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ELEMENTAL CHEMOSTRATIGRAPHY OF THE THREE FORKS FORMATION, WILLISTON BASIN, NORTH DAKOTA

by

Brian R. Murphy Bachelor of Arts, Thomas Aquinas College, 2009

A Thesis

Submitted to the Graduate Faculty

of the

University of North Dakota

in partial fulfillment of the requirements

for the degree of

Master of Science

Grand Forks, North Dakota December 2014 This thesis, submitted by Brian R. Murphy in partial fulfillment of the requirements for the Degree of Master of Science from the University of North Dakota, has been read by the Faculty Advisory Committee under whom the work has been done and is hereby approved.

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Wayne Swisher Dean of the School of Graduate Studies	
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Department Department of Geology

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Brian R. Murphy December 4, 2014

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ABSTRACT

The Three Forks Formation of the Williston Basin in northwestern North Dakota is an Upper Devonian stratigraphic unit unconformably overlain by the Bakken Formation. It consists principally of dolostone, shale and anhydrite. The Three Forks is a productive tight oil resource play, which in recent years has been increasingly targeted and developed as part of the unconventional Bakken Petroleum System. Core analysis via energy dispersive x-ray fluorescence (ED-XRF) is a non-destructive, high-resolution chemostratigraphic data collection method that has been used here to produce concentration logs which reflect both lithologic heterogeneity and paleoredox conditions for the Three Forks Formation. These geochemical analyses are compared with detailed core descriptions, lithofacies identifications and subsurface maps generated on the basis of tops picked from wireline logs. Such comparisons show that every major stratigraphic surface within the Three Forks Formation is discernable on the elemental chemostratigraphic curves produced in this study. The elemental concentration logs are further used to discuss chemostratigraphic "packages" which are made up of consistently observed, correlatable trends in elemental geochemistry.

CHAPTER I

INTRODUCTION

Geologic Setting

The Williston Basin is a large intracratonic basin underlying significant parts of North Dakota, southeast Saskatchewan, Manitoba, Montana and South Dakota. This roughly elliptical depression measures approximately 475 miles north-south and 300 miles east-west, and has a maximum depth of nearly 16,000 feet in the center, beneath McKenzie County, ND. Due to its mild tectonic history and low subsidence rates, the large scale structural features of this basin are relatively subtle, and generally have either a north or northwest orientation (Gerhard et al., 1982).

The Three Forks Formation (Devonian) conformably overlies the evaporites of the Birdbear Formation (Devonian), and underlies the Bakken Formation (Devonian-Mississippian). A major unconformity exists at the contact between the upper Three Forks and the Bakken near the basin margins, and this unconformity may even continue to the basin center (LeFever et al., 2011). Where present, the Pronghorn Member of the Bakken Formation lies unconformably on the Three Forks Formation top. The Bakken Formation straddles the Devonian-Mississippian boundary, and although there is some disagreement on the exact placement of the system boundary, most agree that the it lies either within the Middle Member or at one of its contacts with the adjacent Upper and Lower Shale Members (Thrasher, 1985; Holland et al., 1987; Hayes, 1985). Farther up-

section, the Upper Bakken conformably transitions into the carbonates of the Madison Group (Mississippian) Lodgepole Formation. With localized exceptions, the successive strata of this interval have an onlapping relationship with each other (LeFever, 1991).

Petroleum Geology of the Williston Basin

Wallace Dow's research (Dow, 1974) on the correlation of source rocks with their corresponding generated oils set the foundation for the modern understanding of the petroleum system. His paper was based on oil and source rock samples taken from several carbonaceous (black) shale intervals within the Williston Basin in North Dakota, where the source, migration pathway, reservoir, trap and seal elements of the petroleum system are largely separated by thick evaporite units (Dow, 1974). He separated a large number of oil samples into three major types. The first (and deepest) of these was a Paleozoic type taken from Ordovician and Silurian reservoirs, which is thought to have been generated from the Winnipeg Group Icebox shale Formation. The second oil type is primarily associated with Mississippian strata and was found in Madison reservoirs. These oils were hypothesized to have been originally generated within the black shales of the Bakken Formation. The third major oil group described by Dow was a Pennsylvanian one that was both generated with and retrieved from the Tyler Formation. By tying major oil types to their associated source rocks, Dow established a framework for the definition of oil source areas within the basin. Dow states that the timing of oil generation and expulsion can be estimated if the history of thermal maturation, source bed volume and organic richness are known.

