.46 12 9.34 3 726 15.81 51.0 12.59 20.22 11.52 10 10.47 4 727 10.86 39.9 9.42 20.06 8.67 10.5 7.85 1 728 9.10 56.1 7.08 21.47 6.47 11 5.83 4 729 18.88 55.8 14.78 21.98 13.45 11 12.12 2 730 18.62 57.1 14.79 24.79<	710 711 712 713 714 715 716 717 718	16.94 18.61 14.72 15.23 14.74 19.86 12.09 11.98 11.85 12.23 12.44	52.4 57.7 48.1 63.7 59.6 54.4 51.1 47.1 40.8 46.5 42.1 45.8	11.79 13.07 15.46 11.00 11.84 11.69 16.01 9.86 10.15 9.86 10.38 10.51	23.23 21.71 23.06 22.35 24.05 22.48 21.83 19.99 19.32 21.89 20.65 23.20	9.36 10.62 11.92 14.07 9.89 10.69 10.69 14.85 9.08 9.40 9.06 9.55 9.64	12 11 12 10 12 12 13 10.5 10.5 12 11 13	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14 8.22 8.51 8.09 8.60 8.53	3 3 4 4 3 3 3 4 1 1 1 1 1 1
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	710 711 712 713 714 715 716 717 718 719	16.94 18.61 14.72 15.23 14.74 19.86 12.09 11.98 11.85 12.23 12.44 17.89	52.4 57.7 48.1 63.7 59.6 54.4 51.1 47.1 40.8 46.5 42.1 45.8 42.6	11.79 13.07 15.46 11.00 11.84 11.69 16.01 9.86 10.15 9.86 10.38 10.51 15.13	23.23 21.71 23.06 22.35 24.05 22.48 21.83 19.99 19.32 21.89 20.65 23.20 20.63	9.36 10.62 11.92 14.07 9.89 10.69 14.85 9.08 9.40 9.06 9.55 9.64 13.86	12 11 12 10 12 12 13 10.5 10.5 12 11 13 10.5	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14 8.22 8.51 8.09 8.60 8.53 12.54	3 3 4 4 3 3 3 4 1 1 1 1 1 2
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	710 711 712 713 714 715 716 717 718 719 720	16.94 18.61 14.72 15.23 14.74 19.86 12.09 11.98 11.85 12.23 12.44 17.89 19.00	$52.4 \\ 57.7 \\ 48.1 \\ 63.7 \\ 59.6 \\ 54.4 \\ 51.1 \\ 47.1 \\ 40.8 \\ 46.5 \\ 42.1 \\ 45.8 \\ 42.6 \\ 45.4 \\ $	11.79 13.07 15.46 11.00 11.84 11.69 16.01 9.86 10.15 9.86 10.38 10.51 15.13 15.79	23.23 21.71 23.06 22.35 24.05 22.48 21.83 19.99 19.32 21.89 20.65 23.20 20.63 20.87	9.36 10.62 11.92 14.07 9.89 10.69 10.69 14.85 9.08 9.40 9.06 9.55 9.64 13.86 14.37	12 11 12 10 12 12 13 10.5 10.5 12 11 13 10.5 10	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14 8.22 8.51 8.09 8.60 8.53 12.54 13.06	3 3 4 3 3 3 4 1 1 1 1 2 2
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	710 711 712 713 714 715 716 717 718 719 720 721	16.94 18.61 14.72 15.23 14.74 19.86 12.09 11.98 11.85 12.23 12.44 17.89 19.00 13.03	52.4 57.7 48.1 63.7 59.6 54.4 51.1 47.1 40.8 46.5 42.1 45.8 42.6 45.4 39.8	11.79 13.07 15.46 11.00 11.84 11.69 16.01 9.86 10.15 9.86 10.38 10.51 15.13 15.79 11.12	23.23 21.71 23.06 22.35 24.05 22.48 21.83 19.99 19.32 21.89 20.65 23.20 20.63 20.87 19.34	9.36 10.62 11.92 14.07 9.89 10.69 10.69 14.85 9.08 9.40 9.06 9.55 9.64 13.86 14.37 10.25	12 11 11 12 10 12 12 13 10.5 10.5 10.5 11 13 10.5 10 10	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14 8.22 8.51 8.09 8.60 8.53 12.54 13.06 9.32	3 3 4 3 3 4 1 1 1 1 2 2 3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	710 711 712 713 714 715 716 717 718 719 720 721	16.94 18.61 14.72 15.23 14.74 19.86 12.09 11.98 11.85 12.23 12.44 17.89 19.00 13.03	52.4 57.7 48.1 63.7 59.6 54.4 51.1 47.1 40.8 46.5 42.1 45.8 42.6 45.4 39.8	11.79 13.07 15.46 11.00 11.84 11.69 16.01 9.86 10.15 9.86 10.38 10.51 15.13 15.79 11.12	23.23 21.71 23.06 22.35 24.05 22.48 21.83 19.99 19.32 21.89 20.65 23.20 20.63 20.87 19.34 22.18	9.36 10.62 11.92 14.07 9.89 10.69 10.69 14.85 9.08 9.40 9.06 9.55 9.64 13.86 14.37 10.25	12 11 11 12 10 12 12 13 10.5 10.5 10.5 11 13 10.5 10 10	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14 8.22 8.51 8.09 8.60 8.53 12.54 13.06 9.32	3 3 4 3 3 4 1 1 1 1 2 2 3
725 14.84 58.9 11.71 25.38 10.46 12 9.34 3 726 15.81 51.0 12.59 20.22 11.52 10 10.47 4 727 10.98 39.9 9.42 20.06 8.67 10.5 7.85 1 728 9.10 56.1 7.08 21.47 6.47 11 5.83 4 729 18.88 55.8 14.78 21.98 13.45 11 12.12 2 730 18.62 57.1 14.79 24.79 12.80 8 11.85 2	710 711 712 713 714 715 716 717 718 719 720 721 722	16.94 18.61 14.72 15.23 14.74 19.86 12.09 11.98 11.85 12.23 12.44 17.89 19.00 13.03 4.80	52.4 57.7 48.1 63.7 59.6 54.4 51.1 47.1 40.8 46.5 42.1 45.8 42.6 45.4 39.8 35.8	11.79 13.07 15.46 11.00 11.84 11.69 16.01 9.86 10.15 9.86 10.38 10.51 15.13 15.79 11.12 4.32	23.23 21.71 23.06 22.35 24.05 22.48 21.83 19.99 19.32 21.89 20.65 23.20 20.63 20.87 19.34 22.18	9.36 10.62 11.92 14.07 9.89 10.69 10.69 14.85 9.08 9.40 9.06 9.55 9.64 13.86 14.37 10.25 3.96	12 11 11 12 12 13 10.5 10.5 12 11 13 10.5 10 10 10 12	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14 8.22 8.51 8.09 8.60 8.53 12.54 13.06 9.32 3.54	3 3 4 3 3 3 4 1 1 1 1 1 2 2 3 3
726 15.81 51.0 12.59 20.22 11.52 10 10.47 4 727 10.98 39.9 9.42 20.06 8.67 10.5 7.85 1 728 9.10 56.1 7.08 21.47 6.47 11 5.83 4 729 18.88 55.8 14.78 21.98 13.45 11 12.12 2 730 18.62 57.1 14.79 24.79 12.80 8 11.85 2	710 711 712 713 714 715 716 717 718 719 720 721 722 723	16.94 18.61 14.72 15.23 14.74 19.86 12.09 11.98 11.85 12.23 12.44 17.89 19.00 13.03 4.80 14.46	52.4 57.7 48.1 63.7 59.6 54.4 51.1 47.1 40.8 46.5 42.1 45.8 42.6 45.4 39.8 35.8 67.8	$\begin{array}{c} 11.79\\ 13.07\\ 15.46\\ 11.00\\ 11.84\\ 11.69\\ 10.15\\ 9.86\\ 10.15\\ 9.86\\ 10.51\\ 15.13\\ 15.79\\ 11.12\\ 4.32\\ 10.59\\ \end{array}$	23.23 21.71 23.06 22.35 24.05 22.48 21.83 19.99 19.32 21.89 20.65 23.20 20.63 20.63 20.87 19.34 22.18 22.88	9.36 10.62 11.92 14.07 9.89 10.69 10.69 10.69 9.40 9.06 9.55 9.64 13.86 14.37 10.25 3.96 9.48	12 11 12 10 12 12 13 10.5 10.5 12 11 13 10.5 10 10 10 12 10	8.36 9.57 10.74 12.56 8.99 9.54 13.14 8.22 8.51 8.09 8.60 8.60 8.53 12.54 13.06 9.32 3.54 8.62	3 3 4 3 3 3 4 1 1 1 1 1 2 2 3 3 3 3
727 10.98 39.9 9.42 20.06 8.67 10.5 7.85 1 728 9.10 56.1 7.08 21.47 6.47 11 5.83 4 729 18.88 55.8 14.78 21.98 13.45 11 12.12 2 730 18.62 57.1 14.79 24.79 12.80 8 11.85 2	710 711 712 713 714 715 716 717 718 719 720 721 722 723 724	16.94 18.61 14.72 15.23 14.74 19.86 12.09 11.98 11.85 12.23 12.24 17.89 19.00 13.03 4.80 14.46	$\begin{array}{c} 52.4\\ 57.7\\ 48.1\\ 63.7\\ 59.6\\ 54.4\\ 51.1\\ 47.1\\ 40.8\\ 46.5\\ 42.6\\ 42.6\\ 45.4\\ 39.8\\ 35.8\\ 67.8\\ 55.5\\ \end{array}$	11.79 13.07 15.46 11.00 11.84 11.69 16.01 9.86 10.15 9.86 10.35 10.51 15.13 15.79 11.12 4.32 10.59 9.46	23.23 21.71 23.06 22.35 24.05 22.48 21.83 19.99 19.32 21.89 20.65 23.20 20.63 20.63 20.87 19.34 22.18 22.88 22.57	9.36 10.62 11.92 14.07 9.89 10.69 10.69 14.85 9.08 9.40 9.06 9.55 9.64 13.86 14.37 10.25 3.96 9.48 8.49	12 11 12 12 12 13 10.5 10.5 12 11 13 10.5 10 10 10 10 10 10 10	8.36 9.57 10.74 12.56 8.99 9.54 13.14 8.22 8.51 8.09 8.60 8.53 12.54 13.06 9.32 3.54 8.62 7.72	3 3 4 3 3 3 4 1 1 1 1 1 2 2 3 3 3 3 3
728 9.10 56.1 7.08 21.47 6.47 11 5.83 4 729 18.88 55.8 14.78 21.98 13.45 11 12.12 2 730 18.62 57.1 14.79 24.79 12.80 8 11.85 2	710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725	$\begin{array}{c} 16.94\\ 18.61\\ 14.72\\ 15.23\\ 14.74\\ 19.86\\ 12.09\\ 11.98\\ 11.85\\ 12.23\\ 12.44\\ 17.89\\ 19.00\\ 13.03\\ 4.80\\ 13.03\\ 4.80\\ 14.46\\ 12.00\\ 14.84\\ \end{array}$	$\begin{array}{c} 52.4\\ 57.7\\ 48.1\\ 63.7\\ 59.6\\ 54.4\\ 51.1\\ 40.8\\ 46.5\\ 42.1\\ 45.8\\ 42.6\\ 45.4\\ 39.8\\ 35.8\\ 35.8\\ 55.5\\ 58.9\\ \end{array}$	$\begin{array}{c} 11.79\\ 13.07\\ 15.46\\ 11.00\\ 11.84\\ 11.69\\ 16.01\\ 9.86\\ 10.15\\ 9.86\\ 10.15\\ 9.86\\ 10.51\\ 15.13\\ 15.79\\ 11.12\\ 4.32\\ 10.59\\ 9.46\\ 11.71\\ \end{array}$	23.23 21.71 23.06 22.35 24.05 22.48 21.83 19.99 19.32 21.89 20.65 23.20 20.63 20.87 19.34 22.88 22.57 25.38	$\begin{array}{r} 9.36\\ 10.62\\ 11.92\\ 14.07\\ 9.89\\ 10.69\\ 10.69\\ 14.85\\ 9.08\\ 9.40\\ 9.06\\ 9.55\\ 9.64\\ 13.86\\ 14.37\\ 10.25\\ 3.96\\ 9.48\\ 9.49\\ 10.46\\ \end{array}$	12 11 11 12 12 12 13 10.5 10.5 12 11 13 10.5 10 10 10 10 10 10 12	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14 8.22 8.51 8.60 8.53 12.54 13.06 9.32 3.54 13.06 9.32 3.54 13.06 9.32 3.54 13.06 9.32 3.54 9.32	3 3 4 3 3 4 1 1 1 1 1 2 2 3 3 3 3 3 3 3 3
729 18.88 55.8 14.78 21.98 13.45 11 12.12 2 730 18.62 57.1 14.79 24.79 12.80 8 11.85 2	710 711 712 713 714 715 716 717 717 718 719 720 721 722 723 724 725 726	16.94 18.61 14.72 15.23 14.74 19.86 12.09 11.98 11.85 12.23 12.44 17.89 19.00 13.03 4.80 14.46 12.00 14.84 15.81	$\begin{array}{c} 52.4\\ 57.7\\ 48.1\\ 63.7\\ 59.6\\ 54.4\\ 51.1\\ 47.1\\ 47.1\\ 40.8\\ 46.5\\ 42.1\\ 45.8\\ 42.6\\ 45.4\\ 39.8\\ 35.8\\ 67.8\\ 55.5\\ 58.9\\ 51.0\\ \end{array}$	$\begin{array}{c} 11.79\\ 13.07\\ 15.46\\ 11.00\\ 11.84\\ 11.69\\ 16.01\\ 9.86\\ 10.15\\ 9.86\\ 10.15\\ 9.86\\ 10.38\\ 10.51\\ 15.13\\ 15.79\\ 11.12\\ 4.32\\ 10.59\\ 9.46\\ 11.71\\ 12.59\\ \end{array}$	23.23 21.71 23.06 22.35 24.05 22.48 21.83 19.99 19.32 21.89 20.65 23.20 20.63 20.87 19.34 22.88 22.87 22.88 22.57 25.38 20.22	$\begin{array}{r} 9.36\\ 10.62\\ 11.92\\ 14.07\\ 9.89\\ 10.69\\ 10.69\\ 14.85\\ 9.08\\ 9.40\\ 9.06\\ 9.55\\ 9.64\\ 13.86\\ 14.37\\ 10.25\\ 3.96\\ 9.48\\ 8.49\\ 10.46\\ 11.52\\ \end{array}$	12 11 11 12 10 12 12 13 10.5 10.5 12 11 13 10.5 10 10 10 12 10 10 12 10	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14 8.22 8.51 8.09 8.60 8.53 12.54 8.60 9.32 3.54 8.62 7.72 9.34 10.47	3 3 4 3 3 3 4 1 1 1 1 1 2 2 3 3 3 3 3 3 4
729 18.88 55.8 14.78 21.98 13.45 11 12.12 2 730 18.62 57.1 14.79 24.79 12.80 8 11.85 2	710 711 712 713 714 715 716 717 717 718 719 720 721 722 723 724 725 726	16.94 18.61 14.72 15.23 14.74 19.86 12.09 11.98 11.85 12.23 12.44 17.89 19.00 13.03 4.80 14.46 12.00 14.84 15.81	$\begin{array}{c} 52.4\\ 57.7\\ 48.1\\ 63.7\\ 59.6\\ 54.4\\ 51.1\\ 47.1\\ 47.1\\ 40.8\\ 46.5\\ 42.1\\ 45.8\\ 42.6\\ 45.4\\ 39.8\\ 35.8\\ 67.8\\ 55.5\\ 58.9\\ 51.0\\ \end{array}$	$\begin{array}{c} 11.79\\ 13.07\\ 15.46\\ 11.00\\ 11.84\\ 11.69\\ 16.01\\ 9.86\\ 10.15\\ 9.86\\ 10.15\\ 9.86\\ 10.38\\ 10.51\\ 15.13\\ 15.79\\ 11.12\\ 4.32\\ 10.59\\ 9.46\\ 11.71\\ 12.59\\ \end{array}$	23.23 21.71 23.06 22.35 24.05 22.48 21.83 19.99 19.32 21.89 20.65 23.20 20.63 20.87 19.34 22.88 22.87 22.88 22.57 25.38 20.22	$\begin{array}{r} 9.36\\ 10.62\\ 11.92\\ 14.07\\ 9.89\\ 10.69\\ 10.69\\ 14.85\\ 9.08\\ 9.40\\ 9.06\\ 9.55\\ 9.64\\ 13.86\\ 14.37\\ 10.25\\ 3.96\\ 9.48\\ 8.49\\ 10.46\\ 11.52\\ \end{array}$	12 11 11 12 10 12 12 13 10.5 10.5 12 11 13 10.5 10 10 10 12 10 10 12 10	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14 8.22 8.51 8.09 8.60 8.53 12.54 8.60 9.32 3.54 8.62 7.72 9.34 10.47	3 3 4 3 3 3 4 1 1 1 1 1 2 2 3 3 3 3 3 3 4
730 18.62 57.1 14.79 24.79 12.80 8 11.85 2	710 711 712 713 714 715 716 717 718 717 720 721 720 721 722 723 724 725 726 727	$\begin{array}{c} 16.94\\ 18.61\\ 14.72\\ 15.23\\ 14.74\\ 19.86\\ 12.09\\ 11.98\\ 11.85\\ 12.23\\ 12.44\\ 17.89\\ 19.00\\ 13.03\\ 4.80\\ 14.46\\ 12.00\\ 14.84\\ 15.81\\ 10.98\\ \end{array}$	$\begin{array}{c} 52.4\\ 57.7\\ 48.1\\ 63.7\\ 59.6\\ 54.4\\ 51.1\\ 47.1\\ 40.8\\ 46.5\\ 42.1\\ 45.4\\ 45.4\\ 39.8\\ 35.8\\ 67.8\\ 55.5\\ 58.9\\ 51.0\\ 39.9\end{array}$	11.79 13.07 15.46 11.00 11.84 11.69 16.01 9.86 10.15 9.86 10.15 9.86 10.51 15.13 15.79 11.12 4.32 10.59 9.46 11.71 12.59 9.42	23.23 21.71 23.06 22.35 24.05 22.48 21.83 19.99 19.32 21.89 20.65 23.20 20.63 20.87 19.34 22.18 22.88 22.57 82 22.538 20.22 20.06	$\begin{array}{r} 9.36\\ 10.62\\ 11.92\\ 14.07\\ 9.89\\ 10.69\\ 10.69\\ 10.69\\ 14.85\\ 9.00\\ 9.06\\ 9.55\\ 9.64\\ 13.86\\ 14.37\\ 10.25\\ 3.96\\ 9.48\\ 8.49\\ 10.46\\ 11.52\\ 8.67\\ \end{array}$	12 11 11 12 10 12 12 13 10.5 10.5 12 11 13 10.5 10 10 10 12 10 10 12 10 10.5	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14 8.22 8.51 8.09 8.60 8.53 12.54 13.06 9.32 3.54 8.62 7.72 9.34 10.47 7.85	3 3 4 3 3 3 4 1 1 1 1 1 1 2 2 3 3 3 3 3 3 3 4 1
	710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728	16.94 18.61 14.72 15.23 14.74 19.86 12.09 11.98 11.85 12.23 12.44 17.89 19.00 13.03 4.80 14.46 12.00 14.84 15.81 10.98 9.10	52.4 57.7 48.1 63.7 59.6 54.4 55.4 45.4 47.1 47.1 40.8 46.5 42.1 45.4 45.4 39.8 35.8 67.8 55.5 58.9 51.0 39.9 56.1	$\begin{array}{c} 11.79\\ 13.07\\ 15.46\\ 11.00\\ 11.84\\ 11.69\\ 16.01\\ 9.86\\ 10.15\\ 9.86\\ 10.38\\ 10.51\\ 15.13\\ 15.79\\ 11.5\\ 15.79\\ 11.5\\ 10.59\\ 9.46\\ 11.71\\ 12.59\\ 9.42\\ 7.08\\ \end{array}$	23.23 21.71 23.06 22.35 24.05 22.48 21.83 19.99 19.32 21.89 20.65 23.20 20.63 20.63 20.63 20.63 20.63 20.63 20.63 20.63 20.63 20.63 20.65 23.20 20.63 20.65 23.20 20.65	9.36 10.62 11.92 14.07 9.89 10.69 10.69 14.85 9.08 9.40 9.06 9.55 9.64 13.86 14.37 10.25 3.96 9.48 8.49 10.45 11.52 3.96 9.48 8.49 10.52 5.396 9.48 8.49 10.62 1.00 9.48 9.48 9.48 9.40 9.48 9.48 9.48 9.40 9.48 9.48 9.48 9.48 9.49 10.69 9.55 9.64 11.02 9.55 9.64 11.02 9.69 9.64 11.02 9.69 9.64 11.02 9.69 9.64 11.02 9.69 9.64 11.02 9.69 9.64 11.02 9.69 9.64 11.02 9.69 9.64 11.02 9.69 9.64 11.02 9.69 9.64 11.02 9.69 9.64 11.02 9.69 9.64 11.02 9.69 9.64 11.02 9.69 9.64 11.02 9.69 9.64 11.02 9.69 9.64 11.02 9.69 9.55 9.64 11.02 9.48 9.40 9.48 9.40 9.48 9.40 9.55 9.64 11.02 9.48 9.40 9.48 9.40 9.48 9.40 9.48 9.40 9.48 9.40 9.48 9.40 9.48 9.40 9.48 9.40 9.48 9.48 9.40 9.48 9.48 9.40 9.48 9.48 9.48 9.48 9.40 9.48 9.48 9.48 9.48 9.48 9.48 9.40 9.48 9.48 9.48 9.48 9.48 9.48 9.48 9.48	12 11 11 12 12 13 10.5 10.5 12 11 13 10.5 10 10 10 12 10 10 10 10 10.5 11	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14 8.22 8.51 8.09 8.60 8.53 12.54 13.06 9.32 3.54 8.62 7.72 9.34 10.47 7.85 5.83	3 3 4 3 3 3 3 4 1 1 1 1 2 3 3 3 3 3 3 4 1 1 1 1 1 2 3 3 4 1
731 15.92 60.7 12.15 22.61 10.90 10 9.91 3	710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729	16.94 18.61 14.72 15.23 14.74 19.86 12.09 11.98 11.98 12.23 12.44 17.89 19.00 13.03 4.80 14.46 12.00 14.84 15.81 10.98 9.10 18.88	52.4 57.7 48.1 63.7 59.6 59.6 59.6 59.6 54.4 47.1 40.8 46.5 42.1 45.8 42.6 45.4 42.4 45.8 42.6 45.4 45.8 42.6 45.5 55.5 55.5 56.1 55.5 56.1 55.8 9 55.5	11.79 13.07 15.46 11.00 11.84 11.69 16.01 9.86 10.15 9.86 10.38 10.51 15.79 11.12 10.59 9.46 11.71 12.59 9.46 11.71 12.59 9.42 7.08 14.78	23.23 21.71 23.06 22.35 22.48 21.83 19.99 19.32 21.89 20.65 23.20 20.63 20.87 20.63 20.87 20.63 20.87 22.18 22.18 22.18 22.28 20.25 22.57 25.38 20.22 20.06 20.26 20.26 20.27 21.98	$\begin{array}{r} 9.36\\ 10.62\\ 11.92\\ 14.07\\ 9.89\\ 10.69\\ 10.69\\ 14.85\\ 9.08\\ 9.40\\ 9.06\\ 9.55\\ 9.64\\ 13.86\\ 14.37\\ 10.25\\ 3.96\\ 9.48\\ 8.49\\ 10.46\\ 11.52\\ 8.67\\ 6.47\\ 13.45\\ \end{array}$	12 11 11 12 12 12 13 10.5 10.5 12 11 13 10.5 10 10 10 12 10 10 10 5 11 11 11	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14 8.22 8.51 8.09 8.60 8.53 12.54 13.06 9.32 3.54 8.62 7.72 9.34 10.47 7.85 5.83 12.12	$\begin{array}{c} 3\\ 3\\ 4\\ 4\\ 3\\ 3\\ 3\\ 3\\ 4\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 2\\ 2\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 4\\ 4\\ 1\\ 1\\ 4\\ 2\\ \end{array}$
	710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 724 725 726 727 728 729 730	$\begin{array}{r} 16.94\\ 18.61\\ 14.72\\ 15.23\\ 14.74\\ 19.86\\ 12.09\\ 11.98\\ 11.85\\ 12.23\\ 12.44\\ 17.89\\ 19.00\\ 13.03\\ 4.80\\ 14.46\\ 12.00\\ 14.84\\ 15.81\\ 10.98\\ 9.10\\ 18.88\\ 18.62\\ \end{array}$	52.4 57.7 48.1 63.7 59.6 59.6 59.6 59.6 59.6 59.6 4 51.1 47.1 40.8 46.5 42.1 45.8 42.6 42.1 45.8 42.6 45.4 42.1 45.8 55.5 55.8 55.5 56.1 55.8 55.7 1	11.79 13.07 15.46 11.00 11.84 11.69 16.01 9.86 10.15 9.86 10.38 10.51 15.13 15.79 9.46 11.71 12.59 9.46 11.71 12.59 9.46 11.71 12.59 9.46 11.70 12.59 9.46 11.70 12.59 9.46 11.70 12.59 9.46 11.70 12.59 12.59 14.78 14.78 14.78	23.23 21.71 23.06 22.35 22.48 21.83 19.99 19.32 21.89 20.65 23.20 20.63 20.63 20.87 22.88 20.63 20.87 22.88 22.57 25.38 20.22 20.06 21.47 21.98 20.47 9 21.47 21.47 21.48 21.47 21.4	$\begin{array}{r} 9.36\\ 10.62\\ 11.92\\ 14.07\\ 9.89\\ 10.69\\ 10.69\\ 14.85\\ 9.08\\ 9.40\\ 9.06\\ 9.55\\ 9.64\\ 13.86\\ 14.37\\ 10.25\\ 3.96\\ 9.49\\ 10.46\\ 11.52\\ 8.67\\ 6.47\\ 13.45\\ 12.80\\ \end{array}$	12 11 11 12 10 12 13 10.5 12 11 13 10.5 12 11 10 5 10 10 10 12 10 10 12 10 10 5 11 11 8	8.36 9.57 10.74 12.56 8.99 9.54 9.54 13.14 8.22 8.51 8.09 8.60 8.53 12.54 13.06 9.32 3.54 8.60 9.32 3.54 12.54 13.06 9.32 3.54 12.54 13.06 9.32 3.54 12.54 13.06 9.32 12.54 13.06 9.32 12.54 13.54 13.54 13.54 13.55 12.55 13.54 13.54 13.55 12.55 13.55 12.55 13.55 12.55 13.55 12.55 13.55 14.55 15.55 13.55 14.55 14.55 14.55 14.55 15.	3 3 4 3 3 4 1 1 1 2 3 3 3 3 3 3 3 3 3 3 3 4 1 1 2 3 3 4 4 2 2 2

											_						
732	8.94	57.8	6.89	21.62	6.26	10.5	5.67	3	805	10.61	49.3	8.72	22.69	7.96	12	7.11	1
733	13.39	52.0	10.53	19.54	9.69	10	8.81	2	806	10.85	50.4	8.91	23.50	8.08	12	7.21	1
734	18.07	51.3	14.50	21.38	13.26	11	11.95	4	807	11.38	47.1	9.36	20.99	8.51	10	7.74	1
735	12.64	48.4	10.46	22.80	9.54	12	8.52	1	808	12.31	68.7	9.13	25.11	8.10	11	7.30	4
736	10.31	55.4	8.02	20.85	7.30	10	6.64	4	809	13.69	63.5	10.59	26.50	9.46	13	8.37	4
737	9.35	54.9	7.39	22.43	6.67	10.5	6.04	4	810	14.01	62.5	10.90	26.46	9.74	13	8.62	4
738	18.36	49.0	14.91	21.04	13.55	10	12.32	2	811	10.94	51.0	8.80	21.46	7.97	10	7.25	1
739	14.93	57.4	11.69	23.26	10.48	10.5	9.48	3	812	11.56	47.7	9.54	21.86	8.69	11	7.83	1
740	15.56	54.8	12.30	22.34	11.11	10.5	10.05	3	813	10.85	74.7	7.67	23.53	6.83	10	6.21	4
741	9.70	60.5	7.51	24.23	6.71	11	6.05	4	814	12.85	65.8	9.78	26.19	8.68	12	7.75	4
742	15.85	52.4	12.48	20.00	11.44	10	10.40	4	815	13.57	61.5	10.44		9.41	12	8.40	4
743	12.16	45.3	10.21	22.04	9.37	12	8.37	1	816	12.86	55.0	10.02	20.74	9.17	10.5	8.30	4
744	12.76	43.5	10.77	21.11	9.96	12	8.89	1	817	11.09	49.1	8.91	19.82	8.18	10	7.44	1
745	20.02	49.5	16.35	22.13	14.86	11	13.39	2	818	19.85	51.2	15.75	20.00	14.70	12	13.13	1
745	19.98	49.5 59.3	15.55	24.00	14.00	13	12.54	2	819	18.23	51.2	14.69	20.00	13.44	12	12.00	2
740																	
	19.13	49.9	15.57	21.97	14.17	11	12.77	2	820	21.46	58.3	16.53		15.18	12	13.55	2
748	17.32	53.0	13.57	19.90	12.45	10	11.32	4	821	20.58	60.4	16.09	25.39	14.50	13	12.83	2
749	14.99	60.7	11.59	24.22	10.45	12	9.33	3	822	11.38	44.2	9.55	21.01	8.76	11	7.89	2
750	15.67	51.9	12.59	22.02	11.35	10	10.32	3	823	12.20	43.2	10.26		9.37	10	8.52	2
751	19.10	52.8	15.46	23.68	14.00	12	12.50	2	824	19.81	54.9	15.68		14.32	12	12.79	2
752	17.07	52.6	13.54	21.05	12.36	10.5	11.19	4	825	11.95	41.5	10.14		9.29	10	8.45	2
753	17.69	50.8	14.19	21.00	12.90	10	11.73	4	826	12.05	50.3	9.88	23.22	8.98	12	8.02	2
754	9.13	59.9	6.93	21.39	6.28	10	5.71	4	827	11.55	48.3	9.60	23.27	8.80	13	7.79	2
755	9.96	52.1	8.04	22.76	7.27	11	6.55	4	828	11.88	40.0	10.47	23.37	9.59	13	8.49	2
756	11.32	63.1	8.65	24.61	7.74	11.5	6.94	3	829	9.71	50.0	7.73	19.42	7.12	10	6.47	4
757	14.64	60.1	11.20	22.47	10.06	10	9.15	3	830	19.22	52.1	15.31	21.19	13.96	10.5	12.63	1
758	9.22	58.5	7.08	21.69	6.40	10	5.82	4	831	20.68	54.3	16.50		15.01	12	13.40	1
759	16.24	47.5	13.21	19.99	12.11	10	11.01	2	832	21.22	46.1	17.61	21.26	16.12	11	14.52	1
760	14.72	59.7	11.31	22.69	10.14	10	9.22	3	833	20.90	43.3	17.38	19.19	16.04	10	14.58	1
761	15.00	54.7	12.04	24.15	10.91	12.5	9.70	3	834	16.09	64.7	12.15	24.36	11.04	13	9.77	2
762	13.40	52.9	10.51	19.93	9.64	10	8.76	4	835	20.35	43.7	16.94	19.60	15.58	10	14.16	1
763	12.73	44.5	10.63	20.62	9.87	12	8.81	3	836	22.99	45.5	19.17	21.30	17.70	12	15.80	1
764	16.31	48.2	13.04	18.45	12.22	11	11.01	2	837	9.66	49.7	7.78	20.54	7.10	10	6.45	1
765	17.96	43.5	14.99	19.75	13.77	10	12.52	2	838	9.88	47.1	8.09	20.42	7.39	10	6.72	1
766	9.31	59.2	7.27	24.28	6.61	13	5.85	4	839	12.70	57.7	10.00		9.02	12	8.05	4
	9.42	53.7	7.39	24.20				4			64.8			8.75		7.95	4
767			-	20.61	6.74	10	6.13	4	840	13.11		9.85	23.83 27.53		10 14		4
768 769	17.58 20.04	49.7 46.4	14.37	20.59	13.09	<u>11.5</u> 10	11.74	2	841 842	13.38 12.60	63.1 68.0	10.46 9.27		9.35 8.25	10	8.20 7.50	4
	20.04		16.51		15.06		13.69	2					23.60				
770	17.55	49.7	17.70 14.22	24.54	16.06	13	14.21		843	10.59	51.7	8.56 6.19	22.60	7.75	11	6.98	1
771		49.9		21.44	12.88	10	11.71	2	844	8.04	60.5		23.58	5.56	<u>11</u> 11	5.01	2
772	19.89	49.7	16.55	24.59	15.01	13	13.28	2	845	19.43	58.4	15.04		13.62		12.27	2
773	11.00	49.9	8.82	20.22	8.07	10	7.34	1	846	10.85	48.3	8.95	22.35	8.12	11	7.32	2
774	10.64	51.7	8.53	21.62	7.75	10.5	7.01	1	847	19.88	48.4	16.12	20.30	14.74	10	13.40	1
775	11.15	45.6	9.26	20.95	8.46	10.5	7.66	1	848	19.00	60.9	14.84	25.69	13.46	14	11.81	2
776	10.61	50.2	8.55	21.04	7.77	10	7.06	1	849	13.29	65.6	9.92	23.58	8.83	10	8.03	4
777	12.17	66.7	8.96	22.74	8.03	10	7.30	4	850	14.65	63.1	11.56	28.69	10.33	15	8.98	4
778	16.98	44.3	14.07	19.61	12.94	10	11.76	1	851	18.10	47.7	14.74	_	13.48	10	12.25	1
779	13.33	54.0	10.36	19.71	9.52	10	8.65	4	852	12.45	63.2	9.38	22.93	8.47	11	7.63	4
780	10.37	46.4	8.54	20.59	7.79	10	7.08	1	853	20.13	45.9	_	21.42	15.45	12	13.79	3
781	12.79	69.3	9.17	21.38	8.31	10	7.55	4	854	20.23	48.1	16.70	22.25	15.30	12	13.66	1
782	12.38	70.2	8.83	21.41	8.00	10	7.27	4	855	18.19	42.0	15.50	20.99	14.22	11	12.81	1
783	13.37	64.3	10.08	23.91	9.03	11	8.14	4	856	14.28	63.0	11.04	26.04	9.81	12	8.76	4
784	10.87	45.6	8.88	18.98	8.21	10	7.46	1	857	11.30	49.6	9.28	22.86	8.46	12	7.55	1
785	9.07	41.4		20.67		11	6.41	1	858	13.30	64.9		24.01	8.87	10	8.06	4
	19.22	53.8		20.64		10	12.50	1	859	13.55			27.64		14	8.21	4
_	19.83	45.3		22.77	15.29	12	13.65	1	860	13.26			25.12	9.39	12	8.38	4
	20.99	44.0		22.79		12.5	14.58	1	861	10.55			21.22	7.55	10	6.86	1
	13.05	65.5		26.84		12	7.88	4	862	11.80			20.73		10	8.11	2
	13.82	61.1		25.75		12	8.58	4	863	11.36		9.22			11	7.60	2
	21.42	50.5		23.31		12	14.23	1	864	10.21	49.0		19.34		10	6.85	2
	20.45	48.3		22.95	15.44	12	13.79	1	865	11.46			20.82	8.46	10.5	7.66	2
	19.89	45.9		21.76		12	13.63	1	866	20.88			23.43		13	13.61	2
135	9.82	47.6	8.00	20.22	7.32	10	6.65	1	867	20.88	58.0		23.43		13	13.17	2
701		51.2	-					1					_		12	14.78	4
794	-		8.73	21.65	7.93 7.91	10.5	7.18		868	21.00			20.39				
795	10.85		0 67		. / 41	11	7.13	1	871	9.08	50.9	7.21	_	6.62	10	6.02 6.24	4
795 796	10.85 10.62	49.0	8.67	21.66		40		4	872	9.34	49.8		20.42	6.86	10	b 2/1	4
795 796 797	10.85 10.62 13.80	49.0 73.7	9.83	23.72	8.74	10	7.95						40				
795 796 797 798	10.85 10.62 13.80 13.64	49.0 73.7 66.2	9.83 10.15	23.72 23.64	8.74 9.03	10	8.21	4	873	8.98	43.6	7.49		6.88	10	6.25	4
795 796 797 798 799	10.85 10.62 13.80 13.64 13.42	49.0 73.7 66.2 69.5	9.83 10.15 9.74	23.72 23.64 23.01	8.74 9.03 8.71	10 10	8.21 7.92	4	874	9.52	47.7	7.74	20.08	6.88 7.09	10 10	6.25 6.45	4
795 796 797 798 799 800	10.85 10.62 13.80 13.64 13.42 12.86	49.0 73.7 66.2 69.5 59.9	9.83 10.15 9.74 9.92	23.72 23.64 23.01 23.31	8.74 9.03 8.71 9.01	10 10 12	8.21 7.92 8.04	4 4	874 875	9.52 11.50	47.7 43.4	7.74 9.65	20.08 20.35	6.88 7.09 8.90	10 10 11	6.25 6.45 8.02	4 2
795 796 797 798 799 800 801	10.85 10.62 13.80 13.64 13.42 12.86 19.86	49.0 73.7 66.2 69.5 59.9 51.1	9.83 10.15 9.74 9.92	23.72 23.64 23.01	8.74 9.03 8.71	10 10	8.21 7.92	4	874	9.52	47.7 43.4 40.1	7.74	20.08	6.88 7.09	10 10	6.25 6.45	4 2 2
795 796 797 798 799 800 801	10.85 10.62 13.80 13.64 13.42 12.86	49.0 73.7 66.2 69.5 59.9	9.83 10.15 9.74 9.92 15.80	23.72 23.64 23.01 23.31	8.74 9.03 8.71 9.01	10 10 12	8.21 7.92 8.04	4 4	874 875 877	9.52 11.50	47.7 43.4 40.1	7.74 9.65	20.08 20.35 20.00	6.88 7.09 8.90 9.13	10 10 11	6.25 6.45 8.02	4 2
795 796 797 798 799 800 801 802	10.85 10.62 13.80 13.64 13.42 12.86 19.86 20.25	49.0 73.7 66.2 69.5 59.9 51.1	9.83 10.15 9.74 9.92 15.80	23.72 23.64 23.01 23.31 20.19	8.74 9.03 8.71 9.01 14.46	10 10 12 10	8.21 7.92 8.04 13.15	4 4 1	874 875 877 878	9.52 11.50 11.63	47.7 43.4 40.1 52.5	7.74 9.65 9.96 9.63	20.08 20.35 20.00	6.88 7.09 8.90 9.13 8.87	10 10 11 10	6.25 6.45 8.02 8.30	4 2 2 2 2
795 796 797 798 799 800 801 802	10.85 10.62 13.80 13.64 13.42 12.86 19.86 20.25	49.0 73.7 66.2 69.5 59.9 51.1 44.3	9.83 10.15 9.74 9.92 15.80 16.94	23.72 23.64 23.01 23.31 20.19 20.69	8.74 9.03 8.71 9.01 14.46 15.51	10 10 12 10 10.5	8.21 7.92 8.04 13.15 14.04	4 4 1 1	874 875 877 878	9.52 11.50 11.63 12.08	47.7 43.4 40.1 52.5	7.74 9.65 9.96 9.63	20.08 20.35 20.00 21.60	6.88 7.09 8.90 9.13 8.87	10 10 11 10 12	6.25 6.45 8.02 8.30 7.92	4 2 2 2