Burrus et al. (1996) describe the construction and results of a 350-km-long two dimensional model of four major source rock intervals and their respective petroleum

systems within the Canadian portion of the Williston Basin. In this paper the authors attempt to model hydrocarbon generation and migration in this portion of the Williston Basin based on the work of Dow (1974) and other authors. The source rock intervals studied in this computer model include the Ordovician Yeoman (Lower Red River) Formation, the Lower Devonian Winnipegosis Formation, the Upper Devonian-Lower Mississippian Bakken Formation, and the Mississippian Lodgepole Formation. The hydrocarbon source beds are described by the authors as the four most significant ones in their portion of the basin, although it is noteworthy that these do not match up exactly with the three black shale intervals studied by Dow in North Dakota. The authors divide the Williston Basin into a region of lower constant heat flow of 55 mW/m² away from the Nesson Anticline, and a region of higher heat flow and enhanced thermal maturity of 65 mW/m² near this structure. They explain the assumptions made with the construction of this model, and provide their justification for making these assumptions. The subsurface section selected for modeling in their study was chosen for four main reasons. First, it was chosen to intersect the widest variety of known source rock intervals and the greatest number of representative oil pools. Second, the authors chose this section to include areas of normal and enhanced maturity. Thirdly, this area was selected to follow major possible migration pathways. Finally, they wished to avoid regions of significant evaporite dissolution. The disadvantages of the authors' methods and model include the inability to consider realistic three-dimensional oil migration and the exclusion of lesser oil families within the Williston Basin.

Based on the results of this study the authors conclude that Bakken overpressurization is entirely due to oil generation, not compaction disequilibrium or other possible causes. Despite significant over-pressurization and low permeability, the authors conclude that in Saskatchewan natural hydraulic fracturing due to over-pressurization within the Bakken Formation has not occurred. Furthermore, the authors conclude that 85% of Bakken oil has been expelled from the formation, but is not detectable in significant quantities within the Madison Group because of its dispersion into non-detectable quantities. The authors further conclude that Madison pools were primarily sourced from the Lodgepole, with small amounts coming from the Bakken. Additional conclusions include the pyrolitic characterization of the four oil source rocks studied, the segregation of petroleum systems into the four corresponding sources, and a better understanding of both the capabilities and limitations of two dimensional petroleum system models.

The Bakken-Three Forks Petroleum System

The Three Forks and Bakken Formations are currently being developed as a large scale unconventional (low permeability and overpressured) oil resource play. It is generally accepted that oils produced from both the Bakken and the Three Forks

Formations were originally generated in the Bakken Formation (Petty, 2014; Gaswirth et al., 2013; Bottjer et al., 2011). In the central portion of the Williston Basin, both Bakken and Three Forks reservoirs are overpressured (Bottjer et al., 2011). Reservoir quality (in terms of porosity and permeability) is low for both. Porosity for the Middle Member of the Bakken Formation is around 7%, and permeability is often less than 0.5 millidarcies. Similarly, for the Three Forks porosity ranges from 4.3% to 8.9% on average, and permeability can be less than 0.1 millidarcies (Petty, 2014). For these reasons, economically feasible production rates are not attainable using conventional drilling and

completions methods. While overpressurized conditions and high oil saturations are crucial, the horizontal drilling of very long (10,000 ft) laterals and multi-stage hydraulic fracturing (37 stages or more) are generally necessary. The latter in particular is critical due to the fact that such completions dramatically increase the effective well-bore radius of a typical well (Jabbari & Zeng, 2012).