881									
	15.39	53.2	12.15	20.96	11.15	11	10.05	2	9
882		42.0	9.66	19.93	8.86	10	8.05	2	9
	11.44								
883	10.77	46.2	8.87	20.41	8.14	10.5	7.37	2	9
884	11.16	38.6	9.64	19.68	8.86	10	8.05	2	9
887	19.78	43.8	16.68	21.25	15.27	11	13.76	2	9
888	14.96	51.5	11.86	20.13	10.86	10	9.87	2	9
889	17.44	40.7	15.09	21.76	13.88	12	12.39	2	9
890	11.55	45.4	9.68	21.82	8.82	11	7.95	2	9
891	12.10	43.7	9.94	18.02	9.18	9	8.42	2	9
892	10.86	40.9	9.25	19.99	8.48	10	7.71	2	9
893	11.74	41.3	9.95	19.75	9.14	10	8.31	2	9
894	10.00	48.2	8.09	19.93	7.42	10	6.75	3	9
895	11.58	51.7	9.01	18.03	8.55	12	7.63	2	9
	-								
896	11.06	41.0	9.34	19.07	8.55	9	7.84	2	9
897	12.52	43.5	10.67	22.32	9.77	12	8.72	2	9
898	13.23	45.4	11.05	21.45	10.19	12	9.10	2	9
899	12.04	46.2	9.90	20.20	9.06	10	8.24	2	9
900	12.43	41.7	10.60	20.80	9.74	11	8.77	2	9
901	20.51	51.4	16.50	21.78	15.04	11	13.55	2	9
902	21.19	49.2	16.80	18.31	15.62	10	14.20	2	9
903	12.40	57.7	9.46	20.30	8.65	10	7.86	3	9
904	12.26	42.6	10.42	21.19	9.63	12	8.60	2	9
905	19.41	53.3	15.36	21.32	13.99	10.5	12.66	2	9
906	18.55	48.6	15.10	21.00	13.79	10.5	12.48	2	9
907	16.94	62.2	13.00	24.44	11.70	12	10.45	3	9
908	17.47	60.1	13.36	22.40	12.17	11.5	10.91	3	9
			-						
909	16.40	65.3	12.33	24.30	11.11	12	9.92	3	9
910	19.80	53.8	15.36	19.32	14.16	10	12.87	2	9
911	19.61	48.2	16.09	21.58	14.69	11	13.23	2	9
912	11.61	53.9	9.30	23.27	8.45	12	7.54	2	9
-					-		-		
913	13.78	58.9	10.54	21.53	9.54	10	8.67	3	9
914	9.15	66.0	6.71	21.70	6.12	11	5.51	2	9
915	9.59	60.6	7.27	21.72	6.57	10	5.97	2	9
916	17.95	43.6	15.27	22.16	14.00	12	12.50	2	9
917	9.46	63.4	6.97	20.36	6.37	10	5.79	2	9
918	9.94	59.4	7.50	20.26	6.86	10	6.24	2	9
									9
919	16.99	43.1	14.40	21.26	13.30	12	11.88	2	
920	9.46	57.7	7.19	19.83	6.66	11	6.00	2	9
921	6.99	53.2	5.42	18.76	5.02	10	4.56	2	9
922	12.89	64.9	9.45	20.87	8.60	10	7.82	3	9
923	9.70	61.2	7.38	22.64	6.74	12	6.02	2	9
924	9.15	65.3	6.83	23.38	6.20	12	5.54	2	9
925	15.79	41.1	13.46	20.24	12.37	10.5	11.19	2	9
926	14.20	61.7	10.46	19.11	9.66	10	8.78	4	9
927	13.03	54.9	10.10	20.08	9.21	9.5	8.41	2	10
020	47.00	45.5	1101	20.59	13.66	11	12.31	2	10
920	17.90	45.5	14.04						
928	17.90 12 73	45.5	14.84	18 64	9 50				
929	12.73	46.1	10.34	18.64	9.50	9	8.72	2	1(
929 930	12.73 11.73	46.1 49.5	10.34 9.54	21.56	8.79	9 12	8.72 7.85	2 2	10 10
929	12.73	46.1	10.34			9	8.72	2	1(1(1(
929 930	12.73 11.73	46.1 49.5	10.34 9.54	21.56	8.79	9 12	8.72 7.85	2 2	10 10
929 930 931 932	12.73 11.73 18.36 20.29	46.1 49.5 49.2 50.1	10.34 9.54 14.90 16.76	21.56 21.05 24.03	8.79 13.54 15.27	9 12 10 13	8.72 7.85 12.31 13.51	2 2 2	10 10 10 10
929 930 931 932 933	12.73 11.73 18.36 20.29 13.20	46.1 49.5 49.2 50.1 64.8	10.34 9.54 14.90 16.76 9.78	21.56 21.05 24.03 22.11	8.79 13.54 15.27 8.81	9 12 10 13 10	8.72 7.85 12.31 13.51 8.01	2 2 2 2 4	10 10 10 10 10
929 930 931 932 933 934	12.73 11.73 18.36 20.29 13.20 12.03	46.1 49.5 49.2 50.1 64.8 53.7	10.34 9.54 14.90 16.76 9.78 9.39	21.56 21.05 24.03 22.11 19.97	8.79 13.54 15.27 8.81 8.61	9 12 10 13 10 10	8.72 7.85 12.31 13.51 8.01 7.83	2 2 2 2 4 4	10 10 10 10 10 10
929 930 931 932 933 934 935	12.73 11.73 18.36 20.29 13.20 12.03 16.02	46.1 49.5 49.2 50.1 64.8 53.7 40.6	10.34 9.54 14.90 16.76 9.78 9.39 13.63	21.56 21.05 24.03 22.11 19.97 19.66	8.79 13.54 15.27 8.81 8.61 12.53	9 12 10 13 10 10 10	8.72 7.85 12.31 13.51 8.01 7.83 11.39	2 2 2 4 4 2	10 10 10 10 10 10 10 10
929 930 931 932 933 934 935 936	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69	46.1 49.5 50.1 64.8 53.7 40.6 46.0	10.34 9.54 14.90 16.76 9.78 9.39 13.63 7.93	21.56 21.05 24.03 22.11 19.97 19.66 19.49	8.79 13.54 15.27 8.81 8.61 12.53 7.30	9 12 10 13 10 10 10 10	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64	2 2 2 4 4 2 3	10 10 10 10 10 10 10 10 10
929 930 931 932 933 934 935	12.73 11.73 18.36 20.29 13.20 12.03 16.02	46.1 49.5 49.2 50.1 64.8 53.7 40.6	10.34 9.54 14.90 16.76 9.78 9.39 13.63	21.56 21.05 24.03 22.11 19.97 19.66	8.79 13.54 15.27 8.81 8.61 12.53	9 12 10 13 10 10 10	8.72 7.85 12.31 13.51 8.01 7.83 11.39	2 2 2 4 4 2	10 10 10 10 10 10 10 10 10
929 930 931 932 933 934 935 936 937	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59	46.1 49.5 50.1 64.8 53.7 40.6 46.0 48.9	10.34 9.54 14.90 16.76 9.78 9.39 13.63 7.93 10.01	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40	8.79 13.54 15.27 8.81 8.61 12.53 7.30 9.30	9 12 10 13 10 10 10 10 10	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64	2 2 2 4 4 2 3	10 10 10 10 10 10 10 10 10
929 930 931 932 933 934 935 936 937 938	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59 19.73	46.1 49.5 50.1 64.8 53.7 40.6 46.0 48.9 52.7	10.34 9.54 14.90 16.76 9.78 9.39 13.63 7.93 10.01 15.58	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60	8.79 13.54 15.27 8.81 8.61 12.53 7.30 9.30 14.34	9 12 10 13 10 10 10 10 10 10 11	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92	2 2 2 4 4 2 3 2 2 2	10 10 10 10 10 10 10 10 10 10 10 10
929 930 931 932 933 934 935 936 937 938 939	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59 19.73 20.29	46.1 49.5 49.2 50.1 64.8 53.7 40.6 46.0 48.9 52.7 50.8	10.34 9.54 14.90 16.76 9.78 9.39 13.63 7.93 10.01 15.58 16.56	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60 23.05	8.79 13.54 15.27 8.81 8.61 12.53 7.30 9.30 14.34 15.14	9 12 10 13 10 10 10 10 10 10 11 12.5	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46	2 2 2 4 4 2 3 2 2 2 2 2	10 10 10 10 10 10 10 10 10 10 10 10 10 1
929 930 931 932 933 934 935 936 937 938 939 939	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59 19.73 20.29 21.98	46.1 49.5 49.2 50.1 64.8 53.7 40.6 46.0 48.9 52.7 50.8 48.6	10.34 9.54 14.90 16.76 9.78 9.39 13.63 7.93 10.01 15.58 16.56 18.25	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60 23.05 23.41	8.79 13.54 15.27 8.81 8.61 12.53 7.30 9.30 14.34 15.14 16.71	9 12 10 13 10 10 10 10 10 10 11 12.5 13	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79	2 2 2 4 4 2 3 2 2 2 2 2 2	10 10 10 10 10 10 10 10 10 10 10 10 10 1
929 930 931 932 933 934 935 936 937 938 939 940 941	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59 19.73 20.29 21.98 14.71	46.1 49.5 49.2 50.1 64.8 53.7 40.6 46.0 48.9 52.7 50.8 48.6 56.2	10.34 9.54 14.90 16.76 9.78 9.39 13.63 7.93 10.01 15.58 16.56 18.25 11.64	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60 23.05 23.41 23.57	8.79 13.54 15.27 8.81 12.53 7.30 9.30 14.34 15.14 16.71 10.55	9 12 10 13 10 10 10 10 10 10 11 12.5 13 12	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79 9.42	2 2 2 4 4 2 2 3 2 2 2 2 2 2 4	10 10 10 10 10 10 10 10 10 10 10 10 10 1
929 930 931 932 933 934 935 936 937 938 937 938 939 940 941 942	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59 19.73 20.29 21.98 14.71 18.40	46.1 49.5 50.1 64.8 53.7 40.6 46.0 48.9 52.7 50.8 48.6 56.2 43.8	10.34 9.54 14.90 16.76 9.78 9.39 13.63 7.93 10.01 15.58 16.56 18.25 11.64 15.38	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60 23.05 23.41 23.57 20.22	8.79 13.54 15.27 8.81 12.53 7.30 9.30 14.34 15.14 16.71 10.55 14.20	9 12 10 13 10 10 10 10 10 11 12.5 13 12 11	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79 9.42 12.79	2 2 2 4 4 2 3 3 2 2 2 2 2 2 4 2 2	10 10 10 10 10 10 10 10 10 10 10 10 10 1
929 930 931 932 933 934 935 936 937 938 939 940 941	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59 19.73 20.29 21.98 14.71	46.1 49.5 49.2 50.1 64.8 53.7 40.6 46.0 48.9 52.7 50.8 48.6 56.2	10.34 9.54 14.90 16.76 9.78 9.39 13.63 7.93 10.01 15.58 16.56 18.25 11.64	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60 23.05 23.41 23.57	8.79 13.54 15.27 8.81 12.53 7.30 9.30 14.34 15.14 16.71 10.55	9 12 10 13 10 10 10 10 10 10 11 12.5 13 12	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79 9.42	2 2 2 4 4 2 2 3 2 2 2 2 2 2 4	10 10 10 10 10 10 10 10 10 10 10 10 10 1
929 930 931 932 933 934 935 936 937 938 937 938 939 940 941 942	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59 19.73 20.29 21.98 14.71 18.40	46.1 49.5 50.1 64.8 53.7 40.6 46.0 48.9 52.7 50.8 48.6 56.2 43.8	10.34 9.54 14.90 16.76 9.78 9.39 13.63 7.93 10.01 15.58 16.56 18.25 11.64 15.38	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60 23.05 23.41 23.57 20.22	8.79 13.54 15.27 8.81 12.53 7.30 9.30 14.34 15.14 16.71 10.55 14.20	9 12 10 13 10 10 10 10 10 11 12.5 13 12 11	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79 9.42 12.79	2 2 2 4 4 2 3 3 2 2 2 2 2 2 4 2 2	10 10 10 10 10 10 10 10 10 10 10 10 10 1
929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59 19.73 20.29 21.98 14.71 18.40 15.22 20.36	46.1 49.5 50.1 64.8 53.7 40.6 46.0 48.9 52.7 50.8 48.6 56.2 43.8 56.9 48.7	10.34 9.54 14.90 16.76 9.78 9.39 13.63 7.93 10.01 15.58 16.56 18.25 11.64 15.38 11.84 16.66	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60 23.05 23.41 23.57 20.22 22.03 21.72	8.79 13.54 15.27 8.81 8.61 12.53 7.30 9.30 14.34 15.14 10.55 14.20 10.77 15.33	9 12 10 13 10 10 10 10 10 10 10 11 12.5 13 12 11 11 11	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79 9.42 12.79 9.70 13.69	2 2 2 4 4 2 3 2 2 2 2 2 2 4 2 2 4 2 2 4 2 2 2 2	10 10 10 10 10 10 10 10 10 10 10 10 10 1
929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59 19.73 20.29 21.98 14.71 18.40 15.22 20.36 19.82	46.1 49.5 50.1 64.8 53.7 40.6 46.0 48.9 52.7 50.8 48.6 56.2 43.8 56.9 48.7 44.5	10.34 9.54 14.90 16.76 9.78 9.39 13.63 7.93 10.01 15.58 16.56 18.25 11.64 15.38 11.84 16.66 16.64	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60 23.05 23.41 23.57 20.22 22.03 21.72 21.36	8.79 13.54 15.27 8.81 8.61 12.53 7.30 9.30 14.34 15.14 16.71 10.55 14.20 10.77 15.33 15.22	9 12 10 13 10 10 10 10 11 12.5 13 12 11 12 11 12 11 12 11	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79 9.42 12.79 9.70 13.69 13.71	2 2 2 4 4 2 2 2 2 2 2 2 2 2 4 2 2 4 2 2 4 2	
929 930 931 932 933 935 935 936 937 938 939 940 941 942 943 944 945 946	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59 19.73 20.29 21.98 14.71 18.40 15.22 20.36 19.82 11.13	46.1 49.5 50.1 64.8 53.7 40.6 46.0 48.9 52.7 50.8 48.9 52.7 50.8 48.6 56.2 43.8 56.9 48.7 44.5 47.5	10.34 9.54 14.90 16.76 9.78 9.39 13.63 7.93 10.01 15.58 16.56 18.25 11.64 15.38 11.84 16.66 16.64 9.03	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60 23.05 23.41 23.57 20.22 22.03 21.72 21.36 19.64	8.79 13.54 15.27 8.81 8.61 12.53 7.30 9.30 14.34 15.14 10.55 14.20 10.77 15.33 15.22 8.34	9 12 10 13 10 10 10 10 10 11 12.5 13 12 11 11 11 12 11 10.5	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79 9.42 12.79 9.70 13.69 13.71 7.55	2 2 2 4 4 2 2 2 2 2 2 2 2 2 4 2 2 4 2	
929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59 19.73 20.29 21.98 14.71 18.40 15.22 20.36 19.82 11.13 11.86	46.1 49.5 49.2 50.1 64.8 53.7 40.6 46.0 48.9 52.7 50.8 48.6 56.2 43.8 56.2 43.8 56.2 43.8 56.9 44.5 44.5 47.5 53.5	10.34 9.54 14.90 16.76 9.78 9.39 13.63 7.93 10.01 15.58 16.56 18.25 11.64 15.38 11.84 16.64 16.64 9.03 9.30	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60 23.05 23.41 23.57 20.22 22.03 21.72 21.36 19.64 20.35	8.79 13.54 15.27 8.81 12.53 7.30 9.30 14.34 15.14 10.55 14.20 10.77 15.33 15.22 8.34 8.50	9 12 10 13 10 10 10 10 10 11 12.5 13 12 11 11 11 12 11 10.5 10	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79 9.42 12.79 9.70 13.69 13.71 7.55 7.73	2 2 2 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 4 2 2 2 2 2 4 4 2	
929 930 931 932 933 934 935 936 937 938 937 938 9340 941 942 943 944 945 946 947 948	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59 19.73 20.29 21.98 14.71 18.40 15.22 20.36 19.82 11.13 11.86 17.41	46.1 49.5 49.2 50.1 64.8 53.7 40.6 46.0 48.9 52.7 50.8 48.6 56.2 43.8 56.9 48.7 44.5 53.5 42.4	10.34 9.54 14.90 16.76 9.78 9.39 13.63 7.93 10.01 15.58 16.56 18.25 11.64 15.38 11.84 16.66 16.64 9.03	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60 23.05 23.41 23.57 20.22 22.03 21.72 21.36 19.64	8.79 13.54 15.27 8.81 8.61 12.53 7.30 9.30 14.34 15.14 10.55 14.20 10.77 15.33 15.22 8.34	9 12 10 13 10 10 10 10 10 10 10 11 12.5 12 11 11 10.5 10 12	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79 9.42 12.79 9.70 13.69 13.71 7.55	2 2 2 4 4 2 2 2 2 2 2 2 2 4 2 2 4 2 2 2 4 2 2 2 4 2 2 2 4 2 2 2 4 2 2 2 2 4 4 2 2 2 2 2 2 4 4 2	
929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59 19.73 20.29 21.98 14.71 18.40 15.22 20.36 19.82 11.13 11.86	46.1 49.5 49.2 50.1 64.8 53.7 40.6 46.0 48.9 52.7 50.8 48.6 56.2 43.8 56.2 43.8 56.2 43.8 56.9 44.5 44.5 47.5 53.5	10.34 9.54 14.90 16.76 9.78 9.39 13.63 7.93 10.01 15.58 16.56 18.25 11.64 15.38 11.84 16.64 16.64 9.03 9.30	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60 23.05 23.41 23.57 20.22 22.03 21.72 21.36 19.64 20.35	8.79 13.54 15.27 8.81 12.53 7.30 9.30 14.34 15.14 10.55 14.20 10.77 15.33 15.22 8.34 8.50	9 12 10 13 10 10 10 10 10 11 12.5 13 12 11 11 11 12 11 10.5 10	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79 9.42 12.79 9.70 13.69 13.71 7.55 7.73	2 2 2 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 4 2 2 2 2 2 4 4 2	
929 930 931 932 933 934 935 936 937 938 939 940 941 944 944 944 944 944 944 944 944 944	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59 19.73 20.29 21.98 14.71 18.40 15.22 20.36 19.82 11.13 11.86 19.82	$\begin{array}{r} 46.1\\ 49.5\\ 49.2\\ 50.1\\ 64.8\\ 53.7\\ 40.6\\ 46.0\\ 48.9\\ 52.7\\ 50.8\\ 48.9\\ 52.7\\ 50.8\\ 48.9\\ 56.9\\ 48.7\\ 44.5\\ 56.9\\ 48.7\\ 44.5\\ 57.5\\ 53.5\\ 42.4\\ 45.7\\ \end{array}$	$\begin{array}{r} 10.34\\ 9.54\\ 14.90\\ 16.76\\ 9.78\\ 9.39\\ 13.63\\ 7.93\\ 10.01\\ 15.58\\ 16.56\\ 18.25\\ 11.64\\ 15.38\\ 11.84\\ 16.66\\ 16.64\\ 9.03\\ 9.30\\ 14.96\\ 8.04\\ \end{array}$	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60 23.05 23.41 23.57 20.22 21.36 19.64 20.35 21.72 21.36 19.65 22.39 19.51	8.79 13.54 15.27 8.81 8.61 12.53 7.30 9.30 14.34 15.14 16.71 10.55 14.20 10.77 15.33 15.22 8.34 8.50 13.69 7.40	9 12 10 13 10 10 10 10 10 10 11 12.5 13 12 11 11 12 11 11 12 11 12 11 11	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79 9.70 13.69 13.71 7.55 7.73 12.22 6.73	2 2 2 4 4 2 2 2 2 2 2 2 2 4 2 2 4 2 2 4 2 2 4 2 2 4 2 2 3	
929 930 931 932 933 934 935 936 937 938 939 940 941 942 944 945 944 945 946 947 948 949 950	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59 21.98 14.71 18.40 15.22 20.36 19.82 11.13 11.86 17.41 9.80 12.29	46.1 49.5 50.1 64.8 53.7 40.6 46.0 48.9 52.7 50.8 48.6 56.2 48.6 56.2 43.8 56.9 48.7 44.5 53.5 42.4 45.7 45.7 45.7 45.7	$\begin{array}{r} 10.34\\ 9.54\\ 14.90\\ 16.76\\ 9.78\\ 9.39\\ 13.63\\ 7.93\\ 10.01\\ 15.58\\ 11.64\\ 15.58\\ 11.64\\ 15.38\\ 11.84\\ 16.66\\ 16.64\\ 9.03\\ 9.30\\ 14.96\\ 8.04\\ 10.37\\ \end{array}$	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60 23.05 23.41 23.57 20.22 21.36 19.64 20.35 22.39 19.51 20.33	8.79 13.54 15.27 8.81 12.53 7.30 9.30 14.34 15.14 10.55 14.20 10.77 15.33 15.22 8.34 8.50 13.69 7.40 9.48	9 12 10 13 10 10 10 10 10 10 11 12.5 13 12 11 11 12 11 11 12 11 10 10 10 10 10 10 10 10 10	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79 9.42 13.46 14.79 9.70 13.69 13.71 7.55 7.73 12.22 6.73 8.62	2 2 2 2 4 4 4 2 2 2 2 2 2 2 4 2 2 2 4 2 2 2 4 2 2 2 4 4 2 2 2 3 3 3	
929 930 931 933 933 934 935 936 937 938 939 940 941 942 944 945 944 945 946 947 949 950 951	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 19.73 20.29 21.98 14.71 18.40 15.22 20.36 19.82 11.13 11.86 17.41 9.80 17.91	46.1 49.5 49.2 50.1 40.6 46.0 46.0 48.9 52.7 50.8 48.6 56.2 43.8 56.9 48.7 44.5 53.5 42.4 48.7 44.5 53.5 42.4 45.7 42.6 43.8	10.34 9.54 14.90 16.76 9.78 9.39 13.63 7.93 10.01 15.58 11.64 15.56 18.25 11.64 15.38 11.84 16.66 16.64 9.03 9.30 14.96 8.04 10.37 14.96	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60 23.05 23.41 23.57 20.22 22.03 21.72 21.36 19.64 20.35 22.39 19.51 20.33 19.51	8.79 13.54 15.27 8.81 12.53 7.30 9.30 14.34 15.14 10.55 14.20 10.77 15.33 15.22 8.34 8.50 13.69 7.40 9.48 13.77	9 12 10 13 10 10 10 10 10 10 11 12.5 13 12 11 11 12 11 11 12 11 10 10 10 10 10 10 10 10 10	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79 9.42 12.79 9.42 12.79 9.70 13.69 13.71 7.55 7.73 12.22 6.73 12.52	2 2 2 2 4 4 4 2 2 2 2 2 2 2 2 4 2 2 2 2	
929 930 931 933 933 934 935 936 937 938 939 940 941 942 944 944 944 944 944 944 945 946 947 948 9450 951 952	12.73 11.73 18.36 20.29 13.20 13.20 12.03 16.02 9.69 19.73 20.29 21.98 14.71 18.40 15.22 20.36 19.82 11.13 11.86 17.41 9.80 12.29 17.91 16.57	46.1 49.5 49.2 50.1 64.8 53.7 40.6 46.0 48.9 52.7 50.8 56.9 48.6 56.9 48.6 56.9 48.7 47.5 53.5 42.4 45.7 42.6 43.1 55.3	$\begin{array}{r} 10.34\\ 9.54\\ 14.90\\ 16.76\\ 9.78\\ 9.39\\ 13.63\\ 7.93\\ 10.01\\ 15.58\\ 11.64\\ 15.38\\ 11.84\\ 16.66\\ 18.25\\ 11.64\\ 15.38\\ 11.84\\ 16.66\\ 16.64\\ 9.03\\ 9.30\\ 14.96\\ 8.04\\ 10.37\\ 14.96\\ 12.85\\ \end{array}$	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60 23.05 23.41 23.57 20.22 22.03 21.72 21.36 19.64 20.35 22.39 19.51 20.31 9.51 20.40	8.79 13.54 15.27 8.81 12.53 7.30 9.30 14.34 15.14 15.14 16.71 10.55 14.20 10.77 15.33 15.22 8.34 8.50 13.69 7.40 9.48 8.377 11.74	9 12 10 13 10 10 10 10 10 10 11 12.5 13 12 11 11 12 11 12 11 10 10 10 10 10 10 10 10 10	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79 9.42 12.79 9.42 12.79 9.42 12.79 9.70 13.69 13.71 7.55 7.73 12.22 6.73 8.62 12.52 10.67	2 2 2 2 4 4 4 2 2 2 2 2 2 2 4 2 2 2 2 4 2 2 2 2 4 4 2 2 2 2 2 4 4 2 2 2 3 3 3 3	
929 930 931 932 933 934 935 936 937 938 937 938 937 940 943 944 945 944 945 944 945 945 950 952 953	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59 19.73 20.29 21.98 14.71 18.40 15.22 20.36 19.82 11.13 11.86 17.41 9.80 17.91 11.86 17.91 11.86 17.91 11.86 17.91 11.86 17.91 12.03	46.1 49.5 49.2 50.1 64.8 53.7 40.6 48.9 52.7 50.8 48.6 56.2 43.8 48.6 56.9 48.7 44.5 55.3 542.4 47.5 55.3 42.4 45.7 42.6 43.1 55.3 42.1	$\begin{array}{r} 10.34\\ 9.54\\ 14.90\\ 16.76\\ 9.78\\ 9.39\\ 13.63\\ 7.93\\ 10.01\\ 15.58\\ 16.56\\ 18.25\\ 11.64\\ 15.38\\ 11.84\\ 16.66\\ 16.64\\ 9.03\\ 9.30\\ 14.96\\ 8.04\\ 10.37\\ 14.96\\ 8.04\\ 10.37\\ 14.96\\ 12.85\\ 10.13\\ \end{array}$	21.56 21.05 24.03 22.11 19.97 19.66 19.49 23.05 23.41 23.57 20.22 21.03 21.72 21.36 19.64 20.35 22.39 19.51 20.33 19.51 20.33 19.51 20.33	8.79 13.54 15.27 8.81 12.53 7.30 9.30 14.34 15.14 16.71 10.55 14.20 10.77 15.33 15.22 8.34 8.50 13.69 7.40 9.48 7.40 9.48 13.77 11.74 9.31	9 12 10 13 10 10 10 10 10 11 12.5 13 12 11 11 12 11 11 12 11 11 12 10 10 10 10 10 10 10 10 10 10	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79 9.42 12.79 9.70 13.69 13.71 7.55 7.73 8.62 12.52 6.73 8.62 12.52 10.67 8.46	2 2 2 2 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
929 930 931 933 933 934 935 936 937 938 939 940 941 942 944 944 944 944 944 944 945 946 947 948 9450 951 952	12.73 11.73 18.36 20.29 13.20 13.20 12.03 16.02 9.69 19.73 20.29 21.98 14.71 18.40 15.22 20.36 19.82 11.13 11.86 17.41 9.80 12.29 17.91 16.57	46.1 49.5 49.2 50.1 64.8 53.7 40.6 46.0 48.9 52.7 50.8 50.8 56.9 48.6 56.9 48.6 44.5 53.5 47.5 53.5 42.4 45.7 42.6 43.1 55.3	$\begin{array}{r} 10.34\\ 9.54\\ 14.90\\ 16.76\\ 9.78\\ 9.39\\ 13.63\\ 7.93\\ 10.01\\ 15.58\\ 11.64\\ 15.38\\ 11.84\\ 16.66\\ 18.25\\ 11.64\\ 15.38\\ 11.84\\ 16.66\\ 16.64\\ 9.03\\ 9.30\\ 14.96\\ 8.04\\ 10.37\\ 14.96\\ 12.85\\ \end{array}$	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60 23.05 23.41 23.57 20.22 22.03 21.72 21.36 19.64 20.35 22.39 19.51 20.31 9.51 20.40	8.79 13.54 15.27 8.81 12.53 7.30 9.30 14.34 15.14 15.14 16.71 10.55 14.20 10.77 15.33 15.22 8.34 8.50 13.69 7.40 9.48 8.377 11.74	9 12 10 13 10 10 10 10 10 10 11 12.5 13 12 11 11 12 11 12 11 10 10 10 10 10 10 10 10 10	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79 9.42 12.79 9.42 12.79 9.42 12.79 9.70 13.69 13.71 7.55 7.73 12.22 6.73 8.62 12.52 10.67	2 2 2 2 4 4 4 2 2 2 2 2 2 2 4 2 2 2 2 4 2 2 2 2 4 4 2 2 2 2 2 4 4 2 2 2 2 3 3 3 3	
929 930 931 932 933 934 935 936 937 938 937 938 937 940 943 944 945 944 945 944 945 945 950 952 953	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59 19.73 20.29 21.98 14.71 18.40 15.22 20.36 19.82 11.13 11.86 17.41 9.80 17.91 11.86 17.91 11.86 17.91 11.86 17.91 11.86 17.91 12.03	46.1 49.5 49.2 50.1 64.8 53.7 40.6 48.9 52.7 50.8 48.6 56.2 43.8 48.6 56.9 48.7 44.5 55.3 542.4 47.5 55.3 42.4 45.7 42.6 43.1 55.3 42.1	$\begin{array}{r} 10.34\\ 9.54\\ 14.90\\ 16.76\\ 9.78\\ 9.39\\ 13.63\\ 7.93\\ 10.01\\ 15.58\\ 16.56\\ 18.25\\ 11.64\\ 15.38\\ 11.84\\ 16.66\\ 16.64\\ 9.03\\ 9.30\\ 14.96\\ 8.04\\ 10.37\\ 14.96\\ 8.04\\ 10.37\\ 14.96\\ 12.85\\ 10.13\\ \end{array}$	21.56 21.05 24.03 22.11 19.97 19.66 19.49 23.05 23.41 23.57 20.22 21.03 21.72 21.36 19.64 20.35 22.39 19.51 20.33 19.51 20.33 19.51 20.33	8.79 13.54 15.27 8.81 12.53 7.30 9.30 14.34 15.14 16.71 10.55 14.20 10.77 15.33 15.22 8.34 8.50 13.69 7.40 9.48 7.40 9.48 13.77 11.74 9.31	9 12 10 13 10 10 10 10 10 11 12.5 13 12 11 11 12 11 11 12 11 11 12 10 10 10 10 10 10 10 10 10 10	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79 9.42 12.79 9.70 13.69 13.71 7.55 7.73 8.62 12.52 6.73 8.62 12.52 10.67 8.46	2 2 2 2 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
929 930 931 932 933 934 935 935 937 938 937 938 940 944 945 944 945 945 950 951 952 955 955 955	12.73 11.73 18.36 20.29 13.20 12.03 16.02 9.69 12.59 19.73 20.29 21.98 14.71 18.40 15.22 20.36 19.82 11.13 11.86 17.41 9.80 12.29 17.91 16.57 12.03 16.61	46.1 49.5 49.2 50.1 64.8 53.7 40.6 46.0 48.9 48.6 55.7 50.8 48.6 55.7 50.8 48.6 56.2 43.8 48.6 56.9 48.7 44.5 53.5 53.5 42.4 45.7 42.6 43.1 55.3 542.4 42.1	$\begin{array}{r} 10.34\\ 9.54\\ 14.90\\ 16.76\\ 9.78\\ 9.39\\ 13.63\\ 7.93\\ 10.01\\ 15.58\\ 16.56\\ 18.25\\ 11.64\\ 15.38\\ 11.84\\ 16.66\\ 16.64\\ 9.03\\ 9.30\\ 14.96\\ 8.04\\ 10.37\\ 14.96\\ 8.04\\ 10.37\\ 14.96\\ 12.85\\ 10.13\\ 13.90\\ \end{array}$	21.56 21.05 24.03 22.11 19.97 19.66 19.49 18.40 20.60 23.05 23.41 23.57 20.22 21.36 19.64 20.33 21.72 21.36 19.51 20.33 19.51 20.33 19.51 20.33 19.51 20.49 19.51 20.49 19.51 20.49 19.51 20.49 19.51 20.49 19.51 20.49 19.51 20.33 19.51 20.49 19.51 20.49 19.51 20.33 19.51 20.49 19.51 20.49 19.51 20.33 19.51 20.49 19.51 20.49 19.51 20.49 21.51 20.52 21.51 20.55 21.51 20.55 21.51 20.55 21.51 20.55 21.51 20.55 21.51 20.55 21.51 20.55 21.51 20.55 21.51 20.55 21.51 20.55 21.51 20.55 21.51 20.55 21.51 20.55 21.51 20.55 21.51 20.55 21.51 20.55 20.39 20.55 20.39 20.55 20.35 20.55 21.55	8.79 13.54 15.27 8.81 12.53 7.30 9.30 14.34 15.14 16.71 10.55 14.20 10.77 15.33 15.22 8.34 8.50 13.69 7.40 9.48 13.77 11.74 9.31 12.86	9 12 10 13 10 10 10 10 10 11 12.5 13 12 11 11 12 11 11 12 11 11 12 10 10 10 10 10 10 10 10 10 10	8.72 7.85 12.31 13.51 8.01 7.83 11.39 6.64 8.45 12.92 13.46 14.79 9.42 12.79 9.70 13.69 13.71 7.55 7.73 8.62 12.52 6.73 8.62 12.52 10.67 8.46 11.69	2 2 2 2 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2	

056	11 01	42.2	0.07	20.70	9.21	11 5	0.00	2
956 957	11.84 18.50	43.3 41.3	9.97 15.90	20.70 21.47	9.21 14.66	11.5 12	8.26	3
958	10.22	56.4	7.85	20.10	7.19	10	6.54	4
959	9.50	54.3	7.35	19.41	6.74	9.5	6.16	4
960	12.75	52.9	10.22	22.55	9.34	12	8.34	2
961	12.15	56.0	9.29	19.24	8.57	10	7.79	2
962	13.19	52.1	10.64	22.73	9.71	12	8.67	2
963	13.11	52.0	10.60	22.90	9.66	12	8.63	2
964	12.74	52.4	10.25	22.65	9.36	12	8.36	2
965 966	13.40 12.26	52.6 50.9	10.74 9.86	22.32	9.79 9.02	11.5 11	8.78 8.13	2
967	12.20	50.9	15.16	21.34 20.93	9.02 13.79	10	12.54	3
968	13.09	48.4	10.63	20.33	9.75	10.5	8.82	2
969	17.43	45.6	14.29	19.35	13.17	10	11.97	2
970	18.50	57.2	14.34	21.86	13.18	12	11.77	2
971	16.82	53.5	13.40	22.31	12.27	12	10.96	2
972	12.72	47.0	10.36	19.71	9.52	10	8.65	3
973	10.37	48.5	8.48	21.45	7.82	12	6.98	2
974	10.21	55.4	8.12	23.57	7.36	12	6.57	4
975	10.03	59.7	7.68	22.26	6.91	10	6.28	4
976 977	10.60 9.95	57.2 64.4	8.20 7.40	21.62 22.24	7.45 6.75	10.5 11.5	6.74 6.05	4
978	17.20	54.3	13.60	22.04	12.37	11.5	11.14	2
979	9.85	63.9	7.30	21.48	6.58	9.5	6.01	4
980	10.68	51.0	8.61	21.76	7.92	12	7.07	2
981	10.01	59.0	7.80	23.91	7.05	12	6.29	4
982	10.63	62.9	8.00	22.56	7.18	10	6.53	4
983	19.08	46.3	15.70	20.35	14.35	10	13.05	3
984	16.70	54.6	13.23	22.46	12.10	12	10.80	3
985	17.18	54.1	13.53	21.35	12.32	10.5	11.15	3
986 987	20.05	51.2 43.7	16.42 16.85	23.86 19.58	14.98	13 10	13.26 14.09	3
988	20.25 18.38	46.8	15.09	20.50	15.50 13.90	10	12.52	2
989	18.81	45.5	15.46	19.59	14.22	10	12.92	2
990	16.19	47.1	13.34	21.17	12.33	12	11.01	3
991	10.98	59.1	8.51	23.32	7.66	11	6.90	4
992	10.59	53.4	8.16	18.23	7.73	12	6.90	4
993	10.24	54.4	7.85	18.35	7.23	9	6.63	4
994	9.87	54.3	7.78	21.66	7.13	11.5	6.39	2
995	9.96	49.9	8.07	21.48	7.44	12	6.64	2
996	9.97	57.3	7.55	19.12	6.94	9.5	6.34	4
997 998	10.73 11.39	57.6 59.5	8.30 8.92	21.90 24.90	7.49 8.07	10 13	6.81 7.14	4
999	12.30	47.5	10.00	19.91	9.09	9	8.34	3
1000	13.60	49.0	10.97	20.19	10.04	10	9.13	4
1001	13.08	47.6	10.40	17.37	9.57	8	8.86	2
1002	10.34	56.5	7.97	20.59	7.27	10	6.61	4
1003	10.56	46.3	8.64	19.70	7.94	10	7.22	2
1004	9.63	54.2	7.50	20.09	6.87	10	6.25	2
1005	10.21	60.9	7.80	22.92	6.98	10	6.35	4
1006	10.20	60.6	7.85	23.60	7.05	11	6.35	4
1007 1008	9.73 18.28	57.4 50.2	7.37 14.87	19.20 22.19	6.77 13.63	9.5 12	6.18 12.17	4
1008	17.93	63.7	13.18		12.00	9.56	10.95	3
1010	20.20	60.1		20.46	13.88	10	12.62	3
	11.92	47.5	9.68	19.78	8.89	10	8.08	2
1012	12.71	38.6	11.03		10.18	11	9.17	3
1013	10.12	70.5	7.26	22.30	6.53	10	5.94	4
1014	12.90	51.3	10.21	19.73	9.38	10	8.53	4
1015	12.20	52.2	9.68	20.73	8.82	10	8.02	2
1016	9.91	60.4	7.65	23.78	6.86	11	6.18	4
1017 1018	17.47 18.64	48.7 55.8	14.09 14.50	19.96 21.20	12.92 13.16	10 10	11.75 11.96	3
1018	17.73	41.4	15.05	20.05	13.79	10	12.54	2
	17.37	43.4	14.48	19.58	13.32	10	12.04	1
1020	22.34	43.1	19.11	22.44	17.48	12	15.61	1
1020 1021				19.44	13.17	10	11.97	1
_	17.80	48.7	14.30			10	_	
1021 1022 1023	17.80 18.52	46.7	15.11	19.66	13.89	10	12.63	2
1021 1022 1023 1024	17.80 18.52 20.50	46.7 48.8	15.11 16.92	22.80	15.57	13	13.78	1
1021 1022 1023 1024 1025	17.80 18.52 20.50 19.53	46.7 48.8 53.4	15.11 16.92 15.49	22.80 21.68	15.57 14.13	13 11	13.78 12.73	1 1
1021 1022 1023 1024 1025 1026	17.80 18.52 20.50 19.53 16.84	46.7 48.8 53.4 54.6	15.11 16.92 15.49 13.13	22.80 21.68 20.54	15.57 14.13 12.20	13 11 12	13.78 12.73 10.89	1 1 2
1021 1022 1023 1024 1025 1026	17.80 18.52 20.50 19.53 16.84 17.88	46.7 48.8 53.4	15.11 16.92 15.49	22.80 21.68	15.57 14.13	13 11	13.78 12.73	1 1

1029	15.34	46.4	12.61	20.35	11.63	11	10.48	2	1102	11.64	61.3	8.81	22.05	7.94	10	7.22	4	1
1029	18.75	40.4	15.01	19.39	13.83	10	12.57	1	1102	21.41	43.2	18.20		16.74		14.95	2	
1031	19.04	40.1	16.28	19.79	14.95	10	13.59	2	1104	18.47	-	14.55				11.85	3	
1032 1033	20.83 18.82	51.8 49.4	16.75 15.14	22.08 20.16	15.23 13.86	11 10	13.72 12.60	1 2	1105 1106	19.32 17.13	-	15.87 13.80		14.33 12.62	10	13.03	3	
1034	16.89	48.4	13.98	22.84	12.86	13	11.38	2	1107	9.54	51.2	7.80	23.63	6.94	10	6.31	1	
1035	17.64	48.3	14.25	19.84	13.08	10	11.89	2	1108	9.79	53.3	7.60	19.02	7.12	11.5	6.39	1	
1036 1037	14.47 15.77	50.4 52.2	11.45 12.43	19.05 19.94	10.58	10 10	9.62 10.36	2 3	1109	20.57	63.7 44.7	15.70 13.66		13.95 12.35	11	12.57 11.23	3	
1038	17.33	50.8	13.85	20.53	12.64	10	11.49	3	1111	18.95	59.7	14.40		13.05	10	11.86	3	
1039	14.19	53.7	10.91	18.21	10.06	9	9.23	3	1112	19.38	_	15.80		14.46	-	13.15	2	
1040	15.27 17.23	45.1 44.9	12.38 14.06	17.65 18.24	11.47 13.08	9 10	10.52 11.89	1	1113	18.38 17.55	-	15.03	19.63 18.42	13.82 13.72	10 10	12.56 12.47	2	
1042	16.35	42.7	13.66	19.25	12.60	10	11.45	1	1115			12.92	21.54		11	10.63	3	
1043	14.22 17.44	43.2 44.5	11.76 14.52	18.46 20.28	10.92 13.40	10 11	9.93 12.07	1	1116	15.50	-	12.51	21.29	11.50		10.31	3	
1044	18.46	44.5	14.52	20.28	14.02	11.5	12.07	1	<u>1117</u> 1118	14.79 15.37	-	12.13 12.50		11.24 11.56	11	10.13	3	
1046	18.70	46.8	15,39	21,05	14.18	12	12,59	3	1119	1295421	1203	53.90	123248	214655	9.3163	12.88	8.428	2
104Ø 1048	18.96 19. 0 9	<u>58.3</u>	14.83 15.06	20.83 22.40	12.58 13.83	<u>12</u> 10	12,55 12,58	3 3	1120	11285930 1220524	1369 1281	4165.845 517.95	12132446	2045045 2153022	10. 32 5 9.3162	12.54 13.95		2
1048	18.30	50.8		29.50	12.30	1005	12.09	2	1121	12555	124-30.11	5 5.9 2	1201109	28267	9.1171	17136	8.226	2
1039	10.00	54.Ø	1 5 .78		13.90	13	12.60	2	1123	12567	104.4727	6 9.5 0	28.93	28.62	7.0161	17086	6.422	4
1080 1082	19.62 18.76	59.8 53.6	13.90 14.29	20.90	12.48 13.62	19 12	11.93 12,63	3 2	1124	12538	104.00.8	5174.181	71.98298		7.1103.5	12.34	6.327	2
1082	19.60			22.09	12.66	13	12.90	2	1125 1126	123582 1125596	966666 946634	466.531 5162.792	2.9.46 2.3.26	2 0440 6 2212104	7.3123 6.7162	12.80 10.48		2
1083	10.50	6 <u>9</u> ,9	1 5 .69	28,58	12,37	1025	13.00	3	1127	1266	1295	464.014	120081		9.1160	11.77	8.245	3
1085	20.58	59.2 62 1	16.13 10.56	29.95	12.99	10	12.99	2 4	1128	12689	1543	5192.494 BOE 012	1485642	212800	13.10	10 .91	11.94 ເກ	3
1086 1086	18.40 13.98	6 <u>3.2</u> 59.0		20.60 28.96	193600 193602	10 10	181.7872 181.6824	4 24	1129 1130	1129628 11296489	945900 124.98.30	5105.943 5153.710		21430/9 212957	7.0150 9.2130	12.81 12.06	6.229 8.244	2
1088	19.39	50.Q	15.59	20.68	10.30	12	192,201	2	1130	11236114	184.45.06	64.06	121468	90048	12.42	19009	11. 2 8	3
1089	12.83	50.5		22.95	1980207	12	181.0845	2	1132	1265	175.5.4	63.706 815 150	22265	280010	12.10	19.62	10.386	3
1089	18.07 19.69	60.5 60.0		29.48 22.48	12.38 12.89	10 12	12.10 12.50	3 3	1133 1134	11226264 11206078	194 2 4 17548.8	55.50 55.90	1590974 121329	219.7586 197.8293	13. 86 12. 2 3	18261 16051	12. 3 8 11. 4 2	3 3
1000	19.84	56.0			14.59	12	10.88	3	1134	192.68	1754998	51 9.4 3	-	226.863	121015		10.742	3
1002	19.89	59.Z		28.75	10.02	12	182,9758	2	1136	12690	1844280	625.774	189590	204554	12.58	12.13	11. 2 3	3
1003 1005	2903185 18.96	55.8 59.2		20.03 25.24	1658287 1936514	1015 12	163,2802 181,5988	2 2	1137 1138	192,7804 1121,7815	134893 1249298	5 7.6 0	1095 6 5 2.7.35	266.8943 208.2964	9.7100 8.9103	16130 17091	8.744 8.019	4
1006	18.85	50.0		20.56	193.0962	16	182.1060	2	1139	192.7820	957590	674 .7 3	22.33	27.6012	6.5141	16032	5.945	4
1000	16.50	53.6		20.06	192,8578	10	181.6464	2	1140	192.7839	16578	5 7.0 5	2.9.48		7.22	16230	6.445	2
1008	16.09 20.54	60.9 58.5		25.0 9 23.69	12.94 18.48	1225 12	10.66 13.63	3 3	1141	11257646 11227452	165.4634 124.95.45	64.878 510.031	82.00.479 1224043	21406 6 3 209.8571	7.1 9 9.1242,5	1 9.5 5 18131	6.435 8.311	4
1000	18.80	49.6		20.46	13.82	10	12.56	2	1142	1207261	125.9.3	510.676		217.7045	8.9170	162 41	8.04	2
1002	20.70	46.3	10.29		1957797	10	184,7344	3	1144	192.7478	85636	5 9.3 7	@8.7 3	236.766	6.1160	16105	5.545	2
1003	18.36 18.79	58.9 50.8	184.4087 10.20	29.26 23.57	172,8910 194,2021	11025 11125	171.0572 182.2571	4 3	1145 1146	11277289 11277997	174.7.1) 104.2.36	463.095	14487640 8.55215	212488	13.95.95 7.1602.5	12.76 12.60	12. 2 3	3
1005	10.59	58.0	183.1845	20.87	1/2.4/23	12	161.6437	24	1140	12880	10447.13	58.91		23.2B	7.4120		6.711	4
1006	10.13	49.1	181,1083		1705142	12	0.09	3	1148	125834	12598	48.780	109585	200983	9.5150	19085	8.638	2
1000 1008	1987399 13.40	40.9 50.6	171.8102 190.3900	29.98 22.38	170.1281 8.92	10 12	0.52 8.08	3 2	1149 1150	1928825 1828824	1 <u>5.62</u> 15.66	57.66	1473095 1583976	217.0108	13. 00 14. 10	16053 15158	11.842 12.747	3 3
1009	10.06	\$6.6	18004B1	28.98	9.85	10	6.68	<u>≁</u> 2	1150	127834	1520	402.04 5168.414	8.920	192721	7.1902.5	10.96	7.240	2
1079	10.21	6Z.Ø	180.1413	24.60	9.29	12	8.55	24	1152	128759	184.5.5	620.891	1240074	280782	12. 82	19304	11. 3 7	2
1080 1082	1907215 197.6735	68.1 58.6	7.88	20.98	7.04 172.435	10 10	6.29 161.8203	4 3	1153 1154	125864	185265	6142.638 597.095	12/2026		12. 74 12. 82	10 .13 17246	11. 2 7 11. 4 9	2
				21.05		12	1628852	3				59.95 59.90				17083		4
1088	10.26	62.8	1833896	22.60	17266666	12	161,9320	2		22830	12.58	446270	109260	2157 3 6		12.96		3
	19. 36 10.46			20.99	1848048 19.674	10 1015	1820547 6.94	3 2	1157			511.226			7.6160	19228		2
	12.46			20.98 29.95	9.0# 8.24	10	7.68 7.68	2				5150.189 5142.070				9301 10.39		2
	1906621		8.08	20.09	Ø. # 6	10	6.72	4	1160	129430	184.260	40.54	1205714	9.66	14.33	18073	13.03	4
	10.66	58.2 56.8		22.66 20.96	8.50 7.80	12 1015	6.30 6.03	4 4				50.703				8237		2
	9.80	90.0 52.3		20.99	6.82	12	6.04	4	1162			5145.403 4191.645				12.40 12.15		2
1094	10.09	40.2	8.2 4	29.30	8.59	10	6.96	2	1164	11289474	174.498	38.92	1 5 84 9 1	945078	14.307	12.80	12. 2 5	3
	10.00 10.86			20.26	8.09 9.66	1015 10	6.92 6.94	2				65.56				11.27 1 0 .63		2
	1908415			29.96	9.00	10	6.54	4	1166			5157.945 5194.488				14.63		2
1098	10.70	68.0	8.59	22.08	6.64	1 1 05	6.03	4	1168	137096	1855	48.973	12540192	202953	13.945	10.99	12.246	3
	10.60 15.40				12.22 12.06	1Ø 11105	13.15 10.82	2		_	-	5104.773 1115 200				12.08		4
	15.40			22.22 20.80		1105	10.89	2 2				4155.326 6154.729				12.65 11.65		2
1092	18.26	62.3	1835460	28.99	1727379	10	161,9246	3	1172	137058	15.8.0	623.470	22.244	2125 6 2	7.2151	11 .19	6.528	4
	18.58			22.58	1837151	11	171.8881	3				532				10.71		3
	10.96 12.70			22.50 19.20	1728548 8.73	1025 10	171.0308 7.94	3 4	11/4	1308	9.77	5176.144 58.3		95305 20.04	9.512	13 .44	8. <i>1</i> 20 6.17	4
1236	13.29	47.5	10.86	20.55	10.00	11	9.01	2		1309	9.90	65.5	7.19	20.20	6.58	10	5.98	4
	13.44		10.93		10.00	11.5	8.97	2		1310		52.8	7.78		7.09	10	6.45	4
	10.73 12.60			20.30 21.33	8.12 9.46	10 11	7.38 8.52	3			9.61 18.62	62.9 53.5	7.14 14.47		6.49 13.22	10 9	5.90 12.13	4
1240	10.09	50.8		19.42	7.36	10	6.69	2			18.10	59.7	13.49	19.00			11.34	3
	10.77		8.51			11	7.10	2			17.72	60.8	13.36		12.12		11.02	3
	16.10 15.85			20.58 20.39		9.5 10	10.47 10.01	3			16.90 16.53		13.16 12.48				10.96 10.34	3
	18.09			20.39		11	11.44	2			19.96		15.87		14.61		13.04	3
			10.27	18.05	9.57	10	8.70	4		1318	18.28	47.5	15.19	22.57	13.88	12	12.39	3
	17.50 18.15			20.73 22.25		10 12	10.91 11.90	3	37		12.40 10.54		9.89 8.21	18.25 22.49	9.20 7.44	10 11	8.36 6.70	2
				22.25		9	12.68	2			13.00		8.21		9.47	10	8.61	2
1249	18.57	56.4	14.40	21.26	13.30	12	11.88	3		1322	11.13	56.6	8.58	20.72	7.96	12	7.11	2
	18.46			20.57		11	11.39 ° 11	3			9.18	57.5		21.43	6.53	12	5.83	2
1251	13.53	00.9	9.72	19.88	ອ.00	11	8.11	4		1324	11.12	49.3	8.93	19.00	0.21	11	7.45	2

1325	10.06	46.9	8.32	21.49	7.67	12	6.85	2
1326	9.46	47.4	7.76	20.88	7.19	12	6.42	2
1327	10.15	56.4	7.99	23.09	7.27	12	6.49	4
1328	15.63	53.4	12.28	20.50	11.21	10	10.19	3
1329	17.10	44.7	14.28	20.83	13.00	10	11.82	3
1330	11.50	49.7	9.11	18.59	8.45	10	7.68	3
1331	20.81	53.5	16.74	23.51	15.18	12	13.55	2
1332	17.92	50.9	14.60	22.95	13.30	12	11.88	4
1333	20.99	60.3	16.71	27.64	14.99	14.5	13.09	4
1334	18.72	44.5	15.34	18.41	14.25	10	12.95	2
1335	18.57	42.0	15.49	18.42	14.52	11	13.08	2
1336	17.13	46.2	14.53	23.99	13.24	13	11.72	2
1337	17.49	45.8	14.36	19.67	13.20	10	12.00	4
1338	20.91	48.5	17.28	22.72	15.77	12	14.08	2
1339	22.77	47.8	18.67	21.15	17.26	12	15.41	2
1340	17.01	43.9	14.13	19.56	13.00	10	11.82	2
1341	19.63	45.3	16.04	18.70	15.54	15	13.51	4
1342	22.09	40.8	18.69	19.11	17.26	10	15.69	2
1343	17.68	46.2	14.80	22.42	13.54	12	12.09	2
1344	18.56	44.2	15.75	22.33	14.42	12	12.88	2
1345	17.93	47.6	14.98	23.29	13.73	13	12.15	2
1346	17.34	49.0	14.24	22.40	13.03	12	11.63	2
1347	18.59	51.9	15.23	24.46	13.95	14	12.24	4
1348	17.11	48.1	14.38	24.47	13.17	14	11.55	4
1349	12.45	56.5	9.71	22.06	8.83	11	7.95	3
1350	14.28	49.7	11.75	23.17	10.78	13	9.54	2
1351	11.70	44.3	9.65	19.02	9.00	11	8.11	2

A.2. Kiln Data

B.2.1. Air Flow

			Distance	From En	d (m)			1
Gap #	0.50	1.00	2.00	3.00	4.00	5.00	5.50	
1	1.8	2.2	2.0	1.3	1.6	1.3	2.3	
2	1.5	2.0	1.5	2.0	1.9	1.5	2.3	
5	1.8	1.5	1.8	1.8	1.9	1.7	2.1	
10	1.4	1.8	1.7	1.6	1.8	1.7	2.1	Rack 1
15	1.4	1.8	1.5	2.1	1.9	1.4	1.9	
18	1.9	1.6	1.7	1.6	1.7	1.5	1.8	
19	1.9	1.9	2.0	1.9	2.2	1.7	1.7	
	1.9	2.0	3.2	3.1	3.5	2.0	2.3	Glut 1
Gap #								
1	1.1	1.5	2.0	1.6	1.6	1.7	1.1	
2	1.6	1.7	1.8	1.6	1.7	1.3	1.6	
5	1.6	1.9	1.8	2.2	2.0	1.8	1.0	
9	1.6	1.8	1.6	1.9	1.6	1.7	1.0	Rack 2
13	1.6	1.8	1.8	2.4	2.0	1.7	1.1	
16	1.5	2.0	1.9	1.8	2.1	1.8	2.0	
17	1.8	2.0	1.8	2.0	2.1	1.6	1.7	
	3.2	3.4	3.4	3.4	3.4	3.0	2.5	Glut 2
Gap #								
1	1.5	1.6	1.7	1.8	2.6	1.5	1.7	
2	1.8	1.8	2.0	2.3	2.0	1.7	1.8	
5	1.9	1.8	1.8	2.1	2.0	1.8	1.8	
10	2.0	1.8	1.7	2.5	1.9	1.7	1.8	Rack 3
15	1.8	2.0	2.1	2.5	1.8	1.7	1.7	
18	2.3	2.0	2.4	2.4	2.2	1.8	1.6	
19	2.2	2.0	2.2	2.4	2.3	1.6	1.7	
	3.7	3.8	3.5	3.9	3.3	3.3	2.3	Glut 3
Gap #								_
1	1.6	1.7	1.5	2.1	1.5	1.5	1.3	
2	1.6	1.5	1.8	2.3	1.5	1.3	1.5	
5	1.8	1.5	1.7	2.1	1.5	1.5	1.5	
10	1.5	1.7	1.8	1.9	1.4	1.6	1.6	Rack 4
15	1.4	1.8	1.6	2.0	1.5	1.3	1.5	
18	1.5	1.5	1.7	2.0	1.3	1.3	1.6	1
19	1.4	1.4	1.6	2.0	1.3	1.3	1.3	
	3.0	3.4	3.7	3.2	2.7	2.8	2.5	Glut 4

		1-1	1-2	2-1	2-2	3-1	3-3	4-1	4-2		30/5	8:00	56.1	56.1	56.1	56.4	55.6	55.2	55.2	54.7
Date	Time	Rack 1-1	Rack 1-2	Rack	Rack	Rack	Rack	Rack	Rack		30/5 30/5	8:15 8:30	57.4 57.7	57.2 57.1	58.1 57.9	57.9 57.8	57.5 57.8	57.2 57.3	57.6 57.5	57.1 57.3
29/5	► 14:30	18.7	18.3	≌ 18.9	<u>⊮</u> 19.2	17.3	<u>⊮</u> 19.1	17.6	17.4		30/5	8:45	57.6	57.1	57.9	57.0	57.6	57.3 57.4	57.5	57.3
29/5	14:45	23.1	23.8	23.7	23.6	23.1	24.4	21.0	21.8		30/5	9:00	57.3	56.9	57.8	57.4	57.6	57.1	57.5	57.3
29/5 29/5	15:00 15:15	21.6 24.1	22.1 23.8	22.2 23.8	21.3 24.1	20.4 22.8	21.8 22.6	19.4 23.0	14.6 22.2		30/5 30/5	9:15 9:30	62.5 64.0	62.9 64.8	61.4 62.8	62.6 64.0	60.8 62.0	62.6 64.6	61.4 62.7	61.5 63.3
29/5	15:30	25.2	25.1	25.9	25.6	24.7	24.1	24.7	23.8		30/5	9:45	64.4	65.2	62.9	64.4	62.4	64.4	63.2	63.2
29/5 29/5	15:45 16:00	26.7 27.2	27.3 29.0	27.8 27.2	28.2 26.4	26.4 26.8	25.7 26.7	26.5 27.2	25.5 27.0		30/5 30/5	10:00 10:15	62.5 64.6	58.9 65.4	61.3 63.6	59.2 65.0	60.7 62.9	58.5 65.3	60.4 64.0	59.0 64.1
29/5	16:15	29.3	29.7	30.0	29.8	29.8	29.8	29.9	30.3		30/5	10:30	60.3	63.1	60.8	62.8	60.4	62.6	60.6	61.2
29/5 29/5	16:30 16:45	30.0 29.7	29.6 29.7	30.4 30.2	30.0 30.2	29.6 29.7	29.3 29.9	29.0 29.8	29.8 30.1		30/5 30/5	10:45 11:00	65.4 63.4	66.0 63.4	64.4 63.1	65.6 64.3	63.6 62.4	65.3 63.4	64.5 63.1	64.5 63.0
29/5	17:00	29.9	30.2	30.2	30.7	30.0	30.2	30.2	30.0	1	30/5	11.15	66.0	65.9	64 9	65.9	63.8	65.8	64.8	65.0
<u>20/8</u> 30/8	存36	99 99 99 99 99 99 99		<u>\$5.0</u> \$7.8	94.8 94.4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	<u>94</u> 97 261 8	\$7\$	978 978		30/5	29:30 29:45	<u>81 4</u> 87 8	807	68.9 67.9	61.6	<u>ହ</u> ା ନ	ର୍ଜ୍ୟର ଜନ୍ମ	691 A 67 A	696 ,9
20/8	1445	89:3 63.8	\$7.9 \$7.9	37-9 88-8	2016 20215	37.9	2018	37.8	39-0		30/5	43:00	81.9	66.9	87.8	67.3	613	6,66,6	607	6665
20/5	1800	67.3	96.0	<u>98.9</u>	\$7. <u>4</u> \$7.3	\$8.4 \$8.4	\$6.\$ 617	\$ 62 .9	382.2		30/5	22:15	61.9 61.7	66.0	62.0	62.8	67.0	666.A	67.1	600.5 600.7
<u>20/8</u> 20/5	18 19 19 19 19 19 19 19 19 19 19 19 19 19	63.9 63.6	\$3.2 \$4.7	<u>₽</u> 7.8 ₽1.8	43.7	39.5 400 et	22 g 267 g	394.64 2073 7	497.62 497.64		30/5 30/5	72:30 72:45	67.6	66.3 66.8	67.6 67.5	67.9	67.D	66.5	697.3 697.70	
39/5	1845	\$8·3	68 .8	\$6.8	\$67.50	ବ୍ରିକ୍ କ	ବିଷ୍ଟି ନ	\$9 8	395		30/5	23 :00	62.5	66.8	62.2	62.1	67.5	662	67.6	66.4
39/5 39/5	19900	64.9 68.4	ର୍ଜ୍ୟୁ ନ ହନ୍ମ ନ	1024.3 1013-3	<u>64.6</u> 67.9	\$97.3 \$94.6	<u>464</u> :50 467:1	1672-10 1672-16	<u>4</u> 61.65 497.01		<u>30/5</u> 30/5	23:15 23:30	67.5 67.6	66.8 66.8	67.9	67.0 62.1	67.0 67.0	663 663	67770 69779	6663 6663
39/5	149390	\$9.5	69. 9	¢7.3	494.67	ණිදුන්	40 48	44272	467.59		30/5	23:4 5	67.2	66.8	67.5	62.2	66.8	663	666,68	662
29/5 29/5	1945 2990	\$4.¥ \$2.4	19:3-19 19:3-19	\$24-5 \$62-6	\$94-64 \$92-84	4944-0 1.642-1	423.7 467.45	1079 1079	4037 40370		<u>30/5</u> 30/5	22:00 22:15	67.8 67.8	66.6 66.6	67.8 67.2	668 668	699.3 666.9	666.5) 666.5)	666.7	6664 6666
30/5	20:165	52.6	61.9	69.7	623	4 87 ()	£1.5	108.7	400 40	1	30/5	24:30	67.0	66.9	67.5	67.2	66.9	66.3	6669	666.42
29/5 29/5	2030	53.8 52.5	59.5 53.6	50.4 52.4	52.g	409.2 409.9	52.5 53.2	469.5 50.4	50.8 51.3		<u>30/5</u> 30/5	22:45	67.5 66.2	66.5 66.2	67.1 62.4	66.2 66.4	666.6	66 6.4	666.6 665.4	606.3 605.7
29/9	201495	<u>93:4</u> 63:3	53.6 67.8	574.9 48.9	535.5 49.5	49.9 48.4	593.22 2610.96	50.4 48.5	591.3 4 2670.68		30/65	1 <u>(5,000</u> 1(5:1155	69.2 69.8	69.2 70.9	69.6	69.4 69.4	657.49 668.47	69.S	699.2 ⁴	668.90
29/5	291:145	<u>§3.9</u>	69 6	<u>\$2.8</u>	<u>5</u> 0.8	£0.₽	50.2	<u>50</u> 7	<u>528</u>		30/65	105330	68.0	67.5	68.5	68.1	68.9	607.54	668.70	607.36
<u>29/5</u> 29/5	29i390 29i345	<u>98.4</u> 98.8	<u>69.</u> 60.6	\$4.2 \$1.8	<u>59.7</u> 56.2	<u>169.6</u> 159.8	<u>559.1</u> 559.8	59.5 59.7	<u>599.1</u> 549.2		30/65 30/65	105.4455 116.000	67.9 67.9	67.Q 59.3	68.8 68.3	667.47 568.16	67.3 58.4	607.4 587.5)	607.97 5697.07	607.23 587.02
29/5	272.900	§7:2	69.2	§4.6	56. 9	£9.₽	58.5	5 9.4	59.2		30/65	16:115	67.9	66.9	68.8	67.D	647.8	66.39	667.6	667.12
<u>29/5</u> 29/5	272:1155 272:390	<u>69.2</u> 69.8	\$9.4 \$9.5	\$6.7 \$4.2	<u>\$9.5</u> \$4.6	\$1.9 \$9.6	<u>58.7</u> 59.3	56.S	5510.48 569.4		30/65 30/65	16300 16455	62.4 68.2	68.9	62. 0 62.9	62.3 68.5	62.08 628.24	672.74 667.69	671.78 6828.25	6711.45 6618.61
29/5	272.445	58.A	58.7	59.9	59. 6	56 .48	59.3	<u>5</u> 78.72	580		310/65	127.000	68. 2	67.6	62.6	62.0	668.72	67.25	6628.02	6617.77
<u>29/5</u> 29/5	28.00 28:15	<u>58.5</u> 64.2	<u>53.6</u> 53.6	59.0 52.2	<u>54.</u> 3 63.8	<u>58.4</u> 53.5	53.9 52.9	<u>583</u> 52.8	537.39 5521.24		30/65	127:1155 127:3300	68.9 68.8	65.5 67.6	668.04 668.94	67.0 67.5	648.D 668.5	6647.93 6617.83	6648.60 6628.10	6647.56 6617.65
29/9	28:30	<u>94:2</u> §§:4	93.6 99.6	94.4 §7.3	<u>99.0</u>	<u>564</u> .β	<u>392.9</u> \$5\$9.(\$	32.0 565.&	<u>52.2</u>		30/65	127.4455	68.8	67.3	62.4	6Z.9	62.4	67.8	6628.40	6617.95
29/5	283.445	<u>§3.8</u>	\$3.6	<u>\$3.3</u>	\$3.A	<u>\$2.4</u>	\$2 <u>.</u> 3	<u>\$2.</u> 3	5 <u>5</u> 21.78		310/65 310/65	138,000	62.3 62.3	67.9	62.5 62.5	67.3	652.D 652.I	67.2	66890	6617.65
<u>30/5</u> 30/5	0:00 0:15	64.3 64.2	<u>64.6</u>	64.1 64.6	<u>\$24.34</u> \$52.8	\$93.74 \$52.64	\$614.74 \$618.99	5 <u>63</u> 45 5 <u>52</u> 79	56 <u>6</u> 26 5628.05		30/65	138.1155 138.3300	68.2	67.4 67.8	62.34 628.74	67.2 67.5	තුන.ග කිසි.ඔ	667.53 667.32	6628.20 6628.10	6617.75 6617.65
30/5	0:30	<u>62.8</u>	\$Z.7	<u>52.9</u>	\$Z.\$	<u>\$2</u> .8	\$7.7 £0.7	<u>5626.14</u>	56676		310/65	138:4455	68.2	67.3	62.4	67.6	627.09	6617.61	627.29	6617.73
30/5 30/5	0:45 10:000	65.6 62,2	\$4.4 \$2.0	<u>\$2.8</u> \$2.10	<u>\$2.2</u> \$2.7	\$\$3.97 \$\$2.05	56B.15 56B.15	56B.99 56B.64	56B.60 56B.21		310/65	149.000 149.1155	68.2 68.2	62.6 62.2	68.0 68.4	62.8	627.47 6627.95	667.33 6627.10	6627.61 6627.86	6626.26 6627.21
30/5	101155	<u>64.9</u>	<u>62.5</u>	<u>64.2</u>	54.0	53.6	\$2.2	5 83.52	582,29		310/65	149.330	68.9	67.8	67.9	62.3	67.5	666.77	6627.53	66698
30/5 30/5	110,380 110,4455	64.0 64.0	53.4 53.8	\$4.5 \$4.6	<u>\$3.9</u> \$4.6	\$3.19 \$43.19	<u>53</u> .5 53.6	534.6 548.9	583.26 583.65		310/65	149:4455 250:000	67.9 67.8	67.4 66.9	67.8 67.7	67.6 67.6	6617.82 6607.71	666.95 666.15	6617.52 5697.91	6616.16 5696.76
30/5	121,000	5 6 .2	64 .6	56.9	<u>5</u> 5.2	555.0	564.5	565.0	5644.46		310/65	250.1155	62.6	66.9	67.8	67.4	67.0	666.64	6617.20	6606.74
30/5 30/5	121,1165 121,3300	65.6 66.4	64.7 65.7	55.7 56.9	69.8 67.2	555.8 556.54	5644.50 5666.81	5654.07 5686.14	5644.54 5686.22		310/65	20,300 20,445	67.8 67.4	66.8 66.2	67.5 67.5	67.2 67.4	66.9 66.4	666.93 666.73	6617.40 6616.19	666.14 6606.83
30/5	121,4455	69.2	<u>69.</u> 6	58.10	58.5	58.2	589.72	5579.92	5678.09		310/65	261:000	67. 5	66.8	67.5	67.6	6 6.9	666.B	6617.70	66663
30/5	12000	6 8 .8	58. 7	55.S	56.2	55.3	55.5	564.8			310/65 310/65	261:1155 261:330	67.2 67.3	66.6	67.0 67.5	67.4	666.93	6692 666.03		66662 666.13
30/5 30/5	122.1185 122.3300	69.1 67.9	56.8 56.2	58.8 57.8	57.5 57.2	5616.74 566.94	5676.01 5666.12	5675.99 5666.95	565.47 566.21		310/65	20:30	67.4	66.8 66.8	67.5	607.8 607.5	665.9 67.3	5656.74	667.10	666.14
30/5	122,4455	66.9	56. 4	57 .4	56.4	56. 3	566.6	566.84	565.69		30/65	22,000	67.6	66.8	67.8	67.9	66.8	666.3	666.9	
30/5 30/5	1430000 143:155	68.0 62.8	56.8 68.8	58.0 67.2	56.9 67.9	556.34 555.65	5576.71 6526.41	566.65 666.56	56690 66600		310/65 310/65	272:1155 272:330	67.2 62.3	66.3 66.8	67.8 67.3	607.82 667.0	66.9 66.7	565.84 6616.13	666.39 666.78	
30/5	1433300	62.6	68.6	67.2	63.1	66.Z	666.11	666.85	66640		30/65	212:445	62.3	66.9	67.0	67.9	66.7	66.2	6667	666.12
30/5 30/5	1434455 1540000	66.9 56.9	66. 6 58.4	67.D 58.9	66.5 56.8	555.34 556.14	65.2) 555.39	5665.75 5666.25	605.09 5675.99		30/65 30/65	288.000 288:115	66.8 92.9	66.9 92.8	66.4 61.0	66.3 612.0	65.9 60.9	65.5 60.0	665 <u>8</u> 60.4	<u>6615.11</u> 5791.90
30/5	154.1155	63.0	68.9	62.0	66.6	66.6	666.40	666.76	662620		30/5	28.30	69.3	67.5	68.0	68.1	67.9	\$7.3	667.18	5697.94
30/5 30/5	1543300 1544455	68.9 59.0	58.5 58.3	58.10 597.2	56.S	566.5 566.5	5576.90 5566.10	566.5 566.5	5686.00 5686.10		319/65 311/65	288:445 9:00	68.9 58.9	67. <u>5</u> 58.8	68.2 58.7	67.8 58.8	607.27 588.0	567.9 567.57	6677.97 5678.81	56753 56764
30/5	165000	58.9	58.5	59.1	56.8	56.4	566	566.46	56640		311/65	9:15	67.0	67.2	68.8	67.9	67.5	67.3	67.6	661792
30/5 30/5	1651165 165330	62.5 62.5	68.5 68.9	67.3 67.4	66.9 67.7	66.6 66.2	666.0 666.2	666.37 666.78	66631 666691		31/65 31/65	9:30 9:45	90.2 67.4	90.3 66.9	69.9 67.6	69.4 67.5	685 672	\$9 <u>8</u> \$633	68.7 67.9	<u>668-7</u> 667-90
30/5	1654455	64.2 58.0	66.9 56.6	67.4 57.8	1565.3	999.20 567.26	1963 1963	66.57 5676.57	557631		31/65	10990	68: 8	69.7	68.7	69.8	68.7	68 .0	68.5	669.0
30/5	176000	66.2	68.0	66.Z	66.6	555.89 FØ 7	65.54	565.55 671 7	653		31/65 31/65	10.145 10.390	67.4 63.4	67.4 62.5	67.8 63.4	67.5 63.0	67.3 62.9	ŝ Ŝ Ŝ	637.51 674.90	6373 6215
30/5 30/5	176.1155 176.380	62.2 58.9	63.D 58.2	60.6 58.0	672.3 587.8	579.34 567.86	672.45 5677.91	6701.76 5677.95	6711.19 5677.73		31/65	10.30	99.7 67.8	67.4	99.4 67.9	42.0 67.8	69.9 67.9	6234 673	94.90 637.95	64 <u>5</u> 675
30/5	176.445	56.5	56. <u>4</u>	59.4	50.2	5 9.0	562	5 976	565921		31/65	121900	67.2		67.6	67.S	627.8	66 2)	677.8	62731
31/5 31/5	17:00 17:15	68.2 67.9	67.4 67.1	68.2 67.9	67.8 67.4	67.8 67.4	67.2 66.8	67.8 67.4	67.5 67.0		1/6 1/6	11:15 11:30	70.7 67.5	71.5 67.0	70.4 67.9	71.6 67.6	69.7 67.4	71.1 67.1	70.4 67.4	70.7 67.3
31/5	17:30	72.9	72.9	71.9	72.3	71.3	72.4	72.0	71.9		1/6	11:45	67.2	67.1	67.6	67.6	67.0	67.1	67.1	67.1
31/5 31/5	17:45 18:00	68.4 68.2	67.7 67.4	68.4 68.3	68.0 67.8	68.0 67.9	67.4 67.3	68.0 67.9	67.7 67.5		1/6 1/6	12:00 12:15	67.3 67.4	66.9 67.2	67.4 67.7	67.3 67.7	66.8 67.0	66.8 67.0	66.3 67.1	66.2 67.0
31/5	18:15	68.1	67.4	68.4	67.9	67.9	67.3	67.9	67.5		1/6	12:30	67.4	67.0	67.4	67.5	66.9	66.7	66.9	66.8
31/5	18:30	67.9	67.0	68.1	67.6	67.6	67.0	67.6	67.2		1/6	12:45	67.5	67.3	67.7	67.6	66.9	66.8	67.1	66.7
31/5 31/5	18:45 19:00	69.4 72.8	67.3 73.1	68.9 71.5	67.6 72.7	68.2 70.9	67.1 72.8	68.3 71.9	67.4 72.3	40	1/6 1/6	13:00 13:15	67.2 67.0	66.9 66.6	67.3 67.2	67.2 67.1	66.7 66.6	66.4 66.4	66.8 66.7	66.5 66.4
31/5	19:15	69.0	68.2	68.8	68.7	68.2	68.0	68.4	68.0	40	1/6	13:30	67.2	66.8	67.3	67.2	66.7	66.4	66.7	66.4
31/5 31/5	19:30 19:45	68.2 68.0	67.3 67.1	68.3 68.2	67.8 67.6	67.8 67.7	67.1 67.0	67.8 67.7	67.3 67.2		1/6 1/6	13:45 14:00	67.1 67.1	66.7 66.7	67.2 67.1	67.0 67.0	66.6 66.6	66.3 66.2	66.7 66.7	66.3 66.3
31/5	20:00	67.9	67.2	67.7	67.6	67.2	66.9	66.9	66.4		1/6	14:15	67.0	66.8	67.2	67.1	66.6	66.2	66.7	66.3
31/5	20:15	68.1	67.4	68.1	67.8	67.4	67.1	67.5	67.1		1/6	14:30	66.9	66.6	67.1	66.9	66.5	66.2	66.6	66.2

1/6	14.45	66.0	66.6	67.1	66.0	66 F	66.1	66.6	66.2		16	0:00	69.2	67.0	69.4	67.0	69.0	67.4	69.0	67.4
1/6 1/6	14:45 15:00	66.9 67.0	66.6 66.6	67.1 67.1	66.9 66.9	66.5 66.6	66.1 66.2	66.6 66.7	66.2		2/6 2/6	9:00 9:15	68.2 68.3	67.2 67.4	68.4 68.6	67.8 68.0	68.0 68.1	67.1 67.4	68.0 68.1	67.4 67.6
1/6	15:15	67.2	66.9	67.3	67.1	66.7	66.3	66.8	66.3		2/6	9:30	68.3	67.4	68.5	67.9	68.1	67.4	68.1	67.6
1/6	15:30	67.2	66.8	67.2	66.4	66.7	66.3	66.8	66.3	2	2/6	9:45	68.9	67.6	68.9	68.0	68.2	67.5	68.3	67.6
1/6	15:45	67.2	66.7	67.2	67.0	66.7	66.2	66.7	66.3		2/6	10:00	68.8	67.6	68.7	67.9	68.1	67.4	68.1	67.5
1/6 1/6	16:00 16:15	66.7 68.1	66.2 67.6	66.6 68.3	66.5 68.2	66.1 67.7	65.7 67.5	65.6 67.8	59.4 67.7		2/6 2/6	10:15 10:30	69.2 68.4	68.1 67.5	69.1 68.7	68.2 68.0	68.5 68.1	67.7 67.4	68.5 68.2	67.6 67.6
1/6	16:30	67.7	67.0	67.8	67.6	67.3	67.0	67.4	67.1		2/6	10:30	68.3	67.3	68.5	68.0	68.0	67.3	68.0	67.5
1/6	16:45	68.4	67.8	68.5	68.4	68.0	67.7	68.0	67.8		2/6	11:00	68.3	67.3	68.6	67.9	68.1	67.3	68.1	67.5
1/6	17:00	68.1	67.3	68.1	67.7	67.7	67.1	67.7	67.3	2	2/6	11:15	68.3	67.4	68.5	67.9	68.1	67.3	68.1	67.5
1/6	17:15	68.0	67.2	68.0	67.6	67.5	67.0	67.5	67.2		2/6	11:30	68.4	67.4	68.7	68.0	68.2	67.4	68.2	67.6
1/6 1/6	17:30 17:45	67.9 72.8	67.1 73.2	67.9 71.2	67.4 72.2	67.3 70.6	66.8 72.6	67.4 71.7	67.0 71.6		2/6 2/6	11:45 12:00	68.3 68.2	67.3 67.5	68.4 67.9	67.7 68.0	68.0 67.6	67.2 67.3	68.0 66.9	67.4 66.7
1/6	18:00	70.9	71.2	69.8	70.4	69.0	70.5	69.4	69.3		2/6	12:00	68.3	67.4	68.3	67.8	67.7	67.1	67.7	67.2
1/6	18:15	69.2	68.4	69.1	69.0	68.6	68.2	68.7	68.4		2/6	12:30	68.1	67.3	68.1	67.6	67.6	67.0	67.6	67.0
1/6	18:30	68.6	67.9	68.7	68.4	68.2	67.8	68.2	67.9		2/6	12:45	68.0	67.1	68.0	67.5	67.5	66.9	67.6	67.0
1/6 1/6	18:45 19:00	68.4 68.3	67.6 67.5	68.6 68.5	68.1 68.1	68.0 68.0	67.5 67.4	68.0 68.0	67.7 67.6		2/6 2/6	13:00	67.9 67.8	67.1 67.0	67.9	67.4	67.5	66.7 66.7	67.5 67.4	66.9
1/6	19:00	68.2	67.5	68.3	67.9	67.8	67.3	67.9	67.6		2/6	13:15 13:30	67.7	66.9	67.9 67.8	67.3 67.3	67.4 67.4	66.6	67.4	66.8 66.8
1/6	19:30	68.2	67.2	68.3	67.6	67.8	67.0	67.8	67.2		2/6	13:45	67.7	66.9	67.9	67.3	67.4	66.7	67.4	66.8
1/6	19:45	69.5	69.0	69.4	69.6	68.8	68.8	69.0	68.9	2	2/6	14:00	67.7	66.8	67.8	67.2	67.4	66.5	67.3	66.7
1/6	20:00	67.6	67.1	67.5	67.4	67.0	66.8	66.6	66.2		2/6	14:15	67.7	66.9	68.0	67.4	67.5	66.7	67.5	66.8
1/6 1/6	20:15 20:30	68.0 67.9	67.4 67.2	68.0 68.0	67.7 67.7	67.4 67.4	67.0 66.9	67.4 67.4	67.0 67.0		2/6 2/6	14:30 14:45	67.7 67.6	66.8 66.9	67.8 67.7	67.2 67.2	67.3 67.3	66.5 66.5	67.3 67.2	66.6 66.6
1/6	20:30	67.9	67.2	67.7	67.5	67.3	66.8	67.3	66.9		2/6	15:00	67.6	67.0	67.8	67.2	67.3	66.5	67.2	66.7
1/6	21:00	67.6	67.0	67.6	67.3	67.1	66.6	67.2	66.7		2/6	15:15	67.6	66.9	67.7	67.2	67.2	66.5	67.2	66.6
1/6	21:15	67.6	67.0	67.6	67.3	67.1	66.6	67.1	66.6		2/6	15:30	67.6	66.9	67.7	67.2	67.3	66.5	67.3	66.7
1/6	21:30	67.5	66.9	67.5	67.2	67.0	66.5	67.0	66.6		2/6	15:45	67.6	67.0	67.8	67.3	67.3	66.6	67.3	66.7
1/6 1/6	21:45 22:00	67.5 67.5	66.9 66.9	67.6 67.5	67.3 67.2	67.1 66.9	66.5 66.4	67.1 67.0	66.6 66.5		2/6 2/6	16:00 16:15	71.8 68.2	72.9 67.3	70.9 68.5	70.4 67.9	70.0 68.0	71.3 67.3	70.3 68.0	68.8 67.5
1/6	22:00	67.3	66.8	67.4	67.1	66.9	66.4	66.9	66.5		2/6	16:30	71.2	70.3	70.9	70.9	70.5	70.3	70.8	70.3
1/6	22:30	67.4	66.8	67.4	67.1	66.9	66.4	66.9	66.4		2/6	16:45	68.1	67.3	68.3	67.8	67.8	67.2	67.8	67.4
1/6	22:45	67.4	66.8	67.4	67.0	66.8	66.3	66.8	66.3		2/6	17:00	69.0	68.9	68.9	68.8	68.2	68.3	68.3	67.9
1/6	23:00	67.3	66.7	67.3	67.1	66.8	66.3	66.8	66.4		2/6 2/6	17:15 17:30	68.2 68.1	67.3 67.2	68.3 68.4	67.7 67.7	67.8 67.9	67.2 67.2	67.9 67.9	67.4 67.4
1/6 1/6	23:15 23:30	67.3 67.2	66.7 66.7	67.3 67.3	67.0 67.1	66.8 66.8	66.3 66.3	66.8 66.8	66.3 66.3		2/6	17:45	68.1	67.3	68.4	67.8	68.0	67.3	68.0	67.5
1/6	23:45	67.4	66.9	67.5	67.3	66.9	66.4	66.9	66.4		2/6	18:00	68.2	67.3	68.4	67.8	68.0	67.2	67.9	67.4
2/6	0:00	67.1	66.5	67.1	66.8	66.5	66.2	66.1	65.8		2/6	18:15	68.3	67.4	68.5	67.8	68.0	67.3	68.0	67.5
2/6	0:15	67.7	67.1	67.7	67.4	67.2	66.9	67.3	67.0		2/6	18:30	68.5	67.5	68.7	68.0	68.2	67.4	68.2	67.6
2/6 2/6	0:30 0:45	68.1 67.9	67.3 67.2	68.2 68.0	67.9 67.6	67.7 67.6	67.3 67.1	67.8 67.6	67.5 67.3		2/6 2/6	18:45 19:00	70.7 68.2	70.5 67.3	70.3 68.4	70.5 67.7	69.5 67.9	70.0 67.2	69.8 67.9	69.2 67.4
2/6	1:00	67.8	67.0	67.9	67.5	67.4	66.8	67.4	67.0		2/6	19:15	68.2	67.2	68.5	67.7	67.9	67.2	67.9	67.3
2/6	1:15	73.1	73.5	71.8	72.5	70.9	72.9	71.8	72.0	2	2/6	19:30	68.4	67.4	68.6	67.9	68.1	67.4	68.1	67.5
2/6	1:30	72.6	73.1	71.6	72.3	70.9	72.5	71.8	71.9		2/6	19:45	68.7	67.7	68.9	68.3	68.5	67.7	68.5	67.9
2/6	1:45	70.5	70.3	69.7	69.7	68.6	69.5	69.0	68.5		2/6 2/6	20:00	67.8	67.3	67.8	67.7	67.4 68.2	67.1	66.8	66.5
2/6 2/6	2:00 2:15	69.7 71.8	70.4 71.6	69.1 70.5	69.7 70.6	68.2 69.7	69.4 70.9	68.3 70.2	68.1 69.7		./6 2/6	20:15 20:30	68.6 68.5	67.8 67.7	68.7 68.6	68.2 68.1	68.1	67.5 67.4	68.2 68.1	67.6 67.5
2/6	2:30	68.0	67.2	68.0	67.5	67.5	67.0	67.5	67.2		2/6	20:45	68.3	67.5	68.4	67.9	67.9	67.2	67.9	67.3
2/6	2:45	68.0	67.1	68.1	67.6	67.6	67.0	67.6	67.2		2/6	21:00	68.1	67.3	68.2	67.7	67.7	67.0	67.7	67.2
2/6	3:00	68.1	67.3	68.3	67.9	67.7	67.2	67.7	67.4		2/6	21:15	68.0	67.3	68.1	67.7	67.7	67.0	67.6	67.1
2/6 2/6	3:15 3:30	68.1 68.2	67.3 67.3	68.2 68.4	67.7 67.8	67.7 67.8	67.1 67.2	67.7 67.8	67.3 67.3		2/6 2/6	21:30 21:45	67.8 67.8	67.1 67.1	68.0 67.9	67.5 67.5	67.5 67.5	66.9 66.8	67.5 67.5	67.0 66.9
2/6	3:45	68.3	67.4	68.4	67.8	67.9	67.2	67.9	67.4		2/6	22:00	67.8	67.0	68.0	67.5	67.5	66.8	67.5	67.0
2/6	4:00	68.4		68.1	68.3	67.8	67.5	66.7	67.0	2	2/6	22:15	67.6	66.8	67.7	67.3	67.3	66.6	67.2	66.7
2/6	4:15	67.9	67.3	67.9	67.7	67.4	67.0	67.4	67.1		2/6	22:30	67.8	67.0	67.9	67.3	67.4	66.6	67.3	66.8
2/6	4:30	67.9	67.2	67.8	67.5	67.3	66.9	67.4	67.0		2/6 2/6	22:45 23:00	67.6 67.6	66.9 66.8	67.8 67.8	67.3 67.3	67.3 67.3	66.6 66.6	67.3 67.3	66.7 66.7
2/6 2/6	4:45 5:00	67.8 67.7	67.1 67.0	67.8 67.8	67.4 67.4	67.2 67.3	66.7 66.7	67.3 67.3	66.8 66.8		2/6	23:00	67.6	66.9	67.9	67.3	67.3	66.6	67.3	66.8
2/6	5:15	67.6	67.1	67.7	67.3	67.2	66.6	67.3	66.7		2/6	23:30	67.7	67.0	67.9	67.4	67.4	66.7	67.4	66.8
2/6	5:30	67.6	67.0	67.7	67.3	67.2	66.6	67.2	66.7		2/6	23:45	67.8	67.1	68.0	67.5	67.5	66.7	67.5	66.9
2/6	5:45	67.6	67.0	67.7	67.3	67.2	66.5	67.2	66.7		6/6	0:00	67.5	66.8	67.7	67.1	67.2	66.7	67.1	66.6
2/6 2/6	6:00 6:15	67.6 67.6	66.9 66.9	67.7 67.7	67.3 67.2	67.2 67.1	66.5 66.5	67.2 67.2	66.6 66.6		6/6 6/6	0:15 0:30	68.1 72.2	67.2 72.1	68.3 71.6	67.6 71.9	67.8 71.0	67.1 72.0	67.8 71.6	67.3 71.4
2/6	6:30	67.5	66.9	67.7	67.2	67.1	66.5	67.1	66.6		/6	0:45	68.8	67.7	68.9	68.3	68.3	67.6	68.3	67.8
2/6	6:45	67.6	66.9	67.7	67.2	67.2	66.5	67.2	66.6		6/6	1:00	68.4	67.5	68.6	67.9	68.1	67.3	68.1	67.5
2/6	7:00	67.6	66.9	67.6	67.2	67.1	66.4	67.1	66.6		6/6	1:15	68.5	67.5	68.6	67.9	68.2	67.3	68.2	67.5
2/6	7:15	67.5	67.0	67.7	67.2	67.1	66.5	67.2	66.6		6/6	1:30	68.7	67.6 67.9	68.9 69.2	68.2	68.4 68.7	67.6 67.9	68.4 68.7	67.8 68.1
2/6 2/6	7:30 7:45	67.6 67.6	67.0 66.9	67.6 67.6	67.2 67.2	67.1 67.1	66.4 66.4	67.1 67.2	66.6 66.6		6/6 6/6	1:45 2:00	69.1 68.3	67.9	69.2 68.5	68.6 67.8	68.7 68.1	67.9	68.0	68.1 67.4
2/6	8:00	71.5	72.3	71.0	70.1	70.0	71.2	69.7	68.1		/6	2:15	68.4	67.4	68.6	67.8	68.2	67.3	68.1	67.5
2/6	8:15	67.7	66.9	67.9	67.4	67.4	66.8	67.5	67.0	3.	6/6	2:30	68.3	67.3	68.5	67.8	68.1	67.3	68.1	67.4
2/6	8:30	69.2	68.5	69.2	69.2	68.7	68.5	68.9	68.6		6/6	2:45	68.3	67.3	68.5	67.8	68.0	67.2	68.0	67.4
2/6	8:45	68.3	67.3	68.4	67.8	67.9	67.2	68.0	67.4	- 3	6/6	3:00	68.3	67.3	68.5	67.8	68.1	67.3	68.1	67.5

2/0	2.45	CO 4	07.0	C0 F	077	C0 4	07.0	CO 4	075		2/0	01.00	07.4	<u></u>	07.0	00.0	<u></u>	00.4	<u> </u>	00.5
3/6 3/6	3:15 3:30	68.4 68.4	67.3 67.3	68.5 68.6	67.7 67.8	68.1 68.2	67.3 67.3	68.1 68.2	67.5 67.5		3/6 3/6	21:30 21:45	67.1 68.4	66.3 67.4	67.3 68.3	66.9 67.8	66.8 67.8	66.1 66.9	66.9 67.7	66.5 67.1
3/6	3:45	68.5	67.4	68.7	67.8	68.2	67.3	68.2	67.6		3/6	22:00	68.0	67.5	68.2	67.7	67.8	67.0	67.7	67.1
3/6	4:00	68.0	67.5	67.8	68.0	67.5	67.2	67.2	66.5		3/6	22:15	68.7	67.8	68.6	68.2	68.2	67.4	68.0	67.5
3/6	4:15	68.5	67.6	68.5	67.9	68.0	67.3	68.0	67.4		3/6	22:30	68.8	67.9	68.8	68.2	68.4	67.6	68.3	67.7
3/6 3/6	4:30 4:45	68.4 68.1	67.5 67.3	68.5 68.2	67.9 67.7	67.9 67.7	67.2 67.0	67.9 67.7	67.4 67.1		3/6 3/6	22:45 23:00	69.6 69.8	68.6 68.7	69.6 69.8	68.8 69.0	69.0 69.3	68.0 68.3	69.0 69.1	68.1 68.5
3/6	5:00	68.1	67.3	68.2	67.6	67.8	67.0	67.7	67.1		3/6	23:00	69.2	68.2	69.4	68.3	68.7	67.8	68.5	67.7
3/6	5:15	68.0	67.2	68.1	67.5	67.7	66.9	67.7	67.1		3/6	23:30	69.2	67.9	69.3	68.5	68.9	67.9	68.6	67.8
3/6	5:30	67.9	67.1	68.1	67.6	67.6	66.9	67.6	67.0		3/6	23:45	69.3	68.2	69.3	68.6	69.1	68.2	69.0	68.1
3/6	5:45	67.8	67.0	67.9	67.4	67.5	66.8	67.4	66.9		4/6	0:00	68.4	67.1	68.3	67.5	68.0	66.3	68.1	67.1
3/6 3/6	6:00 6:15	67.0 66.6	66.3 66.3	67.3 67.3	66.5 67.0	67.0 66.9	66.2 66.2	66.8 66.7	66.2 66.2		4/6 4/6	0:15 0:30	69.9 69.9	68.6 68.2	70.1 69.8	68.8 68.5	69.6 69.3	68.4 67.5	69.5 68.9	68.6 67.9
3/6	6:30	66.7	66.1	67.3	66.9	66.8	66.1	66.5	66.0		4/6	0:45	70.8	69.0	70.7	69.3	70.3	68.6	70.1	68.8
3/6	6:45	66.4	66.0	67.1	66.6	66.7	66.1	66.7	66.3	4	4/6	1:00	69.9	68.6	69.8	69.0	69.8	68.1	69.9	68.6
3/6	7:00	65.3	65.1	66.0	65.6	65.5	64.9	65.0	64.8		4/6	1:15	71.7	70.0	71.9	70.3	71.4	69.8	71.3	70.0
3/6 3/6	7:15 7:30	66.9 66.7	66.4 66.3	67.6 67.3	67.3 66.9	66.8 66.9	66.1 66.1	66.8 66.6	66.3 66.2		4/6 4/6	1:30 1:45	71.2 71.8	69.8 70.1	71.4 72.2	70.2	70.9	69.1 69.9	70.9 71.5	69.8 70.1
3/6	7:45	67.5	66.7	67.8	67.4	67.2	66.5	67.2	66.6		4/6	2:00	72.5	70.6	72.4	71.2	72.3	70.4	72.1	70.1
3/6	8:00	66.9	66.3	67.6	66.9	67.0	66.4	66.8	66.5		4/6	2:15	73.0	71.4	73.1	71.8	72.7	71.1	72.5	71.5
3/6	8:15	67.1	66.6	67.9	67.3	67.4	66.8	67.3	67.1		4/6	2:30	72.7	71.2	72.6	71.7	72.3	70.9	72.4	71.3
3/6	8:30	67.5	66.7	67.7	67.3	67.4	66.7	67.2	66.7		4/6	2:45	73.4	71.6	73.6	72.1	73.1	71.3	73.0	71.6
3/6 3/6	8:45 9:00	68.0 68.1	67.1 67.1	68.3 68.4	67.7 67.8	67.9 67.8	67.2 67.2	67.9 67.8	67.5 67.3		4/6 4/6	3:00 3:15	73.3 73.5	71.9 71.8	73.5 73.3	72.5 72.2	73.0 73.0	71.6 71.4	72.9 72.9	72.0 71.8
3/6	9:00	68.5	67.4	68.6	68.2	68.2	67.5	68.4	67.8		4/6	3:30	74.0	72.3	74.3	72.8	73.7	72.0	73.6	72.2
3/6	9:30	68.0	67.2	68.2	67.7	67.8	67.2	67.9	67.4	4	4/6	3:45	73.8	72.3	73.6	72.8	73.3	71.9	73.2	72.3
3/6	9:45	68.3	67.3	68.5	67.7	68.0	67.2	68.0	67.4		4/6	4:00	74.0	72.6	74.0	73.1	73.7	72.4	73.5	72.5
3/6 3/6	10:00 10:15	68.2 67.4	67.2 66.7	68.5 67.9	67.8 67.2	68.0 67.6	67.3 66.7	68.0 67.4	67.5 66.9		4/6 4/6	4:15 4:30	73.2 73.0	71.9 71.8	73.1 72.9	72.2 72.2	72.7 72.7	71.6 71.6	72.6 72.6	71.7 71.8
3/6	10:13	67.4	66.4	67.5	66.9	67.4	66.6	67.4	66.8		4/6	4:45	72.5	71.3	72.5	71.7	72.1	71.2	72.0	71.3
3/6	10:45	67.6	66.8	68.0	67.0	67.4	66.6	67.3	66.7		4/6	5:00	72.2	71.1	72.4	71.5	72.0	71.0	71.8	71.1
3/6	11:00	68.0	66.9	68.0	67.5	67.6	66.7	67.6	67.1		4/6	5:15	72.2	71.1	72.2	71.3	71.8	70.8	71.6	71.0
3/6	11:15	68.1	67.1	68.3	67.5	67.9	67.2	68.0	67.3		4/6	5:30	72.1	71.0	72.1	71.3	71.8	70.8	71.7	71.0
3/6 3/6	11:30 11:45	67.8 67.8	66.9 66.7	68.1 68.1	67.2 67.0	67.6 67.6	66.7 66.8	67.4 67.5	66.9 66.8		4/6 4/6	5:45 6:00	71.5 70.5	70.6 69.6	71.7 71.1	70.8 70.2	71.3 70.8	70.3 69.8	71.1 70.4	70.3 69.8
3/6	12:00	67.9	66.6	67.9	67.2	67.4	66.6	67.3	66.6		4/6	6:15	69.9	69.5	70.8	70.0	70.4	69.6	70.3	69.7
3/6	12:15	67.5	66.5	67.9	67.3	67.6	66.8	67.5	66.8	4	4/6	6:30	70.6	69.6	70.7	69.8	70.2	69.2	70.0	69.6
3/6	12:30	67.5	66.5	67.9	67.2	67.7	66.8	67.5	66.8		4/6	6:45	70.5	69.4	70.7	70.1	70.6	69.6	70.3	69.7
3/6 3/6	12:45 13:00	67.6 67.0	66.7 66.4	67.9 67.5	67.4 66.8	67.4 67.2	66.4 66.5	67.2 67.3	66.6 66.6		4/6 4/6	7:00 7:15	69.5 69.6	68.5 68.8	68.9 69.8	68.8 69.1	68.9 69.3	68.2 68.3	68.0 68.8	67.7 68.5
3/6	13:15	67.8	66.9	68.0	67.5	67.5	66.8	67.5	66.9		4/6	7:30	67.5	66.7	67.5	66.9	66.9	66.6	66.1	65.6
3/6	13:30	67.1	66.6	67.5	67.0	67.1	66.3	67.0	66.6		4/6	7:45	68.2	67.5	68.5	67.8	68.1	67.5	68.1	67.6
3/6	13:45	67.5	66.5	67.5	67.2	67.1	66.3	67.1	66.5		4/6	8:00	67.3	66.6	67.6	67.0	67.2	66.5	67.3	66.7
3/6	14:00	67.0	66.4	67.2	66.8	66.8	66.3	66.8	66.3		4/6	8:15	68.2	67.1	68.5	67.7	67.9	67.2	68.0	67.3
3/6 3/6	14:15 14:30	67.1 67.2	66.4 66.5	67.2 67.4	66.8 67.0	66.8 67.0	66.0 66.3	66.9 66.8	66.4 66.3		4/6 4/6	8:30 8:45	67.4 67.5	66.7 66.7	67.5 67.7	67.1 66.9	67.1 67.1	66.5 66.4	66.8 67.1	66.6 66.3
3/6	14:45	67.2	66.6	67.3	67.1	66.9	66.2	66.7	66.2		4/6	9:00	67.5	66.3	67.4	66.5	66.9	66.2	66.6	66.4
3/6	15:00	67.5	66.7	67.6	67.2	67.1	66.6	67.1	66.8		4/6	9:15	67.3	66.3	67.4	66.8	66.8	66.1	66.7	66.3
3/6	15:15	67.4	66.8	67.5	67.1	67.1	66.4	67.0	66.6		4/6	9:30	67.3	66.3	67.5	66.9	67.2	66.3	67.0	66.6
3/6 3/6	15:30 15:45	67.4 67.1	66.8 66.5	67.6 67.2	67.2 66.8	67.1 66.7	66.4 66.0	67.1 66.6	66.6 66.2		4/6 4/6	9:45 10:00	67.6 65.7	66.6 65.0	67.9 65.7	67.2 65.5	67.3 65.1	66.7 65.0	67.4 65.1	66.9 64.3
3/6	16:00	67.0	66.4	67.4	66.9	66.9	66.3	66.8	66.5		4/6	10:00	69.2	67.5	69.1	68.3	68.6	67.4	68.8	67.4
3/6	16:15	67.4	66.7	67.4	67.0	67.1	66.5	67.0	66.7	4	4/6	10:30	67.7	66.4	67.9	66.9	67.3	66.3	67.3	66.2
3/6	16:30	67.5		67.7	67.5		66.9	67.2			4/6	10:45	67.2	65.9	67.4	66.2	66.9	65.7	66.9	66.0
3/6	16:45 17:00	67.6	66.7	67.8	67.3	67.4	66.8	67.3	67.0		4/6 4/6	11:00 11:15	67.9 68.1	66.6 66.5	68.1 68.1	67.5 67.2	67.5 67.9	66.7 66.2	67.5 67.8	67.0 66.4
3/6 3/6	17:00	67.7 68.1	67.0 67.3	67.7 68.1	67.4 67.8	67.5 67.6	66.8 67.1	67.4 67.9	67.1 67.2		4/6	11:30	68.6	67.2	68.7	67.9	68.3	67.3	68.2	67.4
3/6	17:30	68.1	67.0	68.3	67.5	67.6	67.0	67.5	67.1		4/6	11:45	67.9	66.5	68.2	67.4	67.8	66.1	68.0	66.4
3/6	17:45	68.3	67.5	68.4	67.8	67.9	67.4	68.0	67.4		4/6	12:00	68.4	67.2	68.6	67.9	68.3	67.1	68.2	67.3
3/6	18:00	67.7	66.9	67.8	67.2	67.3	66.8	67.3	66.8		4/6	12:15	68.7	67.6	69.1	68.1	68.4	67.4	68.6	67.7
3/6 3/6	18:15 18:30	67.6 71.2	66.9 70.8	67.8 70.5	67.5 70.8	67.6 69.5	66.8 70.6	67.5 70.1	67.1 70.1		4/6 4/6	12:30 12:45	69.2 68.9	68.0 68.0	69.5 69.3	68.7 68.5	69.0 68.9	68.0 67.5	68.8 68.8	68.1 67.9
3/6	18:45	67.8	66.9	68.1	67.3	67.4	66.7	67.4	66.8		4/6	13:00	68.9	67.8	69.3	68.5	68.9	67.7	68.4	67.7
3/6	19:00	68.4	67.5	68.7	68.1	68.2	67.5	68.1	67.7	4	4/6	13:15	69.5	68.5	69.8	68.9	69.4	68.3	69.1	68.4
3/6	19:15	68.3	67.4	68.5	67.8	68.0	67.3	67.9	67.5		4/6	13:30	69.5	68.4	69.8	68.9	69.3	68.3	69.1	68.4
3/6	19:30	67.6	66.9	67.9	67.3	67.5	67.0	67.7	67.2		4/6 4/6	13:45 14:00	69.4 68.8	68.5 67.7	69.8 69.4	68.9 68.4	69.4 68.7	68.4 67.9	69.1 68.7	68.4 68.0
3/6 3/6	19:45 20:00	67.6 68.1	66.8 67.2	67.8 68.1	67.1 67.5	67.2 67.4	66.6 66.7	67.3 67.2	66.8 66.6		4/6 4/6	14:00	69.6	67.9	69.4 70.2	68.4 68.4	69.6	67.9 68.0	69.4	68.0
3/6	20:00	67.4	66.6	67.7	67.3	67.3	66.7	67.1	66.7		4/6	14:30	68.5	67.6	69.2	68.7	69.1	67.6	68.9	67.7
3/6	20:30	67.6	66.7	67.6	67.2	67.0	66.3	66.8	66.4		4/6	14:45	69.7	68.3	70.1	69.0	69.6	68.3	69.6	68.6
3/6	20:45	67.5	66.7	67.5	67.1	67.0	66.1	66.8	66.3		4/6	15:00	69.4	68.2	70.1	68.9	69.3	68.1	69.3	68.4
3/6 3/6	21:00	67.7 67.3	66.9	67.7	67.3	67.2	66.6	67.2	66.7		4/6 4/6	15:15 15:30	69.8 69.7	68.5 68.4	70.7 69.9	69.3 69.1	70.4 69.7	68.8 68.6	70.0 69.7	69.0 68.7
3/0	21:15	01.3	66.4	67.4	66.9	66.8	66.1	66.7	66.3			10.00	00.1		00.0	00.1	55.7	00.0	00.7	00.1

	0	1	1						
4/6	15:45	70.3	68.7	70.9	69.5	70.2	68.5	70.0	68.5
4/6	16:00	70.6	69.2	70.9	69.9	70.6	69.5	70.5	69.7
4/6	16:15	70.3	68.9	70.5	69.3	70.1	68.7	69.5	69.0
4/6	16:30	69.4	68.4	70.1	69.4	69.7	68.7	69.5	68.8
4/6	16:45	70.1	69.0	70.5	69.6	69.8	69.0	69.8	68.8
4/6	17:00	69.8	68.8	70.4	69.8	70.0	69.0	69.8	68.9
4/6	17:15	69.5	68.5	70.1	69.3	69.8	68.5	69.7	69.1
4/6	17:30	69.8	68.6	69.8	69.3	69.5	68.4	69.2	68.4
4/6	17:45	69.8	68.7	70.0	69.3	69.6	68.5	69.2	68.4
4/6	18:00	69.7	68.3	69.9	69.3	69.3	68.3	69.5	68.6
4/6	18:15	69.1	68.0	69.8	68.8	69.4	68.3	69.5	68.6
4/6	18:30	69.8	68.2	70.0	68.7	69.7	68.0	69.3	68.4
4/6 4/6	18:45	69.6	68.6	70.1	69.1	69.4	68.0	69.3	68.3
4/6	19:00 19:15	70.4	68.9 69.2	70.8	69.6	70.2	68.6	70.2	69.1
4/6		70.3		70.8	69.8	70.3	69.4	70.2	69.5
	19:30	69.8	68.3	70.2	68.7	69.3	67.9	69.4	68.3
4/6	19:45	69.8	68.8	70.4	69.3	69.9	69.0	69.7	68.8
4/6	20:00	69.5	68.5	70.3	69.0	69.7	68.6	69.6	68.9
4/6	20:15	69.8	68.6	70.4	69.3	69.6	68.5	69.4	68.7
4/6	20:30	69.3	68.5	69.6	68.7	69.5	68.4	69.2	68.7
4/6	20:45	69.9	68.7	70.2	69.2	69.4	68.5	69.2	68.5
4/6	21:00	68.8	68.0	69.6	68.6	69.5	68.7 68.8	69.2	68.7 69.0
4/6 4/6	21:15 21:30	69.9 69.4	68.9	70.3	69.5	69.9		69.7	
4/6			68.4 68.7	69.8	68.8 69.3	69.3	68.3	69.0	68.7
	21:45	69.7		70.0		69.4	68.4	69.1	68.6
4/6 4/6	22:00 22:15	69.3	68.3 68.7	70.0	69.5 69.3	69.4 69.5	68.7	69.2	68.7 68.7
4/6		69.7	68.8	70.1	69.5 69.6		68.4	69.3	
	22:30	70.3	69.3	70.6		70.3	68.7 69.4	70.1	69.1
4/6	22:45			70.8	69.9	70.3		70.2	69.6
4/6	23:00	70.2	68.8	70.5	69.5	70.2	68.6	70.1	68.9
4/6	23:15	69.5	68.6	70.2	69.4	69.9	68.9	69.5	69.2
4/6	23:30	69.7	68.2	69.9	68.9	69.6	68.0	69.7	68.6
4/6	23:45	70.1	68.8	70.5	69.2	69.7	68.8	69.7	69.0
5/6	0:00	69.3	68.4	70.1	69.2	69.9	68.9	69.6	68.9
5/6	0:15	70.0	68.7	70.3	69.2	69.5	68.7	69.4	68.6
5/6	0:30	69.7	68.8	70.3	69.6	69.8	68.9	69.9	69.1
5/6	0:45	69.0	68.4	70.0	69.0	69.5	68.4	69.0	68.3
5/6	1:00	69.0	68.1	69.7	69.1	69.4	68.7	69.2	68.7
5/6	1:15	69.8	69.0	70.4	69.7	69.9	69.1	69.9	69.2
5/6	1:30	69.9	69.0	70.4	69.8	70.0	69.2	69.9	69.3
5/6	1:45	69.8	69.0	70.4	69.6	69.8	69.0	69.7	69.1
5/6	2:00	69.6	68.5	70.0	69.3	69.4	68.4	69.5	68.7
5/6	2:15	69.9	68.7	70.2	69.5	69.6	68.5	69.8	68.8
5/6	2:30	70.3	69.0	70.9	69.7	70.4	69.1	70.2	69.2
5/6	2:45	70.0	69.0	70.5	69.8	69.9	68.9	69.9	69.1
5/6	3:00	70.4	68.9	71.0	69.6	70.4	69.0	70.2	69.1
5/6	3:15	70.1	69.1	70.8	69.9	70.2	69.4	70.2	69.4
5/6	3:30	70.1	68.7	70.6	69.5	70.1	68.6	69.9	68.9
5/6	3:45	70.1	69.1	70.7	69.8	70.3	69.3	70.2	69.5
5/6	4:00	70.2	69.0	70.6	69.8	70.3	69.2	70.1	69.2
5/6	4:15	70.0	69.0	70.6	69.8	70.2	69.1	69.9	69.1
5/6	4:30	69.8	68.8	-	69.6	69.9	68.9	69.7	69.0
5/6	4:45	69.7	68.9	70.3	69.6	69.9	69.0	69.8	69.1
5/6	5:00	69.7	68.9	70.4	69.6	69.9	69.0	69.8	69.1
5/6	5:15	69.9	69.0	70.5	69.8	69.9	69.1	69.8	69.1
5/6	5:30	69.8	68.9	70.4	69.7	69.9	69.1	69.8	69.2
- D/D	5:45	69.6	68.8 74.4	70.2 73.9	69.6	69.6	68.7	69.5	68.8
5/6				1.39	74.1	73.8	74.5	74.1	74.1
5/6	6:00	73.6			607	70 4	604		60 5
5/6 5/6	6:15	70.0	69.0	70.5	69.7	70.1	69.1	70.0	
5/6 5/6 5/6	6:15 6:30	70.0 69.9	69.0 68.5	70.5 70.4	69.4	69.9	68.3	69.6	68.7
5/6 5/6 5/6 5/6	6:15 6:30 6:45	70.0 69.9 70.1	69.0 68.5 68.9	70.5 70.4 70.8	69.4 69.7	69.9 70.2	68.3 69.2	69.6 69.9	68.7 69.1
5/6 5/6 5/6 5/6 5/6	6:15 6:30 6:45 7:00	70.0 69.9 70.1 69.6	69.0 68.5 68.9 68.4	70.5 70.4 70.8 70.1	69.4 69.7 69.3	69.9 70.2 69.7	68.3 69.2 68.5	69.6 69.9 69.8	68.7 69.1 68.8
5/6 5/6 5/6 5/6 5/6 5/6	6:15 6:30 6:45 7:00 7:15	70.0 69.9 70.1 69.6 60.7	69.0 68.5 68.9 68.4 59.4	70.5 70.4 70.8 70.1 61.0	69.4 69.7 69.3 63.2	69.9 70.2 69.7 62.5	68.3 69.2 68.5 62.4	69.6 69.9 69.8 59.6	68.7 69.1 68.8 57.8
5/6 5/6 5/6 5/6 5/6 5/6 5/6	6:15 6:30 6:45 7:00 7:15 7:30	70.0 69.9 70.1 69.6 60.7 54.0	69.0 68.5 68.9 68.4 59.4 56.0	70.5 70.4 70.8 70.1 61.0 59.9	69.4 69.7 69.3 63.2 61.2	69.9 70.2 69.7 62.5 59.3	68.3 69.2 68.5 62.4 60.3	69.6 69.9 69.8 59.6 61.1	68.7 69.1 68.8 57.8 59.0
5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6	6:15 6:30 6:45 7:00 7:15 7:30 7:45	70.0 69.9 70.1 69.6 60.7 54.0 51.2	69.0 68.5 68.9 68.4 59.4 56.0 51.2	70.5 70.4 70.8 70.1 61.0 59.9 57.4	69.4 69.7 69.3 63.2 61.2 58.0	69.9 70.2 69.7 62.5 59.3 55.1	68.3 69.2 68.5 62.4 60.3 55.5	69.6 69.9 69.8 59.6 61.1 58.3	69.5 68.7 69.1 68.8 57.8 59.0 53.4
5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6	6:15 6:30 6:45 7:00 7:15 7:30 7:45 8:00	70.0 69.9 70.1 69.6 60.7 54.0 51.2 42.2	69.0 68.5 68.9 68.4 59.4 56.0 51.2 46.1	70.5 70.4 70.8 70.1 61.0 59.9 57.4 48.0	69.4 69.7 69.3 63.2 61.2 58.0 54.5	69.9 70.2 69.7 62.5 59.3 55.1 47.5	68.3 69.2 68.5 62.4 60.3 55.5 53.9	69.6 69.9 69.8 59.6 61.1 58.3 50.2	68.7 69.1 68.8 57.8 59.0 53.4 50.7
5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6	6:15 6:30 6:45 7:00 7:15 7:30 7:45 8:00 8:15	70.0 69.9 70.1 69.6 60.7 54.0 51.2 42.2 40.1	69.0 68.5 68.9 68.4 59.4 56.0 51.2 46.1 29.8	70.5 70.4 70.8 70.1 61.0 59.9 57.4 48.0 41.9	69.4 69.7 69.3 63.2 61.2 58.0 54.5 36.0	69.9 70.2 69.7 62.5 59.3 55.1 47.5 38.4	68.3 69.2 68.5 62.4 60.3 55.5 53.9 34.6	69.6 69.9 69.8 59.6 61.1 58.3 50.2 44.8	68.7 69.1 68.8 57.8 59.0 53.4 50.7 37.4
5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6	6:15 6:30 6:45 7:00 7:15 7:30 7:45 8:00 8:15 8:30	70.0 69.9 70.1 69.6 60.7 54.0 51.2 42.2 40.1 36.4	69.0 68.5 68.9 68.4 59.4 56.0 51.2 46.1 29.8 25.2	70.5 70.4 70.8 70.1 61.0 59.9 57.4 48.0 41.9 40.2	69.4 69.7 69.3 63.2 61.2 58.0 54.5 36.0 32.5	69.9 70.2 69.7 62.5 59.3 55.1 47.5 38.4 40.3	68.3 69.2 68.5 62.4 60.3 55.5 53.9 34.6 22.2	69.6 69.9 69.8 59.6 61.1 58.3 50.2 44.8 38.1	68.7 69.1 68.8 57.8 59.0 53.4 50.7 37.4 24.4
5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6	6:15 6:30 6:45 7:00 7:15 7:30 7:45 8:00 8:15	70.0 69.9 70.1 69.6 60.7 54.0 51.2 42.2 40.1	69.0 68.5 68.9 68.4 59.4 56.0 51.2 46.1 29.8	70.5 70.4 70.8 70.1 61.0 59.9 57.4 48.0 41.9	69.4 69.7 69.3 63.2 61.2 58.0 54.5 36.0	69.9 70.2 69.7 62.5 59.3 55.1 47.5 38.4	68.3 69.2 68.5 62.4 60.3 55.5 53.9 34.6	69.6 69.9 69.8 59.6 61.1 58.3 50.2 44.8	68.7 69.1 68.8 57.8 59.0 53.4 50.7 37.4