Petty (2014) describes the reservoir facies of the upper Three Forks Formation in terms of their mineralogical and petrological controls on hydrocarbon saturation. He defines two end-member reservoir rock types, a tan sandy dolostone and a green silty dolomitic shale. A third lithology is intermediate between these two, and includes interbedded and brecci ated facies. On average, core analyses show that the dolostone end-member has better porosity, permeability and hydrocarbon saturation. This is at least partially because the green silty dolomitic shale is more prone to retaining its water-wet character (Petty, 2014).

Study Area

The study area for this thesis is located in western and north-western North

Dakota. It includes all of Divide and Williams Counties, in addition to parts of Burke,

Mountrail, McKenzie and Dunn Counties (Figure 1). This region covers much of the

central portion of the Williston Basin. It extends upwards towards the basin flank to the

northwest, and includes most of the Nesson Anticline. This particular area allowed for the

selection of several cores that are representative of the "complete" Three Forks section,

from the base of the Bakken Formation to the top of the Birdbear (Nisku) Formation. The

cores studied were usually around 300 feet long or longer, and usually included most if

not all of the overlying Bakken Formation in addition to small portions of the Lower Lodgepole and upper Birdbear (Nisku) Formations.

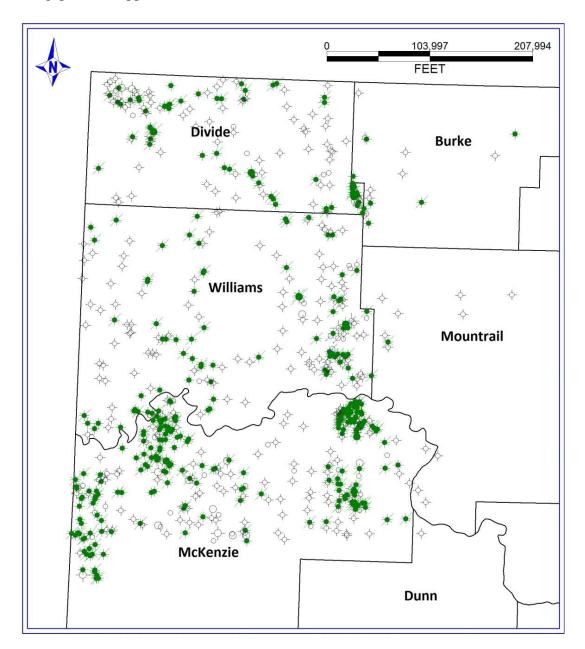


Figure 1. Map of study area in Western North Dakota with wells

Previous Work

Although a significant amount of work has been completed on the rocks of the Three Forks Formation, much of it has involved outcrops in Montana and subsurface Canadian equivalents, referred to there as the Torquay Formation of the Three Forks Group. Christopher (1962) wrote extensively on this stratigraphic unit, and resolved major disagreements regarding nomenclature among previous studies. He also reconciled the many pre-existing outcrop studies with the subsurface work he completed involving core, drill cuttings and well logs.

In two reports, Christopher (1961 and 1962) provided a detailed analysis of the Torquay, Big Valley and Bakken formations of southern Saskatchewan. The author listed three objectives to these papers: to delimit and correlate the formations studied, to discuss the development of the basin and its effects on deposition and structural features, and to outline regional hydrocarbon prospects. The first part of the paper (Christopher, 1962) is devoted to describing the work of previous authors and the confusion resulting from inconsistent usage of the name "Three Forks Formation", both in outcrops in Montana and in the subsurface. He then made the case for a redefinition of terms, so that the "Three Forks Group" includes the Torquay, Big Valley, and Bakken formations. Of these, the Torquay is the stratigraphic equivalent of the North Dakota Three Forks Formation, while the Big Valley Formation is stratigraphically equivalent to the Pronghorn Member of the Bakken. This laid the groundwork for the rest of the study and allows him to use these stratigraphic terms without ambiguity.

Christopher then proceeded to describe the lithology, depositional history and environments, stratigraphy and structure of these formations. In his section on structure,

Christopher ties together the subsidence history of the Williston Basin with salt collapse and the resulting drape fold structures. Throughout the paper he used structural features in his interpreted depositional histories. He concluded the paper with a section on future economic prospects for hydrocarbon production.

In a third paper, Christopher (1963) went into greater detail describing the geologic and geochemical processes responsible for the oxidation and reduction colors and weathering features of the Three Forks Group in Canada. He attributed the internal brecciation of the Torquay (Three Forks) Formation to processes of intraformational weathering acting under conditions of alternating oxidation and reduction.

Dumonceaux (1984) completed her Master's thesis on the stratigraphy and depositional environments of the Three Forks Formation in western North Dakota at a time when there was significantly less Three Forks core than is currently available. She defined 5 lithofacies within the Three Forks. These were based on rock type, sedimentary structures and trace fossils, when present. She mapped the formation in the subsurface based on well log signatures, and divided the Three Forks into 4 informal units, or "cycles". In addition to this, the author described the thickness variations, major structural features, and areal extent of the Three Forks in western North Dakota.

Nicolas (2006, 2007) analyzed numerous Three Forks cores from Manitoba, and divided the Formation into four units with several further subdivisions. She described the Three Forks as a cyclical transgressive-regressive sequence. A significant portion of her work involved the reservoir characterization of Sinclair Field in Manitoba.

In a paper written in the form of a follow-up to Berwick's (2008) Master's thesis on the "Sanish", Berwick and Hendricks (2011) described a number of cores from the

Devonian upper Three Forks to Lower Bakken interval in western North Dakota. Their study area included parts of the counties of Burke, Divide, McKenzie, Mountrail and Williams. They discussed the lithostratigraphy and inferred depositional environments for this interval. Their lithofacies included four (A-D) from the upper Three Forks Formation, four from what they call the "Grassy Butte Member" of the Lower Bakken Formation, and one for the Lower Bakken shale.

The authors' upper Three Forks Lithofacies A consists of a red silty shale and siltstone. The authors stated this lithofacies was deposited in a continental sabkha environment. The distinctive red color of this lithofacies was likely a result of oxidation which occurred during periods of subaerial exposure. Lithofacies B is a dark greenish gray to medium dark gray dolomitic shale with rip-up clasts created during very shallow marine reworking.

Berwick and Hendricks' upper Three Forks Lithofacies C is a highly deformed and brecciated silty and sandy dolostone and gray-green shale. The authors conclude that this lithofacies, like Lithofacies A above it, was deposited in a tidal flat and sabkha environment. They note that soft sediment deformation, desiccation and brecciation prevent the identification of primary and secondary sedimentary structures. The authors gave an interpretation of the processes they believed accounted for the features of Lithofacies C which involves a repeated processes of desiccation and flooding. Lithofacies D is essentially a better preserved version of C, with many more diagnostic structures still present.

The "Grassy Butte Member" lithofacies 1-4 range from bioturbated siltstone and fine grained sandstone to various silty, shaly limestones. Lithofacies 1 of this member is

probably the "Sanish" sandstone. The authors concluded with a standard description of the Lower Bakken black shale.

In his 2010 Master's Thesis, Gantyno (2010) sought to establish a foundation for the sequence stratigraphic understanding of the Three Forks Formation. He defined 11 lithofacies, 5 facies associations and 9 microfacies based off of the examination of 21 Three Forks cores and thin section sets. Based on this analysis, Gantyno concluded that the lower and middle portions of the Three Forks Formation consist primarily of supratidal sabkha deposits, while the upper Three Forks was deposited in an intertidal and occasionally open marine setting. From the microfacies analysis the author stated that the major diagenetic features include authigenic dolostone, anhydrite, and pyrite, in addition to illite and chlorite cement. In addition to these facies descriptions, Gantyno identified several major sequence stratigraphic surfaces.

Egenhoff et al. (2011) presented a climate process-orientated model of reservoir facies sedimentology in the Three Forks Formation of the Williston Basin. The 6 facies they recognized include terrestrial paleosols, subaerial gravity flows as well as sabkha, intertidal, peritidal and subtidal deposits.