A.3. Selected material testing data

25mm MC Sections 500mm Boards Sections

B.3.1 Moisture Content

No. No. <th>251111</th> <th></th> <th>ections</th> <th></th> <th>500mn</th> <th>Doard</th> <th>us Seci</th> <th>10115</th> <th></th>	251111		ections		500mn	Doard	us Seci	10115	
020B 80.1 72.63 10.3 20B 10.6 020C 77.01 69.46 10.9 20C 10.8 10.3 10.8 9.4 020A 74.08 66.71 11.0 23A 11.0 0.8 10.9 11.0 10.8 023A 74.08 66.64 10.7 23C 10.8 10.9 11.0 10.8 023D 73.84 66.64 10.7 27B 10.5 0.77 0.72 0.99 10.3 27C 10.7 027D 65.23 58.67 11.2 27D 11.5 0.77 11.4 11.1 11.7 10.5 027E 65.23 58.15 11.4 27E 11.4 11.1 10.1 11.6 8.5 029C 76.71 68.81 11.5 29C 11.5 10.1 11.6 8.5 029C 76.71 68.45 10.2 30A 11.3 30C 10.3 7.6			OD	Σ	500mm	MC	MC Board Ave.	Max MC Values	Min MC Values
020C 77.01 69.46 10.9 20C 10.8 10.3 10.8 9.4 020A 74.06 66.71 11.0 23A 11.00 66.71 11.0 23A 11.0 10.8 10.9 11.0 10.8 10.9 11.0 10.8 10.9 11.0 10.8 10.9 11.0 10.8 10.9 11.0 10.8 10.23 73.44 66.64 10.8 10.7 27B 10.5 10.7 10.7 10.7 10.7 11.5 10.7 11.5 11.4 11.1 11.1 11.1 11.1 11.1 10.5 10.2 10.6 10.3 10.2 10.6 10.2 10.6 10.3 10.2 10.7 11.5 10.1 11.6 1.5 10.2 10.7 10.5 10.5 11.6 11.7 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.5 11.1 10.1 11.6 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>									
020D 79.96 72.16 10.8									
023A 74.08 66.71 11.0 23A 11.0 023B 72.37 65.25 10.9 23B 10.8 10.9 11.0 10.8 023D 73.84 66.64 10.8 10.9 11.0 10.8 027A 75.01 67.65 10.9 27A 10.5 027C 67.27 60.99 10.3 27C 10.7 027D 65.23 58.67 11.2 27D 11.5 027F 65.92 59.15 11.4 27F 11.4 11.1 11.7 10.5 029A 45.3 41.99 7.9 29A 8.5 0.29C 11.3 10.3 029C 11.4 11.7 10.5 0.29D 87.31 78.14 11.7 0.30A 11.3 10.3 0.68D 10.2 11.7 11.5 10.6 11.7 10.5 0.62 11.7					20C	10.8	10.3	10.8	9.4
0238 72.37 65.25 10.9 238 10.8 0230 73.48 66.64 10.8 10.9 11.0 10.8 027A 75.01 67.65 10.9 27A 10.5 0.7 0276 67.27 60.99 10.3 27C 10.7 0.7 0276 65.23 58.67 11.2 27D 11.5 0.7 0276 65.23 59.15 11.4 27F 11.4 11.1 11.7 0276 74 66.4 11.4 27F 11.6 10.1 11.6 8.5 0298 65.21 59.75 9.1 29B 10.3 0.5 0.28 5.5 0290 87.31 78.14 11.7 10.5 11.2 11.7 10.5 0300 48.22 43.42 11.1 100C 10.5 11.2 11.7 10.5 0300 59.86 54.44 10.0 10.1 10.7 9.8			_						
023C 70.45 63.63 10.7 23C 10.8 10.9 11.0 10.8 027A 75.01 67.65 10.9 27A 10.5 10.7 27B 10.5									
023D 73.84 66.64 10.8 Image: state									
027A 75.01 67.65 10.9 27A 10.8 027B 69.93 63.17 10.7 27B 10.5 027C 67.27 60.99 10.3 27C 10.7 027D 65.23 58.67 11.2 27D 11.5 027E 66.9 59.8 11.4 27F 11.4 11.1 11.7 027G 74 66.4 11.4 27F 11.6 10.1 11.6 8.5 029B 65.21 59.75 9.1 29B 10.3 0.29D 7.671 68.81 11.5 29C 11.6 10.1 11.6 8.5 029D 87.31 78.14 11.7 0.5 30A 11.2 11.7 10.5 030D 59.86 54.44 10.0 10.5 11.2 11.7 10.5 030D 59.86 54.44 10.0 10.5 11.2 11.7 10.5 030D 59.86 56					23C	10.8	10.9	11.0	10.8
027B 69.93 63.17 10.7 27B 10.5 027C 67.27 60.99 10.3 27C 10.7 027E 66.9 59.8 11.9 27E 11.7 027F 65.92 59.15 11.4 27F 11.4 11.1 11.7 10.5 027G 74 66.4 11.4 27E 11.7 10.5 10.5 10.2 10.1 11.6 8.5 0296 76.71 68.81 11.5 29C 11.6 10.1 11.6 8.5 0290 76.71 68.81 10.2 30A 11.3 030A 10.3 11.2 11.7 10.5 030A 10.5 53.86 12.4 30B 11.7 10.5 10.5 11.2 11.7 10.5 030A 11.3 308 11.7 303A 10.5 10.1 10.7 9.3 068B 73.72 67.05 9.9 68B 10.3 <td></td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			_						
027C 67.27 60.99 10.3 27C 10.7 027D 65.23 58.67 11.2 27D 11.5 027F 65.92 59.15 11.4 27F 11.4 11.1 11.7 10.5 027G 74 66.4 11.4 27F 11.6 10.1 11.7 029B 65.21 59.75 9.1 29B 10.3 0 29C 76.71 68.81 11.5 29C 11.6 10.1 11.6 8.5 029D 87.31 78.14 11.7 0 30A 10.5 11.2 11.7 10.5 030B 60.55 53.66 12.4 30B 11.7 10.5 10.1 10.7 9.3 068A 69.77 64.2 8.7 68A 9.3 0 68.5 5.8 9.6 76A 9.7 9.8 9.6 076A 61.23 55.55 9.8 76B 9.8<		_							
027D 65.23 58.67 11.2 27D 11.5 027E 66.9 59.8 11.9 27E 11.7 027G 74 66.4 11.4 27F 11.4 11.1 11.7 027G 74 66.4 11.4 27F 11.6 10.1 11.7 029A 45.3 41.99 7.9 29A 8.5 029B 65.21 59.75 9.1 29B 10.3 029D 87.31 78.14 11.7 030A 71.05 64.5 10.2 30A 11.3 030D 59.86 54.44 10.0 11.7 0.5 11.5 11.5 11.7 11.5 11.7 11.5 11.7 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
027E 66.9 59.8 11.9 27E 11.7 027F 65.92 59.15 11.4 27F 11.4 11.1 11.7 10.5 029A 45.3 41.99 7.9 29A 8.5 029B 65.21 59.75 9.1 29B 10.3 5.5 0.29D 87.31 78.14 11.7 5.5 0.29D 87.31 78.14 11.7 3030E 60.55 53.86 12.4 30B 11.7 71.5 3030E 60.55 53.86 12.4 30B 11.7 10.5 31.7 71.5 10.5 3030E 60.55 53.86 9.6 10.7 10.1 10.7 9.3 6680 71.7 67.95 9.6 86.5 9.7 9.8 9.6 77.6 9.8 9				10.3		10.7			
027F 65.92 59.15 11.4 27F 11.4 11.1 11.7 10.5 027G 74 66.4 11.4 11.7 10.5 029B 65.21 59.75 9.1 29B 10.3 0.1 11.6 10.1 11.6 8.5 0.29C 76.71 68.81 11.5 29C 11.6 10.1 11.6 8.5 0.29C 76.71 68.81 11.7 0.30A 71.05 64.5 10.2 30A 11.7 0.30C 48.22 43.42 11.1 30C 10.5 11.2 11.7 10.5 10.5 10.5 11.2 11.7 10.5 30A 76.97 6.88 10.3 66.80 9.7 9.8 6.7 77.9 7.9.3 7.6 9.8 5.5.5 9.6 76A 9.7 9.8 9.6 76A 9.7 9.8 <			58.67		27D				
027G 74 66.4 11.4 029A 45.3 41.99 7.9 29A 8.5 029B 65.21 59.75 9.1 29B 10.3 029C 76.71 68.81 11.5 29C 11.6 10.1 11.6 8.5 029D 87.31 78.14 11.7 308 64.5 10.2 30A 11.3 10.5 11.2 11.7 030C 48.22 43.42 11.1 30C 10.5 11.2 11.7 0.5 11.2 11.7 10.5 0.5 11.5 11.2 11.7 0.5 0.5 0.6 0.5 0.6 10.7 10.1 10.7 9.3 0.6 0.7 9.3 0.6 0.7 9.3 0.6 0.7 9.3 0.6 0.7 9.3 9.6 0.76 6.3 9.7 9.8 9.6 0.7	027E	66.9	59.8	11.9	27E	11.7			
029A 45.3 41.99 7.9 29A 8.5 029B 65.21 59.75 9.1 29B 10.3 029C 76.71 68.81 11.5 29C 11.6 10.1 11.6 8.5 029D 87.31 78.14 11.7 030A 71.05 64.5 10.2 30A 11.3 030B 60.55 53.86 12.4 30B 11.7 10.5 030D 59.86 54.44 10.0	027F		59.15		27F	11.4	11.1	11.7	10.5
029B 65.21 59.75 9.1 29B 10.3 029C 76.71 68.81 11.5 29C 11.6 10.1 11.6 8.5 029D 87.31 78.14 11.7									
029C 76.71 68.81 11.5 29C 11.6 10.1 11.6 8.5 029D 87.31 78.14 11.7	029A	45.3	41.99	7.9	29A	8.5			
029D 87.31 78.14 11.7 030A 71.05 64.5 10.2 30A 11.3 030B 60.55 53.86 12.4 30B 11.7 030C 48.22 43.42 11.1 30C 10.5 11.2 11.7 10.5 030D 59.86 54.44 10.0	029B	65.21	59.75	9.1	29B	10.3			
030A 71.05 64.5 10.2 30A 11.3 030B 60.55 53.86 12.4 30B 11.7 030C 48.22 43.42 11.1 30C 10.5 11.2 11.7 10.5 030D 59.86 54.44 10.0	029C	76.71	68.81	11.5	29C	11.6	10.1	11.6	8.5
030A 71.05 64.5 10.2 30A 11.3 030B 60.55 53.86 12.4 30B 11.7 030C 48.22 43.42 11.1 30C 10.5 11.2 11.7 10.5 030D 59.86 54.44 10.0	029D	87.31		11.7					
030B 60.55 53.86 12.4 30B 11.7 030C 48.22 43.42 11.1 30C 10.5 11.2 11.7 10.5 030D 59.86 54.44 10.0	030A				30A	11.3			
030C 48.22 43.42 11.1 30C 10.5 11.2 11.7 10.5 030D 59.86 54.44 10.0									
030D 59.86 54.44 10.0					30C		11.2	11.7	10.5
068A 69.77 64.2 8.7 68A 9.3 068B 73.72 67.05 9.9 68B 10.3 068C 71.89 64.94 10.7 68C 10.7 10.1 10.7 9.3 068D 75.17 67.95 10.6					000	1010			1010
068B 73.72 67.05 9.9 68B 10.3 068C 71.89 64.94 10.7 68C 10.7 10.1 10.7 9.3 068D 75.17 67.95 10.6					684	03			
068C 71.89 64.94 10.7 68C 10.7 10.1 10.7 9.3 068D 75.17 67.95 10.6									
068D 75.17 67.95 10.6 076A 61.23 55.85 9.6 76A 9.7 076B 60.98 55.55 9.8 76B 9.8 076C 51.86 47.22 9.8 76C 9.8 076E 68.16 62.32 9.4							10.1	10.7	03
076A 61.23 55.85 9.6 76A 9.7 076B 60.98 55.55 9.8 76B 9.8 076C 51.86 47.22 9.8 76C 9.8 076D 63.95 58.21 9.9 76D 9.6 9.7 9.8 9.6 076E 68.16 62.32 9.4					000	10.7	10.1	10.7	9.5
076B 60.98 55.55 9.8 76B 9.8 076C 51.86 47.22 9.8 76C 9.8 076C 51.86 47.22 9.8 76C 9.8 076C 63.95 58.21 9.9 76D 9.6 9.7 9.8 9.6 076E 68.16 62.32 9.4 9.6 9.7 9.8 9.6 077B 78.26 70.47 11.1 77A 11.0 11.2 9.6 9.7 9.8 9.6 077D 74.22 67.3 10.3 10.8 11.1 11.8 10.6 10.3 9.6 10.3 9.6 10.3 10.3					704	07			
076C 51.86 47.22 9.8 76C 9.8 076D 63.95 58.21 9.9 76D 9.6 9.7 9.8 9.6 076E 68.16 62.32 9.4									
076D 63.95 58.21 9.9 76D 9.6 9.7 9.8 9.6 076E 68.16 62.32 9.4									
076E 68.16 62.32 9.4 077A 78.26 70.47 11.1 77A 11.0 077B 73.05 65.84 11.0 77B 11.2 077C 61.25 54.98 11.4 77C 10.8 11.0 11.2 10.8 077D 74.22 67.3 10.3 095A 66.11 60.14 9.9 95A 10.5 10.6 10.5 10.6 10.3 095B 66.11 60.14 9.9 95A 10.6 10.5 10.6 10.3 095C 67.33 60.82 10.7							07	0.0	0.0
077A 78.26 70.47 11.1 77A 11.0 077B 73.05 65.84 11.0 77B 11.2 077C 61.25 54.98 11.4 77C 10.8 11.0 11.2 10.8 077D 74.22 67.3 10.3					76D	9.6	9.7	9.8	9.0
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$									
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$									
$\begin{array}{c c c c c c c c c c c c c c c c c c c $									
095A 66.11 60.14 9.9 95A 10.3 095B 73.11 66.11 10.6 95B 10.6 10.5 10.6 10.3 095C 67.33 60.82 10.7					77C	10.8	11.0	11.2	10.8
095B 73.11 66.11 10.6 95B 10.6 10.5 10.6 10.3 095C 67.33 60.82 10.7									
095C 67.33 60.82 10.7 099A 73.05 65.68 11.2 99A 11.1 099B 65.39 58.89 11.0 99B 10.8 099C 65.08 58.89 11.0 99C 10.6 10.8 11.1 10.6 099D 66.89 60.43 10.7 1001A 9.4 1001A 65.4 59.85 9.3 1001A 9.4 1001B 65.18 59.5 1001B 9.6 9.7 9.4 1001D 63.27 57.73 9.6 1001D 9.7 9.4 1001E 65.07 59.37 9.6 1001D 9.7 9.4 1006A 59.2 53.67 10.3 1006A 10.1 1 1006C 61.93 56.35 9.9 1006C 9.9 10.0 10.1 9.9 1006D 59.15 53.81 9.9 9.6 9.7 9.6	_								
099A 73.05 65.68 11.2 99A 11.1 099B 65.39 58.89 11.0 99B 10.8 099D 65.39 58.89 11.0 99B 10.8 099D 66.89 60.43 10.7 1001A 65.4 59.85 9.3 1001A 9.4 1001A 65.4 59.5 9.5 1001B 9.6 1001C 65.5 59.75 9.7 1001C 9.7 1001B 65.07 59.37 9.6 1001D 9.6 9.7 9.4 1001B 61.04 55.57 9.8 1006A 10.1 1006A 10.1 1006C 61.93 56.35 9.9 1006C 9.9 10.0 10.1 9.9 1006D 59.15 53.81 9.9 9.6 9.7 9.6 1007A 63.16 57.66 9.5 1007A 9.6 9.7 9.6 1007D 53.56.66 9.4					95B	10.6	10.5	10.6	10.3
099B 65.39 58.89 11.0 99B 10.8 099C 65.08 58.88 10.5 99C 10.6 10.8 11.1 10.6 099D 66.89 60.43 10.7		67.33	60.82						
099C 65.08 58.88 10.5 99C 10.6 10.8 11.1 10.6 099D 66.89 60.43 10.7	099A	73.05	65.68	11.2	99A	11.1			
099D 66.89 60.43 10.7 1001A 65.4 59.85 9.3 1001A 9.4 1001B 65.18 59.5 9.05 1001B 9.6 1001C 65.55 59.75 9.7 1001C 9.7 1001D 63.27 57.73 9.6 1001D 9.6 9.6 9.7 9.4 1001E 65.07 59.37 9.6 1001D 9.6 9.6 9.7 9.4 1001E 65.07 59.37 9.6 1001D 9.6 9.6 9.7 9.4 1001E 65.07 59.37 9.6 1001D 9.6 9.7 9.4 1001E 65.07 59.37 9.8 1006B 9.9 10.1 10.1 10066 61.04 55.57 9.8 1006C 9.9 10.0 10.1 9.9 100605 59.15 53.81 9.9 1007C 9.6 9.6 9.7 9.6									
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	099C				99C	10.6	10.8	11.1	10.6
1001B 65.18 59.5 9.5 1001B 9.6 1001C 65.55 59.75 9.7 1001C 9.7 1001D 63.27 57.73 9.6 1001D 9.6 9.7 9.4 1001E 65.07 59.37 9.6 1001D 9.6 9.6 9.7 9.4 1001E 65.07 59.37 9.6 1006A 10.1 1006B 9.9 9.7 9.4 1006B 61.04 55.57 9.8 1006B 9.9 1001C 10.1 101 9.9 1006C 61.93 56.35 9.9 1006C 9.9 10.0 10.1 9.9 1006D 59.15 53.81 9.9 9.7 10.1 9.9 1007D 63.16 57.66 9.5 1007A 9.6 9.7 9.6 1007D 56.32 1.42 9.7 1007C 9.6 9.7 9.6 1007D 61.35 5	099D	66.89	60.43	10.7					
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		65.4	59.85	9.3		9.4			
1001D 63.27 57.73 9.6 1001D 9.6 9.6 9.7 9.4 1001E 65.07 59.37 9.6	1001B	65.18	59.5	9.5	1001B	9.6			
1001D 63.27 57.73 9.6 1001D 9.6 9.6 9.7 9.4 1001E 65.07 59.37 9.6	1001C	65.55	59.75	9.7	1001C	9.7			
1006A 59.2 53.67 10.3 1006A 10.1 1006B 61.04 55.57 9.8 1006B 9.9 1006C 61.93 56.35 9.9 1006C 9.9 10.0 10.1 9.9 1006D 59.15 53.81 9.9 1007A 9.6 10.1 9.9 1007A 63.16 57.66 9.5 1007A 9.6 1007B 9.7 1007D 56.42 51.42 9.7 1007C 9.6 9.6 9.7 9.6 1007D 61.35 56.06 9.4 9.6 1007A 9.6 9.6 9.7 9.6 1007D 61.35 56.06 9.4 9.6 1007A 9.6 9.7 9.6 9.6 1009A 9.4 9.6 1009D <td>1001D</td> <td>63.27</td> <td>57.73</td> <td>9.6</td> <td>1001D</td> <td>9.6</td> <td>9.6</td> <td>9.7</td> <td>9.4</td>	1001D	63.27	57.73	9.6	1001D	9.6	9.6	9.7	9.4
1006A 59.2 53.67 10.3 1006A 10.1 1006B 61.04 55.57 9.8 1006B 9.9 1006C 61.93 56.35 9.9 1006C 9.9 10.0 10.1 9.9 1006D 59.15 53.81 9.9 9.9 1007A 63.16 57.66 9.5 1007A 9.6 9.9 1007D 56.32 47.71 9.7 1007B 9.7 9.6 9.6 9.7 9.6 1007D 56.42 51.42 9.7 1007C 9.6 9.6 9.7 9.6 1007D 61.35 56.06 9.4 9.6 9.6 9.6 9.6 9.7 9.6 <td></td> <td>65.07</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td>		65.07							-
1006B 61.04 55.57 9.8 1006B 9.9 1006C 61.93 56.35 9.9 1006C 9.9 10.0 10.1 9.9 1006D 59.15 53.81 9.9 1007A 9.6 9.6 10.1 9.9 1007A 63.16 57.66 9.5 1007A 9.6 1007B 9.7 1007D 56.42 51.42 9.7 1007C 9.6 9.6 9.7 9.6 1007D 61.35 56.06 9.4 9.6 1007A 9.6 9.6 9.7 9.6 1007D 61.35 56.06 9.4 9.6 9.7 9.6 9.6 9.6 9.6		59.2	_		1006A	10.1			
1006C 61.93 56.35 9.9 1006C 9.9 10.0 10.1 9.9 1006D 59.15 53.81 9.9 1007A 63.16 57.66 9.5 1007A 9.6 1007B 52.32 47.71 9.7 1007B 9.7 1007C 56.42 51.42 9.7 1007C 9.6 9.7 9.6 1007D 61.35 56.06 9.4 1009A 9.4 1009B 9.3 1009B 9.3 1009B 9.3 1009C 62.25 56.92 9.4 1009D 9.7 1009D 57.7 1009E 59.6 54.27 9.8 1009D 9.7 1009E 59.6 54.27 9.8 1009F 9.5 1009F 59.6 1009F 59.6 1009G 48.45 44.2 9.6 1009G 9.5 9.7							1		
1006D 59.15 53.81 9.9 1007A 63.16 57.66 9.5 1007A 9.6 1007B 52.32 47.71 9.7 1007B 9.7 1007C 56.42 51.42 9.7 1007C 9.6 9.7 9.6 1007D 61.35 56.06 9.4 1009A 9.4 1009B 49.62 45.41 9.3 1009B 9.3 1009C 62.25 56.92 9.4 1009C 9.5 1009D 9.7 1009E 9.6 1009D 9.7 1009E 9.6 1009D 9.7 1009E 9.6 1009D 9.7 1009E 9.6 1009E 9.5 1009G 48.45 44.2 9.6 1009G 9.5 9.7 9.3							10.0	10.1	9.9
1007A 63.16 57.66 9.5 1007A 9.6 1007B 52.32 47.71 9.7 1007B 9.7 1007C 56.42 51.42 9.7 1007C 9.6 9.7 9.6 1007D 61.35 56.06 9.4 9.7 1009A 9.4 9.3 1009B 49.62 45.41 9.3 1009B 9.3 1009C 62.25 56.92 9.4 1009C 9.5 1009D 56.78 51.83 9.6 1009D 9.7 1009E 59.65 54.27 9.8 1009D 9.7 1009E 59.65 54.27 9.8 1009E 9.6 1009F 59.62 54.48 9.4 1009F 9.5 1009G 48.45 44.2 9.6 1009G 9.5 9.7 9.3									
1007B 52.32 47.71 9.7 1007B 9.7 1007C 56.42 51.42 9.7 1007C 9.6 9.6 9.7 9.6 1007D 61.35 56.06 9.4			_		10074	96			
1007C 56.42 51.42 9.7 1007C 9.6 9.6 9.7 9.6 1007D 61.35 56.06 9.4							1		
1007D 61.35 56.06 9.4 1009A 46.95 42.87 9.5 1009A 9.4 1009B 49.62 45.41 9.3 1009B 9.3 1009C 62.25 56.92 9.4 1009C 9.5 1009D 56.78 51.83 9.6 1009D 9.7 1009E 59.6 54.27 9.8 1009F 9.6 1009F 59.62 54.48 9.4 1009F 9.5 1009G 48.45 44.2 9.6 1009G 9.5 9.7 9.3							96	97	96
1009A 46.95 42.87 9.5 1009A 9.4 1009B 49.62 45.41 9.3 1009B 9.3 1009C 62.25 56.92 9.4 1009C 9.5 1009D 56.78 51.83 9.6 1009D 9.7 1009E 59.6 54.27 9.8 1009E 9.6 1009F 59.62 54.48 9.4 1009F 9.5 1009G 48.45 44.2 9.6 1009G 9.5 9.7 9.3						0.0	5.5	5.1	5.5
1009B 49.62 45.41 9.3 1009B 9.3 1009C 62.25 56.92 9.4 1009C 9.5 1009D 56.78 51.83 9.6 1009D 9.7 1009E 59.6 54.27 9.8 1009E 9.6 1009F 59.62 54.48 9.4 1009F 9.5 1009G 48.45 44.2 9.6 1009G 9.5 9.7 9.3					10004	94			
1009C 62.25 56.92 9.4 1009C 9.5 1009D 56.78 51.83 9.6 1009D 9.7 1009E 59.6 54.27 9.8 1009E 9.6 1009F 59.62 54.48 9.4 1009F 9.5 1009G 48.45 44.2 9.6 1009G 9.5 9.7 9.3									
1009D 56.78 51.83 9.6 1009D 9.7 1009E 59.6 54.27 9.8 1009E 9.6 1009F 59.62 54.48 9.4 1009F 9.5 1009G 48.45 44.2 9.6 1009G 9.5 9.7 9.3									
1009E 59.6 54.27 9.8 1009E 9.6 1009F 59.62 54.48 9.4 1009F 9.5 1009G 48.45 44.2 9.6 1009G 9.6 9.5 9.7 9.3				-					
1009F 59.62 54.48 9.4 1009F 9.5 1009G 48.45 44.2 9.6 1009G 9.6 9.5 9.7 9.3									
1009G 48.45 44.2 9.6 1009G 9.6 9.5 9.7 9.3									
							0.5	07	0.0
10090 20.2 23.11 9.0					1009G	9.0	9.5	9.1	9.3
	1009H	00.Z	55.11	9.0					

1012A								
	79.08	72.53	9.0	1012A	8.9			
1012B	80.39	73.85	8.9	1012B	9.3			
1012C	84.2	76.72	9.7	1012C	9.8	9.3	9.8 8	8.9
1012D	80.05	72.87	9.9					
1016A	59.83	54.05	10.7	1016A	10.5			
1016B	56.42	51.11	10.4	1016B	10.2			
1016D		-	-			10.0	1051	0.1
	59.23	53.88	9.9	1016C	10.1	10.3	10.5 1	0.1
1016D	61.17	55.44	10.3					
1025A	65.53	59.55	10.0	1025A	10.2			
1025B	66.72	60.48	10.3	1025B	10.4			
1025C	82.85	75.02	10.4	1025C	10.6			
1025D	76	68.58	10.8	1025D	10.6			
1025E	77.21	69.93	10.4	1025E	10.4			
1025F	67.08	60.81	10.3	1025F	10.3			
1025G	59.65	54.08	10.3	1025G	10.4	10.4	10.6 1	0.2
1025H	63.59	57.58	10.4					
1032A	70.63	64.28	9.9	1032A	10.2			
1032B	73.03	66.07	10.5	1032R	10.2			
1032D	_			1032D	10.7			
	90.82	82.13	10.6					
1032D	77.26	69.78	10.7	1032D	10.7	l		
1032E	81.37	73.58	10.6	1032E	10.4	ļ		
1032F	73.38	66.54	10.3	1032F	10.5			
1032G	59.38	53.59	10.8	1032G	10.6	10.5	10.7 1	0.2
1032H	69.76	63.17	10.4					
1039A	68.09	61.96	9.9	1039A	10.2			
1039B	58.15	52.65	10.4	1039B	10.1	10.2	10.2 1	0.1
1039C	62.54	56.95	9.8					
1040A	61.42	56.17	9.3	1040A	9.4			
1040B	54.57	49.88	9.4	1040B	9.3			
1040D	53.33	48.85	9.2	1040D	9.2			
		44.67						
1040D	48.77	-	9.2	1040D	9.1			
1040E	52.77	48.4	9.0	1040E	9.1			
1040F	66.61	61.05	9.1	1040F	9.1			
1040G	59.78	54.78	9.1	1040G	9.1	9.2	9.4 9	9.1
1040H	66.26	60.77	9.0					
1044A	46.93	42.2	11.2	1044A	11.1			
1044B	66.97	60.31	11.0	1044B	11.1			
1044C	72.76	65.42	11.2	1044C	11.4			
1044D	63.54	56.97	11.5	1044D	11.7			
1044E	64.52	57.67	11.9	1044E	11.9			
1044F	73.81	65.95	11.9	1044F		11.5	1201	1.1
1044G	65 28			10441	12.0	11.5	12.0 1	
1044G	65.28	58.25	12.1			11.5	12.0 1	
1046A	71.64	58.25 64.87	12.1 10.4	1046A	10.5		12.0	
1046A 1046B	71.64 71.42	58.25 64.87 64.6	12.1 10.4 10.6	1046A 1046B	10.5 10.7	11.5	12.011	
1046A 1046B 1046C	71.64 71.42 75.92	58.25 64.87 64.6 68.52	12.1 10.4 10.6 10.8	1046A 1046B 1046C	10.5 10.7 10.9	11.5	12.011	
1046A 1046B 1046C 1046D	71.64 71.42 75.92 66.89	58.25 64.87 64.6 68.52 60.25	12.1 10.4 10.6 10.8 11.0	1046A 1046B 1046C 1046D	10.5 10.7 10.9 10.8		12.0	
1046A 1046B 1046C 1046D 1046E	71.64 71.42 75.92 66.89 65.42	58.25 64.87 64.6 68.52 60.25 59.21	12.1 10.4 10.6 10.8 11.0 10.5	1046A 1046B 1046C 1046D 1046E	10.5 10.7 10.9 10.8 10.7		12.0	
1046A 1046B 1046C 1046D 1046E 1046F	71.64 71.42 75.92 66.89	58.25 64.87 64.6 68.52 60.25 59.21 69.98	12.1 10.4 10.6 10.8 11.0 10.5 11.0	1046A 1046B 1046C 1046D 1046E 1046F	10.5 10.7 10.9 10.8 10.7 11.2	· · · · · · · · · · · · · · · · · · ·	· · ·	
1046A 1046B 1046C 1046D 1046E	71.64 71.42 75.92 66.89 65.42	58.25 64.87 64.6 68.52 60.25 59.21	12.1 10.4 10.6 10.8 11.0 10.5	1046A 1046B 1046C 1046D 1046E	10.5 10.7 10.9 10.8 10.7	10.8	· · ·	0.5
1046A 1046B 1046C 1046D 1046E 1046F	71.64 71.42 75.92 66.89 65.42 77.66	58.25 64.87 64.6 68.52 60.25 59.21 69.98	12.1 10.4 10.6 10.8 11.0 10.5 11.0	1046A 1046B 1046C 1046D 1046E 1046F	10.5 10.7 10.9 10.8 10.7 11.2	· · · · · · · · · · · · · · · · · · ·	· · ·	
1046A 1046B 1046C 1046D 1046E 1046F 1046G	71.64 71.42 75.92 66.89 65.42 77.66 75.27	58.25 64.87 64.6 68.52 60.25 59.21 69.98 67.59	12.1 10.4 10.6 10.8 11.0 10.5 11.0 11.4	1046A 1046B 1046C 1046D 1046E 1046F	10.5 10.7 10.9 10.8 10.7 11.2	· · · · · · · · · · · · · · · · · · ·	· · ·	
1046A 1046B 1046C 1046D 1046E 1046F 1046G 1046H	71.64 71.42 75.92 66.89 65.42 77.66 75.27 71.3	58.25 64.87 64.6 68.52 60.25 59.21 69.98 67.59 64.53	12.1 10.4 10.6 10.8 11.0 10.5 11.0 11.4 10.5	1046A 1046B 1046C 1046D 1046E 1046F 1046G	10.5 10.7 10.9 10.8 10.7 11.2 10.9	· · · · · · · · · · · · · · · · · · ·	· · ·	
1046A 1046B 1046C 1046D 1046E 1046F 1046G 1046H 1048A 1048B	71.64 71.42 75.92 66.89 65.42 77.66 75.27 71.3 66.04 66.06	58.25 64.87 64.6 68.52 60.25 59.21 69.98 67.59 64.53 59.39 59.8	12.1 10.4 10.6 10.8 11.0 10.5 11.0 11.4 10.5 11.2 10.5	1046A 1046B 1046C 1046D 1046E 1046F 1046F 1046G 1048A 1048B	10.5 10.7 10.9 10.8 10.7 11.2 10.9 10.8 10.5	· · · · · · · · · · · · · · · · · · ·	· · ·	
1046A 1046B 1046C 1046D 1046E 1046F 1046G 1046H 1048A 1048B 1048C	71.64 71.42 75.92 66.89 65.42 77.66 75.27 71.3 66.04 66.06 72.24	58.25 64.87 64.6 68.52 60.25 59.21 69.98 67.59 64.53 59.39 59.8 65.4	12.1 10.4 10.6 10.8 11.0 10.5 11.0 11.4 10.5 11.2 10.5 10.5	1046A 1046B 1046C 1046C 1046F 1046F 1046G 1046G 1048A 1048B 1048C	10.5 10.7 10.9 10.8 10.7 11.2 10.9 10.8 10.5 10.5	· · · · · · · · · · · · · · · · · · ·	· · ·	
1046A 1046B 1046C 1046D 1046E 1046F 1046G 1046H 1048A 1048B 1048C 1048D	71.64 71.42 75.92 66.89 65.42 77.66 75.27 71.3 66.04 66.06 72.24 62.43	58.25 64.87 64.6 68.52 60.25 59.21 69.98 67.59 64.53 59.39 59.8 65.4 56.43	12.1 10.4 10.6 10.8 11.0 10.5 11.0 11.4 10.5 11.2 10.5 10.5 10.5	1046A 1046B 1046C 1046D 1046E 1046F 1046G 1048A 1048A 1048B 1048C 1048D	10.5 10.7 10.9 10.8 10.7 11.2 10.9 10.8 10.5 10.5 10.7	· · · · · · · · · · · · · · · · · · ·	· · ·	
1046A 1046B 1046C 1046D 1046E 1046F 1046G 1046H 1048A 1048B 1048C 1048D 1048E	71.64 71.42 75.92 66.89 65.42 77.66 75.27 71.3 66.04 66.06 72.24 62.43 61.43	58.25 64.87 64.6 68.52 60.25 59.21 69.98 67.59 64.53 59.39 59.8 65.4 56.43 55.46	12.1 10.4 10.6 10.8 11.0 10.5 11.0 10.5 11.2 10.5 10.5 10.5 10.5 10.5	1046A 1046B 1046C 1046D 1046E 1046F 1046G 1048A 1048A 1048B 1048C 1048D 1048E	10.5 10.7 10.9 10.8 10.7 11.2 10.9 10.8 10.5 10.5 10.7 10.7	· · · · · · · · · · · · · · · · · · ·	· · ·	
1046A 1046B 1046C 1046D 1046E 1046F 1046G 1046H 1048A 1048A 1048A 1048C 1048D 1048E	71.64 71.42 75.92 66.89 65.42 77.66 75.27 71.3 66.04 66.06 72.24 62.43 61.43 70.82	58.25 64.87 64.6 68.52 60.25 59.21 69.98 67.59 64.53 59.39 59.8 65.4 56.43 55.46 64.01	12.1 10.4 10.6 10.8 11.0 10.5 11.0 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.6 10.8 10.6	1046A 1046B 1046C 1046D 1046F 1046F 1046G 1046G 1048A 1048B 1048C 1048D 1048E 1048F	10.5 10.7 10.9 10.8 10.7 11.2 10.9 10.8 10.5 10.5 10.7 10.7 10.7	10.8	11.2 1	0.5
1046A 1046B 1046C 1046D 1046E 1046F 1046G 1046H 1048A 1048B 1048C 1048D 1048E 1048E 1048F	71.64 71.42 75.92 66.89 65.42 77.66 75.27 71.3 66.04 66.06 72.24 62.43 61.43 70.82 73.43	58.25 64.87 64.6 68.52 60.25 59.21 69.98 67.59 64.53 59.39 65.4 56.43 55.46 64.01 66.29	12.1 10.4 10.6 10.8 11.0 10.5 11.2 10.5 10.5 10.6 10.8	1046A 1046B 1046C 1046D 1046E 1046F 1046G 1048A 1048A 1048B 1048C 1048D 1048E	10.5 10.7 10.9 10.8 10.7 11.2 10.9 10.8 10.5 10.5 10.7 10.7	· · · · · · · · · · · · · · · · · · ·	11.2 1	
1046A 1046B 1046C 1046D 1046F 1046F 1046G 1046H 1048A 1048B 1048C 1048B 1048C 1048B 1048F 1048F	71.64 71.42 75.92 66.89 65.42 77.66 75.27 71.3 66.04 66.06 72.24 62.43 61.43 70.82 73.43 68.85	58.25 64.87 64.6 68.52 60.25 59.21 69.98 67.59 64.53 59.39 65.4 56.43 55.46 64.01 66.29 62.02	12.1 10.4 10.6 10.8 11.0 11.0 11.4 10.5 11.2 10.5 10.6 10.8 11.2 10.5 10.6 10.8 11.0	1046A 1046B 1046C 1046C 1046F 1046F 1046G 1048A 1048B 1048C 1048D 1048C 1048F 1048F	10.5 10.7 10.9 10.8 10.7 11.2 10.9 10.8 10.5 10.5 10.5 10.7 10.7 10.7	10.8	11.2 1	0.5
1046A 1046B 1046C 1046D 1046F 1046F 1046G 1046H 1048A 1048B 1048C 1048D 1048C 1048B 1048C 1048B 1048F 1048G	71.64 71.42 75.92 66.89 65.42 77.66 75.27 71.3 66.04 66.04 66.04 62.43 61.43 70.82 73.43 68.85 67.55	58.25 64.87 64.6 68.52 60.25 59.21 69.98 67.59 64.53 59.39 59.8 65.4 55.43 55.46 64.01 66.29 62.02 60.84	$\begin{array}{c} 12.1 \\ 10.4 \\ 10.6 \\ 10.8 \\ 11.0 \\ 10.5 \\ 11.0 \\ 11.4 \\ 10.5 \\ 10.5 \\ 10.5 \\ 10.5 \\ 10.6 \\ 10.8 \\ 10.6 \\ 10.8 \\ 11.0 \\ 11.0 \\ 11.0 \\ \end{array}$	1046A 1046B 1046C 1046C 1046F 1046F 1046G 1048A 1048B 1048C 1048B 1048C 1048B 1048C 1048B 1048G	10.5 10.7 10.9 10.8 10.7 11.2 10.9 10.8 10.5 10.5 10.7 10.7 10.7 10.7	10.8	11.2 1	0.5
1046A 1046B 1046C 1046D 1046F 1046F 1046G 1046H 1048A 1048B 1048C 1048D 1048E 1048F 1048B 1048E 1048F 1048B 1048H 1049A	71.64 71.42 75.92 66.89 65.42 77.66 75.27 71.3 66.04 66.06 75.27 71.3 66.04 62.43 61.43 70.82 73.43 68.85 67.55 63.8	58.25 64.87 64.6 68.52 60.25 59.21 69.98 67.59 64.53 59.89 65.4 56.43 55.46 64.01 66.29 62.02 60.84 57.65	12.1 10.4 10.6 10.8 11.0 10.5 11.0 11.4 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.6 10.8 10.6 10.8 11.0 11.0 11.0 10.7	1046A 1046B 1046C 1046C 1046F 1046F 1046F 1046G 1048A 1048B 1048C 1048B 1048C 1048B 1048G 1049A 1049A	10.5 10.7 10.9 10.7 10.7 10.7 10.9 10.5 10.5 10.5 10.7 10.9	10.8	11.2 1	0.5
1046A 1046B 1046C 1046D 1046F 1046F 1046F 1046F 1048A 1048B 1048B 1048B 1048B 1048B 1048B 1048B 1048B 1048B 1049B 1049B	71.64 71.42 75.92 66.89 65.42 77.66 75.27 71.3 66.04 66.06 72.24 66.06 72.24 62.43 61.43 70.82 73.83 68.85 67.55 63.8 64.42	58.25 64.87 64.6 68.52 60.25 59.21 69.98 67.59 64.53 59.39 59.39 59.39 59.39 59.39 59.34 56.43 55.46 64.01 66.29 62.02 60.84 57.65 57.85	12.1 10.4 10.6 10.8 11.0 11.1 10.5 11.2 10.5 10.5 10.6 10.8 10.6 10.8 10.6 10.8 10.6 10.7 11.4	1046A 1046B 1046C 1046D 1046E 1046F 1046G 1048A 1048B 1048C 1048B 1048C 1048B 1048G 1048G 1049A 1049B 1049A	10.5 10.7 10.9 10.7 10.9 10.7 10.9 10.5 10.5 10.5 10.7 10.9 10.8 10.5 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.8 11.0 11.2	10.8	11.2 1	0.5
1046A 1046B 1046C 1046D 1046F 1046F 1046G 1046H 1048A 1048B 1048C 1048D 1048E 1048F 1048B 1048E 1048F 1048B 1048H 1049A	71.64 71.42 75.92 66.89 65.42 77.66 75.27 71.3 66.04 66.06 75.27 71.3 66.04 62.43 61.43 70.82 73.43 68.85 67.55 63.8	58.25 64.87 64.6 68.52 60.25 59.21 69.98 67.59 64.53 59.89 65.4 56.43 55.46 64.01 66.29 62.02 60.84 57.65	12.1 10.4 10.6 10.8 11.0 10.5 11.0 11.4 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.6 10.8 10.6 10.8 11.0 11.0 11.0 10.7	1046A 1046B 1046C 1046C 1046F 1046F 1046F 1046G 1048A 1048B 1048C 1048B 1048C 1048B 1048G 1049A 1049A	10.5 10.7 10.9 10.7 10.7 10.7 10.9 10.5 10.5 10.5 10.7 10.9	10.8	11.2 1	0.5
1046A 1046B 1046C 1046D 1046F 1046F 1046F 1046F 1048A 1048B 1048B 1048B 1048B 1048B 1048B 1048B 1048B 1048B 1049B 1049B	71.64 71.42 75.92 66.89 65.42 77.66 75.27 71.3 66.04 66.06 72.24 66.06 72.24 62.43 61.43 70.82 73.83 68.85 67.55 63.8 64.42	58.25 64.87 64.6 68.52 60.25 59.21 69.98 67.59 64.53 59.39 59.39 59.39 59.39 59.39 59.34 56.43 55.46 64.01 66.29 62.02 60.84 57.65 57.85	12.1 10.4 10.6 10.8 11.0 11.1 10.5 11.2 10.5 10.5 10.6 10.8 10.6 10.8 10.6 10.8 10.6 10.7 11.4	1046A 1046B 1046C 1046D 1046E 1046F 1046G 1048A 1048B 1048C 1048B 1048C 1048B 1048G 1048G 1049A 1049B 1049A	10.5 10.7 10.9 10.7 10.9 10.7 10.9 10.5 10.5 10.5 10.7 10.9 10.8 10.5 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.8 11.0 11.2	10.8	11.2 1	0.5
1046A 1046B 1046C 1046D 1046F 1046F 1046F 1046F 1048A 1048D 1048D 1048D 1048B 1048C 1048B 1048B 1048B 1048B 1049A 1049A	71.64 71.42 75.92 66.89 65.42 77.66 75.27 71.3 66.04 66.06 72.24 62.43 70.82 73.43 61.43 70.82 73.43 68.85 63.85 63.85 63.85 63.85 63.85 63.64 64.42 66.96	58.25 64.87 64.6 68.52 59.21 59.21 69.98 67.59 64.53 59.39 59.39 59.39 59.3 55.46 64.01 66.29 62.02 60.84 57.65 57.85 60.28	$\begin{array}{c} 12.1 \\ 10.4 \\ 10.6 \\ 10.8 \\ 11.0 \\ 10.5 \\ 11.0 \\ 11.4 \\ 10.5 \\ 11.2 \\ 10.5 \\ 10.6 \\ 10.8 \\ 10.6 \\ 10.8 \\ 11.0 \\ 11.0 \\ 11.7 \\ 11.4 \\ 11.1 \\ \end{array}$	1046A 1046B 1046C 1046D 1046F 1046F 1046G 1048A 1048B 1048C 1048B 1048C 1048B 1048C 1048B 1048G 1049A 1049A 1049A	10.5 10.7 10.9 10.8 10.7 11.2 10.9 10.8 10.5 10.5 10.7 10.7 10.7 10.7 10.7 10.7 10.9 10.8 11.0 11.2 11.5	10.8	11.2 1	0.5
1046A 1046B 1046C 1046D 1046F 1046F 1046G 1046H 1048A 1048B 1048C 1048B 1048C 1048B 1048C 1048B 1048E 1048B 1049A 1049D 1049D	71.64 71.42 75.92 66.89 65.42 77.66 77.66 75.27 71.3 66.04 66.06 72.24 66.06 72.24 66.06 72.24 61.43 61.43 61.43 61.43 61.43 61.43 61.85 61.55 63.8 64.42 66.96 70.04	58.25 64.87 64.6 68.52 60.25 59.21 69.98 67.59 64.53 59.39 65.4 56.43 55.46 55.40 66.29 62.02 60.84 57.85 57.85 60.28 62.63	$\begin{array}{c} 12.1 \\ 10.4 \\ 10.6 \\ 10.8 \\ 11.0 \\ 10.5 \\ 11.0 \\ 11.4 \\ 10.5 \\ 11.2 \\ 10.5 \\ 10.5 \\ 10.5 \\ 10.6 \\ 10.8 \\ 10.6 \\ 10.8 \\ 11.0 \\ 11.0 \\ 11.0 \\ 11.7 \\ 11.4 \\ 11.1 \\ 11.8 \end{array}$	1046A 1046B 1046C 1046C 1046F 1046G 1046F 1046G 1048A 1048B 1048C 1048D 1048C 1048B 1048C 1049B 1049B 1049D 1049E	10.5 10.7 10.9 10.8 10.7 11.2 10.9 10.8 10.5 10.5 10.7 10.7 10.7 10.7 10.7 10.9 10.8 11.0 11.2 11.5 11.3	10.8	11.2 1	0.5

1053A 54.03 48.38 11.7 1053A 11.6 1053B 68.09 61.07 11.5 1053B 11.6 1053C 70.64 63.25 11.7 1053C 11.3 1053D 63.36 57.14 10.9 1053D 11.5 1053F 77.8 69.68 11.7 1053F 11.6 11.9 1053G 66.98 60.07 12.2 1053E 11.6 11.9 1053G 66.98 60.08 11.5 1058B 82.09 73.62 11.5 1058B 11.2 1058B 82.09 73.62 11.5 1058B 11.2 1058B 82.09 73.62 10.5 11.0 1058C 11.0 1058B 69.73 62.85 10.9 1058D 10.6 1058E 64.23 58.27 10.2 1058E 10.5 1058F 76.95 69.52 10.7 1058F 11.1 10.9 11.2	11.3
1053C 70.64 63.25 11.7 1053C 11.3 1053D 63.36 57.14 10.9 1053D 11.5 1053E 68.07 60.67 12.2 1053E 11.9 1053F 77.8 69.68 11.7 1053F 11.6 11.9 1053G 66.98 60.08 11.7 1053F 11.6 11.9 1053G 66.98 60.08 11.5 1058A 10.58 11.2 1058B 82.09 73.62 11.5 1058B 11.2 1058B 82.09 73.62 11.5 1058B 11.2 1058C 87.81 79.12 10.0 1058C 11.0 1058B 69.73 62.85 10.9 1058B 10.6 1058E 64.23 58.27 10.2 1058E 10.5 1058F 76.95 69.52 10.7 1058F 11.1 10.9 11.2	11.3
1053C 70.64 63.25 11.7 1053C 11.3 1053D 63.36 57.14 10.9 1053D 11.5 1053E 68.07 60.67 12.2 1053E 11.9 1053F 77.8 69.68 11.7 1053F 11.6 11.9 1053G 66.98 60.08 11.7 1053F 11.6 11.9 1053G 66.98 60.08 11.5 1058A 10.58 11.2 1058B 82.09 73.62 11.5 1058B 11.2 1058B 82.09 73.62 11.5 1058B 11.2 1058C 87.81 79.12 10.0 1058C 11.0 1058B 69.73 62.85 10.9 1058B 10.6 1058E 64.23 58.27 10.2 1058E 10.5 1058F 76.95 69.52 10.7 1058F 11.1 10.9 11.2	11.3
1053D 63.36 57.14 10.9 1053D 11.5 1053E 68.07 60.67 12.2 1053E 11.9 1053F 77.8 69.68 11.7 1053F 11.6 11.9 1053G 66.98 60.08 11.7 1053F 11.6 11.6 11.9 1053G 66.98 60.08 11.5 1058A 78.69 71.02 10.8 1058A 11.2 1058B 82.09 73.62 11.5 1058B 11.2 1058B 82.09 73.62 11.5 1058B 11.2 1058B 69.73 62.85 10.9 1058D 10.6 1058E 64.23 58.27 10.2 1058E 10.5 1058F 76.95 69.52 10.7 1058F 11.1 10.9 11.2	11.3
1053E 68.07 60.67 12.2 1053E 11.9 1053F 77.8 69.68 11.7 1053F 11.6 11.9 1053G 66.98 60.08 11.5 1058A 78.69 71.02 10.8 1058A 11.2 1058B 82.09 73.62 11.5 1058B 11.2 1058B 82.09 73.62 11.5 1058B 11.2 1058B 82.09 73.62 11.5 1058B 11.2 1058B 69.73 62.85 10.9 1058D 10.6 1058E 64.23 58.27 10.2 1058E 10.5 1058F 76.95 69.52 10.7 1058F 11.1 10.9 11.2	11.3
1053F 77.8 69.68 11.7 1053F 11.6 11.6 11.9 1053G 66.98 60.08 11.5 1058A 78.69 71.02 10.8 1058A 11.2 1058B 82.09 73.62 11.5 1058B 11.2 1058B 82.09 73.62 11.5 1058B 11.2 1058C 87.81 79.12 11.0 1058C 11.0 1058D 69.73 62.85 10.9 1058D 10.6 1058B 64.23 58.27 10.2 1058E 10.5 1058E 10.5 1058F 76.95 69.52 10.7 1058F 11.1 10.9 11.2	11.3
1053F 77.8 69.68 11.7 1053F 11.6 11.6 11.9 1053G 66.98 60.08 11.5 1058A 78.69 71.02 10.8 1058A 11.2 1058B 82.09 73.62 11.5 1058B 11.2 1058B 82.09 73.62 11.5 1058B 11.2 1058C 87.81 79.12 11.0 1058C 11.0 1058D 69.73 62.85 10.9 1058D 10.6 1058B 64.23 58.27 10.2 1058E 10.5 1058E 10.5 1058F 76.95 69.52 10.7 1058F 11.1 10.9 11.2	11.3
1053G 66.98 60.08 11.5 1058A 78.69 71.02 10.8 1058A 11.2 1058B 82.09 73.62 11.5 1058B 11.2 1058B 82.09 73.62 11.5 1058B 11.2 1058C 87.81 79.12 11.0 1058C 11.0 1058B 69.73 62.85 10.9 1058D 10.6 1058E 64.23 58.27 10.2 1058E 10.5 1058F 76.95 69.52 10.7 1058F 11.1 10.9 11.2	11.3
1058A 78.69 71.02 10.8 1058A 11.2 1058B 82.09 73.62 11.5 1058B 11.2 1058C 87.81 79.12 11.0 1058C 11.0 1058D 69.73 62.85 10.9 1058D 10.6 1058E 64.23 58.27 10.2 1058E 10.5 1058F 76.95 69.52 10.7 1058F 11.1 10.9 11.2	
1058B 82.09 73.62 11.5 1058B 11.2 1058C 87.81 79.12 11.0 1058C 11.0 1058D 69.73 62.85 10.9 1058D 10.6 1058E 64.23 58.27 10.2 1058E 10.5 1058F 76.95 69.52 10.7 1058F 11.1 10.9 11.2	
1058B 82.09 73.62 11.5 1058B 11.2 1058C 87.81 79.12 11.0 1058C 11.0 1058D 69.73 62.85 10.9 1058D 10.6 1058E 64.23 58.27 10.2 1058E 10.5 1058F 76.95 69.52 10.7 1058F 11.1 10.9 11.2	
1058C 87.81 79.12 11.0 1058C 11.0 1058D 69.73 62.85 10.9 1058D 10.6 1058E 64.23 58.27 10.2 1058E 10.5 1058F 76.95 69.52 10.7 1058F 11.1 10.9 11.2	
1058D 69.73 62.85 10.9 1058D 10.6 1058E 64.23 58.27 10.2 1058E 10.5 1058F 76.95 69.52 10.7 1058F 11.1 10.9 11.2	
1058E 64.23 58.27 10.2 1058E 10.5 1058F 76.95 69.52 10.7 1058F 11.1 10.9 11.2	
1058E 64.23 58.27 10.2 1058E 10.5 1058F 76.95 69.52 10.7 1058F 11.1 10.9 11.2	
1058F 76.95 69.52 10.7 1058F 11.1 10.9 11.2	
	40.5
	10.5
1058G 79.04 70.86 11.5	
1061A 72.06 65.31 10.3 1061A 10.6	
1061B 62.48 56.37 10.8 1061B 10.9	
1061C 64.07 57.75 10.9 1061C 11.0	
1061D 75.52 67.95 11.1 1061D 11.1	
1061E 74.28 66.91 11.0 1061E 11.0	
1061F 72.74 65.51 11.0 1061F 11.0	
1061G 68.86 62.05 11.0 1061G 11.2 11.0 11.2	10.6
1061H 68.84 61.78 11.4	
1063A 76.29 68.53 11.3 1063A 12.0	
1063B 69.16 61.37 12.7 1063B 12.6	
1063C 71.24 63.32 12.5 1063C 12.4	
1063D 80.7 71.88 12.3 1063D 12.4	
1063E 79.05 70.27 12.5 1063E 12.2	
1063F 73.73 65.91 11.9 1063F 11.7	
1063G 72.99 65.49 11.5 1063G 11.5 12.1 12.6	11.5
	11.5
1063H 72.82 65.29 11.5	
1074A 69.46 62.25 11.6 1074A 11.2	
1074B 60.89 54.94 10.8 1074B 11.1	
1074C 62.21 55.9 11.3 1074C 11.4	
1074D 75.11 67.41 11.4 1074D 11.0	
1074E 72.04 65.14 10.6 1074E 11.1	
	11.0
	11.0
1074G 69.73 62.76 11.1	
1083A 77.9 70.43 10.6 1083A 10.7	
1083B 72.88 65.73 10.9 1083B 11.1 10.9 11.1	10.7
	10.7
1083C 72.13 64.81 11.3	
1100A 56.59 51.21 10.5 1100A 10.5	
1100B 58.93 53.33 10.5 1100B 10.9	
1100D 69.45 63.31 9.7 1100D 9.8 10.4 10.9	9.8
1100E 60.91 55.45 9.8	
1104A 58.08 52.86 9.9 1104A 10.3	
1104B 64.89 58.65 10.6 1104B 10.7	
1104C 72.25 65.26 10.7 1104C 10.7	
1104D 64.62 58.37 10.7 1104D 10.9	
1104E 62.82 56.53 11.1 1104E 11.1	
1104F 64.45 58.06 11.0 1104F 11.1	
1104G 65.88 59.21 11.3 1104G 11.1 10.8 11.1	10.3
11104HI 68.25 61.49 11.0	
1104H 68.25 61.49 11.0	
1109A 60.98 55.12 10.6 1109A 10.7	
1109A60.9855.1210.61109A10.71109B62.9856.8510.81109B10.8	
1109A 60.98 55.12 10.6 1109A 10.7 1109B 62.98 56.85 10.8 1109B 10.8 1109C 67.21 60.66 10.8 1109C 10.9	
1109A 60.98 55.12 10.6 1109A 10.7 1109B 62.98 56.85 10.8 1109B 10.8 1109C 67.21 60.66 10.8 1109C 10.9 1109D 68.35 61.59 11.0 1109D 11.0	
1109A 60.98 55.12 10.6 1109A 10.7 1109B 62.98 56.85 10.8 1109B 10.8 1109C 67.21 60.66 10.8 1109C 10.9 1109D 68.35 61.59 11.0 1109D 11.0 1109E 70.91 63.87 11.0 1109E 11.1	
1109A 60.98 55.12 10.6 1109A 10.7 1109B 62.98 56.85 10.8 1109B 10.8 1109C 67.21 60.66 10.8 1109C 10.9 1109D 68.35 61.59 11.0 1109D 11.0	
1109A 60.98 55.12 10.6 1109A 10.7 1109B 62.98 56.85 10.8 1109B 10.8 1109C 67.21 60.66 10.8 1109C 10.9 1109D 68.35 61.59 11.0 1109D 11.0 1109E 70.91 63.87 11.0 1109E 11.1 1109F 70.21 63.15 11.2 1109F 11.2	10.7
1109A 60.98 55.12 10.6 1109A 10.7 1109B 62.98 56.85 10.8 1109B 10.8 1109C 67.21 60.66 10.8 1109D 10.9 1109D 68.35 61.59 11.0 1109D 11.0 1109E 70.91 63.87 11.0 1109F 11.1 1109F 70.21 63.15 11.2 1109F 11.2 1109G 66 59.29 11.3 1109G 11.3 11.0	10.7
1109A 60.98 55.12 10.6 1109A 10.7 1109B 62.98 56.85 10.8 1109B 10.8 1109C 67.21 60.66 10.8 1109C 10.9 1109D 68.35 61.59 11.0 1109D 11.0 1109E 70.91 63.87 11.0 1109E 11.1 1109F 70.21 63.15 11.2 1109F 11.2 1109G 66 59.29 11.3 1109G 11.3 11.0 11.3 1109H 73.17 65.72 11.3 1109G 11.3 11.3 11.3	10.7
1109A 60.98 55.12 10.6 1109A 10.7 1109B 62.98 56.85 10.8 1109B 10.8 1109C 67.21 60.66 10.8 1109C 10.9 1109D 68.35 61.59 11.0 1109D 11.0 1109E 70.91 63.87 11.0 1109E 11.1 1109F 70.21 63.15 11.2 1109F 11.2 1109G 66 59.29 11.3 1109G 11.3 11.0 11.3 1109H 73.17 65.72 11.3 110.1 11.0 11.3 1115A 56.59 51.46 10.0 1115A 10.0 1115A	10.7
1109A 60.98 55.12 10.6 1109A 10.7 1109B 62.98 56.85 10.8 1109B 10.8 1109C 67.21 60.66 10.8 1109C 10.9 1109D 68.35 61.59 11.0 1109D 11.0 1109E 70.91 63.87 11.0 1109E 11.1 1109F 70.21 63.15 11.2 1109F 11.2 1109G 66 59.29 11.3 1109G 11.3 11.0 11.3 1109H 73.17 65.72 11.3 110.4 10.0 1115A 56.59 51.46 10.0 1115A 10.0	10.7
1109A 60.98 55.12 10.6 1109A 10.7 1109B 62.98 56.85 10.8 1109B 10.8 1109C 67.21 60.66 10.8 1109C 10.9 1109D 68.35 61.59 11.0 1109D 11.0 1109E 70.91 63.87 11.0 1109E 11.1 1109F 70.21 63.15 11.2 1109F 11.2 1109G 66 59.29 11.3 1109G 11.3 11.0 11.3 1109H 73.17 65.72 11.3 1109H 11.0 11.3 1115A 56.59 51.46 10.0 1115A 10.0 1115B 58.46 53.09 10.1 1115B 10.2	10.7
1109A 60.98 55.12 10.6 1109A 10.7 1109B 62.98 56.85 10.8 1109B 10.8 1109C 67.21 60.66 10.8 1109C 10.9 1109D 68.35 61.59 11.0 1109D 11.0 1109E 70.91 63.87 11.0 1109E 11.1 1109F 70.21 63.15 11.2 1109F 11.2 1109G 66 59.29 11.3 1109G 11.3 11.0 11.3 1109H 73.17 65.72 11.3 1109H 11.0 11.3 1115A 56.59 51.46 10.0 1115A 10.0 1115B 58.46 53.09 10.1 1115B 10.2 1115C 61.19 55.52 10.2 1115C 10.1	10.7
1109A 60.98 55.12 10.6 1109A 10.7 1109B 62.98 56.85 10.8 1109B 10.8 1109C 67.21 60.66 10.8 1109C 10.9 1109D 68.35 61.59 11.0 1109D 11.0 1109E 70.91 63.87 11.0 1109E 11.1 1109F 70.21 63.15 11.2 1109F 11.2 1109G 66 59.29 11.3 1109G 11.3 11.0 11.3 1109H 73.17 65.72 11.3 100G 11.3 11.0 11.3 1115A 56.59 51.46 10.0 1115A 10.0 1115B 10.2 1115D 58.46 53.09 10.1 1115B 10.2 1115C 10.1 1115D 54.75 49.76 10.0 1115D 10.1	10.7
1109A 60.98 55.12 10.6 1109A 10.7 1109B 62.98 56.85 10.8 1109B 10.8 1109C 67.21 60.66 10.8 1109C 10.9 1109D 68.35 61.59 11.0 1109D 11.0 1109E 70.91 63.87 11.0 1109E 11.1 1109F 70.21 63.15 11.2 1109F 11.2 1109G 66 59.29 11.3 1109G 11.3 11.0 11.3 1109H 73.17 65.72 11.3 100G 11.3 11.0 11.3 1115A 56.59 51.46 10.0 1115A 10.0 1115B 10.2 1115D 58.46 53.09 10.1 1115B 10.2 1115C 10.1 1115D 54.75 49.76 10.0 1115D 10.1	10.7
1109A 60.98 55.12 10.6 1109A 10.7 1109B 62.98 56.85 10.8 1109B 10.8 1109C 67.21 60.66 10.8 1109D 10.9 1109D 68.35 61.59 11.0 1109D 11.0 1109E 70.91 63.87 11.0 1109E 11.1 1109F 70.21 63.15 11.2 1109F 11.2 1109G 66 59.29 11.3 1109G 11.3 11.0 11.3 1109H 73.17 65.72 11.3 1109G 11.3 11.0 11.3 1115B 58.46 53.09 10.1 1115B 10.2 1115C 61.19 55.52 10.2 1115C 10.1 1115D 54.75 49.76 10.0 1115D 10.1 1115D 54.75 50.96 10.2 1115E 10.1	10.7
1109A 60.98 55.12 10.6 1109A 10.7 1109B 62.98 56.85 10.8 1109B 10.8 1109C 67.21 60.66 10.8 1109C 10.9 1109D 68.35 61.59 11.0 1109D 11.0 1109D 68.35 61.59 11.0 1109E 11.1 1109F 70.21 63.15 11.2 1109F 11.2 1109G 66 59.29 11.3 1109F 11.3 11.0 1109H 73.17 65.72 11.3 1100G 11.3 11.0 1115B 58.46 53.09 10.1 1115B 10.2 1115C 61.19 55.52 10.2 1115C 10.1 1115D 54.75 49.76 10.0 1115D 10.1 1115D 54.75 50.96 10.2 1115C 10.1 1115E 56.15 50.96 10.2 1115D 10.1 <td></td>	
1109A 60.98 55.12 10.6 1109A 10.7 1109B 62.98 56.85 10.8 1109B 10.8 1109C 67.21 60.66 10.8 1109D 10.9 1109D 68.35 61.59 11.0 1109D 11.0 1109E 70.91 63.87 11.0 1109E 11.1 1109F 70.21 63.15 11.2 1109F 11.2 1109G 66 59.29 11.3 1109G 11.3 11.0 11.3 1109H 73.17 65.72 11.3 1109G 11.3 11.0 11.3 1115B 58.46 53.09 10.1 1115B 10.2 1115C 61.19 55.52 10.2 1115C 10.1 1115D 54.75 49.76 10.0 1115D 10.1 1115D 54.75 50.96 10.2 1115E 10.1	9.8