In an abstract presented at a 1999 convention of the Canadian Society of
Petroleum Geologists, Lake, (1999) discussed the stratigraphy, depositional environments
and tectonic influences on structure for the Three Forks Group of southeast
Saskatchewan. He also discussed the derivation of oxidation and reduction colors in the
Torquay (North Dakota Three Forks equivalent) Formation in terms of the influx of
alternating reducing and oxidizing oceanic waters during the time of Bakken deposition.

In reviewing the Torquay within two drill cores, Lake described "debris flow" breccias, as well as mudstone and sandstone rip-ups.

Relevant Studies Involving Elemental Chemostratigraphy

Elemental chemostratigraphy involves the use of elemental (as opposed to isotopic or mineralogical) geochemical data to subdivide sedimentary rock intervals into identifiable and mappable units, based on observed trends in elemental data. A number of previous studies have involved elemental chemostratigraphy, and many have focused on unconventional resource plays within the United States (Rowe et al. 2009, Nakamura 2013, Attar 2013, Ratcliffe at al. 2012, Sano at al. 2013). This project differed from many of these in several ways. First, while many similar studies involved the characterization of stratigraphic intervals with high levels of organic richness throughout, this thesis focuses on the Three Forks Formation, which is organically poor. Secondly, although the stratigraphic code (Salvador, 1994) does not provide guidelines for the formal definition of chemostratigraphic units, some authors introduce new informal stratigraphic units based on observed trends in elemental geochemistry. A number of different lithostratigraphic subdivisions of the Three Forks Formation have been introduced previously (Christopher 1961, Nicolas 2006, Gantyno 2010). While it would be possible to introduce a new system of subdivision based on the elemental data collected in this project, it was decided rather to discuss the geochemical data within the context of previously introduced subdivisions for the sake of clarity and simplicity.

In her Colorado State University Master's thesis, Attar (2013) described the regional stratigraphy, elemental chemostratigraphy and organic richness of the Upper Cretaceous Niobrara Member of the Mancos Shale in Colorado. By analyzing drill

cuttings from a number of well, she was able to subdivide the Niobrara into seven correlatable chemostratigraphic units. Furthermore, the enrichment of certain redox-sensitive trace elements in the Niobrara was compared to relative increases in well log based TOC (total organic carbon) estimates. These estimates involved the use of the delta log R method (Passey et al. 1990), in which resistivity and sonic logs are scaled and overlain in such a manner so as to identify organic rich zones and estimate their TOC. Finally, Attar used concentrations of calcium (as a proxy for calcite) and aluminum (as a proxy for clay minerals) in order to identify mechanically brittle and ductile zones respectively.

Nakamura (2013) presented a study in which high resolution carbon isotope stratigraphy was combined with elemental chemostratigraphy in analyzing cores from the Greenhorn, Carlile and Niobrara Formations of the Denver Basin. Carbon isotope chemostratigraphy was used to develop a better local and regional chronostratigraphic framework for this interval. The elemental chemostratigraphic data was collected using handheld x-ray fluorescence, and was used to divide this late Cretaceous interval into chemostratigraphic packages. Furthermore, it was shown that the observed trends and patterns in elemental data correspond to observable changes in mineralogy and lithology.

Methods and Workflows

The methods used in this thesis included standard lithostratigraphic correlations, mapping and core descriptions as well as the collection, processing and presentation of geochemical data for chemostratigraphic purposes. Well log correlations were based on distinctive, widely mappable signatures seen on the gamma ray log. This involved picking tops for five widely mappable sub-units within the Three Forks Formation, the

four formal members of the overlying Bakken Formation, and the tops of the Birdbear and Duperow Formations; although the focus of this study was the Three Forks Formation, tops were picked for these other units for comparison and stratigraphic context.