1117A								
	49.54	45.05	10.0	1117A	10.0			
1117B	51.2	46.51	10.1	1117B	10.1			
1117C	52.26	47.49	10.0	1117C	10.0			
1117D		46.03			9.8			
	50.59		9.9	1117D				
1117E	52.7	48.01	9.8	1117E	9.9			
1117F	51.55	46.87	10.0	1117F	9.6			
1117G	50.94	46.61	9.3	1117G	9.7	9.9	10.1	9.6
1117H	59.5	54.08	10.0					
1118A	65.73	59.58	10.3	1118A	10.7	1		
1118B	63.42	57.13	11.0	1118B	10.8			
1118C	64.81	58.63	10.5	1118C	10.6			
1118D	60.15	54.36	10.7	1118D	10.4			
1118E	59.45	54.01	10.1	1118E	10.0	10.5	10.8	10.0
1118F	72.75	66.22	9.9					
111A	65.26	58.2	12.1	1110	12.2			
				111A	12.2			
111B	59.85	53.28	12.3	111B	12.2			
111C	58.99	52.64	12.1	111C	12.0	12.1	12.2	12.0
111D	59.33	53.05	11.8					
1122A	66	59.37	11.2	1122A	10.9			
1122B	68.8	62.17	10.7	1122B	11.0			
-						44.4	44.5	40.0
1122C	72.99	65.55	11.4	1122C	11.5	11.1	11.5	10.9
1122D	76.13	68.19	11.6					
1123A	71.25	64.01	11.3	1123A	11.3			
1123B	72.53	65.13	11.4	1123B	11.4			
1120D	79	70.87	11.5	1123C	11.3	11.4	11.4	11.3
				11230	11.5	11.4	11.4	11.5
1123D	79.92	71.92	11.1					
112A	73.3	66.7	9.9	112A	10.3			
112B	70.21	63.38	10.8	112B	11.2			
112C	72.05	64.5	11.7	112C	12.1	11.2	12.1	10.3
112D	74.77	66.43	12.6					
				44004	44.4			
1133A	67.2	60.48	11.1	1133A	11.1			
1133B	67.13	60.46	11.0	1133B	11.3			
1133C	68.56	61.43	11.6	1133C	11.4	11.3	11.4	11.1
1133D	78.22	70.36	11.2					
1141A	64.27	58.64	9.6	1141A	9.5			
_								
1141B	62.62	57.26	9.4	1141B	9.5			
1141C	59.99	54.76	9.6	1141C	9.4			
1141D	65.6	60.04	9.3	1141D	9.6			
		E7 20	40.0	1141E	9.9	9.6	9.9	9.4
1141E	63.02	57.29	10.0					
	63.02 62.45	57.29 56.88	10.0 9.8					
1141F	62.45	56.88	9.8		44.4			-
1141F 1142A	62.45 67.51	56.88 61.27	9.8 10.2	1142A	11.1			
1141F	62.45 67.51 74.91	56.88	9.8 10.2 12.0		11.1 12.5			
1141F 1142A	62.45 67.51	56.88 61.27	9.8 10.2	1142A				
1141F 1142A 1142B	62.45 67.51 74.91	56.88 61.27 66.89	9.8 10.2 12.0	1142A 1142B	12.5	12.2	12.7	11.1
1141F 1142A 1142B 1142C 1142D	62.45 67.51 74.91 73.46 72.92	56.88 61.27 66.89 64.96 64.94	9.8 10.2 12.0 13.1 12.3	1142A 1142B 1142C	12.5 12.7	12.2		
1141F 1142A 1142B 1142C 1142D 1142E	62.45 67.51 74.91 73.46 72.92 79.61	56.88 61.27 66.89 64.96 64.94 70.79	9.8 10.2 12.0 13.1 12.3 12.5	1142A 1142B 1142C 1142D	12.5 12.7 12.4	12.2		
1141F 1142A 1142B 1142C 1142C 1142D 1142E 1145A	62.45 67.51 74.91 73.46 72.92 79.61 65.4	56.88 61.27 66.89 64.96 64.94 70.79 59.29	9.8 10.2 12.0 13.1 12.3 12.5 10.3	1142A 1142B 1142C 1142D 1142D	12.5 12.7 12.4 9.9	12.2		
1141F 1142A 1142B 1142C 1142D 1142E 1145A 1145B	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87	56.88 61.27 66.89 64.96 64.94 70.79 59.29 63.81	9.8 10.2 12.0 13.1 12.3 12.5 10.3 9.5	1142A 1142B 1142C 1142D 1145A 1145B	12.5 12.7 12.4 9.9 9.5	12.2		
1141F 1142A 1142B 1142C 1142C 1142D 1142E 1145A	62.45 67.51 74.91 73.46 72.92 79.61 65.4	56.88 61.27 66.89 64.96 64.94 70.79 59.29	9.8 10.2 12.0 13.1 12.3 12.5 10.3	1142A 1142B 1142C 1142D 1142D	12.5 12.7 12.4 9.9	12.2		
1141F 1142A 1142B 1142C 1142D 1142E 1145A 1145B	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87	56.88 61.27 66.89 64.96 64.94 70.79 59.29 63.81	9.8 10.2 12.0 13.1 12.3 12.5 10.3 9.5	1142A 1142B 1142C 1142D 1145A 1145B	12.5 12.7 12.4 9.9 9.5	12.2		
1141F 1142A 1142B 1142C 1142D 1142E 1145A 1145B 1145C	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91	56.88 61.27 66.89 64.96 64.94 70.79 59.29 63.81 55.61	9.8 10.2 12.0 13.1 12.3 12.5 10.3 9.5 9.5	1142A 1142B 1142C 1142D 1145A 1145A 1145B 1145C	12.5 12.7 12.4 9.9 9.5 9.7	12.2		
1141F 1142A 1142B 1142C 1142D 1142E 1145A 1145B 1145C 1145D 1145E	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.42	56.88 61.27 66.89 64.96 64.94 70.79 59.29 63.81 55.61 57.76 59.89	9.8 10.2 12.0 13.1 12.3 12.5 10.3 9.5 9.5 9.5 9.9 9.2	1142A 1142B 1142C 1142D 1145A 1145A 1145B 1145C 1145D 1145E	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6	12.2		
1141F 1142A 1142B 1142C 1142D 1142E 1145A 1145B 1145C 1145D 1145E 1145F	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.42 57.69	56.88 61.27 66.89 64.96 64.94 70.79 59.29 63.81 55.61 57.76 59.89 52.49	9.8 10.2 12.0 13.1 12.3 12.5 10.3 9.5 9.5 9.9 9.9 9.2 9.9	1142A 1142B 1142C 1142D 1142D 1145A 1145B 1145C 1145D 1145E 1145F	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0		12.7	11.1
1141F 1142A 1142B 1142C 1142D 1142E 1145A 1145B 1145C 1145D 1145F 1145F 1145G	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.42 57.69 55.27	56.88 61.27 66.89 64.96 64.94 70.79 59.29 63.81 55.61 57.76 59.89 52.49 50.2	9.8 10.2 12.0 13.1 12.3 12.5 10.3 9.5 9.5 9.5 9.9 9.2	1142A 1142B 1142C 1142D 1145A 1145A 1145B 1145C 1145D 1145E	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6	9.7		
1141F 1142A 1142B 1142C 1142D 1142E 1145A 1145B 11455 11455 11455 11455 11455 11455	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.42 57.69 55.27 60.45	56.88 61.27 66.89 64.96 64.94 70.79 59.29 63.81 55.61 57.76 59.89 52.49 50.2 55.23	9.8 10.2 12.0 13.1 12.3 12.5 10.3 9.5 9.9 9.2 9.9 10.1 9.5	1142A 1142B 1142C 1142D 1142D 1145A 1145B 1145C 1145D 1145E 1145F 1145G	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8		12.7	11.1
1141F 1142A 1142B 1142C 1142D 1142E 1145A 1145B 11455 11455 11455 11455 11455 11455	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.42 57.69 55.27	56.88 61.27 66.89 64.96 64.94 70.79 59.29 63.81 55.61 57.76 59.89 52.49 50.2	9.8 10.2 12.0 13.1 12.3 12.5 10.3 9.5 9.9 9.2 9.9 10.1	1142A 1142B 1142C 1142D 1142D 1145A 1145B 1145C 1145D 1145E 1145F	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0		12.7	11.1
1141F 1142A 1142B 1142C 1142D 1142E 1145A 1145B 11455 11455 11455 11455 11455 11455	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.42 57.69 55.27 60.45	56.88 61.27 66.89 64.96 64.94 70.79 59.29 63.81 55.61 57.76 59.89 52.49 50.2 55.23	9.8 10.2 12.0 13.1 12.3 12.5 10.3 9.5 9.9 9.2 9.9 10.1 9.5	1142A 1142B 1142C 1142D 1142D 1145A 1145B 1145C 1145D 1145E 1145F 1145G	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8		12.7	11.1
1141F 1142A 1142B 1142C 1142D 1142E 1145A 1145B 1145C 1145C 1145F 1145F 1145F 1145F 1145F 1145F 1145F 1145A 1153A	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.42 57.69 55.27 60.45 69.75 67.82	56.88 61.27 66.89 64.96 64.94 70.79 59.29 63.81 55.61 57.76 59.89 52.49 50.2 55.23 62.57 61.26	9.8 10.2 12.0 13.1 12.3 10.3 9.5 9.9 9.2 9.9 10.1 9.5 11.5 10.7	1142A 1142B 1142C 1142C 1142D 1145A 1145B 1145C 1145D 1145E 1145F 1145G 1145G 1145G 1153A	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8 11.1 10.7		12.7	11.1
1141F 1142A 1142B 1142C 1142D 1142D 1142E 1145A 1145B 1145C 1145D 1145F 1145G 1145G 1145G 1145G 1145G 1145G 1145G 1145G 1145G	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.42 57.69 55.27 60.45 69.75 67.82 67.47	56.88 61.27 66.89 64.96 64.94 70.79 59.29 63.81 55.61 57.76 59.89 52.49 50.2 55.23 62.57 61.26 60.93	9.8 10.2 12.0 13.1 12.3 10.3 9.5 9.9 9.2 9.9 10.1 9.5 10.1 9.5 10.7	1142A 1142B 1142C 1142C 1142D 1145A 1145B 1145C 1145D 1145F 1145F 1145G 1145G 1153A 1153B 1153C	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8 11.1 10.7 10.6		12.7	11.1
1141F 1142A 1142B 1142C 1142C 1142E 1145A 1145B 1145C 1145G 1145F 1145G 1145F 1145G 1145H 1145G 1145H 1153A 1153C 1153D	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.42 57.69 55.27 60.45 69.75 67.82 67.72 67.47 66.21	56.88 61.27 66.89 64.96 64.94 70.79 59.29 63.81 55.61 57.76 59.89 52.49 50.2 55.23 62.57 61.26 60.93 59.95	9.8 10.2 12.0 13.1 12.5 10.3 9.5 9.5 9.9 10.1 9.5 10.7 10.7	1142A 1142B 1142C 1142D 1142D 1145B 1145B 1145C 1145C 1145C 1145F 1145G 1145G 1153A 1153B 1153C 1153D	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8 11.1 10.7 10.6 10.7	9.7	12.7	9.5
1141F 1142A 1142B 1142C 1142C 1142E 1145A 1145B 1145C 1145B 1145F 1145G 1145F 1145G 1145F 1145G 1145H 1153A 1153B 1153C	62.45 67.51 74.91 73.46 72.92 79.61 69.87 60.91 63.47 65.42 57.69 55.27 60.45 69.75 67.82 67.47 66.21 69.69	56.88 61.27 66.89 64.94 70.79 59.29 63.81 55.61 57.76 59.89 50.2 55.23 62.57 61.26 60.93 59.95 62.79	9.8 10.2 12.0 13.1 12.5 10.3 9.5 9.9 9.2 9.9 10.1 9.5 10.7 10.7 10.7 10.4 11.0	1142A 1142B 1142C 1142C 1142D 1145A 1145B 1145C 1145D 1145F 1145F 1145G 1145G 1153A 1153B 1153C	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8 11.1 10.7 10.6		12.7	9.5
1141F 1142A 1142B 1142C 1142C 1142E 1145A 1145B 1145C 1145G 1145F 1145G 1145F 1145G 1145H 1145G 1145H 1153A 1153C 1153D	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.42 57.69 55.27 60.45 69.75 67.82 67.72 67.47 66.21	56.88 61.27 66.89 64.96 64.94 70.79 59.29 63.81 55.61 57.76 59.89 52.49 50.2 55.23 62.57 61.26 60.93 59.95	9.8 10.2 12.0 13.1 12.5 10.3 9.5 9.5 9.9 10.1 9.5 10.7 10.7	1142A 1142B 1142C 1142D 1142D 1145B 1145B 1145C 1145C 1145C 1145F 1145G 1145G 1153A 1153B 1153C 1153D	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8 11.1 10.7 10.6 10.7	9.7	12.7	9.5
1141F 1142A 1142B 1142C 1142C 1142E 1145A 1145B 1145C 1145B 1145F 1145G 1145F 1145G 1145F 1145G 1145H 1153A 1153B 1153C	62.45 67.51 74.91 73.46 72.92 79.61 69.87 60.91 63.47 65.42 57.69 55.27 60.45 69.75 67.82 67.47 66.21 69.69	56.88 61.27 66.89 64.94 70.79 59.29 63.81 55.61 57.76 59.89 50.2 55.23 62.57 61.26 60.93 59.95 62.79	9.8 10.2 12.0 13.1 12.5 10.3 9.5 9.9 9.2 9.9 10.1 9.5 10.7 10.7 10.7 10.4 11.0	1142A 1142B 1142C 1142D 1142D 1145B 1145B 1145C 1145C 1145C 1145F 1145G 1145G 1153A 1153B 1153C 1153D	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8 11.1 10.7 10.6 10.7	9.7	12.7	9.5
1141F 1142A 1142B 1142C 1142C 1142E 1145A 1145B 1145C 1145D 1145F 1145G 1145H 1145G 1145H 1153A 1153B 1153C 1153F 1153F	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.42 57.69 55.27 60.45 67.82 67.47 66.21 69.69 63.42 72.65	56.88 61.27 66.89 64.94 70.79 59.29 63.81 55.61 57.76 59.89 52.49 50.2 55.23 62.57 61.26 60.93 59.95 62.79 57.27 65.56	9.8 10.2 12.0 13.1 12.5 10.3 9.5 9.9 9.9 10.1 9.5 10.7 10.7 10.7 10.7 10.7	1142A 1142B 1142C 1142D 1145A 1145B 1145C 1145D 1145C 1145G 1145G 1145G 1153A 1153B 1153C 1153D 1153E 1153A	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8 11.1 10.7 10.6 10.7 10.9	9.7	12.7	9.5
1141F 1142A 1142B 1142C 1142C 1142C 1145A 1145B 1145C 1145G 1145G 1145G 1145G 1145G 1145G 1145G 1153B 1153C 1153B 1153E 1153A 1158A 1158B	62.45 67.51 74.91 72.92 79.61 65.4 69.87 60.91 63.47 65.42 57.69 55.27 60.45 69.75 67.82 67.82 67.47 66.21 69.69 63.42 72.65 76.44	$\begin{array}{c} 56.88\\ 61.27\\ 66.89\\ 64.94\\ 70.79\\ 59.29\\ 63.81\\ 55.61\\ 57.76\\ 59.89\\ 52.49\\ 50.2\\ 55.23\\ 62.57\\ 61.26\\ 60.93\\ 59.95\\ 62.79\\ 57.27\\ 65.56\\ 68.68\\ \end{array}$	9.8 10.2 12.0 13.1 12.3 12.5 10.3 9.5 9.9 9.9 9.1.5 10.7 10.7 10.7 10.8 11.3	1142A 1142B 1142C 1142D 1145A 1145B 1145D 1145D 1145G 1145G 1145G 1153A 1153B 1153C 1153B 1153E 1153B	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8 11.1 10.7 10.6 10.7 10.9 11.1 11.3	9.7	12.7	9.5
1141F 1142A 1142B 1142C 1142C 1142E 1145A 1145B 1145C 1145G 1145F 1145G 1145F 1145G 1145F 1145G 1145H 1153A 1153B 1153C 1153F 1158B 1158B	62.45 67.51 74.91 72.92 79.61 65.4 69.87 60.91 63.47 65.42 57.69 55.27 60.45 69.75 67.82 67.47 66.21 69.69 63.42 72.65 76.44 74.82	$\begin{array}{c} 56.88\\ 61.27\\ 66.89\\ 64.94\\ 70.79\\ 59.29\\ 63.81\\ 55.61\\ 57.76\\ 59.89\\ 52.49\\ 50.2\\ 55.23\\ 62.57\\ 61.26\\ 60.93\\ 59.95\\ 62.79\\ 57.27\\ 61.26\\ 60.93\\ 59.95\\ 62.79\\ 57.27\\ 61.55\\ 60.93\\ 60.93\\ 59.95\\ 62.79\\ 57.27\\ 61.55\\ 60.93\\ 59.95\\ 62.79\\ 57.27\\ 61.55\\ 60.93\\ 59.95\\ 62.79\\ 57.27\\ 61.55\\ 62.79\\ 65.55\\ 62.79\\ 61.55\\ 62.79\\ 65.55\\ 62.79\\ 65.55\\ 62.79\\ 65.55\\ 62.79\\ 65.55\\ 62.79\\ 65.55\\ 62.79\\ 65.55\\ 62.79\\ 65.55\\ 62.79\\ 65.55\\ 62.79\\ 65.55\\ 62.79\\ 65.55\\ 62.79\\ 65.55\\ 62.79\\ 65.55\\ 62.79\\ 65.55\\ 62.79\\ 65.55\\ 62.79\\ 65.55\\ 62.59\\ 62.$	9.8 10.2 12.0 13.1 12.3 12.5 10.3 9.5 9.9 9.2 9.9 10.1 9.5 10.7 10.7 10.7 10.7 10.8 11.3 11.4	1142A 1142B 1142C 1142D 1142D 1145B 1145B 1145B 1145F 1145F 1145F 1145F 1145G 1153A 1153B 1153C 1153B 1153E 1158B 1158B 1158B	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8 11.1 10.7 10.6 10.7 10.9 11.1 11.3 11.4	9.7	12.7	9.5
1141F 1142A 1142B 1142C 1142E 1142E 1145A 1145B 1145C 1145G 1145G 1145G 1145G 1145G 1145G 1145G 1145H 1153C 1153C 1153C 1153B 1153C 1158A 1158B	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.42 57.69 55.27 60.45 67.42 67.47 66.21 69.69 63.42 72.65 76.44 72.65	56.88 61.27 66.89 64.94 70.79 59.29 63.81 55.61 57.76 59.89 50.2 55.23 62.57 61.26 60.93 59.95 62.79 57.27 65.56 60.93 59.95 62.79 57.27 65.56 68.68 68.68 67.19 68.43	9.8 10.2 12.0 13.1 12.5 10.3 9.5 9.5 9.9 10.1 9.5 10.7 10.7 10.7 11.3 11.3 11.4 11.4	1142A 1142B 1142C 1142D 1145A 1145B 1145D 1145D 1145G 1145G 1145G 1153A 1153B 1153C 1153B 1153E 1153B	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8 11.1 10.7 10.6 10.7 10.9 11.1 11.3	9.7	12.7	9.5
1141F 1142A 1142B 1142C 1142C 1142E 1145A 1145B 1145C 1145G 1145F 1145G 1145F 1145G 1145F 1145G 1145H 1153A 1153B 1153C 1153F 1158B 1158B	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.42 65.42 57.69 55.27 60.45 67.82 67.82 67.82 67.82 67.82 67.82 67.82 72.65 76.44 72.65 76.44 74.82 76.25 84.43	$\begin{array}{r} 56.88\\ 61.27\\ 66.89\\ 64.94\\ 70.79\\ 59.29\\ 63.81\\ 55.61\\ 57.76\\ 59.89\\ 50.2\\ 55.23\\ 62.57\\ 61.26\\ 60.93\\ 59.95\\ 62.79\\ 57.27\\ 65.56\\ 68.68\\ 67.19\\ 57.21\\ 68.43\\ 76.14\\ \end{array}$	9.8 10.2 12.0 13.1 12.3 12.5 10.3 9.5 9.9 9.2 9.9 10.1 9.5 10.7 10.7 10.7 10.7 10.8 11.3 11.4	1142A 1142B 1142C 1142D 1142D 1145A 1145B 1145C 1145C 1145G 1145F 1145G 1145G 1145G 1153B 1153C 1153B 1158C 1158B 1158C	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8 11.1 10.7 10.6 10.7 10.9 11.1 11.3 11.4 11.2	9.7	12.7	9.5
1141F 1142A 1142B 1142C 1142E 1142E 1145A 1145B 1145C 1145G 1145G 1145G 1145G 1145G 1145G 1145G 1145H 1153C 1153C 1153C 1153B 1153C 1158A 1158B	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.42 65.42 57.69 55.27 60.45 67.82 67.82 67.82 67.82 67.82 67.82 67.82 72.65 76.44 72.65 76.44 74.82 76.25 84.43	56.88 61.27 66.89 64.94 70.79 59.29 63.81 55.61 57.76 59.89 50.2 55.23 62.57 61.26 60.93 59.95 62.79 57.27 65.56 60.93 59.95 62.79 57.27 65.56 68.68 68.68 67.19 68.43	9.8 10.2 12.0 13.1 12.5 10.3 9.5 9.5 9.9 10.1 9.5 10.7 10.7 10.7 11.3 11.3 11.4 11.4	1142A 1142B 1142C 1142D 1142D 1145B 1145B 1145B 1145F 1145F 1145F 1145F 1145G 1153A 1153B 1153C 1153B 1153E 1158B 1158B 1158B	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8 11.1 10.7 10.6 10.7 10.9 11.1 11.3 11.4	9.7	12.7	9.5
1141F 1142A 1142B 1142C 1142C 1142E 1145A 1145B 1145C 1145B 1145C 1145F 1145G 1145H 1145G 1145H 1153A 1153B 1153F 1153F 1158A 1158B 1158B 1158E 1158E 1158A	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.49 55.27 60.45 65.42 67.45 67.82 67.45 69.75 67.82 67.41 69.69 63.42 72.65 76.24 72.65 76.24 72.65 76.24 72.65 76.24 72.65 76.24 76.25 76.24 76.25 76.24 76.25 76.24 76.25 76.24 76.25 76.24 76.25 76.24 76.25 76.24 76.25 76.24 77.65 76.44 77.65 76.44 77.65 76.44 77.65 76.44	$\begin{array}{r} 56.88\\ 61.27\\ 66.89\\ 64.94\\ 70.79\\ 59.29\\ 63.81\\ 55.61\\ 57.76\\ 59.89\\ 50.2\\ 55.23\\ 62.57\\ 61.26\\ 60.93\\ 59.95\\ 59.95\\ 57.27\\ 65.56\\ 68.68\\ 67.19\\ 57.27\\ 65.56\\ 68.68\\ 67.19\\ 57.27\\ 65.56\\ 68.68\\ 67.14\\ 65.16\\ \end{array}$	9.8 10.2 12.0 13.1 12.5 10.3 9.5 9.9 9.9 9.9 10.1 9.5 9.9 10.7 10.7 10.7 10.7 10.7 10.7 10.7 9.9 9.9 9.9 9.9 10.1 9.5 9.9 9.9 9.9 9.9 9.9 9.9 11.3 11.4 10.9 9.9	1142A 1142B 1142C 1142D 1142D 1145A 1145B 1145C 1145C 1145C 1145F 1145G 1145F 1145G 1153B 1153C 1153B 1158B 1158B 1158B 1158B 1158B 1158B 1158B	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8 11.1 10.7 10.9 11.1 11.3 11.4 11.2	9.7	12.7	9.5
1141F 1142A 1142B 1142C 1142C 1142C 1142E 1145A 1145B 1145G 1145G 1145G 1145G 1145G 1145G 1145G 1153B 1153B 1153C 1153B 1158A 11	62.45 67.51 74.91 72.92 79.61 65.4 69.87 60.87 63.47 65.42 57.69 55.27 60.45 69.75 67.82 77.63 77.64 77.64 77.65 77.69 77.64 77.65 77.69 77.65 77.69 77.65 77.69 77.67 77.65 77.69 77.67 77.82 77.67 77.82 77.65 77.82 77.65 77.82 77.65 77.82 77.65 77.82 77.65 77.82 77.65 77.82 77.65 77.82 77.65 77.82 77.65 77.82 77.65 77.82 77.65 77.64 77.82 77.65 77.82 77.65 77.82 77.65 77.82 77.65 77.82 77.65 77.64 77.82 77.65 77.64 77.82 77.65 77.64 77.82 77.65 77.64 77.82 77.65 77.64 77.82 77.65 77.64 77.65 77.64 77.65 77.64 77.65 77.64 77.65 77.64 77.65 77.64 77.65 77.64 77.65 77.64 77.65 77.64 77.65 77.64 77.65 77.64 77.65 77.64 77.65 77.64 77.65 77.64 77.65 77.64 77.65 77.64 77.65 77.64 77.65 77.64 77.65 77.65 77.64 77.65 77.65 77.64 77.65 77.65 77.64 77.65 77.64 77.65 77.65 77.65 77.64 77.65 7	$\begin{array}{c} 56.88\\ 61.27\\ 66.89\\ 64.94\\ 70.79\\ 59.29\\ 63.81\\ 55.76\\ 59.89\\ 52.49\\ 50.2\\ 55.23\\ 62.57\\ 61.26\\ 60.93\\ 59.95\\ 62.79\\ 57.27\\ 65.56\\ 68.68\\ 67.19\\ 68.43\\ 76.14\\ 65.16\\ 62.8\\ \end{array}$	9.8 10.2 12.0 13.1 12.3 12.5 10.3 9.5 9.9 9.9 9.1.5 10.7 10.7 10.7 10.7 10.7 10.8 11.3 11.4 10.4 10.2	1142A 1142B 1142C 1142D 1142D 1145E 1145D 1145D 1145G 1145G 1145G 1153A 1153B 1153C 1153D 1153E 1158A 1158B 1158B 1158B 1158D 1159A	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 9.6 10.0 9.8 11.1 10.7 10.6 10.7 10.9 11.1 11.3 11.4 11.2 10.1 10.3	9.7	12.7	9.5
1141F 1142A 1142B 1142C 1142C 1142E 1145A 1145B 1145G 1145G 1145F 1145G 1145G 1145G 1145G 1145G 1153B 1153C 1153B 1158A 1158B 1158A 1158B 1158B 1159B 1159B	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.42 57.69 55.27 60.45 69.75 67.82 67.82 67.47 66.21 69.69 63.42 72.65 84.43 74.82 76.25 84.43 71.61 69.23 72.79	$\begin{array}{c} 56.88\\ 61.27\\ 66.89\\ 64.94\\ 70.79\\ 59.29\\ 63.81\\ 55.76\\ 59.89\\ 50.2\\ 55.23\\ 62.57\\ 61.26\\ 60.93\\ 59.95\\ 62.79\\ 57.26\\ 65.56\\ 68.68\\ 67.19\\ 68.43\\ 76.14\\ 65.16\\ 62.8\\ 65.99\\ \end{array}$	9.8 10.2 12.0 13.1 12.3 12.5 10.3 9.5 9.9 9.2 9.9 10.1 9.5 10.7 10.7 10.7 10.7 10.8 11.3 11.4 10.9 9.9 10.2	1142A 1142B 1142C 1142D 1142D 1145A 1145B 1145C 1145G 1145G 1145G 1145G 1153A 1153A 1153B 1153C 1153B 1158A 1158B 1158C 1158D 1159A 1159B 1159C	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8 11.1 10.7 10.6 10.7 10.9 11.1 11.3 11.4 11.2 10.1 10.3 10.3	9.7	12.7	9.5
1141F 1142A 1142B 1142C 1142E 1142E 1145A 1145B 1145C 1145G 1145G 1145F 1145G 1145G 1145G 1145G 1145G 1153A 1153B 1153C 1153B 1153B 1158B 1158B 1158B 1158B 1158B 1159D 1159D	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.42 57.69 55.27 60.45 69.75 67.82 67.47 66.21 69.69 63.42 72.65 84.43 71.61 69.25 84.43 71.61 69.29 66.92	$\begin{array}{c} 56.88\\ 61.27\\ 66.89\\ 64.94\\ 70.79\\ 59.29\\ 63.81\\ 55.61\\ 57.76\\ 59.89\\ 52.49\\ 50.2\\ 55.23\\ 62.57\\ 61.26\\ 60.93\\ 59.95\\ 62.79\\ 57.27\\ 61.26\\ 60.93\\ 59.95\\ 62.79\\ 57.27\\ 61.26\\ 68.68\\ 67.19\\ 68.43\\ 76.14\\ 65.16\\ 62.8\\ 65.99\\ 60.64\\ \end{array}$	9.8 10.2 12.0 13.1 12.5 10.3 9.5 9.5 9.9 10.1 9.5 10.7 10.7 10.7 10.7 10.7 10.4 11.3 11.4 10.9 9.9 10.2 10.3 10.4	1142A 1142B 1142C 1142D 1145A 1145B 1145C 1145C 1145C 1145C 1145G 1145G 1145G 1145G 1153A 1153B 1153A 1153B 1153C 1153D 1158A 1158B 1159A 1159B 1159C 1159D	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8 11.1 10.7 10.9 11.1 11.3 11.4 11.2 10.1 10.3 10.3 10.3	9.7	12.7	9.5
1141F 1142A 1142B 1142C 1142E 1142E 1145A 1145B 1145C 1145B 1145C 1145G 1145G 1145G 1145G 1145G 1145G 1145G 1153C 1153B 1153C 1153B 1158C 1158B 1158C 1159D 1159E	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.42 57.69 55.27 60.45 67.42 67.47 66.21 69.69 63.42 72.65 76.44 74.82 76.25 84.43 71.61 69.23 72.79 84.92 73.62	$\begin{array}{r} 56.88\\ 61.27\\ 66.89\\ 64.94\\ 70.79\\ 59.29\\ 63.81\\ 55.61\\ 57.76\\ 59.89\\ 50.2\\ 55.23\\ 62.57\\ 61.26\\ 60.93\\ 59.95\\ 62.79\\ 57.27\\ 65.56\\ 68.68\\ 68.68\\ 67.19\\ 68.43\\ 76.14\\ 65.16\\ 62.89\\ 60.64\\ 65.78\\ \end{array}$	9.8 10.2 12.0 13.1 12.5 10.3 9.5 9.5 9.9 10.1 9.5 10.7 10.7 10.7 10.7 10.7 10.3 11.4 11.9 9.9 10.1	1142A 1142B 1142C 1142D 1142D 1145A 1145B 1145C 1145G 1145G 1145G 1145G 1153A 1153A 1153B 1153C 1153B 1158A 1158B 1158C 1158D 1159A 1159B 1159C	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8 11.1 10.7 10.6 10.7 10.9 11.1 11.3 11.4 11.2 10.1 10.3 10.3	9.7	12.7	9.5
1141F 1142A 1142B 1142C 1142E 1142E 1145A 1145B 1145C 1145G 1145G 1145F 1145G 1145G 1145G 1145G 1145G 1153A 1153B 1153C 1153B 1153B 1158B 1158B 1158B 1158B 1158B 1159D 1159D	62.45 67.51 74.91 73.46 72.92 79.61 65.4 69.87 60.91 63.47 65.42 57.69 55.27 60.45 69.75 67.82 67.47 66.21 69.69 63.42 72.65 84.43 71.61 69.25 84.43 71.61 69.29 66.92	$\begin{array}{c} 56.88\\ 61.27\\ 66.89\\ 64.94\\ 70.79\\ 59.29\\ 63.81\\ 55.61\\ 57.76\\ 59.89\\ 52.49\\ 50.2\\ 55.23\\ 62.57\\ 61.26\\ 60.93\\ 59.95\\ 62.79\\ 57.27\\ 61.26\\ 60.93\\ 59.95\\ 62.79\\ 57.27\\ 61.26\\ 68.68\\ 67.19\\ 68.43\\ 76.14\\ 65.16\\ 62.8\\ 65.99\\ 60.64\\ \end{array}$	9.8 10.2 12.0 13.1 12.5 10.3 9.5 9.5 9.9 10.1 9.5 10.7 10.7 10.7 10.7 10.7 10.4 11.3 11.4 10.9 9.9 10.2 10.3 10.4	1142A 1142B 1142C 1142D 1145A 1145B 1145C 1145C 1145C 1145C 1145G 1145G 1145G 1145G 1153A 1153B 1153A 1153B 1153C 1153D 1158A 1158B 1159A 1159B 1159C 1159D	12.5 12.7 12.4 9.9 9.5 9.7 9.6 9.6 10.0 9.8 11.1 10.7 10.9 11.1 11.3 11.4 11.2 10.1 10.3 10.3 10.3	9.7	12.7	9.5

1312H 65.72 59.5 10.5 1333A 49.46 45.38 9.0 1333A 9.8 1333B 76.54 69.21 10.6 1333B 11.3 1333C 86.98 77.68 12.0 1333C 12.3 1333D 91.1 80.9 12.6 1333D 12.7 1333E 86.06 76.27 12.8 1333E 12.3 1333F 82.55 73.85 11.8 1333F 12.0 1333G 83.13 74.09 12.2 1333G 11.8 12.7 9.8 1333H 80.79 72.36 11.7 11.8 12.7 9.8 1333H 80.79 72.36 11.7 1341B 68.85 62.26 10.6 1341B 10.4 1341D 71.7 65.08 10.2 1341C 10.4 1341D 78.11 70.64 10.6 1341B 10.4 1341E 75.86 68.01							
1160C 72.62 65.54 10.8 1160C 10.7 10.7 10.8 10.6 1160D 67.49 60.89 10.8 1160C 10.7 10.7 10.8 10.8 1160E 82.1 74.28 10.5 11688 68.04 60.66 12.2 11688 11.7 1168C 68.04 60.66 11.3 1168D 11.8 12.0 11.8 12.0 11.4 1168D 70.77 63.56 11.3 1168D 11.7 1168C 11.4 1172B 61.07 55.38 10.3 1172D 10.0 11.1 1168D 11.1 11.0 11.0 11.0 11.0 11.0 10.0 11.1 11.0 11.0 10.0 11.1 11.0 10.0 11.1 11.0 10.0 10.1 10.1 10.0 10.1 10.0 10.1 10.0 10.1 10.0 10.1 10.0 10.1 10.0 10.1 10.0 10.1 <td>1160B 69.71</td> <td>68.29</td> <td>10.3</td> <td>1160A</td> <td>10.6</td> <td></td> <td></td>	1160B 69.71	68.29	10.3	1160A	10.6		
1160C 72.62 65.54 10.8 1160C 10.7 10.7 10.8 10.6 1160D 67.49 60.89 10.8 1160C 10.7 10.7 10.8 10.8 1160E 82.1 74.28 10.5 11688 68.04 60.66 12.2 11688 11.7 1168C 68.04 60.66 11.3 1168D 11.8 12.0 11.8 12.0 11.4 1168D 70.77 63.56 11.3 1168D 11.7 1168C 11.4 1172B 61.07 55.38 10.3 1172D 10.0 11.1 1168D 11.1 11.0 11.0 11.0 11.0 11.0 10.0 11.1 11.0 11.0 10.0 11.1 11.0 10.0 11.1 11.0 10.0 10.1 10.1 10.0 10.1 10.0 10.1 10.0 10.1 10.0 10.1 10.0 10.1 10.0 10.1 10.0 10.1 <td></td> <td>62.86</td> <td>10.9</td> <td>1160B</td> <td>10.8</td> <td></td> <td></td>		62.86	10.9	1160B	10.8		
1160D 67.49 60.89 10.8 1160D 10.7 10.7 10.8 10.8 11680 80.4 60.66 12.2 1168A 12.0 1168A 12.0 11.8 12.0 11.4 11680 77.0 63.56 11.3 1168D 12.0 11.8 12.0 11.4 11680 77.0 76.35 11.3 1168D 12.0 11.8 12.0 11.4 11680 77.7 63.56 11.3 1168D 12.0 11.4 11.6 11726 61.07 12.6 11.7 10.0 11.7 10.0 11.7 10.6 11.0 10.0 11725 66.73 61.13 10.8 1172E 10.7 10.6 11.0 10.0 11725 67.65 51.12 11.0 1172E 10.7 10.6 11.0 10.0 11896 67.62 53.8 10.6 11.89 9.8 1189E 10.6 10.1 10.6 9.8 11896 75.2 51.9 10.2 1189E	11000 70.00						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$							
1168A 68.04 60.66 12.2 1168A 12.0 1168B 72.04 64.36 11.9 1168B 11.7 1168C 68.01 11.5 1168C 11.4 117 1168D 70.77 63.56 11.3 1168D 12.0 11.8 12.0 11.4 1172B 61.07 55.38 10.3 1172C 10.0 1172C 10.7 11.0 1172C 10.7 10.6 11.0 10.0 1172F 64.45 58.26 10.6 1172F 10.7 10.6 11.0 10.0 1172C 64.75 61.13 10.8 1172F 10.6 11.0 10.0 1172H 67.6 61.3 10.8 1189D 9.8 1189D 11.1 11.0 10.0 10.0 10.0 10.0 10.0 10.0 10.6 9.8 1189D 9.8 1189D 9.7 1196D 11.6 5.7 9.8 1189D 9.7 1196D	1160D 67.49	60.89	10.8	1160D	10.7	10.7	10.8 10.6
1168A 68.04 60.66 12.2 1168A 12.0 1168B 72.04 64.36 11.9 1168B 11.7 1168C 68.01 11.5 1168C 11.4 117 1168D 70.77 63.56 11.3 1168D 12.0 11.8 12.0 11.4 1172B 61.07 55.38 10.3 1172C 10.0 1172C 10.7 11.0 1172C 10.7 10.6 11.0 10.0 1172F 64.45 58.26 10.6 1172F 10.7 10.6 11.0 10.0 1172C 64.75 61.13 10.8 1172F 10.6 11.0 10.0 1172H 67.6 61.3 10.8 1189D 9.8 1189D 11.1 11.0 10.0 10.0 10.0 10.0 10.0 10.0 10.6 9.8 1189D 9.8 1189D 9.7 1196D 11.6 5.7 9.8 1189D 9.7 1196D	1160E 82.1	74 28	10.5				
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$				44004	40.0		
1168C 68.01 61.01 11.5 1168C 11.4 1168D 70.77 63.56 71.07 12.6 1172A 63.41 57.81 9.7 1172A 10.0 1172B 61.07 55.38 10.3 1172D 10.4 1172C 66.53 60.19 10.5 1172C 10.7 1172D 59.23 53.41 10.9 1172D 10.6 1172D 59.23 53.41 10.9 1172D 10.6 11.0 10.0 1172G 67.76 61.13 10.8 1172F 10.7 10.6 11.0 10.0 1172H 67.86 61.38 10.6 11172F 10.7 10.6 11.0 10.0 1189B 57.91 52.44 10.4 1189D 9.8 1189D 9.8 1189D 10.6 10.1 10.6 9.8 1189D 11.8 11.8 10.6 10.1 10.6 9.8 1189D 10.6 10.5 10.7 10.5 10.7 10.8 11.7 10.6 5.7<							
1168D 70.77 63.56 11.3 1168D 12.0 11.8 12.0 11.4 1172A 63.41 57.81 9.7 1172A 10.0 1172B 61.07 55.38 10.3 1172D 10.0 1172B 66.63 60.19 10.5 1172C 10.7 1172D 56.76 51.12 11.0 11.72D 10.8 1172E 56.76 51.12 11.0 1172C 10.6 11.0 10.0 1172F 64.45 58.26 10.6 1172F 10.7 10.6 11.0 10.0 1172B 67.76 61.13 10.8 1172F 10.7 10.6 11.0 10.0 1189A 57.91 52.44 10.4 1189A 9.9 1189F 10.5 1189F 10.5 1189F 10.5 1189F 10.5 1189F 10.5 11.4 10.6 9.8 1196A 9.7 1196B 9.7 1196B 9.7 1196B 9.7 1196B 9.7 1196B 11.1 1242A 10	1168B 72.04	64.36	11.9	1168B	11.7		
1168D 70.77 63.56 11.3 1168D 12.0 11.8 12.0 11.4 1172A 63.41 57.81 9.7 1172A 10.0 1172B 61.07 55.38 10.3 1172D 10.0 1172B 66.63 60.19 10.5 1172C 10.7 1172D 56.76 51.12 11.0 11.72D 10.8 1172E 56.76 51.12 11.0 1172C 10.6 11.0 10.0 1172F 64.45 58.26 10.6 1172F 10.7 10.6 11.0 10.0 1172B 67.76 61.13 10.8 1172F 10.7 10.6 11.0 10.0 1189A 57.91 52.44 10.4 1189A 9.9 1189F 10.5 1189F 10.5 1189F 10.5 1189F 10.5 1189F 10.5 11.4 10.6 9.8 1196A 9.7 1196B 9.7 1196B 9.7 1196B 9.7 1196B 9.7 1196B 11.1 1242A 10	1168C 68 01	61 01	11.5	1168C	114		
1168E 75.51 67.07 12.6 1172A 63.41 57.81 9.7 1172B 10.0 1172B 61.07 55.38 10.3 1172D 10.4 1172C 66.53 60.19 10.5 1172C 10.7 1172E 56.76 51.12 11.0 1172E 10.7 1172E 67.76 61.13 10.8 1172F 10.7 1172E 67.76 61.13 10.8 1172F 10.7 1189B 61.34 50.66 9.4 1189B 9.8 1189E 61.34 50.66 9.4 1189B 9.8 1189E 64.46 58.72 9.8 1189C 10.0 1189E 58.25 52.87 10.2 1189F 10.5 1196D 71.65 65.28 9.8 1196A 9.7 1196D 77.8 71.01 9.6 1196B 9.7 1196D 84.37 75.91 11.1 11.4 1242C 10.5 10.7 10.3 12422						11 0	120 11 4
1172A 63.41 57.81 9.7 1172A 10.0 1172B 61.07 55.38 10.3 1172C 10.4 1172C 66.53 60.19 10.5 1172C 10.7 1172D 59.23 53.41 10.9 1172C 10.7 1172E 56.76 51.12 11.0 1172E 10.7 1172G 67.76 61.13 10.8 1172G 10.7 10.6 11.0 10.0 1172H 67.86 61.38 10.6 1172G 10.7 10.6 11.0 10.0 1189B 61.34 56.65 9.4 1189E 10.0 1189D 11.6 57.22 51.94 10.2 1189C 10.0 11.1 10.6 9.8 1189E 10.5 1189F 10.5 1189F 10.5 1189F 10.5 11.1 11.0 10.6 9.8 1189E 10.0 10.5 9.7 1196D 7.57 11.1 11.0 10.5 10.7 10.5 11.7 10.5 11.2 10.5 11.1 10.2<				11000	12.0	11.0	12.0 11.4
1172B 61.07 55.38 10.3 1172B 10.4 1172D 52.3 53.41 10.9 1172D 10.7 1172E 56.76 51.12 11.0 1172E 10.7 1172E 56.76 51.12 11.0 1172E 10.6 11.0 1172E 64.45 58.26 10.6 1172F 10.7 10.6 11.0 10.0 1172B 57.36 61.38 10.6 11.10 10.0 11.10 10.0 1189D 57.91 52.44 10.4 1189B 9.8 1189C 10.0 1189D 57.22 51.94 10.2 1189C 10.0 10.6 9.8 1189D 58.25 52.87 10.2 1189F 10.5 10.7 10.6 9.8 1196B 77.59 11.1 10.7 10.6 9.7 1196B 9.7 1196B 9.7 1196D 84.37 75.91 11.1 10.5 10.7 10.5 9.7 1196D 84.37 75.91 11.1 </td <td>1168E 75.51</td> <td>67.07</td> <td>12.6</td> <td></td> <td></td> <td></td> <td></td>	1168E 75.51	67.07	12.6				
1172B 61.07 55.38 10.3 1172B 10.4 1172D 52.3 53.41 10.9 1172D 10.7 1172E 56.76 51.12 11.0 1172E 10.7 1172E 56.76 51.12 11.0 1172E 10.6 11.0 1172E 64.45 58.26 10.6 1172F 10.7 10.6 11.0 10.0 1172B 57.36 61.38 10.6 11.10 10.0 11.10 10.0 1189D 57.91 52.44 10.4 1189B 9.8 1189C 10.0 1189D 57.22 51.94 10.2 1189C 10.0 10.6 9.8 1189D 58.25 52.87 10.2 1189F 10.5 10.7 10.6 9.8 1196B 77.59 11.1 10.7 10.6 9.7 1196B 9.7 1196B 9.7 1196D 84.37 75.91 11.1 10.5 10.7 10.5 9.7 1196D 84.37 75.91 11.1 </td <td>1172A 63.41</td> <td>57.81</td> <td>9.7</td> <td>1172A</td> <td>10.0</td> <td></td> <td></td>	1172A 63.41	57.81	9.7	1172A	10.0		
1172C 66.53 60.19 10.5 1172C 10.7 1172E 58.23 53.41 10.9 1172E 10.8 1172E 64.45 58.26 10.6 1172F 10.7 10.6 11.0 10.0 1172E 67.76 61.13 10.8 1172C 10.7 10.6 11.0 10.0 1172H 67.86 61.38 10.6 1189A 57.91 52.44 10.2 1189B 9.8 1189D 61.34 56.05 9.4 1189B 9.8 1189C 10.0 1189D 61.34 56.05 9.8 1189D 10.0 10.1 10.6 9.8 1189D 57.52 51.94 10.7 1189G 10.6 10.1 10.6 9.8 1189H 58.8 53.21 10.5 10.0 10.5 9.7 1196D 87.6 71.91 9.9 1196C 10.5 10.0 10.5 9.7 1196D 83.91 10.4 1242B 10.5 10.7 10.3 1242B							
1172D 59.23 53.41 10.9 1172D 11.0 1172E 56.76 51.12 11.0 1172E 10.7 1172F 64.45 58.26 10.6 1172F 10.7 10.6 11.0 10.0 1172F 67.76 61.13 10.8 1172G 10.7 10.6 11.0 10.0 1172H 67.86 61.38 10.6 1172G 10.7 10.6 11.0 10.0 1189B 61.46 58.72 9.8 1189F 10.0 1189F 10.5 1189G 57.52 51.94 10.7 1189F 10.5 1189F 10.5 1196B 77.87 71.01 9.6 1196B 9.7 1196D 77.87 9.9 1196C 10.5 9.7 1196D 87.37 75.91 11.1 1.2422B 10.3 1242A 10.3 1242A 10.3 1242A 10.3 1242A 10.3 1242A 10.3 1242A <t< td=""><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td></t<>					-		
1172E 56.76 51.12 11.0 1172E 10.8 1172F 64.45 58.26 10.6 1172E 10.7 10.6 11.0 10.0 1172G 67.86 61.13 10.8 1172F 10.6 11.0 10.0 1189A 57.91 52.44 10.4 1189B 9.8 1189D 61.34 56.05 9.4 1189E 9.8 1189D 61.16 55.72 9.8 1189E 10.0 1189E 64.46 58.72 9.8 1189E 10.0 1189E 65.82 52.87 10.2 1189E 10.6 10.1 10.6 9.8 1189G 75.2 51.94 10.7 1189G 9.7 1196D 84.37 75.91 11.1 1196D 84.37 75.91 11.1 10.6 1242E 10.3 1242E 10.5 10.7 10.3 1242C 63.04 58.13 9.9 1242E 10.4 1242E 10.4 1242E 10.4 1242E 10.4 124	1172C 66.53	60.19	10.5	1172C	10.7		
1172F 64.45 58.26 10.6 1172F 10.7 1172G 67.76 61.13 10.8 1172G 10.6 11.0 10.0 1172H 67.86 61.38 10.6 1189A 9.9 1189B 61.34 56.05 9.4 1189B 9.8 1189D 61.16 55.72 9.8 1189D 9.8 1189F 10.0 1189D 64.46 58.72 9.8 1189F 10.0 10.1 10.6 9.8 1189E 64.46 58.72 9.8 1189F 10.0 10.1 10.6 9.8 1189F 58.25 52.87 10.2 1189F 10.5 10.1 10.6 9.8 1196D 76.8 77.59 9.9 1196C 10.0 10.5 9.7 1196D 84.37 75.91 11.1 11.4 11.422D 10.3 1242A 10.3 1242B 10.4 1242B 10.5 10.7 10.3 1242B 10.5 10.7 10.3 1242B 10.2 10.4 1242D <td>1172D 59.23</td> <td>53.41</td> <td>10.9</td> <td>1172D</td> <td>11.0</td> <td></td> <td></td>	1172D 59.23	53.41	10.9	1172D	11.0		
1172F 64.45 58.26 10.6 1172F 10.7 1172G 67.76 61.13 10.8 1172G 10.6 11.0 10.0 1172H 67.86 61.38 10.6 1189A 9.9 1189B 61.34 56.05 9.4 1189B 9.8 1189D 61.16 55.72 9.8 1189D 9.8 1189F 10.0 1189D 64.46 58.72 9.8 1189F 10.0 10.1 10.6 9.8 1189E 64.46 58.72 9.8 1189F 10.0 10.1 10.6 9.8 1189F 58.25 52.87 10.2 1189F 10.5 10.1 10.6 9.8 1196D 76.8 77.59 9.9 1196C 10.0 10.5 9.7 1196D 84.37 75.91 11.1 11.4 11.422D 10.3 1242A 10.3 1242B 10.4 1242B 10.5 10.7 10.3 1242B 10.5 10.7 10.3 1242B 10.2 10.4 1242D <td>1172E 56 76</td> <td>51 12</td> <td>11.0</td> <td>1172F</td> <td>10.8</td> <td></td> <td></td>	1172E 56 76	51 12	11.0	1172F	10.8		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$							
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$					-		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1172G 67.76	61.13	10.8	1172G	10.7	10.6	11.0 10.0
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1172H 67.86	61.38	10.6				
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$				44004	0.0		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$			-				
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1189B 61.34	56.05	9.4	1189B	9.8		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1189C 57.22	51.94	10.2	1189C	10.0		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$							
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$							
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1189E 64.46		9.8	1189E	10.0		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1189F 58.25	52.87	10.2	1189F	10.5		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$						10.1	106 98
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$				11030	10.0	10.1	10.0 3.0
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$							
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1196A 71.65	65.28	9.8	1196A	9.7		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1106B 77.8	71.01	9.6	1106B			
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$						40.0	405 07
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$			9.9	1196C	10.5	10.0	10.5 9.7
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1196D 84.37	75.91	11.1				
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	12424 63.91	58 13	99	12 <u>4</u> 2Δ	10.3		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$							
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$							
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1242C 61.41	55.64	10.4	1242C	10.4		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1242D 63.14	57.17	10.4	1242D	10.6		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$							
$\begin{array}{c c c c c c c c c c c c c c c c c c c $							<u></u>
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1242F 43.88	39.62	10.8	1242F	10.5	10.5	10.7 10.3
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1242G 63.02	57.12	10.3				
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$				10/04	10.2		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$							
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1248B 65.61	59.51	10.3	1248B	10.2		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1248C 67.5	61.25	10.2	1248C	10.1		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		60 74	99	1248D	10.1		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$							
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$							
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1248F 70.2	63.48	10.6	1248F	10.6		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1248G 70.01	63 26	10.7	1248G	10.6	10.3	10.6 10.1
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	12100 10.01			12 100		10.0	10.0 10.1
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	10/00 71 07						
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$							
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$				1312A			
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1312A 69.99	63.33	10.5		10.5		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1312A 69.99 1312B 63.41	63.33 57.38	10.5 10.5	1312B	10.5 10.3		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1312A69.991312B63.411312C68.99	63.33 57.38 62.65	10.5 10.5 10.1	1312B 1312C	10.5 10.3 10.3		· · ·
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1312A69.991312B63.411312C68.991312D71.74	63.33 57.38 62.65 64.95	10.5 10.5 10.1 10.5	1312B 1312C 1312D	10.5 10.3 10.3 10.4		
1312G 63.98 58.03 10.3 1312G 10.4 10.4 10.5 10.3 1312H 65.72 59.5 10.5	1312A69.991312B63.411312C68.991312D71.74	63.33 57.38 62.65 64.95	10.5 10.5 10.1 10.5	1312B 1312C 1312D	10.5 10.3 10.3 10.4		
1312H 65.72 59.5 10.5 1333A 49.46 45.38 9.0 1333A 9.8 1333B 76.54 69.21 10.6 1333B 11.3 1333C 86.98 77.68 12.0 1333C 12.3 1333D 91.1 80.9 12.6 1333D 12.3 1333E 86.06 76.27 12.8 1333E 12.3 1333F 82.55 73.85 11.8 1333F 12.0 1333G 83.13 74.09 12.2 1333G 11.8 12.7 1333H 80.79 72.36 11.7 11.8 12.7 9.8 1331H 68.85 62.26 10.6 1341B 10.4 1341A 69.55 63.31 9.9 1341A 10.2 1341B 68.85 62.26 10.6 1341D 11.4 1341C 71.7 65.08 10.2 1341C 10.4 1341E	1312A69.991312B63.411312C68.991312D71.741312E74.21	63.33 57.38 62.65 64.95 67.24	10.5 10.5 10.1 10.5 10.4	1312B 1312C 1312D 1312E	10.5 10.3 10.3 10.4 10.5		<u> </u>
1333A 49.46 45.38 9.0 1333A 9.8 1333B 76.54 69.21 10.6 1333B 11.3 1333C 86.98 77.68 12.0 1333C 12.3 1333D 91.1 80.9 12.6 1333D 12.7 1333E 86.06 76.27 12.8 1333E 12.0 1333F 82.55 73.85 11.8 1333F 12.0 1333G 83.13 74.09 12.2 1333G 11.9 11.8 12.7 1333H 80.79 72.36 11.7 13341B 68.85 62.26 10.6 1341B 10.4 1341A 69.55 63.31 9.9 1341A 10.2 1341B 10.4 1341D 78.11 70.64 10.6 1341D 11.4 1341C 1341F 75.86 68.01 11.5 1341E 11.8 1341F 12.1 1341F 62.31 55.58 12.1<	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312F 65.48	63.33 57.38 62.65 64.95 67.24 59.16	10.5 10.5 10.1 10.5 10.4 10.7	1312B 1312C 1312D 1312E 1312F	10.5 10.3 10.3 10.4 10.5 10.5	10.4	
1333B 76.54 69.21 10.6 1333B 11.3 1333C 86.98 77.68 12.0 1333C 12.3 1333D 91.1 80.9 12.6 1333D 12.7 1333E 86.06 76.27 12.8 1333E 12.0 1333F 82.55 73.85 11.8 1333F 12.0 1333G 83.13 74.09 12.2 1333G 11.9 11.8 12.7 1333F 82.55 73.85 11.8 1333F 12.0 1333G 12.0 1333G 83.13 74.09 12.2 1333G 11.9 11.8 12.7 9.8 133H 60.55 63.31 9.9 1341A 10.2 1341B 10.4 1341C 71.7 65.08 10.2 1341C 10.4 1341D 78.11 70.64 10.6 1341D 11.8 1341F 75.86 68.01 11.5 1341E 11.8	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312F 65.48	63.33 57.38 62.65 64.95 67.24 59.16	10.5 10.5 10.1 10.5 10.4 10.7	1312B 1312C 1312D 1312E 1312F	10.5 10.3 10.3 10.4 10.5 10.5	10.4	10.5 10.3
1333B 76.54 69.21 10.6 1333B 11.3 1333C 86.98 77.68 12.0 1333C 12.3 1333D 91.1 80.9 12.6 1333D 12.7 1333E 86.06 76.27 12.8 1333E 12.0 1333F 82.55 73.85 11.8 1333F 12.0 1333G 83.13 74.09 12.2 1333G 11.9 11.8 12.7 1333F 82.55 73.85 11.8 1333F 12.0 1333G 12.0 1333G 83.13 74.09 12.2 1333G 11.9 11.8 12.7 9.8 133H 60.55 63.31 9.9 1341A 10.2 1341B 10.4 1341C 71.7 65.08 10.2 1341C 10.4 1341D 78.11 70.64 10.6 1341D 11.8 1341F 75.86 68.01 11.5 1341E 11.8	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312F 65.48 1312G 63.99	63.33 57.38 62.65 64.95 67.24 59.16 58.03	10.5 10.5 10.1 10.5 10.4 10.7 10.3	1312B 1312C 1312D 1312E 1312F	10.5 10.3 10.3 10.4 10.5 10.5	10.4	10.5 10.3
1333C 86.98 77.68 12.0 1333C 12.3 1333D 91.1 80.9 12.6 1333D 12.7 1333E 86.06 76.27 12.8 1333E 12.3 1333F 82.56 73.85 11.8 1333F 12.0 1333G 83.13 74.09 12.2 1333G 11.9 11.8 12.7 1333F 82.56 73.85 11.8 1333F 12.0 1333G 12.0 1333F 82.56 73.85 11.8 1333F 12.0 1333G 12.0 1333F 82.56 63.31 9.9 1341A 10.2 9.8 13341 69.55 63.31 9.9 1341A 10.4 14.4 1341C 71.7 65.08 10.2 1341C 10.4 1341D 78.11 70.64 10.6 1341D 11.8 1341F 62.31 55.58 12.1 1341F 12.1	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312F 65.48 1312G 63.98 1312H 65.72	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5	10.5 10.5 10.1 10.5 10.4 10.7 10.3 10.5	1312B 1312C 1312D 1312E 1312F 1312G	10.5 10.3 10.4 10.5 10.5 10.4	10.4	10.5 10.3
1333D 91.1 80.9 12.6 1333D 12.7 1333E 86.06 76.27 12.8 1333E 12.3 1333F 82.55 73.85 11.8 1333F 12.0 1333G 83.13 74.09 12.2 1333G 11.9 11.8 12.7 9.8 1333H 80.79 72.36 11.7 1341A 10.2 1341A 10.2 1341A 68.55 63.31 9.9 1341A 10.4 1341C 71.7 65.08 10.2 1341C 10.4 1341D 78.11 70.64 10.6 1341D 11.8 12.7 9.8 1341E 75.86 68.01 11.5 1341E 11.8 12.7 9.8 1341F 62.31 55.58 12.1 1341F 11.8 12.7 9.8 1341G 82.74 73.79 12.1 1341G 11.4 11.1 12.1 10.2	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312E 65.48 1312G 63.98 1312H 65.72 1333A 49.46	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38	10.5 10.5 10.1 10.5 10.4 10.7 10.3 10.5 9.0	1312B 1312C 1312D 1312E 1312F 1312G 1333A	10.5 10.3 10.3 10.4 10.5 10.5 10.4 9.8	10.4	10.5 10.3
1333D 91.1 80.9 12.6 1333D 12.7 1333E 86.06 76.27 12.8 1333E 12.3 1333F 82.55 73.85 11.8 1333F 12.0 1333G 83.13 74.09 12.2 1333G 11.9 11.8 12.7 9.8 1333H 80.79 72.36 11.7 1341A 10.2 1341A 10.2 1341A 68.55 63.31 9.9 1341A 10.4 1341C 71.7 65.08 10.2 1341C 10.4 1341D 78.11 70.64 10.6 1341D 11.8 12.7 9.8 1341E 75.86 68.01 11.5 1341E 11.8 12.7 9.8 1341F 62.31 55.58 12.1 1341F 11.8 12.7 9.8 1341G 82.74 73.79 12.1 1341G 11.4 11.1 12.1 10.2	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312E 65.48 1312G 63.98 1312H 65.72 1333A 49.46 1333B 76.54	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38 69.21	10.5 10.5 10.1 10.5 10.4 10.7 10.3 10.5 9.0 10.6	1312B 1312C 1312D 1312E 1312F 1312G 1333A 1333B	10.5 10.3 10.3 10.4 10.5 10.5 10.4 9.8 11.3	10.4	10.5 10.3
1333E 86.06 76.27 12.8 1333E 12.3 1333F 82.55 73.85 11.8 1333F 12.0 1333G 83.13 74.09 12.2 1333G 11.9 11.8 12.7 9.8 1333H 80.79 72.36 11.7 1341A 10.2 1341A 10.2 1341A 69.55 63.31 9.9 1341A 10.4 1341C 71.7 65.08 10.2 1341C 10.4 1341D 78.11 70.64 10.6 1341D 11.1 1341E 75.86 68.01 11.5 1341E 11.8 1341F 75.86 68.01 11.5 1341E 11.1 12.1 10.2 1341F 62.31 55.58 12.1 1341F 12.1 12.1 10.2	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312E 65.48 1312G 63.98 1312H 65.72 1333A 49.46 1333B 76.54	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38 69.21	10.5 10.5 10.1 10.5 10.4 10.7 10.3 10.5 9.0 10.6	1312B 1312C 1312D 1312E 1312F 1312G 1333A 1333B	10.5 10.3 10.3 10.4 10.5 10.5 10.4 9.8 11.3	10.4	10.5 10.3
1333F 82.55 73.85 11.8 1333F 12.0 1333G 83.13 74.09 12.2 1333G 11.9 11.8 12.7 9.8 1333H 80.79 72.36 11.7	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312E 65.48 1312G 63.98 1312H 65.72 1333A 49.46 1333B 76.54	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38 69.21 77.68	10.5 10.5 10.1 10.5 10.4 10.7 10.3 10.5 9.0 10.6 12.0	1312B 1312C 1312D 1312E 1312F 1312G 1333A 1333B 1333C	10.5 10.3 10.3 10.4 10.5 10.5 10.5 10.4 9.8 11.3 12.3	10.4	10.5 10.3
1333G 83.13 74.09 12.2 1333G 11.9 11.8 12.7 9.8 1333H 80.79 72.36 11.7	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312F 65.48 1312G 63.98 1312H 65.72 1333A 49.46 1333B 76.54 1333C 86.98 1333D 91.1	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38 69.21 77.68 80.9	10.5 10.5 10.1 10.5 10.4 10.7 10.3 10.5 9.0 10.6 12.0 12.6	1312B 1312C 1312D 1312E 1312F 1312G 1333A 1333B 1333C 1333D	10.5 10.3 10.3 10.4 10.5 10.5 10.4 9.8 11.3 12.3 12.7	10.4	10.5 10.3
1333H 80.79 72.36 11.7 1341A 69.55 63.31 9.9 1341A 10.2 1341B 68.85 62.26 10.6 1341B 10.4 1341C 71.7 65.08 10.2 1341C 10.4 1341D 78.11 70.64 10.6 1341D 11.1 1341E 75.86 68.01 11.5 1341E 11.8 1341F 62.31 55.58 12.1 1341F 12.1 1341G 82.74 73.79 12.1 1341G 11.4 11.1 12.1 10.2	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312F 65.48 1312G 63.98 1312H 65.72 1333A 49.46 1333B 76.54 1333D 91.1 1333E 86.06	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38 69.21 77.68 80.9 76.27	10.5 10.5 10.1 10.5 10.4 10.7 10.3 10.5 9.0 10.6 12.0 12.8	1312B 1312C 1312D 1312E 1312F 1312G 1333A 1333B 1333C 1333D 1333E	10.5 10.3 10.3 10.4 10.5 10.5 10.4 9.8 11.3 12.3 12.7 12.3	10.4	10.5 10.3
1333H 80.79 72.36 11.7 1341A 69.55 63.31 9.9 1341A 10.2 1341B 68.85 62.26 10.6 1341B 10.4 1341C 71.7 65.08 10.2 1341C 10.4 1341D 78.11 70.64 10.6 1341D 11.1 1341E 75.86 68.01 11.5 1341E 11.8 1341F 62.31 55.58 12.1 1341F 12.1 1341G 82.74 73.79 12.1 1341G 11.4 11.1 12.1 10.2	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312G 63.98 1312G 63.98 1312G 63.98 1312H 65.72 1333A 49.46 1333B 76.54 1333C 86.98 1333E 86.06 1333F 82.55	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38 69.21 77.68 80.9 76.27 73.85	10.5 10.5 10.1 10.5 10.4 10.7 10.3 10.5 9.0 10.6 12.0 12.8	1312B 1312C 1312D 1312E 1312F 1312G 1333A 1333B 1333C 1333D 1333E	10.5 10.3 10.3 10.4 10.5 10.5 10.4 9.8 11.3 12.3 12.7 12.3	10.4	<u> </u>
1341A 69.55 63.31 9.9 1341A 10.2 1341B 68.85 62.26 10.6 1341B 10.4 1341C 71.7 65.08 10.2 1341C 10.4 1341D 78.11 70.64 10.6 1341D 11.1 1341E 75.86 68.01 11.5 1341E 11.8 1341F 62.31 55.58 12.1 1341F 12.1 1341G 82.74 73.79 12.1 1341G 11.4 11.1 12.1 10.2	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312G 63.98 1312G 63.98 1312G 63.98 1312H 65.72 1333A 49.46 1333B 76.54 1333C 86.98 1333E 86.06 1333F 82.55	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38 69.21 77.68 80.9 76.27 73.85	10.5 10.5 10.1 10.5 10.4 10.7 10.3 10.5 9.0 10.6 12.0 12.6 12.8 11.8	1312B 1312C 1312D 1312E 1312F 1312G 1333A 1333A 1333B 1333C 1333D 1333E 1333F	10.5 10.3 10.4 10.5 10.5 10.4 9.8 11.3 12.3 12.7 12.3 12.0		<u> </u>
1341B 68.85 62.26 10.6 1341B 10.4 1341C 71.7 65.08 10.2 1341C 10.4 1341D 78.11 70.64 10.6 1341D 11.1 1341E 75.86 68.01 11.5 1341E 11.8 1341F 62.31 55.58 12.1 1341F 12.1 1341G 82.74 73.79 12.1 1341G 11.4 11.1 12.1 10.2	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 65.48 1312G 63.98 1312G 63.98 1312H 65.72 1333A 49.46 1333B 76.54 1333C 86.98 1333D 91.1 1333E 86.06 1333F 82.55 1333G 83.13	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38 69.21 77.68 80.9 76.27 73.85 74.09	10.5 10.5 10.1 10.5 10.4 10.7 10.3 10.5 9.0 12.0 12.6 12.8 11.8 12.2	1312B 1312C 1312D 1312E 1312F 1312G 1333A 1333A 1333B 1333C 1333D 1333E 1333F	10.5 10.3 10.4 10.5 10.5 10.4 9.8 11.3 12.3 12.7 12.3 12.0		<u> </u>
1341C 71.7 65.08 10.2 1341C 10.4 1341D 78.11 70.64 10.6 1341D 11.1 1341E 75.86 68.01 11.5 1341E 11.8 1341F 62.31 55.58 12.1 1341F 12.1 1341G 82.74 73.79 12.1 1341G 11.4 11.1 12.1 10.2	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 65.48 1312F 65.48 1312G 63.98 1312H 65.72 1333A 49.46 1333B 76.54 1333C 86.98 1333D 91.1 1333E 86.06 1333G 83.13 1333H 80.79	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38 69.21 77.68 80.9 76.27 73.85 74.09 72.36	10.5 10.5 10.1 10.5 10.4 10.3 10.5 9.0 10.6 12.0 12.6 12.8 11.8 12.2 11.7	1312B 1312C 1312D 1312F 1312F 1312G 1333A 1333A 1333B 1333C 1333D 1333E 1333F 1333G	10.5 10.3 10.4 10.5 10.5 10.4 11.3 12.3 12.7 12.3 12.0 11.9		<u> </u>
1341C 71.7 65.08 10.2 1341C 10.4 1341D 78.11 70.64 10.6 1341D 11.1 1341E 75.86 68.01 11.5 1341E 11.8 1341F 62.31 55.58 12.1 1341F 12.1 1341G 82.74 73.79 12.1 1341G 11.4 11.1 12.1 10.2	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312F 65.48 1312G 63.98 1312H 65.72 1333A 49.46 1333B 76.54 1333C 86.98 1333D 91.1 1333E 86.06 1333F 82.55 1333G 83.13 1333H 80.79 1341A 69.55	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38 69.21 77.68 80.9 76.27 73.85 74.09 72.36 63.31	10.5 10.5 10.1 10.5 10.1 10.5 10.1 10.5 10.1 10.5 10.1 10.5 9.0 10.6 12.0 12.6 12.8 11.8 12.2 11.7 9.9	1312B 1312C 1312D 1312E 1312F 1312G 1333A 1333B 1333C 1333B 1333C 1333F 1333G 1333G	10.5 10.3 10.4 10.5 10.5 10.4 9.8 11.3 12.3 12.7 12.3 12.0 11.9		<u> </u>
1341D 78.11 70.64 10.6 1341D 11.1 1341E 75.86 68.01 11.5 1341E 11.8 1341F 62.31 55.58 12.1 1341F 12.1 1341G 82.74 73.79 12.1 1341G 11.4 11.1 12.1 10.2	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312F 65.48 1312G 63.98 1312H 65.72 1333A 49.46 1333B 76.54 1333C 86.98 1333D 91.1 1333E 86.06 1333F 82.55 1333G 83.13 1333H 80.79 1341A 69.55	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38 69.21 77.68 80.9 76.27 73.85 74.09 72.36 63.31	10.5 10.5 10.1 10.5 10.1 10.5 10.1 10.5 10.1 10.5 10.1 10.5 9.0 10.6 12.0 12.6 12.8 11.8 12.2 11.7 9.9	1312B 1312C 1312D 1312E 1312F 1312G 1333A 1333B 1333C 1333B 1333C 1333F 1333G 1333G	10.5 10.3 10.4 10.5 10.5 10.4 9.8 11.3 12.3 12.7 12.3 12.0 11.9		<u> </u>
1341E 75.86 68.01 11.5 1341E 11.8 1341F 62.31 55.58 12.1 1341F 12.1 1341G 82.74 73.79 12.1 1341G 11.4 11.1 12.1 10.2	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312F 65.48 1312G 63.98 1312H 65.72 1333B 76.54 1333C 86.98 1333D 91.1 1333E 86.06 1333G 83.13 1333H 80.79 1341A 69.55 1341B 68.85	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38 69.21 77.68 80.9 76.27 73.85 74.09 72.36 63.31 62.26	10.5 10.5 10.1 10.5 10.4 10.7 10.3 10.5 9.0 10.6 12.0 12.6 12.8 11.8 12.2 11.7 9.9 10.6	1312B 1312C 1312D 1312E 1312F 1312G 1333A 1333A 1333D 1333F 1333G 1333G 1341A	10.5 10.3 10.4 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.7 12.3 12.7 12.3 12.0 11.9 10.2 10.4		<u> </u>
1341F 62.31 55.58 12.1 1341F 12.1 1341G 82.74 73.79 12.1 1341G 11.4 11.1 12.1 10.2	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312G 63.98 1312G 63.98 1312G 63.98 1312G 63.98 1312H 65.72 1333D 76.54 1333D 91.1 1333E 86.06 1333G 83.13 1333G 83.13 1333H 80.79 1341A 69.55 1341B 68.85 1341C 71.7	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38 69.21 77.68 80.9 76.27 73.85 74.09 72.36 63.31 62.26 65.08	10.5 10.5 10.1 10.5 10.1 10.5 10.7 10.3 10.5 9.0 10.6 12.0 12.6 12.8 11.8 12.2 11.7 9.9 10.6 10.2	1312B 1312C 1312D 1312E 1312F 1312G 1333A 1333B 1333C 1333D 1333G 1333F 1333G 1341A 1341B 1341C	10.5 10.3 10.4 10.5 10.4 10.5 10.4 9.8 11.3 12.3 12.7 12.3 12.0 11.9 10.2 10.4		<u> </u>
1341F 62.31 55.58 12.1 1341F 12.1 1341G 82.74 73.79 12.1 1341G 11.4 11.1 12.1 10.2	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312G 65.48 1312G 65.48 1312G 63.98 1312H 65.72 1333A 49.46 1333C 86.98 1333E 86.06 1333F 82.55 1333G 83.13 1333H 80.79 1341A 69.55 1341B 68.85 1341C 71.7 1341D 78.11	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38 69.21 77.68 80.9 76.27 73.85 74.09 72.36 63.31 62.26 65.08 70.64	10.5 10.5 10.1 10.5 10.1 10.5 10.7 10.3 10.6 12.0 12.8 11.8 12.2 11.7 9.9 10.6 12.8 11.8 12.2 11.7 9.9 10.6	1312B 1312C 1312D 1312F 1312F 1312F 1312G 1333A 1333B 1333C 1333F 1333G 1333G 1341A 1341B 1341C 1341D	10.5 10.3 10.4 10.5 10.5 10.4 9.8 11.3 12.3 12.3 12.0 11.9 10.2 10.4		<u> </u>
1341G 82.74 73.79 12.1 1341G 11.4 11.1 12.1 10.2	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312G 65.48 1312G 65.48 1312G 63.98 1312H 65.72 1333A 49.46 1333C 86.98 1333E 86.06 1333F 82.55 1333G 83.13 1333H 80.79 1341A 69.55 1341B 68.85 1341C 71.7 1341D 78.11	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38 69.21 77.68 80.9 76.27 73.85 74.09 72.36 63.31 62.26 65.08 70.64	10.5 10.5 10.1 10.5 10.1 10.5 10.7 10.3 10.6 12.0 12.8 11.8 12.2 11.7 9.9 10.6 12.8 11.8 12.2 11.7 9.9 10.6	1312B 1312C 1312D 1312F 1312F 1312F 1312G 1333A 1333B 1333C 1333F 1333G 1333G 1341A 1341B 1341C 1341D	10.5 10.3 10.4 10.5 10.5 10.4 9.8 11.3 12.3 12.3 12.0 11.9 10.2 10.4		<u> </u>
	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312G 65.48 1312G 65.48 1312G 63.98 1312H 65.72 1333A 49.46 1333C 86.98 1333D 91.1 1333E 86.06 1333F 82.55 1333G 83.13 1333H 80.79 1341B 68.85 1341C 71.7 1341D 78.11 1341E 75.86	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38 69.21 77.68 80.9 76.27 73.85 74.09 76.27 73.85 74.09 72.36 63.31 62.26 65.08 70.64 68.01	10.5 10.5 10.1 10.5 10.1 10.5 10.7 10.3 10.5 9.0 10.6 12.0 12.8 11.8 12.2 11.7 9.9 10.6 12.8 11.7 9.9 10.6 10.2 11.7	1312B 1312C 1312D 1312F 1312F 1312F 1312G 1333A 1333B 1333C 1333E 1333F 1333G 1341B 1341C 1341E	10.5 10.3 10.4 10.5 10.5 10.5 10.4 9.8 11.3 12.3 12.7 12.3 12.7 12.3 12.7 12.3 12.0 11.9 10.2 10.4 10.4 10.4 10.4 10.1.1		<u> </u>
	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312F 65.48 1312G 63.98 1312H 65.72 1333A 49.46 1333C 86.98 1333C 86.98 1333E 86.06 1333F 82.55 1333H 80.79 1341A 69.55 1341C 71.7 1341E 75.86 1341F 75.86 1341F 62.31	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38 69.21 77.68 80.9 76.27 73.85 74.09 72.36 63.31 62.26 65.08 70.64 68.01 55.58	$\begin{array}{c} 10.5 \\ 10.5 \\ 10.1 \\ 10.5 \\ 10.4 \\ 10.7 \\ 10.3 \\ 10.5 \\ 9.0 \\ 10.6 \\ 12.0 \\ 12.6 \\ 12.8 \\ 11.8 \\ 12.2 \\ 11.7 \\ 9.9 \\ 10.6 \\ 10.2 \\ 10.6 \\ 11.5 \\ 12.1 \end{array}$	1312B 1312C 1312D 1312F 1312F 1312G 1333A 1333B 1333D 1333F 1333G 1333G 1333F 13341A 13412 13412 13414 13415 13414 13415	10.5 10.3 10.3 10.4 10.5 10.5 10.5 10.4 9.8 11.3 12.3 12.3 12.3 12.7 12.3 12.7 12.3 12.0 11.9 10.2 10.4 10.4 10.4 10.4 10.1 11.1 11.1 12.1	11.8	12.7 9.8
104.10 10.1	1312A 69.99 1312B 63.41 1312C 68.99 1312D 71.74 1312E 74.21 1312F 65.48 1312G 63.98 1312H 65.72 1333B 76.54 1333C 86.98 1333D 91.1 1333E 86.06 1333G 83.13 1333G 83.13 1333H 80.79 1341A 69.55 1341B 68.85 1341C 71.7 1341D 78.11 1341E 75.86 1341G 82.74	63.33 57.38 62.65 64.95 67.24 59.16 58.03 59.5 45.38 69.21 77.68 80.9 76.27 73.85 74.09 76.27 73.85 74.09 72.36 63.31 62.26 63.31 62.26 63.31 62.26 63.31 62.26 73.79	$\begin{array}{c} 10.5\\ 10.5\\ 10.1\\ 10.5\\ 10.4\\ 10.7\\ 10.3\\ 10.5\\ 9.0\\ 10.6\\ 12.0\\ 12.6\\ 12.8\\ 11.8\\ 12.2\\ 11.7\\ 9.9\\ 10.6\\ 10.2\\ 10.6\\ 10.2\\ 10.6\\ 11.5\\ 12.1\\ 12.1\\ \end{array}$	1312B 1312C 1312D 1312F 1312F 1312G 1333A 1333B 1333D 1333F 1333G 1333G 1333F 13341A 13412 13412 13414 13415 13414 13415	10.5 10.3 10.3 10.4 10.5 10.5 10.5 10.4 9.8 11.3 12.3 12.3 12.3 12.7 12.3 12.7 12.3 12.0 11.9 10.2 10.4 10.4 10.4 10.4 10.1 11.1 11.1 12.1	11.8	12.7 9.8

1347A								
	66.27	60.28	9.9	1347A	10.4			
1347B	67.53	60.87	10.9	1347B	11.1			
1347C	74.16	66.64	11.3	1347C	11.1			
1347D	79.79	71.98	10.9	1347D	11.3			
1347E	78.51	70.29	11.7	1347E	11.8			
1347F	64.45	57.64	11.8	1347F	11.7	11.2	11.8	10.4
1347G	83.25	74.58	11.6					
1348A	64.89	59.25	9.5	1348A	9.7			
1348B	62.13	56.58	9.8	1348B	10.0			
1348C	66.84	60.69	10.1	1348C	10.3			
1348D	75.69	68.47	10.5	1348D	10.7			
1348E	72.45	65.31	10.9	1348E	10.9			
1348F	58.71	52.95	10.9	1348F	10.9	10.4	10.9	9.7
1348G	79.87	72.01	10.9					
143A	76.99	70.65	9.0	143A	9.1			
143B	75.03	68.71	9.2	143B	9.4			
143C	72.19	65.81	9.7	143C	9.7			
143D	71.23	64.89	9.8	143D	10.0			
143E	78.73	71.41	10.3	143E	10.1			
143F	70.63	64.29	9.9	143F	9.8			
143G	70.37	64.16	9.7	143G	9.8	9.7	10.1	9.1
143H	62.3	56.7	9.9					
205A	67.1	61.08	9.9	205A	9.9			
205A		65.38			10.1			
	71.87		9.9	205B	-			
205C	70.12	63.53	10.4	205C	10.6			
205D	66.97	60.45	10.8	205D	10.8			
205E	70.73	63.81	10.8	205E	10.8			
205F	63.02	56.87	10.8	205F	10.2	10.4	10.8	9.9
205G	64.96	59.24	9.7					
209A			-	2004	10.2			
	63.81	57.97	10.1	209A	10.3			
209B	60.59	54.84	10.5	209B	10.5			
209C	67.76	61.31	10.5	209C	10.7			
209D	67.91	61.27	10.8	209D	10.6			
209E	60.94	55.2	10.4	209E	10.5			
209F	69.66	63.02	10.5	209F	10.6	10.5	10.7	10.3
209G	64.43	58.23	10.6	2001	10.0	10.5	10.7	10.5
				0404	44.5			
218A	59.02	52.74	11.9	218A	11.5			
218B	59.61	53.62	11.2	218B	11.1	11.3	11.5	11.1
218C	61.6	55.44	11.1					
248A	53.1	48.51	9.5	248A	9.3			
248B	60.63	55.51	9.2	248B	9.2			
		00.01	-	240D	9.6			
-	E0 22	E1 22			9.0			
248C	59.23	54.23	9.2					
248C 248D	51.01	46.39	10.0	248D	9.7			
248C								
248C 248D	51.01	46.39	10.0	248D	9.7 9.6	9.6	10.0	9.2
248C 248D 248E	51.01 53.44 55.34	46.39 48.82 50.39	10.0 9.5	248D 248E	9.7	9.6	10.0	9.2
248C 248D 248E 248F 248G	51.01 53.44 55.34 56.82	46.39 48.82 50.39 51.58	10.0 9.5 9.8 10.2	248D 248E 248F	9.7 9.6 10.0	9.6	10.0	9.2
248C 248D 248E 248F 248G 250A	51.01 53.44 55.34 56.82 67.38	46.39 48.82 50.39 51.58 61.51	10.0 9.5 9.8 10.2 9.5	248D 248E 248F 250A	9.7 9.6 10.0 9.7	9.6	10.0	9.2
248C 248D 248E 248F 248G 250A 250B	51.01 53.44 55.34 56.82 67.38 75.85	46.39 48.82 50.39 51.58 61.51 69.07	10.0 9.5 9.8 10.2 9.5 9.8	248D 248E 248F 250A 250B	9.7 9.6 10.0 9.7 9.8	9.6	10.0	9.2
248C 248D 248E 248F 248G 250A 250B 250C	51.01 53.44 55.34 56.82 67.38 75.85 76.21	46.39 48.82 50.39 51.58 61.51 69.07 69.44	10.0 9.5 9.8 10.2 9.5 9.8 9.7	248D 248E 248F 250A 250B 250C	9.7 9.6 10.0 9.7 9.8 10.0			
248C 248D 248E 248F 248G 250A 250B 250C 250D	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23	46.39 48.82 50.39 51.58 61.51 69.07 69.44 65.46	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3	248D 248E 248F 250A 250B	9.7 9.6 10.0 9.7 9.8	9.6 9.8	10.0	9.2 9.7
248C 248D 248E 248F 248G 250A 250B 250C	51.01 53.44 55.34 56.82 67.38 75.85 76.21	46.39 48.82 50.39 51.58 61.51 69.07 69.44	10.0 9.5 9.8 10.2 9.5 9.8 9.7	248D 248E 248F 250A 250B 250C	9.7 9.6 10.0 9.7 9.8 10.0			
248C 248D 248E 248F 248G 250A 250B 250C 250D 250E	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98	46.39 48.82 50.39 51.58 61.51 69.07 69.44 65.46 74.12	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3	248D 248E 248F 250A 250B 250C 250D	9.7 9.6 10.0 9.7 9.8 10.0 9.8			
248C 248D 248E 248F 248G 250A 250B 250C 250D 250C 250D 250E 251A	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33	46.39 48.82 50.39 51.58 61.51 69.07 69.44 65.46 74.12 53.62	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3 8.8	248D 248E 248F 250A 250B 250C 250D 251A	9.7 9.6 10.0 9.7 9.8 10.0 9.8 8.8			
248C 248D 248E 248F 248G 250A 250B 250C 250D 250E 251A 251B	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 44.11	46.39 48.82 50.39 51.58 61.51 69.07 69.44 65.46 74.12 53.62 40.53	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3 8.8 8.8	248D 248E 248F 250A 250B 250C 250D 251A 251B	9.7 9.6 10.0 9.7 9.8 10.0 9.8 8.8 9.1			
248C 248D 248E 248F 248G 250A 250B 250C 250D 250E 251A 251B 251C	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 44.11 47.66	46.39 48.82 50.39 51.58 61.51 69.07 69.44 65.46 74.12 53.62 40.53 43.6	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3 8.8 8.8 9.3	248D 248E 248F 250A 250B 250C 250D 251A 251B 251C	9.7 9.6 10.0 9.7 9.8 10.0 9.8 8.8 9.1 9.5			
248C 248D 248E 248F 248G 250A 250B 250C 250D 250C 250C 250C 251A 251B 251C 251D	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 44.11 47.66 46.08	46.39 48.82 50.39 51.58 61.51 69.07 69.44 65.46 74.12 53.62 40.53 43.6 41.99	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3 8.8 8.8 8.8 9.3 9.7	248D 248E 248F 250A 250B 250C 250D 251A 251B 251C 251D	9.7 9.6 10.0 9.7 9.8 10.0 9.8 8.8 9.1 9.5 9.5			
248C 248D 248E 248F 248G 250A 250B 250C 250D 250E 251A 251B 251C	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 44.11 47.66	46.39 48.82 50.39 51.58 61.51 69.07 69.44 65.46 74.12 53.62 40.53 43.6	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3 8.8 8.8 9.3	248D 248E 248F 250A 250B 250C 250D 251A 251B 251C 251D 251E	9.7 9.6 10.0 9.7 9.8 10.0 9.8 8.8 9.1 9.5			
248C 248D 248E 248F 248G 250A 250B 250C 250D 250C 250C 250C 251A 251B 251C 251D	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 44.11 47.66 46.08	46.39 48.82 50.39 51.58 61.51 69.07 69.44 65.46 74.12 53.62 40.53 43.6 41.99	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3 8.8 8.8 8.8 9.3 9.7	248D 248E 248F 250A 250B 250C 250D 251A 251B 251C 251D	9.7 9.6 10.0 9.7 9.8 10.0 9.8 8.8 9.1 9.5 9.5			
248C 248D 248E 248F 248F 250A 250A 250B 250C 250D 250E 251A 251A 251C 251D 251E	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 44.11 47.66 46.08 42.97	46.39 48.82 50.39 51.58 61.51 69.07 69.44 65.46 74.12 53.62 40.53 43.6 41.99 39.3	10.0 9.5 9.8 10.2 9.5 9.7 10.3 9.3 8.8 8.8 9.3 9.7 9.3	248D 248E 248F 250A 250B 250C 250D 251A 251B 251C 251D 251E	9.7 9.6 10.0 9.7 9.8 10.0 9.8 9.8 9.8 9.8 9.1 9.5 9.5 9.4			
248C 248D 248E 248F 248G 250A 250B 250C 250D 250E 251A 251B 251C 251D 251E 251F 251G	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 44.11 47.66 46.08 42.97 47.13 42.05	$\begin{array}{r} 46.39\\ 48.82\\ 50.39\\ 51.58\\ 61.51\\ 69.07\\ 69.44\\ 65.46\\ 74.12\\ 53.62\\ 40.53\\ 43.6\\ 41.99\\ 39.3\\ 43.08\\ 38.52\\ \end{array}$	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3 8.8 9.3 9.7 9.3 9.7 9.3 9.4 9.2	248D 248E 248F 250A 250B 250C 250D 251A 251B 251C 251D 251E 251F	9.7 9.6 10.0 9.7 9.8 10.0 9.8 8.8 9.1 9.5 9.5 9.5 9.4 9.3	9.8	10.0	9.7
248C 248D 248E 248F 248G 250A 250B 250C 250D 250C 250D 250E 251A 251B 251C 251D 251E 251F 251G 251H	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 44.11 47.66 46.08 42.97 47.13 42.05 50.41	46.39 48.82 50.39 51.58 61.51 69.07 69.44 65.46 74.12 53.62 40.53 43.6 41.99 39.3 43.08 38.52 46.22	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3 8.8 9.3 9.3 9.7 9.3 9.7 9.3 9.4 9.2 9.1	248D 248E 248F 250A 250C 250C 250C 250C 250C 251C 251C 251C 251C 251F 251F 251F	9.7 9.6 10.0 9.7 9.8 10.0 9.8 9.8 9.8 9.1 9.5 9.5 9.4 9.3 9.1	9.8	10.0	9.7
248C 248D 248E 248F 248G 250A 250B 250C 250D 250C 250D 250C 251B 251C 251C 251C 251C 251G 251H 251G 251H 259A	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 44.11 47.66 46.08 42.97 47.13 42.05 50.41 46.37	46.39 48.82 50.39 51.58 61.51 69.07 69.44 65.46 74.12 53.62 40.53 43.6 41.99 39.3 43.08 38.52 46.22 42.51	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3 8.8 8.8 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.4 9.2 9.1	248D 248E 248F 250A 250B 250C 250D 251A 251B 251C 251C 251E 251F 251F 251F 259A	9.7 9.6 10.0 9.7 9.8 10.0 9.8 9.8 9.8 9.1 9.5 9.5 9.5 9.4 9.3 9.1 9.4	9.8	10.0	9.7
248C 248D 248E 248F 248F 250C 250A 250C 250D 250C 250D 250C 251D 251C 251C 251C 251F 251C 251F 251C 251H 259A 259B	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 44.11 47.66 46.08 42.97 47.13 50.41 42.05 50.41 46.37 54.36	46.39 48.82 50.39 51.58 61.51 69.07 69.44 65.46 74.12 53.62 40.53 43.6 41.99 39.3 43.08 38.52 46.22 42.51 49.5	10.0 9.5 9.8 10.2 9.5 9.7 10.3 9.3 8.8 8.8 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.8	248D 248E 250A 250B 250C 250D 251A 251B 251C 251D 251E 251F 251G 259A 259B	9.7 9.6 10.0 9.7 9.8 10.0 9.8 9.8 9.1 9.5 9.5 9.5 9.4 9.1 9.4 9.6	9.8	10.0	9.7
248C 248D 248E 248F 248F 250A 250B 250C 250D 250E 251A 251B 251C 251C 251C 251C 251C 251C 251C 251G 251G 251G 251G 259B 259C	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 44.11 47.66 46.08 42.97 47.13 42.05 50.41 46.37 54.36 51.84	$\begin{array}{r} 46.39\\ 48.82\\ 50.39\\ 51.58\\ 61.51\\ 69.07\\ 69.44\\ 65.46\\ 74.12\\ 53.62\\ 40.53\\ 43.68\\ 39.3\\ 43.08\\ 38.52\\ 46.25\\ 42.51\\ 49.5\\ 47.39\\ \end{array}$	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3 9.3 8.8 9.3 9.7 9.3 9.4 9.1 9.1 9.4	248D 248E 248F 250A 250B 250C 250D 251A 251B 251C 251B 251C 251E 251F 251G 259A 259B 259C	9.7 9.6 10.0 9.7 9.8 10.0 9.8 9.8 9.8 9.1 9.5 9.5 9.5 9.4 9.3 9.1 9.4 9.3	9.8	10.0	9.7
248C 248D 248E 248F 248F 250D 250C 250D 250C 250D 250C 250D 250E 251C 251D 251C 251C 251F 251C 251F 251C 251H 259A 259B	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 44.11 47.66 46.08 42.97 47.13 50.41 42.05 50.41 46.37 54.36	46.39 48.82 50.39 51.58 61.51 69.07 69.44 65.46 74.12 53.62 40.53 43.6 41.99 39.3 43.08 38.52 46.22 42.51 49.5	10.0 9.5 9.8 10.2 9.5 9.7 10.3 9.3 8.8 8.8 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.8	248D 248E 250A 250B 250C 250D 251A 251B 251C 251D 251E 251F 251G 259A 259B	9.7 9.6 10.0 9.7 9.8 10.0 9.8 9.8 9.1 9.5 9.5 9.5 9.4 9.1 9.4 9.6	9.8	10.0	9.7
248C 248D 248E 248F 248F 250A 250B 250C 250D 250E 251A 251B 251C 251C 251C 251C 251C 251C 251C 251G 251G 251G 251G 259B 259C	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 44.11 47.66 46.08 42.97 47.13 42.05 50.41 46.37 54.36 51.84	$\begin{array}{r} 46.39\\ 48.82\\ 50.39\\ 51.58\\ 61.51\\ 69.07\\ 69.44\\ 65.46\\ 74.12\\ 53.62\\ 40.53\\ 43.68\\ 39.3\\ 43.08\\ 38.52\\ 46.25\\ 42.51\\ 49.5\\ 47.39\\ \end{array}$	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3 9.3 8.8 9.3 9.7 9.3 9.4 9.1 9.1 9.4	248D 248E 248F 250A 250B 250C 250D 251A 251B 251C 251B 251C 251E 251F 251G 259A 259B 259C	9.7 9.6 10.0 9.7 9.8 10.0 9.8 9.8 9.8 9.1 9.5 9.5 9.5 9.4 9.3 9.1 9.4 9.3	9.8	10.0	9.7
248C 248D 248E 248F 248F 250A 250B 250C 250D 250E 251A 251B 251C 251B 251C 251B 251C 251G 251F 251G 251H 259B 259B 259E	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 58.33 58.33 58.33 58.33 44.11 47.66 46.08 42.97 47.13 42.05 50.41 46.37 54.36 51.84 44.42 46.19	$\begin{array}{r} 46.39\\ 48.82\\ 50.39\\ 51.58\\ 61.51\\ 69.07\\ 69.44\\ 65.46\\ 74.12\\ 53.62\\ 40.53\\ 43.6\\ 41.99\\ 39.3\\ 43.08\\ 38.52\\ 46.22\\ 42.51\\ 49.5\\ 47.39\\ 40.69\\ 42.45\\ \end{array}$	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3 9.3 9.3 9.3 9.3 9.7 9.3 9.4 9.2 9.1 9.8 9.4 9.2 9.4 9.2 8.8	248D 248E 248F 250A 250B 250C 250D 251A 251B 251C 251D 251E 251F 251G 259B 259B 259D 259D 259E	9.7 9.6 10.0 9.7 9.8 10.0 9.8 9.8 9.5 9.5 9.5 9.5 9.5 9.5 9.1 9.4 9.3 9.1 9.3 9.0 8.9	9.8	10.0	9.7
248C 248D 248E 248F 248G 250A 250B 250C 250D 250C 250D 250E 251A 251B 251C 251B 251C 251B 251C 251B 251C 251B 251E 251F 259A 259B 259E 259F	$\begin{array}{c} 51.01\\ 53.44\\ 55.34\\ 56.82\\ 67.38\\ 75.85\\ 76.21\\ 72.23\\ 80.98\\ 58.33\\ 44.11\\ 47.66\\ 46.08\\ 42.97\\ 47.13\\ 42.05\\ 50.41\\ 46.37\\ 54.36\\ 51.84\\ 44.42\\ 46.19\\ 48.84\\ \end{array}$	$\begin{array}{r} 46.39\\ 48.82\\ 50.39\\ 51.58\\ 61.51\\ 69.07\\ 69.44\\ 65.46\\ 74.12\\ 53.62\\ 40.53\\ 43.6\\ 41.99\\ 39.3\\ 43.08\\ 83.52\\ 46.22\\ 42.51\\ 49.5\\ 47.39\\ 40.69\\ 40.69\\ 42.45\\ 44.81\\ \end{array}$	10.0 9.5 9.8 10.2 9.5 9.7 10.3 9.7 10.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.4 9.2 9.1 9.8 8.8 9.4 9.2 9.8	248D 248E 248F 250A 250B 250C 250D 251C 251D 251E 251C 251E 251G 259B 259C 259B 259C 259E 259F	9.7 9.6 10.0 9.7 9.8 10.0 9.8 9.8 9.1 9.5 9.5 9.5 9.5 9.4 9.3 9.1 9.4 9.6 9.3 9.1 9.4 9.6 9.3 9.1	9.8 9.2	9.5	9.7
248C 248D 248E 248F 248F 250D 250D 250C 250D 250C 250D 251C 251A 251B 251C 251C 251F 251F 251F 251F 259A 259B 259C 259B 259C 259E 259F 259G	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 44.11 47.66 46.08 42.97 47.13 42.05 50.41 46.37 54.36 51.84 44.42 46.19 48.84 49.96	$\begin{array}{r} 46.39\\ 48.82\\ 50.39\\ 51.58\\ 61.51\\ 69.07\\ 69.44\\ 65.46\\ 74.12\\ 53.62\\ 40.53\\ 43.6\\ 41.99\\ 39.3\\ 43.08\\ 38.52\\ 42.51\\ 49.5\\ 47.39\\ 40.69\\ 42.45\\ 47.39\\ 40.69\\ 42.45\\ 145.72\\ \end{array}$	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3 8.8 8.8 9.3 9.7 9.3 9.7 9.3 9.4 9.2 9.1 9.1 9.8 9.4 9.2 9.1 9.2 9.3	248D 248E 248F 250A 250B 250C 250D 251A 251B 251C 251D 251E 251F 251G 259B 259B 259D 259D 259E	9.7 9.6 10.0 9.7 9.8 10.0 9.8 9.8 9.5 9.5 9.5 9.5 9.5 9.5 9.1 9.4 9.3 9.1 9.3 9.0 8.9	9.8	10.0	9.7
248C 248D 248E 248F 248F 250D 250C 250D 250C 250D 250C 251D 251C 251C 251C 251C 251C 251F 251C 251F 251C 251H 259A 259B 259C 259D 259E 259F 259G 259H	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 44.11 47.66 46.08 42.97 47.13 42.05 50.41 46.37 54.36 51.84 44.42 46.19 48.84 49.96 56.52	$\begin{array}{r} 46.39\\ 48.82\\ 50.39\\ 51.58\\ 61.51\\ 69.07\\ 69.44\\ 65.46\\ 74.12\\ 53.62\\ 40.53\\ 43.6\\ 41.99\\ 39.3\\ 43.08\\ 38.52\\ 40.53\\ 43.08\\ 38.52\\ 42.51\\ 49.5\\ 47.39\\ 40.69\\ 42.45\\ 47.39\\ 40.69\\ 42.45\\ 51.99\\ 51.99\\ \end{array}$	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3 8.8 8.8 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.4 9.2 9.1 9.2 9.1 9.8 9.2 9.3 8.8 8.8 9.3 9.3	248D 248E 248F 250A 250B 250C 250D 251C 251D 251C 251C 251C 251C 251F 251C 259A 259B 259C 259B 259F 259F 259G	9.7 9.6 10.0 9.7 9.8 10.0 9.8 9.8 9.5 9.5 9.5 9.5 9.4 9.3 9.1 9.4 9.3 9.1 9.0	9.8 9.2	9.5	9.7
248C 248D 248E 248F 248F 250A 250B 250C 250D 250E 250C 250D 250E 251A 251B 251C 251C 251C 251C 251G 251G 251G 259B 259C 259B 259C 259B 259C 259B 259C 259B 259C 259B 259C 259B 259C 259B	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 44.11 47.66 46.08 42.97 47.13 42.05 50.41 46.37 50.41 46.37 51.84 44.42 46.19 48.84 44.42 46.19 48.84 49.96 56.52 62.21	$\begin{array}{r} 46.39\\ 48.82\\ 50.39\\ 51.58\\ 61.51\\ 69.07\\ 69.44\\ 65.46\\ 74.12\\ 53.62\\ 40.53\\ 43.6\\ 41.99\\ 39.3\\ 43.08\\ 38.52\\ 46.22\\ 42.51\\ 49.5\\ 47.39\\ 40.69\\ 42.45\\ 44.81\\ 49.5\\ 47.39\\ 40.69\\ 42.45\\ 44.81\\ 45.72\\ 51.99\\ 56.93\\ \end{array}$	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.4 9.2 9.1 9.1 9.1 9.8 9.4 9.2 8.8 9.7 9.3 9.4 9.2 9.1 9.3 8.8 9.7 9.3 9.4 9.2 9.5 9.8 9.7 9.3 9.7 9.3 9.8 9.7 9.3 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.7 9.8 9.7 9.7 9.3 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.3 9.7 9.3 9.3 9.7 9.3 9.3 9.7 9.3 9.3 9.7 9.3 9.3 9.7 9.3 9.3 9.7 9.3 9.3 9.7 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3	248D 248E 248F 250A 250B 250C 250D 251A 251C 251C 251C 251C 251C 251C 251C 251C	9.7 9.6 10.0 9.7 9.8 10.0 9.8 9.1 9.5 9.5 9.5 9.4 9.3 9.1 9.4 9.3 9.1 9.4 9.3 9.0 8.9 9.0 8.9 9.1 9.5	9.8 9.2	9.5	9.7
248C 248D 248E 248F 248F 250D 250C 250D 250C 250D 250C 251D 251C 251C 251C 251C 251C 251F 251C 251F 251C 251H 259A 259B 259C 259D 259E 259F 259G 259H	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 44.11 47.66 46.08 42.97 47.13 42.05 50.41 46.37 54.36 51.84 44.42 46.19 48.84 49.96 56.52	$\begin{array}{r} 46.39\\ 48.82\\ 50.39\\ 51.58\\ 61.51\\ 69.07\\ 69.44\\ 65.46\\ 74.12\\ 53.62\\ 40.53\\ 43.6\\ 41.99\\ 39.3\\ 43.08\\ 38.52\\ 40.53\\ 43.08\\ 38.52\\ 42.51\\ 49.5\\ 47.39\\ 40.69\\ 42.45\\ 47.39\\ 40.69\\ 42.45\\ 51.99\\ 51.99\\ \end{array}$	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3 8.8 8.8 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.4 9.2 9.1 9.2 9.1 9.8 9.2 9.3 8.8 8.8 9.3 9.3	248D 248E 248F 250A 250B 250C 250D 251C 251D 251C 251C 251C 251C 251F 251C 259A 259B 259C 259B 259F 259F 259G	9.7 9.6 10.0 9.7 9.8 10.0 9.8 9.8 9.5 9.5 9.5 9.5 9.4 9.3 9.1 9.4 9.3 9.1 9.0	9.8 9.2	9.5	9.7
248C 248D 248E 248F 248F 250A 250B 250C 250D 250E 250C 250D 250E 251A 251B 251C 251C 251C 251C 251G 251G 251G 259B 259C 259B 259C 259B 259C 259B 259C 259B 259C 259B 259C 259B 259C 259B	51.01 53.44 55.34 56.82 67.38 75.85 76.21 72.23 80.98 58.33 44.11 47.66 46.08 42.97 47.13 42.05 50.41 46.37 50.41 46.37 51.84 44.42 46.19 48.84 44.42 46.19 48.84 49.96 56.52 62.21	$\begin{array}{r} 46.39\\ 48.82\\ 50.39\\ 51.58\\ 61.51\\ 69.07\\ 69.44\\ 65.46\\ 74.12\\ 53.62\\ 40.53\\ 43.6\\ 41.99\\ 39.3\\ 43.08\\ 38.52\\ 46.22\\ 42.51\\ 49.5\\ 47.39\\ 40.69\\ 42.45\\ 44.81\\ 49.5\\ 47.39\\ 40.69\\ 42.45\\ 44.81\\ 45.72\\ 51.99\\ 56.93\\ \end{array}$	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.4 9.2 9.1 9.1 9.1 9.8 9.4 9.2 8.8 9.7 9.3 9.4 9.2 9.1 9.3 8.8 9.7 9.3 9.4 9.2 9.5 9.8 9.7 9.3 9.7 9.3 9.8 9.7 9.3 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.7 9.8 9.7 9.7 9.3 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.3 9.7 9.3 9.3 9.7 9.3 9.3 9.7 9.3 9.3 9.7 9.3 9.3 9.7 9.3 9.3 9.7 9.3 9.3 9.7 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3	248D 248E 248F 250A 250B 250C 250D 251A 251C 251C 251C 251C 251C 251C 251C 251C	9.7 9.6 10.0 9.7 9.8 10.0 9.8 9.1 9.5 9.5 9.5 9.4 9.3 9.1 9.4 9.3 9.1 9.4 9.3 9.0 8.9 9.0 8.9 9.1 9.5	9.8 9.2	9.5	9.7
248C 248D 248E 248F 248F 250A 250B 250C 250D 250E 251A 251B 251C 251B 251C 251B 251C 251C 251C 251C 251C 251C 251C 251G 251H 259A 259B 259B 259B 259B 259B 259B 259B 259B	$\begin{array}{c} 51.01\\ 53.44\\ 55.34\\ 56.82\\ 67.38\\ 75.85\\ 76.21\\ 72.23\\ 80.98\\ 58.33\\ 44.11\\ 47.66\\ 46.08\\ 42.97\\ 47.13\\ 42.05\\ 50.41\\ 46.39\\ 42.97\\ 47.13\\ 42.05\\ 50.41\\ 44.42\\ 46.19\\ 48.36\\ 51.84\\ 44.42\\ 46.19\\ 48.84\\ 49.96\\ 56.52\\ 62.21\\ 60.26\\ \end{array}$	$\begin{array}{r} 46.39\\ 48.82\\ 50.39\\ 51.58\\ 69.07\\ 69.44\\ 65.46\\ 74.12\\ 53.62\\ 40.53\\ 43.6\\ 41.99\\ 39.3\\ 43.08\\ 38.52\\ 46.22\\ 42.51\\ 49.5\\ 47.39\\ 40.69\\ 42.45\\ 44.872\\ 45.72\\ 51.99\\ 56.93\\ 54.88\\ \end{array}$	10.0 9.5 9.8 10.2 9.5 9.8 9.7 10.3 9.3 9.7 9.3 9.7 9.3 9.4 9.2 9.1 9.1 9.4 9.2 8.8 9.4 9.2 8.8 9.7 9.3 9.4 9.2 8.8 9.7 9.3 9.4 9.2 8.8 9.7 9.8 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.8 9.7 9.7 9.3 9.7 9.8 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.8 9.7 9.3 9.7 9.3 9.7 9.3 9.7 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.3 9.4 9.2 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5	248D 248E 248F 250A 250B 250C 250D 251A 251C 251C 251C 251C 251C 251C 251C 251C	9.7 9.6 10.0 9.7 9.8 10.0 9.8 9.1 9.5 9.5 9.4 9.3 9.1 9.5 9.4 9.3 9.1 9.5 9.4 9.3 9.1 9.5 9.5 9.7	9.8	9.5	9.7 8.8 8.9

281A	54.53	49.75	9.6	281A	9.7			
281A	53.39	48.63	9.8	281B	9.5	9.6	9.7	9.5
281C	54.69	50.04	9.3	2010	5.5	5.0	5.1	5.5
289A	60.87	55.66	9.4	289A	9.6			
289B	54.49	49.62	9.8	289B	10.0			
289C	59.19	53.74	10.1	289C	10.0			
289D	57.87	52.68	9.9	289D	9.9			
289E	55.81	50.77	9.9	289E	9.9			
289F	60.65	55.25	9.8	289F	9.8	9.9	10.0	9.6
289G	54.52	49.63	9.9					
295A	54.66	49.82	9.7	295A	9.8			
295B	61.71	56.19	9.8	295B	9.8			
295C	62.22	56.69	9.8	295C	9.7			
295D	53.45	48.78	9.6	295D	9.6			
295E	55.84	50.92	9.7	295E	9.8			
295F	58.57	53.26	10.0	295F	9.8	9.7	9.8	9.6
295G	59.45	54.2	9.7					
308A	60.41	55.3	9.2	308A	9.4			
308B	64.55	58.95	9.5	308B	9.4			
308C	56.91	52.08	9.3	308C	9.5			
308D	53.54	48.75	9.8	308D	9.7			
308E	54.67	49.92	9.5	308E	9.7			
308F	49.44	45.03	9.8	308F	9.8			
308G	51.34	46.73	9.9	308G	9.9	9.6	9.9	9.4
308H	39.92	36.29	10.0					
314A	66.24	60.28	9.9	314A	9.9			
314B	62.94	57.23	10.0	314B	10.0			
314C	63.97	58.13	10.0	314C	10.0			
314D	68.46	62.26	10.0	314D	9.9			
314E	66.32	60.33	9.9	314E	9.8	9.9	10.0	9.8
314F	60.9	55.49	9.7					
328A	63.02	57.41	9.8	328A	10.0			
328B	63.07	57.23	10.2	328B	9.9			
328C	65.99	60.19	9.6	328C	9.8			
328D	66.95	60.89	10.0	328D	9.9	9.9	10.0	9.8
328E	65.84	50 01	9.8					
_		59.94						
330A	66.87	60.89	9.8	330A	9.7			
330A 330B	66.87 62.96	60.89 57.49	9.8 9.5	330B	9.7			
330A 330B 330C	66.87 62.96 64.01	60.89 57.49 58.23	9.8 9.5 9.9	330B 330C	9.7 9.7			
330A 330B 330C 330D	66.87 62.96 64.01 68.57	60.89 57.49 58.23 62.6	9.8 9.5 9.9 9.5	330B 330C 330D	9.7 9.7 9.8		10.1	0.7
330A 330B 330C 330D 330E	66.87 62.96 64.01 68.57 69.19	60.89 57.49 58.23 62.6 62.85	9.8 9.5 9.9 9.5 10.1	330B 330C	9.7 9.7	9.8	10.1	9.7
330A 330B 330C 330D 330E 330F	66.87 62.96 64.01 68.57 69.19 63.77	60.89 57.49 58.23 62.6 62.85 57.96	9.8 9.5 9.9 9.5 10.1 10.0	330B 330C 330D 330E	9.7 9.7 9.8 10.1	9.8	10.1	9.7
330A 330B 330C 330D 330E 330F 356A	66.87 62.96 64.01 68.57 69.19 63.77 64.53	60.89 57.49 58.23 62.6 62.85 57.96 58.61	9.8 9.5 9.9 9.5 10.1 10.0 10.1	330B 330C 330D 330E 356A	9.7 9.7 9.8 10.1	9.8	10.1	9.7
330A 330B 330C 330D 330E 330F 356A 356B	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43	60.89 57.49 58.23 62.6 62.85 57.96 58.61 57.98	9.8 9.5 9.9 9.5 10.1 10.0 10.1 11.1	330B 330C 330D 330E 356A 356B	9.7 9.7 9.8 10.1 10.6 11.6			
330A 330B 330C 330D 330E 330F 356A 356B 356C	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06	60.89 57.49 58.23 62.6 62.85 57.96 58.61 57.98 58.89	9.8 9.5 9.9 9.5 10.1 10.0 10.1 11.1 12.2	330B 330C 330D 330E 356A	9.7 9.7 9.8 10.1	9.8	10.1	9.7
330A 330B 330C 330D 330E 330F 356A 356B 356C 356D	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78	60.89 57.49 58.23 62.6 62.85 57.96 58.61 57.98 58.89 60.45	9.8 9.5 9.9 9.5 10.1 10.0 10.1 11.1 12.2 12.1	330B 330C 330D 330E 356A 356B 356C	9.7 9.7 9.8 10.1 10.6 11.6 12.2			
330A 330B 330C 330D 330E 330F 356A 356B 356C 356D 356D 357A	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 67.9	60.89 57.49 58.23 62.6 62.85 57.96 58.61 57.98 58.89 60.45 61.04	9.8 9.5 9.9 9.5 10.1 10.0 10.1 11.1 12.2 12.1 11.2	330B 330C 330D 330E 356A 356B 356C 357A	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6			
330A 330B 330C 330D 330E 330F 356A 356B 356C 356D 357A 357B	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 67.9 66.74	60.89 57.49 58.23 62.6 62.85 57.96 58.61 57.98 58.89 60.45 61.04 59.66	9.8 9.5 9.9 9.5 10.1 10.0 10.1 11.1 12.2 12.1 11.2 11.9	330B 330C 330D 330E 356A 356B 356C 357A 357B	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6 11.5			
330A 330B 330C 330D 330E 330F 356A 356B 356C 356D 357A 357B 357C	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 67.9 66.74 70.38	60.89 57.49 58.23 62.6 62.85 57.96 58.61 57.98 58.89 60.45 61.04 59.66 63.34	9.8 9.5 9.9 9.5 10.1 10.0 10.1 11.1 12.2 12.1 11.2 11.9 11.1	330B 330C 330D 330E 356A 356B 356C 357A 357B 357C	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6 11.5 11.3	11.5	12.2	10.6
330A 330B 330C 330D 330E 330F 356A 356B 356C 356D 357A 357B 357C 357D	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 67.9 66.74 70.38 72.9	60.89 57.49 58.23 62.6 62.85 57.96 58.61 57.98 58.89 60.45 61.04 59.66 63.34 65.41	9.8 9.5 9.9 9.5 10.1 11.1 12.2 12.1 11.2 11.3 11.1 11.5	330B 330C 330D 330E 356A 356B 356C 357A 357B	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6 11.5			
330A 330B 330C 330D 330E 330F 356A 356B 356B 356B 356D 357A 357B 357C 357D 357C	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 67.9 66.74 70.38 72.9 65.35	60.89 57.49 58.23 62.6 62.85 57.96 58.61 57.98 58.89 60.45 61.04 59.66 63.34 65.41 58.69	9.8 9.5 9.9 9.5 10.1 11.1 12.2 12.1 11.2 11.1 11.5 11.3	330B 330C 330D 330E 356A 356B 356C 357A 357B 357C 357D	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6 11.5 11.3 11.4	11.5	12.2	10.6
330A 330B 330C 330D 330E 330F 356A 356B 356B 356C 356D 357A 357B 357C 357T 357T 357T 357T 357T	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 67.9 66.74 70.38 72.9 65.35 60.77	60.89 57.49 58.23 62.6 62.85 57.96 58.61 57.96 58.89 60.45 61.04 59.66 63.34 65.41 58.69 54.42	9.8 9.5 9.9 9.5 10.1 11.1 12.2 12.1 11.2 11.1 11.2 11.1 11.2 11.3 11.7	330B 330C 330D 330E 356A 356B 356C 357A 357B 357C 357D 357D 382A	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6 11.5 11.3 11.4 12.4	11.5	12.2	10.6
330A 330B 330C 330D 330F 356A 356B 356C 356D 357A 357B 357C 357C 357TE 382A 382B	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 66.74 70.38 72.9 65.35 60.77 67.5	60.89 57.49 58.23 62.6 62.85 57.96 58.61 57.98 60.45 59.89 60.45 59.66 63.34 65.41 59.66 63.34 65.41 58.69 54.42 59.71	9.8 9.5 9.9 9.5 10.1 11.1 12.2 12.1 11.2 11.9 11.5 11.3 11.7 13.0	330B 330C 330D 330E 356A 356B 356C 357A 357B 357C 357D 357D 357D 382A 382B	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6 11.5 11.3 11.4 12.4 12.5	11.5	12.2	10.6
330A 330B 330C 330D 330F 356A 356B 356C 356C 357B 357C 357B 357C 357T 357T 357Z 357Z 382A 382B 382C	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 66.74 70.38 72.9 65.35 60.77 67.5 70.11	60.89 57.49 58.23 62.6 62.85 57.96 58.61 57.98 58.89 60.45 61.04 59.66 63.34 65.41 58.69 54.42 59.71 62.64	9.8 9.5 9.9 9.5 10.1 10.0 10.1 11.1 12.2 11.1 11.2 11.1 11.5 11.3 11.7 11.3 11.7 13.0 11.9	330B 330C 330D 330E 356A 356B 356C 357A 357B 357C 357D 357D 382A	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6 11.5 11.3 11.4 12.4	11.5	12.2	10.6
330A 330B 330C 330D 330F 356A 356B 356C 356D 357B 357B 357C 357TD 357TC	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 66.74 70.38 72.9 65.35 60.77 67.5 70.11 66.12	60.89 57.49 58.23 62.6 62.85 57.96 58.61 57.98 58.89 60.45 61.04 59.66 63.34 65.41 58.69 54.42 59.71 62.64 58.94	9.8 9.5 9.9 9.5 10.1 10.0 10.1 11.1 12.2 11.3 11.5 11.3 11.7 11.3 11.7 12.2	330B 330C 330D 330E 356A 356B 356C 357A 357B 357C 357D 382A 382B 382C	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6 11.5 11.3 11.4 12.4 12.5 12.1	11.5	12.2	10.6
330A 330B 330C 330D 330F 356A 356B 356C 356D 357A 357B 357C 357D 357C 357C 357C 357C 357C 357C 357C 357C	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 66.74 70.38 72.9 66.74 70.38 72.9 65.35 60.77 67.5 70.11 66.12 69.91	60.89 57.49 58.23 62.65 57.96 58.61 57.98 58.89 60.45 61.04 59.66 63.34 65.41 59.66 63.34 65.41 59.64 59.64 59.64 58.94 63.76	9.8 9.5 9.9 9.5 10.0 10.1 11.1 12.2 11.9 11.1 11.5 11.3 11.7 13.0 11.9 11.9 11.9 11.9 11.9 12.2 9.6	330B 330C 330D 330E 356A 356B 356C 357A 357B 357C 357D 357D 382A 382B 382A 382B 382A 387A	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6 11.5 11.3 11.4 12.4 12.5 12.1 10.4	11.5	12.2	10.6
330A 330B 330C 330D 330F 356A 356B 356C 356D 357A 357B 357C 357D 357C 357D 357E 382A 382B 382C 382D 387A 387A	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 67.79 66.74 70.38 72.9 65.35 60.777 67.5 70.11 66.12 69.91 75.76	60.89 57.49 58.23 62.6 57.96 57.96 57.96 57.98 58.89 60.45 59.66 63.34 65.41 59.66 63.34 65.41 59.64 59.64 59.64 58.94 62.64 63.76 62.64 63.76 63.76 63.76	9.8 9.5 9.9 9.5 10.1 11.2 12.1 11.2 11.1 11.5 11.3 11.7 13.0 11.7 9.6 11.1	330B 330C 330D 330E 356A 356B 356C 357A 357B 357C 357D 382A 382B 382C 387A 387A 387B	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6 11.3 11.4 12.4 12.4 12.5 12.1 10.4 10.8	11.5	12.2	10.6
330A 330B 330C 330D 330F 356A 356B 356C 356D 357A 357B 357C 357D 357C 357C 357C 357C 357C 357C 357C 357C	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 67.9 66.74 70.38 72.9 65.35 60.77 67.5 70.11 66.21 75.76 71.61	60.89 57.49 58.23 62.85 57.96 58.61 57.98 58.89 60.45 59.66 63.34 65.41 59.66 63.34 65.41 58.69 54.42 59.71 62.64 58.69 54.42 59.71 62.64 63.76 75 75 75 75 75 75 75 75 75 75 75 75 75	9.8 9.5 9.9 9.5 10.1 11.1 12.2 12.1 11.2 11.1 11.5 11.3 11.7 13.0 11.9 11.1 10.9 10.1	330B 330C 330D 330E 356A 356B 356C 357A 357B 357C 357D 357D 382A 382B 382A 382B 382A 387A	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6 11.5 11.3 11.4 12.4 12.5 12.1 10.4	11.5	12.2	10.6
330A 330B 330C 330D 330F 356A 356B 356C 356D 357A 357C 357D 357C 357D 357C 357D 357C 357C 357D 357C 382A 382B 382C 382D 3827A 387B 387C	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 67.79 66.74 70.38 72.9 66.74 70.38 72.9 65.35 60.77 67.5 60.77 67.5 70.11 66.12 69.91 75.76 67.161 70.03	60.89 57.49 58.23 62.6 57.96 57.96 57.96 57.98 58.89 60.45 59.66 63.34 65.41 59.66 63.34 65.41 59.64 59.64 59.64 58.94 62.64 63.76 62.64 63.76 63.76 63.76	9.8 9.5 9.9 9.5 10.1 11.2 12.1 11.2 11.1 11.5 11.3 11.7 13.0 11.7 9.6 11.1	330B 330C 330D 330E 356A 356B 356C 357A 357C 357C 357C 357C 357C 357C 357C 382A 382B 382C 387A 387B 387C	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.5 11.3 11.4 12.4 12.5 12.1 10.4 10.8 10.5	11.5	12.2	10.6
330A 330B 330C 330D 330F 356A 356B 356C 357A 357B 357C 357T 357C 357T 357C 357T 357Z 382A 382B 382C 382D 387A 387A 387C 387D	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 67.9 66.74 70.38 72.9 65.35 60.77 67.5 70.11 66.21 75.76 71.61	60.89 57.49 58.23 62.65 57.96 58.61 57.98 58.89 60.45 59.66 63.34 59.66 63.34 59.66 63.34 59.66 63.34 59.66 63.34 59.42 59.71 62.64 58.94 63.76 68.18 54.42 59.71 62.64 53.71 62.64 53.37	9.8 9.5 9.9 9.5 10.1 10.0 10.1 11.1 12.2 11.2 11.3 11.7 13.0 11.9 12.2 9.6 11.1 10.4 10.4	330B 330C 330D 330E 356A 356B 356C 357A 357C 357C 357C 357C 357C 357C 357C 382A 382B 382C 387A 387B 387C	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.5 11.3 11.4 12.4 12.5 12.1 10.4 10.8 10.5	11.5	12.2	10.6
330A 330B 330C 330D 330E 330F 356A 356B 356C 356C 357B 357C 357B 357C 357C 357C 357C 357C 357C 357C 357C	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 67.78 67.78 67.79 66.74 70.38 72.9 66.74 70.38 72.9 66.75 60.77 67.5 70.11 66.12 69.91 75.76 71.61 170.03 61.01	$\begin{array}{c} 60.89\\ 57.49\\ 58.23\\ 62.85\\ 57.96\\ 58.61\\ 57.98\\ 58.89\\ 60.45\\ 61.04\\ 59.66\\ 63.34\\ 65.41\\ 59.66\\ 63.34\\ 65.41\\ 59.66\\ 63.34\\ 65.41\\ 59.66\\ 63.34\\ 65.41\\ 59.66\\ 63.34\\ 63.76\\ 63.76\\ 63.76\\ 63.76\\ 63.35\\ 55.4\\ 60.47\\ \end{array}$	9.8 9.5 9.9 9.5 10.1 10.0 10.1 11.1 12.2 11.1 11.2 11.3 11.7 11.3 11.7 13.0 11.9 12.2 9.6 11.1 10.5 10.4 10.5 10.1	330B 330C 330D 330E 356A 356B 356C 357A 357B 357C 357D 357C 357D 382A 382B 382C 387A 387B 387C 387D 387C	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6 11.5 11.3 11.4 12.4 12.4 12.1 10.4 10.5 10.3 10.3	11.5	12.2	10.6
330A 330B 330C 330D 330E 356A 356B 356C 356D 357B 357B 357C 357D 357C 357C 357C 357C 357C 357C 357C 357C	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 67.78 66.74 70.38 72.9 66.74 70.38 72.9 66.74 70.38 72.9 66.75 60.77 67.55 70.11 66.12 69.91 75.76 71.61 70.03 61.01 66.85	60.89 57.49 58.23 62.6 62.85 57.96 58.61 57.98 58.89 60.45 61.04 65.41 59.66 63.34 65.41 58.69 54.42 59.71 62.64 58.94 63.76 68.18 64.85 63.37 55.4	9.8 9.5 9.9 9.5 10.1 11.1 12.2 11.1 11.2 11.3 11.7 11.3 11.7 12.2 9.6 11.1 10.4 10.5 10.1	330B 330C 330D 330E 356A 356B 356C 357A 357B 357C 357D 357C 357D 382A 382A 382A 382C 387A 387B 387C 387D 387A 387D 387A 387B 387C 387A	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6 11.5 11.3 11.4 12.4 12.5 12.1 10.4 10.8 10.5 10.3 11.0 11.6	11.5	12.2	10.6
330A 330B 330C 330D 330F 356A 356B 356C 357A 357B 357C 357D 357C 357D 357C 357C 357C 357C 357C 357C 357C 357C	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 66.74 70.38 72.9 66.74 70.38 72.9 66.74 70.38 72.9 66.75 70.11 66.12 69.91 75.76 71.61 70.03 61.01 66.85 61.4	$\begin{array}{c} 60.89\\ 57.49\\ 58.23\\ 62.65\\ 57.96\\ 58.61\\ 57.98\\ 58.89\\ 60.45\\ 61.04\\ 59.66\\ 63.34\\ 65.41\\ 59.66\\ 63.34\\ 65.41\\ 59.66\\ 63.34\\ 65.41\\ 59.66\\ 63.34\\ 65.41\\ 59.66\\ 63.34\\ 63.76\\ 68.18\\ 64.85\\ 63.37\\ 55.4\\ 60.47\\ 55.14\\ \end{array}$	9.8 9.5 9.9 9.5 10.0 10.1 11.1 12.2 11.1 11.2 11.1 11.5 11.3 11.7 13.0 11.9 12.2 9.6 11.1 10.4 10.5 10.1 10.6 11.4	330B 330C 330D 330E 356A 356B 356C 357A 357B 357C 357D 357D 357D 382A 382B 387C 387A 387B 387C 387D 387A 387D 387A 387D 387A 387D 387A 387B 387A 387A 387B 387A 387B 387A 387B 387A 387B 387A 387B 387A 387B 387A 387B 387A 387B 387A 387B 387A 387B 387A 387B 387A 387B 387A 387B 387A 387B 387A 387B 387C 355C 355C 355C 355C 355C 355C 355C 35	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6 11.5 11.3 11.4 12.4 12.4 12.1 10.4 10.5 10.3 10.3	11.5	12.2	10.6
330A 330B 330C 330D 330F 356A 356B 356C 356D 357A 357B 357C 357D 357C 357D 357E 382A 382B 387C 382D 387A 387D 387C 387D 387C 387D 387A 387A 387B 387A 387A 387A 387A 387A 387A 387A 387A	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 67.79 66.74 70.38 72.9 65.35 60.77 67.5 70.11 66.12 69.91 75.76 71.61 70.03 61.01 66.85 61.4 71.05	$\begin{array}{c} 60.89\\ 57.49\\ 58.23\\ 62.6\\ 57.96\\ 57.96\\ 57.98\\ 58.89\\ 60.45\\ 57.98\\ 58.89\\ 60.45\\ 63.34\\ 65.41\\ 59.66\\ 63.34\\ 65.41\\ 59.66\\ 63.34\\ 65.41\\ 59.66\\ 63.34\\ 63.76\\ 62.64\\ 63.37\\ 55.14\\ 63.49\\ 60.47\\ 55.14\\ 63.49\\ \end{array}$	9.8 9.5 9.9 9.5 10.0 10.1 11.1 12.2 11.1 11.5 11.3 11.7 13.0 11.7 13.0 11.2 9.6 11.1 10.5 10.1 10.6 11.4 11.9	330B 330C 330D 330E 356A 356B 356C 357A 357B 357C 357D 382A 387C 387D 387C 387A 387B 387C 387A 387C 387A 387D 387A 387C 387A 387C	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6 11.5 11.3 11.4 12.4 12.5 12.1 10.4 10.5 10.3 11.0 11.6 11.5	11.5 11.4 12.3 10.5	12.2 11.6 12.5	10.6 11.3 12.1
330A 330B 330C 330D 330F 356A 356B 356C 357A 357B 357C 357C 357C 357C 357C 357C 357C 357C	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.74 70.38 72.9 66.74 70.38 72.9 65.35 60.77 67.5 70.11 66.12 69.91 75.76 71.61 70.03 61.01 66.85 61.01 66.85 62.11	$\begin{array}{c} 60.89\\ 57.49\\ 58.23\\ 62.85\\ 57.96\\ 57.96\\ 58.61\\ 57.98\\ 58.89\\ 60.45\\ 57.98\\ 58.89\\ 50.41\\ 59.66\\ 63.34\\ 59.66\\ 63.34\\ 59.66\\ 63.34\\ 55.41\\ 62.64\\ 58.94\\ 63.77\\ 55.4\\ 60.47\\ 55.4\\ 60.47\\ 55.14\\ 63.49\\ 55.91\\ \end{array}$	9.8 9.5 9.9 9.5 10.1 10.0 10.1 11.2 11.2 11.2 11.3 11.5 11.3 11.7 13.0 11.9 12.2 9.6 11.1 10.4 10.5 10.1 10.6 11.4 11.9 11.1 10.4 10.5 10.1 10.6 11.1	330B 330C 330D 330E 356A 356B 356C 357A 357B 357C 357D 382A 387C 387D 387C 387A 387B 387C 387A 387C 387A 387D 387A 387C 387A 387C	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6 11.5 11.3 11.4 12.4 12.5 12.1 10.4 10.5 10.3 11.0 11.6 11.5	11.5 11.4 12.3 10.5	12.2 11.6 12.5	10.6 11.3 12.1
330A 330B 330C 330D 330F 356A 356B 356C 356C 357B 357C 357B 357C 357D 357C 357C 357C 357C 357C 357C 357C 357C	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 67.78 67.78 67.78 67.78 67.79 66.74 70.38 72.9 66.74 70.38 72.9 66.74 70.38 72.9 65.35 60.77 67.5 70.11 66.12 69.91 75.76 71.61 70.03 61.01 66.85 61.4 71.05 62.11 66.58	$\begin{array}{c} 60.89\\ 57.49\\ 58.23\\ 62.85\\ 57.96\\ 58.61\\ 57.98\\ 58.89\\ 60.45\\ 57.98\\ 58.89\\ 60.45\\ 59.66\\ 63.34\\ 65.41\\ 58.69\\ 59.66\\ 63.34\\ 65.41\\ 58.69\\ 54.42\\ 59.71\\ 62.64\\ 68.18\\ 64.85\\ 63.37\\ 55.4\\ 60.47\\ 55.14\\ 63.49\\ 55.91\\ 55.75\\ \end{array}$	9.8 9.5 9.9 9.5 10.1 10.0 10.1 11.1 12.2 11.1 11.5 11.3 11.7 13.0 11.9 12.2 9.6 11.1 10.5 10.1 10.4 10.5 10.1 10.6 11.4 11.4 11.4	330B 330C 330D 330E 356A 356B 356C 357A 357B 357C 357D 357C 357D 382A 382B 382C 387A 382B 382C 387A 387D 387D 387D 387D 387D 387D 387D 387D	9.7 9.7 9.8 10.1 10.6 11.6 11.5 11.3 11.4 12.4 12.5 12.1 10.4 12.5 12.1 10.4 10.5 10.3 11.0 11.6 11.5 10.3	11.5 11.4 12.3 10.5	12.2 11.6 12.5	10.6 11.3 12.1
330A 330B 330C 330D 330E 330F 356A 356B 356C 356D 357B 357C 357D 357C 357D 357C 357C 357C 357C 357C 357C 357C 357C	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 67.78 67.79 66.74 70.38 72.9 66.74 70.38 72.9 66.74 70.38 72.9 66.74 70.38 72.9 66.75 60.77 67.55 70.11 66.85 61.4 71.05 62.11 66.58 67.57	$\begin{array}{c} 60.89\\ 57.49\\ 58.23\\ 62.85\\ 57.96\\ 58.61\\ 57.98\\ 58.89\\ 60.45\\ 57.98\\ 58.89\\ 60.45\\ 59.66\\ 63.34\\ 65.41\\ 58.69\\ 54.42\\ 59.71\\ 55.4\\ 63.76\\ 68.18\\ 64.85\\ 63.37\\ 55.4\\ 60.47\\ 55.14\\ 63.49\\ 55.91\\ 55.51\\ 61.33\\ \end{array}$	9.8 9.5 9.9 9.5 10.1 10.0 10.1 11.1 12.2 11.1 11.2 11.3 11.7 13.0 11.9 12.2 9.6 11.1 10.5 10.1 10.5 10.1 10.6 11.4 11.2	330B 330C 330D 330E 356A 356B 356C 357A 357B 357C 357D 357C 357D 382A 387A 382B 387C 387A 387B 387C 387A 387B 387C 387A 387B 387C 387A 387B 387C 387A 387A 387A 387A 387A 387A 387A 387A	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6 11.5 11.3 11.4 12.4 12.5 12.1 10.4 10.8 10.5 10.3 11.0 11.6 11.5 10.3 11.0 11.6 11.5 10.3	11.5 11.4 12.3 10.5	12.2 11.6 12.5	10.6 11.3 12.1
330A 330B 330C 330D 330F 356A 356B 356C 356D 357A 357B 357C 357D 357C 357D 357C 357C 357C 357C 357C 357C 357C 357C	66.87 62.96 64.01 68.57 69.19 63.77 64.53 64.43 66.06 67.78 67.9 66.74 70.38 72.9 66.74 70.38 72.9 66.74 70.38 72.9 66.74 70.38 72.9 66.75 70.11 66.85 61.4 71.05 62.11 66.557 71.46	$\begin{array}{c} 60.89\\ 57.49\\ 58.23\\ 62.85\\ 57.96\\ 58.61\\ 57.98\\ 58.89\\ 60.45\\ 61.04\\ 59.66\\ 63.34\\ 65.41\\ 59.66\\ 63.34\\ 65.41\\ 59.66\\ 63.34\\ 65.41\\ 59.66\\ 63.34\\ 65.41\\ 59.75\\ 59.75\\ 55.14\\ 63.49\\ 55.75\\ 61.33\\ 64.08\\ \end{array}$	9.8 9.5 9.9 9.5 10.1 11.1 12.2 11.1 11.2 11.1 11.2 11.3 11.7 11.3 11.7 12.2 9.6 11.1 10.4 10.5 11.1 10.4 10.5 11.1 10.6 11.4 11.4 11.5	330B 330C 330D 330E 356A 356B 356C 357A 357B 357C 357D 357D 382A 387A 387B 387C 387A 387B 387C 387A 387B 387C 387A 387B 387C 387A 387A 387A 387A 387A 387A 387A 387A	9.7 9.7 9.8 10.1 10.6 11.6 12.2 11.6 11.5 11.3 11.4 12.4 12.5 12.1 10.4 10.5 10.3 11.0 11.6 11.5 10.3 11.0 11.6 11.5 11.3 10.4 10.5 10.3	11.5 11.4 12.3 10.5	12.2 11.6 12.5 10.8	10.6 11.3 12.1 10.3

438A	70.99	64.42	10.2	438A	10.7	
438B	73.71	66.23	11.3	438B	11.5	
438C	82.07	73.45	11.7	438C	12.0	
438D	74.2	66.08	12.3	438D	12.3	
438E	75.9	67.61	12.3	438E	12.4	
438F	86.08	76.49	12.5	438F	12.2	
438G	72.07	64.4	11.9	438G	11.8	11.8 12.4 10.7
438H	71.56	64.12	11.6			1110 1211 1011
445A	59.2	53.57	10.5	445A	10.3	
445B	54.1	49.14	10.0	445B	9.9	
445C	56.88	51.81	9.8	445C	9.9	10.0 10.3 9.9
445D	59.35	53.99	9.9		0.0	
446A	59.8	53.36	12.1	446A	12.2	
446B	66.53	59.22	12.3	446B	12.8	
446C	70.4	62.17	13.2	446C	13.4	12.8 13.4 12.2
446D	66.38	58.48	13.5	1100	10.1	12.0 10.1 12.2
447A	74.95	67.87	10.4	447A	10.9	
447B	71.61	64.29	11.4	447B	11.1	
447C	75.97	68.57	10.8	447C	11.4	11.1 11.4 10.9
447D	81.44	72.69	12.0			
468A	66.96	60.35	11.0	468A	11.5	
468B	70.18	62.58	12.1	468B	12.3	
468C	72.86	64.81	12.1	468C	12.6	12.2 12.6 11.5
468D	73.49	65.13	12.4			
400D	65.53	59.04	11.0	475A	10.8	
475B	61.45	55.54	10.6	475B	10.0	
475C	62.2	56.51	10.0	475C	10.4	10.6 10.8 10.4
475D	67.47	60.67	11.2	4750	10.0	10.0 10.0 10.4
504A	91.71	81.25	12.9	504A	12.8	
504A	83.69	74.28	12.3	504A	12.0	12.4 12.8 12.0
504D	83.03	74.53	11.4	304D	12.0	12.4 12.0 12.0
579A	64.07	58.31	9.9	579A	10.4	
579A	60.78	54.8	10.9	579A	10.4	
579D	63.47	57.53	10.3	579C	9.9	
579D	68.3	62.44	9.4	579D	10.2	10.3 10.6 9.9
579E	60.71	54.64	11.1	5130	10.2	10.3 10.0 3.3
581A	60.66	54.8	10.7	581A	10.8	
581B	61.03	55.04	10.7	581A	10.5	
581C	59.82	54.33	10.3	581C	10.3	
581D	58.98	53.4	10.1	581D	10.8	10.6 10.8 10.3
581E	58.36	52.54	11.1	0010	10.0	10.0 10.0 10.0
598A	67.68	62.04	9.1	598A	8.7	
598B	67.7	62.45	8.4	598B	8.6	
598C	68.88	63.33	8.8	598C	9.7	
598D	65.8	59.5	10.6	598D	10.7	
598E	62.71	56.57	10.0	598E	11.0	h
598F	59.49	53.54	11.1	598F	10.8	
598G	55.14	49.93	10.4	598G	10.3	h
598H	50.86	46.17	10.1	598H	9.8	10.0 11.0 8.6
5981	50.91	46.54	9.4			
603A	73.18	65.79	11.2	603A	11.3	
603B	72.98	65.57	11.3	603B	11.3	ŀ
603C	70.09	63.01	11.2	603C	10.8	ŀ
603D	68.89	62.41	10.4	603D	10.5	11.0 11.3 10.5
603E	70.35	63.59	10.6			
615A	85.81	78.23	9.7	615A	9.3	
615B	80.89	74.26	8.9	615B	9.7	
615C	85.96	77.86	10.4	615C	11.1	
615D	82.73	74.03	11.8	615D	11.9	
615E	82.88	74	12.0	615E	12.0	
	82.36	73.5	12.1	615F	11.1	
0100						1
615F 615G		69.74	10.2	615G	10.1	
615G	76.84	69.74 71.55	10.2	615G 615H	10.1 10.3	10.7 12.0 9.3
		69.74 71.55 67.42	10.2 10.1 10.4	615G 615H	10.1 10.3	10.7 12.0 9.3

C004	05 50	50.04	107	CO04	10.0	
622A	65.56	59.21	10.7	622A	10.8	
622B	75.56	68.19	10.8	622B	11.3	
622C	75.36	67.41	11.8	622C	11.9	
622D	79.28	70.84	11.9	622D	12.0	
622E	74.66	66.66	12.0	622E	12.2	
622F	72.04	64.07	12.4	622F	11.5	11.6 12.2 10.8
622G	69.45	62.77	10.6			-
624A	57.97	52.25	10.9	624A	11.4	
624B	56.22	50.24	11.9	624B	11.1	
624C	46.39	42.09	10.2	624C	10.8	11.1 11.4 10.8
624D	61.66	55.38	11.3			
628A	73.13	66.42	10.1	628A	11.6	
628B	72.16	63.83	13.1	628B	12.5	
628C	76.35	68.2	12.0	628C	12.0	12.0 12.5 11.6
628D	72.55	64.77	12.0			
630A	64.89	59.44	9.2	630A	9.1	
630B	68.5	62.82	9.0	630B	9.1	
630C	66.61	61.03	9.1	630C	9.6	
630D	68.51	62.27	10.0	630D	10.0	
630E	67.16	61.08	10.0	630E	9.9	
630F	68.06	62.01	9.8	630F	9.6	
630G	70.59	64.53	9.4	630G	9.8	
630H	69.64	63.18	10.2	630H	10.4	9.6 10.4 9.1
6301	70.3	63.62	10.5			· · ·
646A	65.96	59.56	10.7	646A	10.6	
646B	68.29	61.87	10.4	646B	10.8	
646C	69	62	11.3	646C	11.7	
646D	67.95	60.58	12.2	646D	11.9	
646E	70.69	63.31	11.7	646E	11.4	
646F	72.13	64.91	11.1	646F	11.3	11.3 11.9 10.6
646G	68.77	61.71	11.4	0.01		
648A	65.94	59.67	10.5	648A	10.6	
648B	71.13	64.29	10.6	648B	11.1	
648C	75.33	67.52	11.6	648C	11.8	
648D	71.42	63.75	11.0	648D	11.0	
648E	73.43	65.71	12.0	648E	11.3	
648F	67.12	60.52	10.9	648F	10.7	11 1 11 0 10 5
648G	73.15	66.26	10.4	648G	10.5	11.1 11.9 10.5
648H	70.63	63.91	10.5	0044	10.0	
661A	68.27	61.32	11.3	661A	12.3	
661B	68.48	60.51	13.2	661B	13.1	
661C	69.95	61.85	13.1	661C	12.9	
661D	67.89	60.28	12.6	661D	12.8	
661E	68.16	60.28	13.1	661E	12.6	
661F	68.58	61.21	12.0	661F	12.0	12.6 13.1 12.0
661G	69.77	62.3	12.0			
666A	62.54	57.12	9.5	666A	9.3	
666B	66.22	60.64	9.2	666B	9.5	
666C	72.66	66.22	9.7	666C	9.7	9.5 9.7 9.3
666D	77.37	70.51	9.7			
669A	68.18	61.57	10.7	669A	10.9	
669B	64.69	58.2	11.2	669B	10.8	
669C	60.06	54.4	10.4	669C	10.4	
669D	58.6	53.08	10.4	669D	10.5	10.6 10.9 10.4
669E	55	49.75	10.6			
679A	62.41	56.22	11.0	679A	11.5	
679B	68.12	60.78	12.1	679B	12.6	
679C	67.22	59.37	13.2	679C	12.5	
679D	70.99	63.54	11.7	679D	11.7	
679E	66.87	59.92	11.6	679E	11.6	
679F	69.75	62.47	11.7	679F	11.3	11.9 12.6 11.3
679G	69.03	62.22	10.9			
681A	67.65	60.83	11.2	681A	11.4	
681B	75.5	67.63	11.6	681B	12.2	
	70.01	62.14	11.0	681C	11.5	
681C					10.4	
681C		61 18	10.3			
681D	67.49	61.18 54.6	10.3 10.5	681D 681F		
681D 681E	67.49 60.34	54.6	10.5	681E	11.2	
681D	67.49					11.5 12.2 10.4

693A	69.03	62.83	9.9	693A	10.3	
693B	65.2	58.87	10.8	693B	11.1	
693C	71.64	64.26	11.5	693C	11.8	
693D	74.13	66.13	12.1	693D	12.2	
693E	71.81	63.96	12.3	693E	12.4	
693F	71.19	63.29	12.5	693F	12.3	11.7 12.4 10.3
				0931	12.5	11.7 12.4 10.3
693G	71.64	63.88	12.1			
697A	73.11	66.71	9.6	697A	9.7	
697B	72.27	65.79	9.8	697B	10.9	
697C	78.08	69.71	12.0	697C	12.0	
697D	78.68	70.3	11.9	697D	12.0	
697E	78.24	69.8	12.1	697E	12.4	
						44.0 40.5 0.7
697F	74.39	65.99	12.7	697F	12.5	11.6 12.5 9.7
697G	78.31	69.76	12.3			
704A	27.82	25.29	10.0	704A	10.0	
704B	63.04	57.34	9.9	704B	9.9	
704C	61.54	56.05	9.8	704C	9.9	
704D	63.48	57.69	10.0	704D	10.0	
704E	67.26	61.21	9.9	704E	10.0	9.9 10.0 9.9
704F	76.85	69.81	10.1			
707A	56.13	50.98	10.1	707A	10.1	
707B	67.36	61.23	10.0	707B	10.2	
707C	64.18	58.11	10.4	707C	10.3	
707C	63.74	57.87	-			
-			10.1	707D	10.1	40.0 40.0 40.4
707E	66.68	60.55	10.1	707E	10.1	10.2 10.3 10.1
707F	76.06	69.15	10.0			
708A	35.69	32.28	10.6	708A	10.5	
708B	30.64	27.75	10.4	708B	10.3	
708C	65.31	59.22	10.1	708C	10.3	
708D	64.55	58.55	10.2	708D	10.3	
708E	62.56	56.67	10.4	708E	10.3	
708F	57.05	51.78	10.2	708F	10.4	
708G	38.07	34.42	10.6	708G	10.4	10.4 10.5 10.3
708H	62.73	56.97	10.1			
				7004	10.2	
728A	68.77	62.46	10.1	728A	10.2	
728B	60.46	54.86	10.2	728B	10.2	10.2 10.2 10.2
728C	62.61	56.86	10.1			
729A	69.34	63.6	9.0	729A	9.7	
729B	60.71	55.04	10.3	729B	10.3	
729C	64.94	58.91	10.2	729C	10.3	
729D	65.98	59.76	10.2	729D	10.3	
729E	60.18	54.58	10.3	729E	9.9	
729F	64.04	58.41	9.6	729F	10.0	
729G	56.3	51.04	10.3	729G	10.2	10.1 10.3 9.7
729H	63.38	57.54	10.1			
730A	81.67	73.48	11.1	7204		
		10.40			10 8	
730B		07.40		730A	10.8	
	74.18	67.19	10.4	730B	10.6	
730C	75.38	68.08	10.4 10.7	730B 730C	10.6 10.5	
730C 730D			10.4	730B	10.6	
	75.38	68.08	10.4 10.7	730B 730C	10.6 10.5	10.5 10.8 10.2
730D	75.38 74.74	68.08 67.73	10.4 10.7 10.3	730B 730C 730D	10.6 10.5 10.2	10.5 10.8 10.2
730D 730E 730F	75.38 74.74 75.98 70.37	68.08 67.73 69.02 63.76	10.4 10.7 10.3 10.1 10.4	730B 730C 730D 730E	10.6 10.5 10.2 10.2	10.5 10.8 10.2
730D 730E 730F 734A	75.38 74.74 75.98 70.37 63.07	68.08 67.73 69.02 63.76 57.45	10.4 10.7 10.3 10.1 10.4 9.8	730B 730C 730D 730E 734A	10.6 10.5 10.2 10.2 10.0	10.5 10.8 10.2
730D 730E 730F 734A 734B	75.38 74.74 75.98 70.37 63.07 56.05	68.08 67.73 69.02 63.76 57.45 50.81	10.4 10.7 10.3 10.1 10.4 9.8 10.3	730B 730C 730D 730E 734A 734A	10.6 10.5 10.2 10.2 10.0 10.3	10.5 10.8 10.2
730D 730E 730F 734A 734B 734C	75.38 74.74 75.98 70.37 63.07 56.05 74.22	68.08 67.73 69.02 63.76 57.45 50.81 67.35	10.4 10.7 10.3 10.1 10.4 9.8 10.3 10.2	730B 730C 730D 730E 734A 734B 734C	10.6 10.5 10.2 10.2 10.0 10.3 10.2	10.5 10.8 10.2
730D 730E 730F 734A 734B	75.38 74.74 75.98 70.37 63.07 56.05	68.08 67.73 69.02 63.76 57.45 50.81	10.4 10.7 10.3 10.1 10.4 9.8 10.3	730B 730C 730D 730E 734A 734A	10.6 10.5 10.2 10.2 10.0 10.3	10.5 10.8 10.2
730D 730E 730F 734A 734B 734C	75.38 74.74 75.98 70.37 63.07 56.05 74.22	68.08 67.73 69.02 63.76 57.45 50.81 67.35	10.4 10.7 10.3 10.1 10.4 9.8 10.3 10.2	730B 730C 730D 730E 734A 734B 734C	10.6 10.5 10.2 10.2 10.0 10.3 10.2	10.5 10.8 10.2
730D 730E 730F 734A 734B 734C 734D	75.38 74.74 75.98 70.37 63.07 56.05 74.22 69.98	68.08 67.73 69.02 63.76 57.45 50.81 67.35 63.46 60.85	10.4 10.7 10.3 10.1 10.4 9.8 10.3 10.2 10.3	730B 730C 730D 730E 734A 734B 734C 734D	10.6 10.5 10.2 10.2 10.0 10.3 10.2 10.4	10.5 10.8 10.2
730D 730E 730F 734A 734B 734C 734D 734E 734F	75.38 74.74 75.98 70.37 63.07 56.05 74.22 69.98 67.22 70.14	68.08 67.73 69.02 63.76 57.45 50.81 67.35 63.46 60.85 63.45	10.4 10.7 10.3 10.1 10.4 9.8 10.3 10.2 10.3 10.5 10.5	730B 730C 730D 730E 734A 734B 734C 734D 734E 734F	10.6 10.5 10.2 10.2 10.2 10.3 10.3 10.2 10.4 10.5 10.6	
730D 730E 730F 734A 734B 734C 734D 734C 734D 734E 734F 734G	75.38 74.74 75.98 70.37 63.07 56.05 74.22 69.98 67.22 70.14 61.79	68.08 67.73 69.02 63.76 57.45 50.81 67.35 63.46 60.85 63.45 55.89	10.4 10.7 10.3 10.1 10.4 9.8 10.3 10.2 10.3 10.5 10.5 10.6	730B 730C 730D 730E 734A 734B 734C 734D 734E	10.6 10.5 10.2 10.2 10.0 10.3 10.2 10.4 10.5	10.5 10.8 10.2
730D 730E 730F 734A 734B 734C 734C 734C 734E 734F 734F 734G 734H	75.38 74.74 75.98 70.37 63.07 56.05 74.22 69.98 67.22 70.14 61.79 68.67	68.08 67.73 69.02 63.76 57.45 50.81 67.35 63.46 60.85 63.45 55.89 62.57	10.4 10.7 10.3 10.1 10.4 9.8 10.3 10.2 10.3 10.5 10.5 10.6 9.7	730B 730C 730D 730E 734A 734B 734C 734D 734C 734E 734F 734F	10.6 10.5 10.2 10.2 10.0 10.3 10.2 10.4 10.5 10.6 10.2	
730D 730E 730F 734A 734B 734C 734D 734E 734E 734F 734G 734H 734H	75.38 74.74 75.98 70.37 63.07 56.05 74.22 69.98 67.22 70.14 61.79 68.67 60.57	68.08 67.73 69.02 63.76 57.45 50.81 67.35 63.46 60.85 63.45 55.89 62.57 54.61	10.4 10.7 10.3 10.1 10.4 9.8 10.3 10.5 10.5 10.6 9.7 10.9	730B 730C 730D 730E 734A 734B 734C 734D 734C 734E 734F 734F 734G	10.6 10.5 10.2 10.2 10.0 10.3 10.2 10.4 10.5 10.6 10.2 11.0	10.3 10.6 10.0
730D 730E 730F 734A 734B 734C 734D 734C 734E 734F 734F 734G 734H 741A 741B	75.38 74.74 75.98 70.37 63.07 56.05 74.22 69.98 67.22 70.14 61.79 68.67 60.57 58.18	68.08 67.73 69.02 63.76 57.45 50.81 67.35 63.46 60.85 63.45 55.89 62.57 54.61 52.4	10.4 10.7 10.3 10.1 10.4 9.8 10.3 10.5 10.5 10.6 9.7 10.9 11.0	730B 730C 730D 730E 734A 734B 734C 734D 734C 734E 734F 734F	10.6 10.5 10.2 10.2 10.0 10.3 10.2 10.4 10.5 10.6 10.2	
730D 730E 730F 734A 734B 734C 734D 734E 734E 734F 734G 734H 734H	75.38 74.74 75.98 70.37 63.07 56.05 74.22 69.98 67.22 70.14 61.79 68.67 60.57	68.08 67.73 69.02 63.76 57.45 50.81 67.35 63.46 60.85 63.45 55.89 62.57 54.61	10.4 10.7 10.3 10.1 10.4 9.8 10.3 10.5 10.5 10.6 9.7 10.9	730B 730C 730D 730E 734A 734B 734C 734D 734C 734E 734F 734F 734G	10.6 10.5 10.2 10.2 10.0 10.3 10.2 10.4 10.5 10.6 10.2 11.0	10.3 10.6 10.0
730D 730E 730F 734A 734B 734C 734D 734C 734D 734F 734G 734H 734G 734H 741A 741B 741C	75.38 74.74 75.98 70.37 63.07 56.05 74.22 69.98 67.22 70.14 61.79 68.67 60.57 58.18 60.03	68.08 67.73 69.02 63.76 57.45 50.81 67.35 63.46 60.85 63.45 55.89 62.57 54.61 52.4 54.32	10.4 10.7 10.3 10.1 10.4 9.8 10.3 10.5 10.5 10.6 9.7 10.9 11.0	730B 730C 730D 730E 734A 734B 734C 734C 734C 734C 734F 734F 734F 734G 741A 741B	10.6 10.5 10.2 10.2 10.3 10.3 10.2 10.4 10.5 10.6 10.2 11.0 10.8	10.3 10.6 10.0
730D 730E 730F 734A 734B 734C 734D 734E 734F 734G 734F 734G 734H 741A 741B 741C 745A	75.38 74.74 75.98 70.37 63.07 56.05 74.22 69.98 67.22 70.14 61.79 68.67 60.57 58.18 60.03 55.94	68.08 67.73 69.02 63.76 57.45 50.81 67.35 63.46 60.85 55.89 62.57 54.61 52.4 54.32 51.14	10.4 10.7 10.3 10.1 10.2 10.3 10.5 10.6 9.7 10.9 11.0 10.5 10.5 10.5 9.7 10.9 11.0 10.5 9.4	730B 730C 730D 730E 734B 734B 734C 734D 734E 734F 734G 741A 741B 745A	10.6 10.5 10.2 10.2 10.3 10.2 10.4 10.5 10.6 10.2 11.0 10.8 9.9	10.3 10.6 10.0
730D 730E 730F 734A 734B 734C 734D 734C 734F 734G 734H 741A 741A 741A 741C 745A	75.38 74.74 75.98 70.37 63.07 56.05 74.22 69.98 67.22 70.14 61.79 68.67 60.57 58.18 60.03 55.94 45.61	68.08 67.73 69.02 63.76 57.45 50.81 67.35 63.46 60.85 63.45 55.89 62.57 54.61 52.4 54.32 51.14 41.29	10.4 10.7 10.3 10.1 10.2 10.3 10.2 10.3 10.5 10.5 10.6 9.7 10.9 11.0 9.4 10.5	730B 730C 730D 730E 734A 734B 734C 734D 734E 734F 734F 734F 734G 741A 741B 745A 745B	10.6 10.5 10.2 10.3 10.2 10.3 10.4 10.5 10.6 10.7 10.8 9.9 10.4	10.3 10.6 10.0
730D 730E 730F 734B 734B 734C 734D 734C 734F 734F 734F 734F 734H 741A 741B 741A 7418 745B 745C	75.38 74.74 75.98 70.37 63.07 56.05 74.22 69.98 67.22 70.14 61.79 68.67 60.57 58.18 60.03 55.94 45.61 49.12	68.08 67.73 69.02 63.76 57.45 50.81 67.35 63.46 60.85 63.45 55.89 62.57 54.61 54.45 54.32 51.14 41.29 44.51	$\begin{array}{c} 10.4 \\ 10.7 \\ 10.3 \\ 10.1 \\ 10.4 \\ 9.8 \\ 10.3 \\ 10.2 \\ 10.3 \\ 10.5 \\ 10.5 \\ 10.6 \\ 9.7 \\ 10.9 \\ 11.0 \\ 10.5 \\ 10.4 \\ 10.5 \\ 10.4 \\ \end{array}$	730B 730C 730D 730E 734A 734B 734C 734D 734C 734F 734F 734F 734G 741A 741B 745A 745B 745C	10.6 10.5 10.2 10.2 10.3 10.3 10.2 10.4 10.5 10.6 10.2 11.0 10.8 9.9 10.4 10.2	10.3 10.6 10.0
730D 730E 730F 734A 734B 734C 734C 734C 734C 734F 734F 734F 734F 734H 741A 741B 741C 745A 7455 745D	75.38 74.74 75.98 70.37 63.07 56.05 74.22 69.98 67.22 70.14 61.79 68.67 60.57 58.18 60.03 55.94 45.61 49.12 67.74	68.08 67.73 69.02 63.76 57.45 50.81 67.35 63.46 60.85 63.45 55.89 62.57 54.61 52.4 51.14 41.29 44.51 61.61	10.4 10.7 10.3 10.1 10.2 10.3 10.2 10.3 10.5 10.6 9.7 10.9 11.0 10.5 10.5 10.5 10.5 10.5 9.4 10.5 10.4 9.9	730B 730C 730D 730E 734A 734B 734C 734D 734C 734D 734F 734G 734G 741A 741B 745A 745B 745C 745D	10.6 10.5 10.2 10.2 10.3 10.4 10.5 10.6 10.7 10.8 9.9 10.4 10.2 10.2	10.3 10.6 10.0
730D 730E 730F 734B 734B 734C 734D 734C 734F 734F 734F 734F 734H 741A 741B 741A 7418 745B 745C	75.38 74.74 75.98 70.37 63.07 56.05 74.22 69.98 67.22 70.14 61.79 68.67 60.57 58.18 60.03 55.94 45.61 49.12	68.08 67.73 69.02 63.76 57.45 50.81 67.35 63.46 60.85 63.45 55.89 62.57 54.61 54.45 54.32 51.14 41.29 44.51	$\begin{array}{c} 10.4 \\ 10.7 \\ 10.3 \\ 10.1 \\ 10.4 \\ 9.8 \\ 10.3 \\ 10.2 \\ 10.3 \\ 10.5 \\ 10.5 \\ 10.6 \\ 9.7 \\ 10.9 \\ 11.0 \\ 10.5 \\ 10.4 \\ 10.5 \\ 10.4 \\ \end{array}$	730B 730C 730D 730E 734A 734B 734C 734D 734C 734F 734F 734F 734G 741A 741B 745A 745B 745C	10.6 10.5 10.2 10.2 10.3 10.3 10.2 10.4 10.5 10.6 10.2 11.0 10.8 9.9 10.4 10.2	10.3 10.6 10.0
730D 730E 730F 734A 734B 734C 734C 734C 734F 734F 734F 734F 734H 741A 741B 741C 745A 7455 745D	75.38 74.74 75.98 70.37 63.07 56.05 74.22 69.98 67.22 70.14 61.79 68.67 60.57 58.18 60.03 55.94 45.61 49.12 67.74	68.08 67.73 69.02 63.76 57.45 50.81 67.35 63.46 60.85 63.45 55.89 62.57 54.61 52.4 51.14 41.29 44.51 61.61	10.4 10.7 10.3 10.1 10.2 10.3 10.2 10.3 10.5 10.6 9.7 10.9 11.0 10.5 10.5 10.5 10.5 10.5 9.4 10.5 10.4 9.9	730B 730C 730D 730E 734A 734B 734C 734D 734C 734D 734F 734G 734G 741A 741B 745A 745B 745C 745D	10.6 10.5 10.2 10.2 10.3 10.4 10.5 10.6 10.7 10.8 9.9 10.4 10.2 10.2	10.3 10.6 10.0
730D 730E 730F 734A 734C 734C 734C 734C 734C 734F 734F 734F 734F 734F 734F 734F 734F	75.38 74.74 75.98 70.37 63.07 56.05 74.22 69.98 67.22 70.14 61.79 68.67 58.18 60.03 55.94 45.61 49.12 67.74 65.64 69.63	68.08 67.73 69.02 63.76 57.45 63.46 60.85 63.46 60.85 63.45 55.89 62.57 54.61 52.4 41.29 44.51 63.26	$\begin{array}{c} 10.4\\ 10.7\\ 10.3\\ 10.1\\ 10.4\\ 9.8\\ 10.3\\ 10.2\\ 10.3\\ 10.5\\ 10.5\\ 10.5\\ 10.6\\ 9.7\\ 10.9\\ 11.0\\ 10.5\\ 9.4\\ 10.5\\ 10.5\\ 10$	730B 730C 730D 730E 734A 734B 734C 734E 734C 734E 734F 734G 741A 741B 745A 745B 745C 7455 7455 7455	10.6 10.5 10.2 10.2 10.3 10.2 10.4 10.5 10.6 10.2 11.0 10.8 9.9 10.4 10.2 10.4 10.2 10.0 10.1 10.0	10.3 10.6 10.0
730D 730E 730F 734A 734B 734C 734D 734E 734F 734F 734F 734F 734F 734F 734H 741B 741C 745B 745C 745D 745E	75.38 74.74 75.98 70.37 63.07 56.05 74.22 69.98 67.22 70.14 61.79 68.67 60.57 58.18 60.03 55.94 45.61 49.12 67.74 65.64	68.08 67.73 69.02 63.76 57.45 50.81 67.35 63.46 60.85 63.45 55.89 62.57 54.61 52.4 51.14 41.29 44.51 59.62	$\begin{array}{c} 10.4 \\ 10.7 \\ 10.3 \\ 10.1 \\ 10.4 \\ 9.8 \\ 10.3 \\ 10.2 \\ 10.3 \\ 10.5 \\ 10.5 \\ 10.5 \\ 10.6 \\ 9.7 \\ 10.9 \\ 11.0 \\ 10.5 \\ 9.4 \\ 10.5 \\ 10.4 \\ 9.9 \\ 10.1 \\ \end{array}$	730B 730C 730D 730E 734A 734B 734C 734D 734E 734F 734F 734F 734F 734G 741A 741B 745A 745D 745D 745E	10.6 10.5 10.2 10.2 10.2 10.3 10.2 10.4 10.5 10.6 10.7 10.8 9.9 10.4 10.2 10.0 10.1	10.3 10.6 10.0

747A 67.46 61.54 9.6	747A 9.6
	747A 9.6
	747C 9.4
	747D 10.1
	747E 10.6
	747E 10.3
	747G 10.3 10.0 10.6 9.4
747H 70.34 63.83 10.2	7476 10.3 10.0 10.0 9.4
	759A 9.0
	759B 9.5
	759C 9.7
	759D 9.6
	759E 9.6 9.5 9.7 9.0
759F 60.93 55.63 9.5	739E 9.0 9.3 9.7 9.0
	764A 9.1
	764A 9.1 764B 9.4
	764C 9.2
	764D 9.8
	764E 10.0
	764F 9.7 9.5 10.0 9.1
764G 66.36 60.46 9.8	7824 07
	783A 9.7
	783B 9.7
	783C 9.9 783D 10.1 9.8 10.1 9.7
783D 61.09 55.54 10.0 7 783E 67.48 61.27 10.1	783D 10.1 9.8 10.1 9.7
	7004 40.0
	796A 10.8
	796B 10.8
	796C 10.8 10.8 10.8 10.8
796D 62.07 56.01 10.8	
	812A 10.5
	812B 10.4
	812C 10.3 10.4 10.5 10.3
812D 74.39 67.41 10.4	
	822A 10.9
	822B 11.0
	822C 10.9 10.9 11.0 10.9
822D 77.92 70.35 10.8	
	832A 9.9
	832B 10.2
	832C 10.0
	832D 10.4
	832E 10.5
	832F 10.5
	832G 10.3 10.3 10.5 9.9
832H 74.21 67.48 10.0	
	841A 10.8
	841B 11.0
	841C 11.1
	841D 11.0 11.0 11.1 10.8
841E 77.46 69.95 10.7	
	845A 10.3
	845B 10.5
	845C 10.4
	845D 10.2
	845E 10.6
	845F 11.2
	845G 11.7 10.7 11.7 10.2
845H 66.57 59.51 11.9	
	848A 11.2
	848B 11.4
	848C 12.1
848D 59.2 52.61 12.5 8	848D 12.9
848E 71.49 63.16 13.2 8	848E 13.0
848E 71.49 63.16 13.2 8 848F 74.76 66.31 12.7 8	
848E 71.49 63.16 13.2 8 848F 74.76 66.31 12.7 8 848G 73.56 65.23 12.8	848E 13.0
848E 71.49 63.16 13.2 8 848F 74.76 66.31 12.7 8 848G 73.56 65.23 12.8 850A 74.34 67.36 10.4 8	848E 13.0 848F 12.8 12.2 13.0 11.2 850A 10.9
848E 71.49 63.16 13.2 4 848F 74.76 66.31 12.7 4 848G 73.56 65.23 12.8 850A 74.34 67.36 10.4 4 850B 73.98 66.35 11.5 4	848E 13.0 848F 12.8 12.2 13.0 11.2 850A 10.9 850B 11.3
848E 71.49 63.16 13.2 4 848F 74.76 66.31 12.7 4 848G 73.56 65.23 12.8 850A 74.34 67.36 10.4 4 850B 73.98 66.35 11.5 4 850C 79.09 71.24 11.0 4	848E 13.0 848F 12.8 12.2 13.0 11.2 850A 10.9 850B 11.3 850C 11.5
848E 71.49 63.16 13.2 4 848F 74.76 66.31 12.7 4 848G 73.56 65.23 12.8 850A 74.34 67.36 10.4 4 850B 73.98 66.35 11.5 4 850C 79.09 71.24 11.0 4	848E 13.0 848F 12.8 12.2 13.0 11.2 850A 10.9 850B 11.3

852A	58.53	53.53	9.3	852A	9.5	
852B	56.64	51.69	9.6	852B	9.7	
852C	58.18	53.01	9.8	852C	9.8	Ī
852D	60.87	55.44	9.8	852D	9.7	9.6 9.8 9.5
852E	69.57	63.53	9.5		.	
_				9551	10.4	
855A	76.59	69.73	9.8	855A	10.4	
855B	73.48	66.26	10.9	855B	11.1	
855C	72.06	64.71	11.4	855C	11.1	
855D	75.94	68.5	10.9	855D	11.2	
855E	74.39	66.73	11.5	855E	11.4	
855F	74.33	66.72	11.4	855F	11.1	İ
855G	86.27	77.93	10.7	855G	10.5	11.0 11.4 10.4
855H	87.2	79.03	10.3	0000		
_				0001	10.1	
896A	62.71	56.78	10.4	896A	10.4	
896B	71.16	64.48	10.4	896B	10.3	
896C	71.4	64.78	10.2	896C	10.2	10.3 10.4 10.2
896D	71.01	64.44	10.2			
901A	60.89	55.07	10.6	901A	10.5	
901B	70.46	63.76	10.5	901B	10.5	t
901D	71.52	64.71	10.5	901C	10.5	t
						ł
901D	71.68	64.59	11.0	901D	10.9	ł
901E	70.56	63.72	10.7	901E	10.8	ļ
901F	80.43	72.59	10.8	901F	10.9	<u> </u>
901G	71.51	64.4	11.0	901G	11.1	10.8 11.1 10.5
901H	72.89	65.63	11.1			
927A	61.72	56.37	9.5	927A	9.6	
927B	66.91	60.95	9.8	927B	9.6	t
927B	73.07	66.77	9.8	927B	9.0	ł
927D	61.53	56.15	9.6	927D	9.6	9.6 9.6 9.5
927E	64.12	58.5	9.6			
929A	68.28	62.26	9.7	929A	9.7	
929B	72.45	66.01	9.8	929B	9.6	
929C	77.78	71.08	9.4	929C	9.3	İ
929D	71.44	65.46	9.1	929D	9.4	9.5 9.7 9.3
929E	71.84	65.46	9.7	0200	0.1	0.0 0.1 0.0
			-	0004	0.5	
966A	70.44	64.2	9.7	966A	9.5	
966A 966A	70.44 59.9	64.2 54.81	9.7 9.3	966A	9.7	
966A	70.44	64.2	9.7			
966A 966A	70.44 59.9	64.2 54.81	9.7 9.3	966A	9.7	
966A 966A 966B	70.44 59.9 70.1 66.58	64.2 54.81 63.63	9.7 9.3 10.2	966A 966B	9.7 9.7	
966A 966A 966B 966B 966C	70.44 59.9 70.1 66.58 73.41	64.2 54.81 63.63 60.93 66.85	9.7 9.3 10.2 9.3 9.8	966A 966B 966B 966C	9.7 9.7 9.5 9.5	
966A 966A 966B 966B 966C 966C	70.44 59.9 70.1 66.58 73.41 67.56	64.2 54.81 63.63 60.93 66.85 61.91	9.7 9.3 10.2 9.3 9.8 9.1	966A 966B 966B 966C 966C	9.7 9.7 9.5 9.5 9.5	96 97 95
966A 966A 966B 966B 966C 966C 966C	70.44 59.9 70.1 66.58 73.41 67.56 67.7	64.2 54.81 63.63 60.93 66.85 61.91 61.67	9.7 9.3 10.2 9.3 9.8 9.1 9.8	966A 966B 966B 966C	9.7 9.7 9.5 9.5	9.6 9.7 9.5
966A 966A 966B 966B 966C 966C 966D 966D	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48	9.7 9.3 10.2 9.3 9.8 9.1 9.8 9.4	966A 966B 966C 966C 966C 966D	9.7 9.7 9.5 9.5 9.5 9.6	9.6 9.7 9.5
966A 966A 966B 966B 966C 966C 966D 966D 978A	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43	9.7 9.3 10.2 9.3 9.8 9.1 9.8 9.4 10.0	966A 966B 966C 966C 966C 966D 978A	9.7 9.7 9.5 9.5 9.5 9.6	9.6 9.7 9.5
966A 966B 966B 966C 966C 966C 966D 966D 978A 978B	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.17	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91	9.7 9.3 10.2 9.3 9.8 9.1 9.8 9.1 9.8 9.4 10.0 10.3	966A 966B 966C 966C 966C 966D 978A 978B	9.7 9.7 9.5 9.5 9.5 9.6 10.1 10.3	9.6 9.7 9.5
966A 966B 966B 966C 966C 966D 966D 978A 978B 978B	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.17 57.4	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91 52.06	9.7 9.3 10.2 9.3 9.8 9.1 9.8 9.4 10.0 10.3 10.3	966A 966B 966C 966C 966C 966D 978A 978B 978C	9.7 9.5 9.5 9.5 9.6 10.1 10.3 10.0	9.6 9.7 9.5
966A 966B 966B 966C 966C 966C 966D 966D 978A 978B	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.17	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91 52.06 61.72	9.7 9.3 10.2 9.3 9.8 9.1 9.8 9.1 9.8 9.4 10.0 10.3	966A 966B 966C 966C 966C 966D 978A 978B	9.7 9.7 9.5 9.5 9.5 9.6 10.1 10.3	9.6 9.7 9.5
966A 966B 966B 966C 966C 966D 966D 978A 978B 978B	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.17 57.4	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91 52.06	9.7 9.3 10.2 9.3 9.8 9.1 9.8 9.4 10.0 10.3 10.3	966A 966B 966C 966C 966C 966D 978A 978B 978C	9.7 9.5 9.5 9.5 9.6 10.1 10.3 10.0	9.6 9.7 9.5
966A 966B 966B 966C 966C 966D 966D 978A 978B 978B 978C 978D	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.17 57.4 67.68	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91 52.06 61.72	9.7 9.3 10.2 9.3 9.8 9.1 9.8 9.4 10.0 10.3 10.3 9.7	966A 966B 966C 966C 966C 966D 978A 978B 978C 978D	9.7 9.7 9.5 9.5 9.5 9.6 10.1 10.3 10.0 10.0	9.6 9.7 9.5
966A 966B 966B 966C 966C 966D 966D 966D 978A 978B 978B 978B 978D 978E	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.17 57.4 67.68 57.71	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91 52.06 61.72 52.32	9.7 9.3 10.2 9.3 9.8 9.1 9.8 9.4 10.0 10.3 10.3 9.7 10.3	966A 966B 966C 966C 966C 966D 978A 978B 978B 978C 978D 978E	9.7 9.7 9.5 9.5 9.5 9.6 10.1 10.3 10.0 10.0 10.5	
966A 966B 966B 966C 966C 966D 978A 978B 978C 978D 978B 978E 978F 978F	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.17 57.4 67.68 57.71 62.02 62.55	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91 52.06 61.72 52.32 55.99 56.77	9.7 9.3 10.2 9.3 9.8 9.4 10.0 10.3 10.3 9.7 10.3 10.8 10.2	966A 966B 966C 966C 966D 978A 978B 978B 978C 978D 978E 978F	9.7 9.5 9.5 9.5 9.6 10.1 10.3 10.0 10.0 10.5 10.5	
966A 966B 966B 966C 966C 966D 966D 978A 978A 978A 978B 978B 978B 978B 978F 978F	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.17 57.4 67.68 57.71 67.68 57.71 62.02 62.55 57.88	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91 52.06 61.72 52.32 55.99 56.77 53.09	9.7 9.3 10.2 9.3 9.8 9.1 9.4 10.0 10.3 10.3 9.7 10.3 10.8 10.2 9.0	966A 966B 966C 966C 966C 978A 978B 978B 978B 978B 978B 978B	9.7 9.5 9.5 9.5 9.6 10.1 10.3 10.0 10.0 10.5 10.5 9.1	
966A 966B 966B 966C 966C 966D 966D 978A 978B 978B 978C 978D 978B 978F 978G 978G 979A	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.17 57.4 67.68 57.71 67.68 57.71 62.02 62.55 57.88 51.23	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91 52.06 61.72 52.32 55.99 56.77 53.09 46.92	9.7 9.3 10.2 9.3 9.8 9.1 9.8 9.4 10.0 10.3 10.3 9.7 10.3 10.3 10.2 9.0 9.2	966A 966B 966C 966C 966C 978A 978B 978B 978B 978E 978F 978F 979A 979B	9.7 9.5 9.5 9.5 9.6 10.1 10.3 10.0 10.0 10.5 10.5 9.1 9.2	10.2 10.5 10.0
966A 966B 966B 966C 966C 966C 966D 978A 978B 978C 978D 978C 978F 978G 979B 979B	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.17 67.17 67.68 57.71 62.02 62.55 57.88 51.23 55.93	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91 52.06 61.72 52.06 61.72 55.99 56.77 53.09 46.92 51.17	9.7 9.3 10.2 9.3 9.8 9.4 10.0 10.3 10.3 10.3 9.7 10.3 10.8 10.2 9.0 9.2 9.3	966A 966B 966C 966C 966C 978A 978B 978B 978B 978B 978B 978B	9.7 9.5 9.5 9.5 9.6 10.1 10.3 10.0 10.0 10.5 10.5 9.1	
966A 966B 966B 966C 966C 966C 966D 978A 978B 978B 978C 978B 978C 978B 978F 978G 979A 979A 979A	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.24 69.77 67.17 57.4 67.68 57.71 62.02 62.55 57.88 51.23 55.93 57.23	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91 52.06 61.72 55.99 56.77 53.09 51.17 52.27	9.7 9.3 10.2 9.3 9.8 9.1 9.8 9.4 10.0 10.3 10.3 10.3 10.3 10.8 10.2 9.0 9.2 9.3 9.5	966A 966B 966C 966C 966C 978A 978B 978B 978C 978B 978F 978F 979A 979B 979A	9.7 9.7 9.5 9.5 9.6 10.1 10.3 10.0 10.0 10.5 10.5 9.1 9.2 9.4	10.2 10.5 10.0
966A 966B 966B 966C 966C 966C 966D 978A 978B 978B 978B 978B 978F 978F 978G 979A 979B 979D 979D	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.17 57.4 67.68 57.71 62.02 62.55 57.88 51.23 55.93 57.23 74.25	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91 52.06 51.17 52.32 51.17 52.32 51.17 52.32 51.17 52.32	9.7 9.3 10.2 9.3 9.8 9.1 9.8 9.4 10.0 10.3 10.3 10.3 10.3 10.2 9.0 9.2 9.5 11.6	966A 966B 966C 966C 966C 978A 978B 978B 978B 978E 978F 978F 979A 979B	9.7 9.7 9.5 9.5 9.5 9.5 9.6 10.1 10.3 10.0 10.0 10.5 10.5 9.1 9.2 9.4 11.8	10.2 10.5 10.0
966A 966B 966B 966C 966C 966C 966D 978A 978B 978B 978C 978B 978C 978B 978F 978G 979A 979A 979A	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.24 69.77 67.17 57.4 67.68 57.71 62.02 62.55 57.88 51.23 55.93 57.23	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91 52.06 55.99 56.77 53.09 46.92 51.17 52.27 66.52 60.85	9.7 9.3 10.2 9.3 9.8 9.1 9.8 9.4 10.0 10.3 10.3 10.3 10.3 10.8 10.2 9.0 9.2 9.3 9.5	966A 966B 966C 966C 966C 978A 978B 978B 978C 978B 978F 978F 979A 979B 979A	9.7 9.7 9.5 9.5 9.5 9.6 10.1 10.3 10.0 10.0 10.5 10.5 9.1 9.2 9.4 11.8 12.0	10.2 10.5 10.0
966A 966B 966B 966C 966C 966C 966D 978A 978B 978B 978B 978B 978F 978F 978G 979A 979B 979D 979D	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.17 57.4 67.68 57.71 62.02 62.55 57.88 51.23 55.93 57.23 74.25	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91 52.06 51.17 52.32 51.17 52.32 51.17 52.32 51.17 52.32	9.7 9.3 10.2 9.3 9.8 9.1 9.8 9.4 10.0 10.3 10.3 10.3 10.3 10.2 9.0 9.2 9.5 11.6	966A 966B 966C 966C 966C 978A 978B 978B 978B 978B 978F 979A 979B 979B 979D 979C	9.7 9.7 9.5 9.5 9.5 9.5 9.6 10.1 10.3 10.0 10.0 10.5 10.5 9.1 9.2 9.4 11.8	10.2 10.5 10.0
966A 966B 966C 966C 966C 966C 978A 978B 978C 978B 978C 978B 978F 978F 978F 978G 979A 979B 979C 979D 979D 988B 988C	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.17 67.17 67.17 67.17 57.4 67.68 57.71 62.02 62.55 57.88 51.23 57.23 57.23 57.23 57.23 57.23	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91 52.06 55.99 56.77 53.09 46.92 51.17 52.27 66.52 60.85	9.7 9.3 10.2 9.3 9.8 9.1 9.8 9.4 10.0 10.3 10.3 10.3 10.3 10.3 10.3 9.7 10.3 10.2 9.0 9.2 9.3 9.5 11.6 12.0 11.9	966A 966B 966C 966C 966C 978A 978B 978B 978C 978B 978F 978F 979A 979B 979A 979B 979C 979B 979C	9.7 9.7 9.5 9.5 9.5 9.6 10.1 10.3 10.0 10.0 10.5 10.5 9.1 9.2 9.4 11.8 12.0 11.9	10.2 10.5 10.0
966A 966B 966C 966C 966C 966C 978A 978B 978C 978C 978B 978C 978B 978F 978F 978G 979B 979B 979D 979D 979D 979D 988A 988A 988B	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.17 67.47 67.68 57.71 62.02 62.55 57.88 51.23 55.93 57.23 74.25 68.18 76.9 78.31	$\begin{array}{c} 64.2\\ 54.81\\ 63.63\\ 60.93\\ 66.85\\ 61.91\\ 61.67\\ 61.48\\ 63.43\\ 60.91\\ 52.06\\ 61.72\\ 52.32\\ 55.99\\ 56.77\\ 53.09\\ 46.92\\ 51.17\\ 52.27\\ 60.52\\ 60.85\\ 68.75\\ 69.96\\ \end{array}$	9.7 9.3 10.2 9.3 9.8 9.1 9.8 9.4 10.0 10.3 10.3 10.3 10.3 10.3 10.3 9.7 10.3 10.2 9.0 9.2 9.3 9.5 11.6 12.0 11.9 11.9	966A 966B 966C 966C 966C 978A 978B 978C 978D 978B 978F 978F 979A 979B 979A 979B 979A 979B 979C 988A 988B	9.7 9.7 9.5 9.5 9.5 9.6 10.1 10.3 10.0 10.0 10.5 10.5 9.1 9.2 9.4 11.8 12.0	10.2 10.5 10.0 9.2 9.4 9.1
966A 966B 966B 966C 966C 966C 978A 978B 978C 978B 978C 978B 978C 978B 978B 978B 978B 978C 978B 979B 979C 979D 988A 988B 988B	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.24 69.77 67.71 67.68 57.71 62.02 62.55 57.88 51.23 55.93 57.23 74.25 68.18 76.9 78.31 81.6	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91 52.06 61.72 52.32 55.99 56.77 53.09 56.77 57.77 53.09 57.77 53.09 56.77 57.77 53.09 56.77 57.77 53.09 56.77 53.09 56.77 57.77	9.7 9.3 10.2 9.3 9.8 9.4 10.0 10.3 10.3 10.3 10.3 10.3 10.8 10.2 9.7 10.3 10.8 10.2 9.5 11.6 12.0 11.9 12.1	966A 966B 966C 966C 966C 978A 978B 978B 978C 978B 978F 979B 979A 979B 979C 979B 979C 988A 988B	9.7 9.7 9.5 9.5 9.5 9.6 10.1 10.3 10.0 10.0 10.5 10.5 9.1 9.2 9.4 11.8 12.0 11.9	10.2 10.5 10.0
966A 966B 966B 966C 966C 966C 978A 978B 978C 978B 978C 978B 978F 978G 978B 979A 979B 979A 979B 979D 979D 988A 988B 988B	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.24 69.77 67.17 57.4 67.68 57.71 62.02 62.55 57.88 51.23 55.93 57.23 74.25 68.18 76.9 78.31 81.6 76.2	$\begin{array}{c} 64.2\\ 54.81\\ 63.63\\ 60.93\\ 66.85\\ 61.91\\ 61.67\\ 61.48\\ 63.43\\ 60.91\\ 52.06\\ 61.72\\ 52.32\\ 55.99\\ 56.77\\ 53.09\\ 46.92\\ 51.17\\ 52.27\\ 66.52\\ 60.85\\ 68.75\\ 69.96\\ 72.79\\ 68.01\\ \end{array}$	9.7 9.3 10.2 9.3 9.8 9.4 10.0 10.3 10.3 10.3 10.3 10.3 10.3 10.2 9.7 10.3 10.8 10.2 9.5 11.6 12.0 11.9 12.1 12.0	966A 966B 966C 966C 978A 978B 978C 978D 978C 978B 978C 978F 979A 979A 979A 979B 979A 979B 979B	9.7 9.7 9.5 9.5 9.6 10.1 10.3 10.0 10.0 10.5 10.5 9.1 9.1 9.2 9.4 11.8 12.0 11.9 12.0 12.1	10.2 10.5 10.0 9.2 9.4 9.1
966A 966B 966B 966C 966C 966D 978A 978B 978B 978C 978B 978C 978B 978C 979A 979A 979A 979A 979A 979D 979D 979D	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.17 57.4 67.68 57.71 62.02 62.55 57.88 51.23 55.93 55.93 57.23 74.25 68.18 76.9 78.31 81.6 76.2 62.82	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91 52.06 52.32 55.99 56.77 53.092 51.17 52.32 51.17 52.32 51.17 52.27 66.52 60.85 68.75 69.96 63.01 57.23	9.7 9.3 10.2 9.3 9.8 9.1 9.8 9.4 10.0 10.3 10.3 10.3 10.3 10.3 10.3 10.2 9.0 9.2 9.5 11.6 12.0 11.9 11.9 12.1 12.0 9.8	966A 966B 966C 966C 966D 978A 978B 978C 978B 978C 978B 978B 978F 979A 979A 979A 979B 979C 988A 988B 988C 988B 988C	9.7 9.7 9.5 9.5 9.6 10.1 10.3 10.0 10.0 10.5 10.5 9.1 9.2 9.4 11.8 12.0 11.9 12.0 12.1 9.9	10.2 10.5 10.0 9.2 9.4 9.1
966A 966B 966B 966C 966C 966D 978A 978B 978C 978B 978C 978B 978B 978B 978B 978B 979A 979B 979B 979B 979D 988A 988B 988C 988B 988B 988B 988B	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 67.72 67.74 67.68 57.71 62.02 62.55 57.88 51.23 57.23 74.25 68.18 76.9 78.31 81.6 76.2 62.85 68.13	64.2 54.81 63.63 60.93 66.85 61.67 61.48 63.43 60.91 52.06 61.72 52.32 55.99 56.77 53.09 54.77 52.27 66.52 60.85 69.96 72.79 68.01 57.23 59.36	9.7 9.3 10.2 9.3 9.8 9.1 9.4 10.0 10.3 10.3 10.3 10.3 10.3 10.3 10.3	966A 966B 966C 966C 966C 978A 978B 978B 978C 978B 978B 978B 978F 979A 979B 979A 979B 979A 979B 979C 988A 988B 988C 988B 988E 988B	9.7 9.7 9.5 9.5 9.6 10.1 10.3 10.0 10.0 10.5 10.5 10.5 9.1 9.2 9.4 11.8 12.0 11.9 12.0 12.1 9.9 10.2	10.2 10.5 10.0 9.2 9.4 9.1 12.0 12.1 11.8
966A 966B 966B 966C 966C 966D 978A 978B 978B 978C 978B 978C 978B 978C 979A 979A 979A 979A 979A 979D 979D 979D	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.17 57.4 67.68 57.71 62.02 62.55 57.88 51.23 55.93 55.93 57.23 74.25 68.18 76.9 78.31 81.6 76.2 62.82	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91 52.06 52.32 55.99 56.77 53.092 51.17 52.32 51.17 52.32 51.17 52.27 66.52 60.85 68.75 69.96 63.01 57.23	9.7 9.3 10.2 9.3 9.8 9.1 9.8 9.4 10.0 10.3 10.3 10.3 10.3 10.3 10.3 10.2 9.0 9.2 9.5 11.6 12.0 11.9 11.9 12.1 12.0 9.8	966A 966B 966C 966C 966D 978A 978B 978C 978B 978C 978B 978B 978F 979A 979A 979A 979B 979C 988A 988B 988C 988B 988C	9.7 9.7 9.5 9.5 9.6 10.1 10.3 10.0 10.0 10.5 10.5 9.1 9.2 9.4 11.8 12.0 11.9 12.0 12.1 9.9	10.2 10.5 10.0 9.2 9.4 9.1
966A 966B 966B 966C 966C 966D 978A 978B 978C 978B 978C 978B 978B 978B 978B 978B 979A 979B 979B 979B 979D 988A 988B 988C 988B 988B 988B 988B	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 67.72 67.74 67.68 57.71 62.02 62.55 57.88 51.23 57.23 74.25 68.18 76.9 78.31 81.6 76.2 62.85 68.13	64.2 54.81 63.63 60.93 66.85 61.67 61.48 63.43 60.91 52.06 61.72 52.32 55.99 56.77 53.09 54.77 52.27 66.52 60.85 69.96 72.79 68.01 57.23 59.36	9.7 9.3 10.2 9.3 9.8 9.1 9.4 10.0 10.3 10.3 10.3 10.3 10.3 10.3 10.3	966A 966B 966C 966C 966C 978A 978B 978B 978C 978B 978B 978B 978F 979A 979B 979A 979B 979A 979B 979C 988A 988B 988C 988B 988E 988B	9.7 9.7 9.5 9.5 9.6 10.1 10.3 10.0 10.0 10.5 10.5 10.5 9.1 9.2 9.4 11.8 12.0 11.9 12.0 12.1 9.9 10.2	10.2 10.5 10.0 9.2 9.4 9.1 12.0 12.1 11.8
966A 966B 966C 966C 966C 978A 978B 978C 978C 978C 978B 978C 978B 978C 978B 978C 978B 978C 979A 979B 979B 979D 979D 979D 979D 979D 979D	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.12 67.67 67.4 67.68 57.71 62.02 62.55 57.88 51.23 55.93 57.23 74.25 68.18 51.23 55.93 57.23 74.25 68.18 81.6 76.2 65.3 65.78 66.01	$\begin{array}{c} 64.2\\ 54.81\\ 63.63\\ 60.93\\ 66.85\\ 61.91\\ 61.67\\ 61.48\\ 63.43\\ 60.91\\ 52.06\\ 61.72\\ 52.32\\ 55.99\\ 56.77\\ 53.09\\ 56.77\\ 53.09\\ 56.77\\ 53.09\\ 56.87\\ 57.27\\ 60.55\\ 69.96\\ 72.79\\ 68.01\\ 57.23\\ 59.94\\ 59.94\\ 59.94\\ \end{array}$	9.7 9.3 10.2 9.3 9.8 9.4 10.0 10.3 10.3 10.3 9.7 10.3 10.8 10.2 9.0 9.7 9.0 9.2 9.3 9.5 11.6 12.0 9.2 9.3 9.5 11.9 12.1 12.0 9.8 10.2 9.8 9.1 9.7 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3	966A 966B 966C 966C 966C 978A 978B 978B 978C 978B 978B 978B 978F 979A 979B 979A 979B 979A 979B 979C 988A 988B 988C 988B 988E 988B	9.7 9.7 9.5 9.5 9.6 10.1 10.3 10.0 10.0 10.5 10.5 10.5 9.1 9.2 9.4 11.8 12.0 11.9 12.0 12.1 9.9 10.2	10.2 10.5 10.0 9.2 9.4 9.1 12.0 12.1 11.8
966A 966B 966C 966C 966C 966C 978A 978B 978C 978B 978C 978B 978C 978B 978C 978B 978B 978C 978B 979C 979D 979D 979D 988A 988B 988B 988B 988B 988B 988B 988B	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.24 69.77 67.71 67.68 57.71 62.02 62.55 57.88 51.23 57.24 57.23 57.24 57.24 57.24 57.25 57.25 57.25 57.25 57.25 57.25 57.25 57.25 57.	64.2 54.81 63.63 60.93 66.85 61.91 61.67 61.48 63.43 60.91 52.06 61.72 52.32 55.99 56.77 53.09 56.77 53.09 56.77 53.09 56.77 53.09 56.52 66.52 60.85 68.75 53.01 57.23 59.63 59.94 55.91	9.7 9.3 10.2 9.3 9.8 9.4 10.0 10.3 10.3 10.3 10.3 10.3 10.2 9.7 10.3 10.8 10.2 9.7 9.5 11.6 12.0 9.5 11.6 12.0 11.9 12.1 12.0 9.8 10.2 9.3 9.5 11.6 12.0 11.9 12.1 12.0 9.8 10.2 9.3 9.5 11.0 9.3 9.5 11.0 9.5 11.0 9.7 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3	966A 966B 966C 966C 978A 978B 978C 978D 978C 978B 978F 979A 979B 979A 979B 979A 979B 979C 988A 988B 988B 988B 988B 988B 988B 988B	9.7 9.7 9.5 9.5 9.6 10.1 10.3 10.0 10.5 10.5 10.5 9.1 9.2 9.4 11.8 12.0 12.1 12.1 9.9 12.0 12.1 9.9 12.2 9.9	10.2 10.5 10.0 9.2 9.4 9.1 12.0 12.1 11.8
966A 966B 966B 966C 966C 966C 978A 978B 978C 978B 978C 978B 978C 978B 978C 978B 978C 979A 979B 979C 979D 988A 988B 988B 988B 988B 988B 988B 988B	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.24 69.77 67.17 57.4 67.68 57.71 62.02 62.55 57.88 51.23 57.23 74.25 68.18 76.9 78.31 81.6 76.2 62.82 65.78 65.78 65.78	$\begin{array}{c} 64.2\\ 54.81\\ 63.63\\ 60.93\\ 61.91\\ 61.67\\ 61.48\\ 63.43\\ 60.91\\ 52.06\\ 61.72\\ 52.32\\ 55.99\\ 56.77\\ 53.09\\ 46.92\\ 51.17\\ 52.27\\ 66.52\\ 60.85\\ 63.96\\ 63.75\\ 69.96\\ 68.75\\ 69.96\\ 68.75\\ 69.96\\ 59.36\\ 59.36\\ 59.36\\ 59.36\\ 59.91\\ 51.86\\ \end{array}$	9.7 9.3 10.2 9.3 9.8 9.4 10.0 10.3 10.3 10.3 9.7 10.3 10.8 10.2 9.0 9.2 9.3 9.5 11.6 12.0 11.9 12.1 12.0 9.8 10.0 11.9 12.1 12.0 9.8 10.0 10.3 9.2 9.3 9.5 11.0 9.2 9.3 9.5 11.0 9.2 9.3 9.5 11.0 9.2 9.3 9.5 11.0 9.5 11.0 9.5 11.0 9.7 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3	966A 966B 966C 966C 978A 978B 978C 978B 978C 978B 978B 978B 978B 978B 978B 979B 979B	9.7 9.7 9.5 9.5 9.6 10.1 10.3 10.0 10.5 10.5 10.5 9.1 9.1 9.2 9.4 11.8 12.0 11.9 12.0 12.1 1.2 10.2 10.2 10.2 10.2	10.2 10.5 10.0 9.2 9.4 9.1 12.0 12.1 11.8 10.1 10.2 9.9
966A 966B 966C 966C 966C 978A 978B 978C 978B 978C 978B 978C 979A 979B 979C 979D 979D 979D 979D 979D 988B 988C 988B 988C 988B 988E 988E 988E 988E 988E 988E 991A 991B 991C 991D	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.17 67.14 67.68 57.71 67.68 57.74 67.68 57.74 67.68 57.71 62.05 55.93 57.23 57.23 57.23 57.23 57.23 57.88 51.23 55.93 57.23 57.88 51.23 55.93 57.23 57.88 51.23 55.93 57.23 57.83 55.93 57.23 57.43 55.93 57.23 57.43 55.93 57.23 57.23 57.23 57.43 55.93 57.24 57.24 57.24 57.24 57.24 57.25	$\begin{array}{c} 64.2\\ 54.81\\ 63.63\\ 60.93\\ 66.85\\ 61.91\\ 61.67\\ 61.48\\ 63.43\\ 60.91\\ 61.67\\ 61.48\\ 63.43\\ 60.91\\ 52.06\\ 61.72\\ 52.32\\ 55.97\\ 53.09\\ 46.92\\ 51.17\\ 52.27\\ 60.85\\ 69.96\\ 72.79\\ 68.05\\ 59.63\\ 59.94\\ 55.9.63\\ 59.94\\ 55.9.63\\ 59.94\\ 55.9.63\\ 59.94\\ 55.9.63\\ 59.94\\ 55.9.63\\ 59.94\\ 55.9.63\\ 59.94\\ 55.9.63\\ 59.94\\ 55.9.63\\ 59.94\\ 55.9.63\\ 59.94\\ 55.9.63\\$	9.7 9.3 10.2 9.3 9.8 9.1 9.8 9.4 10.0 10.3 10.3 10.3 10.3 10.3 10.3 9.7 10.3 10.3 10.2 9.0 9.2 9.3 9.5 11.6 12.0 11.9 11.9 12.1 12.0 11.9 12.1 9.8 9.2 9.2	966A 966B 966C 966C 978A 978B 978C 978D 978C 978B 978F 979A 979B 979A 979B 979A 979B 979C 988A 988B 988B 988B 988B 988B 988B 988B	9.7 9.7 9.5 9.5 9.6 10.1 10.3 10.0 10.5 10.5 10.5 9.1 9.2 9.4 11.8 12.0 12.1 12.1 9.9 12.0 12.1 9.9 12.2 9.9	10.2 10.5 10.0 9.2 9.4 9.1 12.0 12.1 11.8
966A 966B 966C 966C 966C 966C 978A 978B 978C 978B 978C 978B 978C 978B 978C 978B 978C 979D 979B 979C 979D 988A 988B 988B 988B 988B 988B 988B 988B	70.44 59.9 70.1 66.58 73.41 67.56 67.7 67.24 69.77 67.24 69.77 67.17 57.4 67.68 57.71 62.02 62.55 57.88 51.23 57.23 74.25 68.18 76.9 78.31 81.6 76.2 62.82 65.78 65.78 65.78	$\begin{array}{c} 64.2\\ 54.81\\ 63.63\\ 60.93\\ 61.91\\ 61.67\\ 61.48\\ 63.43\\ 60.91\\ 52.06\\ 61.72\\ 52.32\\ 55.99\\ 56.77\\ 53.09\\ 46.92\\ 51.17\\ 52.27\\ 66.52\\ 60.85\\ 63.96\\ 63.75\\ 69.96\\ 68.75\\ 69.96\\ 68.75\\ 69.96\\ 59.36\\ 59.36\\ 59.36\\ 59.36\\ 59.91\\ 51.86\\ \end{array}$	9.7 9.3 10.2 9.3 9.8 9.4 10.0 10.3 10.3 10.3 9.7 10.3 10.8 10.2 9.0 9.2 9.3 9.5 11.6 12.0 11.9 12.1 12.0 9.8 10.0 11.9 12.1 12.0 9.8 10.0 10.3 9.2 9.3 9.5 11.0 9.2 9.3 9.5 11.0 9.2 9.3 9.5 11.0 9.2 9.3 9.5 11.0 9.5 11.0 9.5 11.0 9.7 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3	966A 966B 966C 966C 978A 978B 978C 978B 978C 978B 978B 978B 978B 978B 978B 979B 979B	9.7 9.7 9.5 9.5 9.6 10.1 10.3 10.0 10.5 10.5 10.5 9.1 9.1 9.2 9.4 11.8 12.0 11.9 12.0 12.1 10.2 10.2 10.2 10.2	10.2 10.5 10.0 9.2 9.4 9.1 12.0 12.1 11.8 10.1 10.2 9.9

		Template Ref	(Centre)	Orientation					
Sample #	Length (mm)	Butt (@)	Top (^)	Q, B, or T					
648	5100	-	-	<u>, , , , , , ,</u> T					
661	4900	-	-	В					
693	4800	-	-	В					
615	6100	-	-	В					
504	2700	-	-	Т	1007	3000	H22	E14.5	B
387	3700	-	-	В	1032	5200	H34	G3	В
598	6100	-	-	B	1025	5200	F33	F5	В
468	3100	-	-	B	1009	5400	B33	E4	Q
646	4900	-	-	B	901	5400	-	-	В
669	3700	-	-	T	845	5400	-	-	В
628	3400	-	-	В	896	3100	-	-	В
603	3600	-	-	B	764	4800	O16	?	В
697	4800	-	-	B	729	5500	B1	A1	Т
624	3300	-	-	B	745	5500	H25.5	G9.5	Т
681	4900	-		B	978	4900	13	H32.5	Т
					747	5500	H31	H4.5	Т
581	3700	-	-	T	759	3900	L30	ILLEGIBLE	Т
250	3800	-	-	В	832	5500	H13	125.5	B
446	3100	-	-	T	734	5100	E16	B24	B
382	3100	-	-	T	708	5100	A17	A35	B
630	6100	-	-	В	812	3100	H1	F35	T
622	4900	-	-	В	993	3000	H27	H9	T
679	4800	-	-	В	1016	3000	E3.5	H31	Q
579	3700	-	-	В	707	4300	H13	J23	B
447	3000	-	-	Т	707	4300	F2	G32	B
445	3100	-	-	В	783	3700	G18	H17	T
314	3900	-	-	Т	841		K12	K23	B
330	3900	-	-	Т		3600			B
475	3100	-	-	В	991	3000	H33	1.5	
438	5200	-	-	Т	1012	3300	133	15	B
413	3600	-	-	Т	1347	4900	-	-	<u> </u>
433	3000	-	-	Т	1348	4900	-	-	B
357	3400	-	-	Т	1341	5100	-	-	<u> </u>
356	3300	-	-	В	1006	3000	G2	132	Т
269	3000	-	-	В	966	3000	K9	M26	В
328	3700	-	-	В	1196	3300	L5	J28	Т
281	2800	-	-	В	1049	4800	H16	H19.5	В
218	2800	-	-	T	1242	4800	B2	A1	В
259	5100	-	-	В	1248	5500	H3	G33	В
295	4900	-	-	T	1189	5500	C11	A28	В
248	4800	-	-	Ť	1145	5500	J13	122.5	Т
209	4900	-	-	В	1168	3700	E21	E15	Т
203	5100	-	-	B	1153	4300	O23.5	J11	Q
289	4900	-	-	B	1142	3400	B15	D21	В
289 99	3300	-	-	T	1158	3400	D5	D29	В
		-	-	Q	1133	3400	127	l11	В
111	3000				1141	4400	133.5	12	В
112	3000	-	-	B	1100	3700	119	J15	В
143	5200	-	-	B	1046	5100	J34.5	11	B
205	4900	-	-	B	1172	4900	J8	J25	B
308	5200	-	-	Т	1048	5200	D6	ILLEGIBLE	B
95	2400	-	-	В	1118	4800	133.5	11	T
76	3700	-	-	В	1159	4300	19	K26.5	B
77	3000	-	-	T	1160	3400	G16	H20.5	B
68	3400	-	-	В	822	3200			B
20	3300	-	-	В	1123	3000	-	-	<u> </u>
29	3300	-	-	Т	1123				T
27	4800	-	-	Т		3000	-	-	
30	3400	-	-	Т	1104	5500			B
23	3400	-	-	В	1333	5100	-	-	B
848	4900	-	-	Т	1115	5500	-	-	B
929	3400	-	-	В	1109	5500	-	-	B
927	3700	-	-	Т	1117	5500	-	-	<u>T</u>
852	3700	130	14	В	1044	5200	C27	A12	B
666	3300	A26	E12	В	1053	4900	A3	A30	Q
741	2700	B21	D14	B	1058	4800	130	H4.5	В
850	3600	L8.5	L26.5	B	1061	5200	F6	A28	В
796	3100	H5.5	G29.5	B	1063	5200	J2	G34	Т
790	2700	F34	G29.5 F2	Q	1074	4800	C22	G14	В
1040	5200	H16.5	H20.5	B	1312	5500	K6	K29	В
					730	4800	K2	K0	В
966	3300	H31	G31.5	T	988	4800	E5	F30	T
1001 1039	3700	ILLEGIBLE	J32.5	B T	855	5200	ILLEGIBLE	H15	B
	2800	H5.5	131.5					H11	T

B.3.2 Sample length, sawn orientation and template reference.

A.4. Site 1

A.2.5. Species 1

Species 1	ies 1 Uncorrected MC (%)				ected MC	(%)		Individual Qa	ulity Classes
25mm	Average	Grad	ient	Average		Gradient			get MC of 12%
Sample #	MC _{1/3}	MC _{1/6}	MC _{1/2}	MC _{1/3}	MC _{1/6}	MC _{1/2}	Difference	Average	Gradient
1	10	9.5	10.5	11	10.5	11.5	1	A	A
2	14	13.5	16	15	14.5	17	2.5	В	В
3	13	13	14	14	14	15	1	A	А
4	15	14.5	16	16	15.5	17	1.5	C	А
5	11	11	11	12	12	12	0	A	А
6	14	13	14	15	14	15	1	В	А
7	17	16	19	18	17	20	3	E	В
8	13	13	14	14	14	15	1	A	А
9	14	13.5	15	15	14.5	16	1.5	В	А
10	15	15	17	16	16	18	2	С	А
11	10.5	10	11	11.5	11	12	1	A	А
12	11	11	12	12	12	13	1	A	А
13	11.5	11	12.5	12.5	12	13.5	1.5	A	А
14	10.5	10.5	11	11.5	11.5	12	0.5	A	А
15	10.5	10	11	11.5	11	12	1	A	А
16	9.5	9.5	10	10.5	10.5	11	0.5	A	А
17	13	13	13.5	14	14	14.5	0.5	A	А
18	12	11.5	12	13	12.5	13	0.5	A	А
19	13	12.5	13.5	14	13.5	14.5	1	A	Α
20	11	10	11	12	11	12	1	A	Α
21	13	13	15	14	14	16	2	A	А
22	12	11.5	12.5	13	12.5	13.5	1	A	Α
23	9.5	9	10	10.5	10	11	1	A	Α
24	11	11	11.5	12	12	12.5	0.5	A	Α
25	12.5	12	13	13.5	13	14	1	A	Α
26	9.5	9	10	10.5	10	11	1	A	Α
27	9.5	9	9.5	10.5	10	10.5	0.5	A	Α
28	10	10	10.5	11	11	11.5	0.5	A	Α
29	11	11	12	12	12	13	1	A	Α
30	9.5	9	9.75	10.5	10	10.75	0.75	A	A
31	11	10.5	12	12	11.5	13	1.5	A	A
32	9	8.5	9	10	9.5	10	0.5	A	Α
33	10.5	10	11	11.5	11	12	1	A	A
34	10	10	10.5	11	11	11.5	0.5	A	A
35	10	9	10	11	10	11	1	A	A
36	9	8	9.5	10	9	10.5	1.5	A	A
37	12	11.5	12.5	13	12.5	13.5	1	A	A
38	9	8.5	9	10	9.5	10	0.5	A	A
39	8	8	8.5	9	9	9.5	0.5	В	A
40	9	8.5	9.5	10	9.5	10.5	1	A	А

Overall 90% Class B A

A.2.6. Species 2

Species 2	Uncor	rected MC	(%)	Corre	ected MC	(%)		Individual Qaulity Classes		
25mm	Average	Grad	ient	Average		Gradient		Assuming Tar	get MC of 10%	
Sample #	MC _{1/3}	MC _{1/6}	MC _{1/2}	MC _{1/3}	MC _{1/6}	MC _{1/2}	Difference	Average	Gradient	
1	7.5	7.5	8	8	8	8	0	В	А	
2	10	9.5	10	9	9	9	0	A	А	
3	9	9	10	9	9	9	0	A	А	
4	8	7.5	10	8	8	9	1	В	А	
5	8	8	9	8	8	9	1	В	А	
6	10.5	10.5	12.5	9.5	9.5	10.5	1	A	А	
7	10	10	11	9	9	10	1	A	A	
8	9.5	9	10	9	9	9	0	A	А	
9	11	11	13	10	10	11	1	A	А	
10	11	11	12.5	10	10	10.5	0.5	A	А	
11	9	8.5	10	9	8.5	9	0.5	A	A	
12	9	9	10	9	9	9	0	A	A	
13	10	10	11	9	9	10	1	A	А	
14	9	9	10	9	9	9	0	A	А	
15	8.5	8.5	10	8.5	8.5	9	0.5	A	A	
16	10	9.5	11.5	9	9	10	1	A	А	
17	7	7	8	8	8	8	0	В	A	
18	9	8.5	10.5	9	8.5	9.5	1	A	А	
19	10.5	10.5	13	9.5	9.5	11	1.5	A	В	
20	11.5	11.5	15	10	10	12	2	A	В	
21	10	10	11.5	9	9	10	1	A	А	
22	9.5	9.5	10	9	9	9	0	A	А	
23	10	10	11.5	9	9	10	1	A	А	
24	10.5	10.5	12	9.5	9.5	10	0.5	A	А	
25	12	11.5	13	10	10	11	1	A	А	
26	11.5	11.5	13	10	10	11	1	A	А	
27	10.5	10.5	12.5	9.5	9.5	10.5	1	A	А	
28	10	10	12	9	10	10	0	A	А	
29	11	11	12	10	10	10	0	A	А	
30	9	8.5	9.5	9	8.5	9	0.5	A	А	
31	9.5	9.5	11	9	9	10	1	A	А	
32	10.5	10.5	12	9.5	9.5	10	0.5	A	А	
33	10	10	11.5	9	9	10	1	A	А	
34	10	10	11	9	9	10	1	A	А	
35	9.5	9.5	11	9	9	10	1	A	А	
36	11	11	12	10	10	10	0	A	А	
37	11	11	12.5	10	10	10.5	0.5	A	А	
38	10	9.5	10.5	9	9	9.5	0.5	A	А	
39	12	11.5	13	10	10	11	1	A	А	
40	12	12	13.5	10	10	11.5	1.5	A	В	

Overall 90% Class	Α	Α

A.5. Site 2

B.2.3. Species 1

Species 1	Uncor	rected MC	(%)	Corre	ected MC	(%)	Individual Qaulity Classes		
25mm	Average	Gradi		Average		Gradient		Assuming Tar	
Sample #	MC _{1/3}	MC _{1/6}	MC _{1/2}	MC _{1/3}	MC _{1/6}	MC _{1/2}	Difference	Average	Gradient
1	9.2	9	9.5	11.2	11	11.5	0.5	A	А
2	18	15	20	20	18	22	4	F	С
3	10.4	9.8	11	13.4	11.8	14	2.2	A	В
4	10.2	9.6	11	13.2	11.6	14	2.4	A	В
5	11	10	12	14	13	15	2	A	А
6	8.8	8.6	9	10.8	10.6	11	0.4	A	А
7	9.6	9.4	9.4	11.6	11.4	11.4	0	A	А
8	10.2	9.8	10.4	13.2	11.8	13.4	1.6	A	А
9	10	9.8	9.6	13	11.8	11.6	-0.2	A	А
10	9	8.6	9.2	11	10.6	11.2	0.6	A	А
11	15	14.2	16	18	17.2	18	0.8	E	А
12	11.6	11	12.4	14.6	14	15.4	1.4	В	А
13	13	12.2	14	16	15.2	17	1.8	С	А
14	12.4	11	13.2	15.4	14	16.2	2.2	В	В
15	12.2	11.4	13.2	15.2	14.4	16.2	1.8	В	А
16	10.6	9.4	11.2	13.6	11.4	14.2	2.8	A	В
17	10	9.4	10.2	13	11.4	13.2	1.8	A	А
18	14.2	12.2	15	17.2	15.2	18	2.8	E	В
19	9.8	9.4	10	11.8	11.4	13	1.6	A	А
20	11.2	10.2	12.4	14.2	13.2	15.4	2.2	В	В
21	13	11.6	13.8	16	14.6	16.8	2.2	С	В
22	11.2	10.4	12	14.2	13.4	15	1.6	В	А
23	12.2	11.6	12.2	15.2	14.6	15.2	0.6	С	А
24	10.2	9.2	11	13.2	11.2	14	2.8	A	В
25	13	12	13.8	16	15	16.8	1.8	С	А
26	11	10.4	11	14	13.4	14	0.6	В	А
27	12.2	10.8	14	15.2	13.8	17	3.2	С	С
28	10.4	9	11.6	13.4	11	14.6	3.6	A	С
29	12.2	11.6	13.4	15.2	14.6	16.4	1.8	С	А
30	12.2	11.6	12.8	15.2	14.6	15.8	1.2	С	А
31	12.8	11.8	13.6	15.8	14.8	16.6	1.8	С	А
32	10.8	9.6	12	13.8	11.6	15	3.4	A	С
33	12.4	11.4	13.4	15.4	14.4	16.4	2	С	А
34	11.2	10.4	12	14.2	13.4	15	1.6	В	А
35	10.4	10	10.4	13.4	13	13.4	0.4	A	А
36	9.8	9.4	10	11.8	11.4	13	1.6	A	А
37	11.4	10.4	12	14.4	13.4	15	1.6	С	А
38	9.6	9.2	9.8	11.6	11.2	11.8	0.6	A	А
39	11.2	10.8	11.8	14.2	13.8	14.8	1	С	А
40	9.8	8.8	10.6	11.8	10.8	13.6	2.8	А	В

Overall 90% Class C B

B.2.4. Species 2

Species 2	Uncor	rected MC	(%)	Corre	ected MC	(%)		Individual Qaulity Classes		
25mm	Average	Gradient		Average		Gradient		Assuming Target MC of 12%		
Sample #	MC _{1/3}	MC _{1/6}	MC _{1/2}	MC _{1/3}	MC _{1/6}	MC _{1/2}	Difference	Average	Gradient	
1	14.4	13	14.6	17.4	16	17.6	1.6	E	A	
2	13.2	11.8	14	16.2	14.8	17	2.2	D	В	
3	15.4	12.8	17	18.4	15.8	19	3.2	F	С	
4	14.4	12.6	15.4	17.4	15.6	18.4	2.8	E	В	
5	16.2	13.6	17.6	18.2	16.6	19.6	3	F	В	
6	14.6	13.2	14.8	17.6	16.2	17.8	1.6	E	А	
7	14	11.8	15.2	17	14.8	18.2	3.4	E	С	
8	15.4	13.2	16.2	18.4	16.2	18.2	2	F	А	
9	16.2	13	17.6	18.2	16	19.6	3.6	F	С	
10	14.2	12.2	15.2	17.2	15.2	18.2	3	E	В	
11	15	13.4	15.2	18	16.4	18.2	1.8	E	А	
12	15.2	12.4	16.4	18.2	15.4	18.4	3	F	В	
13	14.6	12.6	16	17.6	15.6	18	2.4	E	В	
14	16	13.2	17.2	18	16.2	19.2	3	E	В	
15	16	14.2	16.2	18	17.2	18.2	1	E	А	
16	16	16	15	18	18	18	0	E	А	
17	16	14.8	16.2	18	17.8	18.2	0.4	E	А	
18	15.6	14.2	16	18.6	17.2	18	0.8	F	А	
19	18	16	18	20	18	20	2	F	А	
20	16	13	16	18	16	18	2	E	А	
21	18	16	18.2	20	18	20.2	2.2	F	В	
22	14.2	12.6	14.4	17.2	15.6	17.4	1.8	E	А	
23	17.4	14.6	18	19.4	17.6	20	2.4	F	В	
24	17	15	14.4	19	18	17.4	-0.6	F	А	
25	16.2	13.2	16.8	18.2	16.2	18.8	2.6	F	В	
26	16.2	12.6	17.6	18.2	15.6	19.6	4	F	С	
27	17.2	13.6	18.2	19.2	16.6	20.2	3.6	F	С	
28	15	12.4	16	18	15.4	18	2.6	E	В	
29	17.8	13	20	19.8	16	22	6	F	E	
30	15	12.6	17	18	15.6	19	3.4	E	С	
31	14.2	12.8	14.2	17.2	15.8	17.2	1.4	E	А	
32	15	13.2	16	18	16.2	18	1.8	E	A	
33	14.2	13.2	14.4	17.2	16.2	17.4	1.2	E	А	
34	14.8	14	15.8	17.8	17	18.8	1.8	E	А	
35	15.6	14	16	18.6	17	18	1	F	А	
36	16	15	16	18	18	18	0	E	А	
37	15.6	14.2	16	18.6	17.2	18	0.8	F	А	
38	15.2	14.2	15	18.2	17.2	18	0.8	F	А	
39	16.2	15.6	16	18.2	18.6	18	-0.6	F	А	
40	15.2	14	16	18.2	17	18	1	F	А	

Overall 90% Class F C

A.6. Site 3

C.3.1. Species1

Species 1	Uncorrected MC (%)			Corre	ected MC	Individual Qaulity Classes Assuming Target MC of 10%			
25mm	Average Gradient			Average					
Sample #	MC _{1/3}	MC _{1/6}	MC _{1/2}	MC _{1/3}	MC _{1/6}	MC _{1/2}	Difference	Average	Gradient
1	7.5	7	7.5	8.5	8	8.5	0.5	В	А
2	8	7.5	8	9	8.5	9	0.5	A	А
3	7.5	7	8	8.5	8	9	1	В	А
4	7.5	7.5	8	8.5	8.5	9	0.5	В	А
5	8	8	9	9	9	10	1	A	А
6	8.5	8.5	9	9.5	9.5	10	0.5	A	А
7	7.5	7	7.5	8.5	8	8.5	0.5	В	А
8	8	7.5	8	9	8.5	9	0.5	A	А
9	8	7.5	8	9	8.5	9	0.5	A	А
10	7.5	7	8	8.5	8	9	1	В	А
11	7.5	7.5	8	8.5	8.5	9	0.5	В	А
12	7	7	7	8	8	8	0	В	А
13	7.5	7.5	8.5	8.5	8.5	9.5	1	В	А
14	7.5	7	8.5	8.5	8	9.5	1.5	В	А
15	7	7	9	8	8	10	2	В	В
16	7	6.5	7.5	8	7.5	8.5	1	В	А
17	7	7	9.5	8	8	10.5	2.5	В	С
18	8	7.5	8.5	9	8.5	9.5	1	A	А
19	7.5	7.5	9	8.5	8.5	10	1.5	В	В
20	7.5	7	9	8.5	8	10	2	В	В
21	7	7	8	8	8	9	1	В	А
22	6.5	6.5	7.5	7.5	7.5	8.5	1	С	А
23	7	6.5	7.5	8	7.5	8.5	1	В	А
24	7	7	7.5	8	8	8.5	0.5	В	А
25	8	8	9	9	9	10	1	A	А
26	7	6.5	7.5	8	7.5	8.5	1	В	А
27	7.5	7.5	8.5	8.5	8.5	9.5	1	В	А
28	7.5	7.5	10	8.5	8.5	11	2.5	В	С
29	9	9	10.5	10	10	11.5	1.5	A	А
30	8	8	9.5	9	9	10.5	1.5	A	А
31	9	8.5	10	10	9.5	11	1.5	A	Α
32	7	7	8	8	8	9	1	В	А
33	7.5	7.5	10	8.5	8.5	11	2.5	В	С
34	8.5	8	10	9.5	9	11	2	A	В
35	7	7	8	8	8	9	1	В	А
36	7.5	7	9	8.5	8	10	2	В	В
37	8	8	10	9	9	11	2	A	А
38	7	6.5	7	8	7.5	8	0.5	В	А
39	7	7	8	8	8	9	1	В	А
40	11.5	11	12	12.5	12	13	1	В	Α

Overall 90% Class B B

C.3.2. Species 2

Species 2	Uncor	rected MC	(%)	Corre	ected MC	Individual Qaulity Classes			
25mm	Average	Gradi		Average		Gradient	Assuming Target MC of 10%		
Sample #	MC _{1/3}	MC _{1/6}	MC _{1/2}	MC _{1/3}	MC _{1/6}	MC _{1/2}	Difference	Average	Gradient
1	7.5	7	8	8	8	8	0	В	А
2	7	6.5	9	8	7.5	9	1.5	В	В
3	7	7	8.5	8	8	8.5	0.5	В	А
4	8	7.5	10	8	8	9	1	В	А
5	8	8	12	8	8	10	2	В	В
6	8	7.5	9.5	8	8	9	1	В	А
7	7	6.5	8	8	7.5	8	0.5	В	А
8	8	8	12	8	8	10	2	В	В
9	6.5	6	7	7.5	7	8	1	С	А
10	13	12.5	14	11	10.5	12	1.5	A	В
11	7	6.5	7	8	7.5	8	0.5	В	А
12	8	8	12	8	8	10	2	В	В
13	8	7.5	9	8	8	9	1	В	А
14	7	6.5	7.5	8	7.5	8	0.5	В	А
15	11	11	13	10	10	11	1	A	А
16	7.5	7	9	8	8	9	1	В	А
17	8.5	8.5	14	8.5	8.5	12	3.5	В	D
18	8	8	12	8	8	10	2	В	В
19	16	15	16	13	12	13	1	В	А
20	14	13.5	15	12	12	12	0	A	А
21	16	15	17	13	12	13	1	В	А
22	8.5	8.5	13	8.5	8.5	11	2.5	В	С
23	7	6.5	7	8	7.5	8	0.5	В	А
24	7	7	10	8	8	9	1	В	А
25	8	7.5	10	8	8	9	1	В	А
26	11	11	14	10	10	12	2	A	В
27	14	13.5	14.5	12	12	12	0	A	А
28	13	13	14.5	11	11	12	1	A	A
29	14	13.5	14.5	12	12	12	0	A	A
30	13	13	15	11	11	12	1	A	A
31	10	9	11	9	9	10	1	A	A
32	14.5	14	16	12	12	13	1	A	A
33	8	8	12	8	8	10	2	В	В
34	7	6.5	8.5	8	7.5	8	0.5	В	А
35	9	9	13	9	9	11	2	A	В
36	12.5	12	13	10	10	11	1	A	А
37	8	8	11.5	8	8	10	2	В	В
38	10.5	10	12.5	9	9	10.5	1.5	A	В
39	13	12.5	15	11	10.5	12	1.5	A	В
40	12	11	13	10	10	11	1	А	А

Overall 90% Class B B

A.7. Site 4

C.4.1. Species 1

Species 1	Uncorrected MC (%)			Corre	ected MC	Individual Qaulity Classes				
25mm	Average Gradient			Average		Gradient		Assuming Target MC of 10%		
Sample #	MC _{1/3}	MC _{1/6}	MC _{1/2}	MC _{1/3}	MC _{1/6}	MC _{1/2}	Difference	Average	Gradient	
1	9	8.5	9.5	10	9.5	10.5	1	A	А	
2	8.5	8.5	9	9.5	9.5	10	0.5	A	А	
3	9	8.5	9	10	9.5	10	0.5	A	А	
4	9	8.5	9	10	9.5	10	0.5	A	А	
5	9	9	9.5	10	10	10.5	0.5	A	А	
6	8	7.5	8.5	9	8.5	9.5	1	A	А	
7	8.5	8	9	9.5	9	10	1	A	А	
8	9.5	9.5	10	10.5	10.5	11	0.5	A	А	
9	8	8	9	9	9	10	1	A	А	
10	8.5	8.5	9	9.5	9.5	10	0.5	A	А	
11	8.5	8	9	9.5	9	10	1	A	А	
12	9	9	9	10	10	10	0	A	А	
13	8.5	8	8.5	9.5	9	9.5	0.5	A	А	
14	8	8	8.5	9	9	9.5	0.5	A	А	
15	9	8.5	9	10	9.5	10	0.5	A	А	
16	9	8.5	9.5	10	9.5	10.5	1	A	А	
17	8	8	8.5	9	9	9.5	0.5	A	А	
18	9.5	9	9.5	10.5	10	10.5	0.5	A	А	
19	9	9	9.5	10	10	10.5	0.5	A	А	
20	9.5	9	10	10.5	10	11	1	A	А	
21	9.5	9	10	10.5	10	11	1	A	А	
22	9	8.5	9	10	9.5	10	0.5	A	А	
23	9	9	9	10	10	10	0	A	А	
24	9	9	9.5	10	10	10.5	0.5	A	А	
25	9	8.5	9	10	9.5	10	0.5	A	А	
26	8.5	8	9	9.5	9	10	1	A	А	
27	8	8	8.5	9	9	9.5	0.5	A	А	
28	9	9	10	10	10	11	1	A	А	
29	9	8.5	9.5	10	9.5	10.5	1	A	А	
30	9	8.5	9	10	9.5	10	0.5	A	А	
31	9	9	9.5	10	10	10.5	0.5	A	А	
32	8.5	8.5	10	9.5	9.5	11	1.5	A	В	
33	8.5	8	9	9.5	9	10	1	A	А	
34	10	10	10	11	11	11	0	A	А	
35	10	10	10.5	11	11	11.5	0.5	A	А	
36	10	9.5	10.5	11	10.5	11.5	1	A	А	
37	9.5	9	9.5	10.5	10	10.5	0.5	A	А	
38	9	9	9.5	10	10	10.5	0.5	A	А	
39	9	8.5	9	10	9.5	10	0.5	A	А	
40	10	9.5	10.5	11	10.5	11.5	1	A	А	

Overall 90% Class A A

C.4.2. Species 2

Species 2	Uncor	rected MC	(%)	Corre	ected MC	(%)	Individual Qaulity Classes		
25mm	Average	Gradi		Average		Gradient	Assuming Target MC of 10%		
Sample #	MC _{1/3}	MC _{1/6}	MC _{1/2}	MC _{1/3}	MC _{1/6}	MC _{1/2}	Difference	Average	Gradient
1	9.5	9	11	9	9	10	1	A	А
2	10	9	10	9	9	9	0	A	А
3	10	9.5	11	9	9	10	1	A	А
4	10	9	10.5	9	9	9.5	0.5	A	А
5	10	9	11	9	9	10	1	A	A
6	8.5	8.5	9	8.5	8.5	9	0.5	В	А
7	10	9.5	10.5	9	9	9.5	0.5	A	A
8	10.5	10	11	9.5	9	10	1	A	А
9	12	11	12.5	10	10	10.5	0.5	A	А
10	9.5	9.5	10.5	9	9	9.5	0.5	A	А
11	10	10	10.5	9	9	9.5	0.5	A	А
12	9.5	9	10	9	9	9	0	A	А
13	10.5	10	11.5	9.5	9	10	1	A	А
14	9.5	9	10	9	9	9	0	A	Α
15	9.5	9	10	9	9	9	0	A	А
16	10	10	10.5	9	9	9.5	0.5	A	А
17	10	10	11	9	9	10	1	A	А
18	10.5	10	12	9.5	9	10	1	A	А
19	10	10	11	9.5	9	10	1	A	А
20	9.5	9	10	9	9	9	0	A	А
21	9	9	10	9	9	9	0	A	А
22	10	9.5	10.5	9	9	9.5	0.5	A	А
23	9.5	9	10	9	9	9	0	A	А
24	10.5	10	12	9.5	9	10	1	A	А
25	12	11.5	13	10	10	11	1	A	А
26	10	9.5	11	9	9	10	1	A	А
27	10	10	10.5	9	9	9.5	0.5	A	А
28	11	10.5	12	10	9.5	10	0.5	A	А
29	10.5	10	11	9.5	9	10	1	A	А
30	11	10.5	12	10	9.5	10	0.5	A	А
31	9.5	9	10	9	9	9	0	A	А
32	11	11	13	10	10	11	1	A	А
33	11	10.5	12	10	9.5	10	0.5	A	А
34	11	10.5	12	10	9.5	10	0.5	A	А
35	9	8.5	10	9	8.5	9	0.5	A	А
36	10	10	10.5	9	9	9.5	0.5	A	А
37	10	10	11	9	9	10	1	A	А
38	10.5	10	11	9.5	9	10	1	A	А
39	11.5	11	12	10.5	10	11	1	A	А
40	10.5	10	11	9.5	9	10	1	A	А
			•			•	•		

Overall 90% Class A A

A.8. Site 5

C.5.1. Species 1

Species 1	Uncor	rected MC	(%)	Corre	ected MC	(%)	Individual Qaulity Classes		
25mm	Average	Gradi		Average		Gradient	Assuming Target MC of 12%		
Sample #	MC _{1/3}	MC _{1/6}	MC _{1/2}	MC _{1/3}	MC _{1/6}	MC _{1/2}	Difference	Average	Gradient
1	10.1	8	12.5	13.1	10	15.5	5.5	A	E
2	10.9	9.1	12.4	13.9	11.1	15.4	4.3	A	D
3	10.1	8.1	12.1	13.1	10.1	15.1	5	A	D
4	11	9.3	13.5	14	11.3	16.5	5.2	A	E
5	10.9	9.2	13	13.9	11.2	16	4.8	A	D
6	10.1	8.4	12	13.1	10.4	15	4.6	A	D
7	10.2	8.5	12.2	13.2	10.5	15.2	4.7	A	D
8	10.1	7.9	12.3	13.1	9.9	15.3	5.4	A	E
9	10	8.1	12	13	10.1	15	4.9	A	D
10	10	9.1	12	13	11.1	15	3.9	A	С
11	10.9	9.8	12.8	13.9	11.8	15.8	4	A	D
12	9	8.3	10.1	11	10.3	13.1	2.8	A	В
13	10.4	9.5	11.8	13.4	11.5	14.8	3.3	A	С
14	8.4	8	8.9	10.4	10	10.9	0.9	A	А
15	8	7.9	8	10	9.9	10	0.1	A	А
16	8.4	8	8.5	10.4	10	10.5	0.5	A	А
17	9.6	7.9	11.3	11.6	9.9	14.3	4.4	A	D
18	9.8	8.5	11	11.8	10.5	14	3.5	A	С
19	9.8	9	11.5	11.8	11	14.5	3.5	A	С
20	11	8.5	13	14	10.5	16	5.5	A	E
21	8.5	8	9.2	10.5	10	11.2	1.2	A	А
22	9.3	9	8.8	11.3	11	10.8	-0.2	A	А
23	9.7	8	11.4	11.7	10	14.4	4.4	A	D
24	10	8.3	12	13	10.3	15	4.7	A	D
25	9.5	8	11.2	11.5	10	14.2	4.2	A	D
26	10.6	9	12.2	13.6	11	15.2	4.2	A	D
27	10.8	9	13	13.8	11	16	5	A	D
28	10.4	8.5	12.2	13.4	10.5	15.2	4.7	A	D
29	9.2	7.4	11.2	11.2	9.4	14.2	4.8	A	D
30	10	9.2	12	13	11.2	15	3.8	A	С
31	11	9.9	11.8	14	11.9	14.8	2.9	A	В
32	9	8.3	10	11	10.3	13	2.7	A	В
33	11.2	10.8	12.1	14.2	13.8	15.1	1.3	В	A
34	12	11.2	12.1	15	14.2	15.1	0.9	В	A
35	10.6	10	11.4	13.6	13	14.4	1.4	A	A
36	11	10.2	11	14	13.2	14	0.8	A	A
37	11	10.5	11.8	14	13.5	14.8	1.3	A	A
38	10.8	10	12	13.8	13	15	2	A	A
39	10.5	10	11	13.5	13	14	1	A	A
40	12	11.3	12	15	14.3	15	0.7	В	A

Overall 90% Class A D