Core descriptions were based on drill cores stored in the North Dakota Geological Survey's Wilson Laird Core and Sample Library, located on the University of North Dakota campus. Clear and unequivocal description of the rocks of the Three Forks Formation is challenged by several factors. Nearly all of the sediments found in this interval are very fine grained (0.0625 mm) or smaller, and so it is generally difficult to differentiate clastic lithologies on the basis of grain size. Another complication arises from the fact that the Three Forks contains significant amounts of siliciclastic, carbonate, and even evaporite minerals. For these reasons, it was necessary to use terminology that specifies for a given rock type whether or not carbonate minerals were detected, whether the sample contained any sand (i.e. particles greater than 0.0625 mm in diameter), and if possible, whether the siliciclastic portion of the rock was primarily quartz or clay.

Experimental Setup

The x-ray fluorescence instrument used in this project is the Bruker Tracer IV-SD. This instrument has multiple energy level settings, filters and sample times which allow for a wide range of unique detector sensitivities. For this reason it was necessary to establish a standard workflow to be used for all chemistry analyses. A SOP (standard operating procedure) describing the methods used in collecting geochemical data from core samples is given in detail in Appendix C of this thesis.

Rowe et al. (2012) completed a study in which they designed a calibration for ED-XRF sampling specifically for increased accuracy in detecting major and trace elements in a wide range of fine grained sedimentary rocks. The instrument used in this current thesis was the same model, and used a similar calibration. Each core was analyzed at one foot intervals for both major and trace elements, using a minimum 60 second sampling time. In addition to this regular interval sampling technique, several cores had samples taken selectively within the one-foot grid, in order to obtain a better sense of the variability of different rock types. All elemental curves and other information shown in the body of this thesis, however, are based on regular one foot interval sampling in order to remove sampling bias.

Two settings were used in this thesis; one for major elements and the other for trace elements. An instrument current of 55 μ A and a voltage of 15 keV was used for analyzing major elements, and a current of 16.3 μ A and a voltage of 40 keV was used for trace elements. In addition to this, a titanium-aluminum filter was used for major element analysis, but no filter was used for trace elements. Finally, a vacuum pump was attached to the instrument for major element analysis, but no pump was used for trace settings. The major elements settings detect a range of elements including Mg, Al, Si, P, S, K, Ca,

Ba, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, and Zn. There is some overlap between the two settings; the elements detected with trace element settings include Ca, Ba, Ti, Cr, Mn, Fe, Co, Ni, Cu, Zn, Ga, As, Pb, Th, Rb, U, Sr, Y, Zr, Nb, and Mo.

CHAPTER II

REGIONAL STRATIGRAPHY

Core Descriptions

Four complete Bakken-Three Forks cores were described for this project.

Although the primary focus of this thesis was the Three Forks Formation, many of the cores analyzed included parts of the Bakken, Lodgepole and Birdbear Formations for context. When present, three informal units were described for the lower Lodgepole Formation (the section of Lodgepole above the "False Bakken", the "False Bakken" and the Scallion unit), four members (the Upper, Middle, Lower and Pronghorn) for the Bakken, five units (numbered units 1 through 5 from bottom to top) for the Three Forks Formation, and one for the upper Birdbear (Nisku). In the following paragraphs, a generalized description is given of these units as observed in core.

The sections of lower Lodgepole observed in core above the False Bakken and Scallion generally consisted of gray and dark gray lime mudstone. The "False Bakken" is a section of dark, sometimes black, organic rich calcareous shale. It is very similar in appearance to the Upper and Lower Shale Members of the Bakken Formation, but unlike these it has detectable amounts of calcite. It directly overlies the Scallion member, a crinoidal lime wackestone with clay drapes and occasional trace amounts of glauconite.

The Upper and Lower Members of the Bakken Formation are fissile, black, noncalcareous organic rich shales. Apart from common pyrite laminae, trace fossils and rare mineralized fractures, these shales are relatively structureless. Underlying the Upper Member, the Middle Bakken was observed to consist of a range of fine grained clastic, carbonate, and mixed clastic carbonate lithofacies. These include a range of fine grained sandstones, dolomitic and limey siltstones, fossil bearing wackestones, and occasionally oolitic grainstones.

The individual sub-units of the Three Forks Formation were described by Dumonceaux (1984) as "cycles" insofar as these units, particularly in the upper Three Forks, generally show a repeated succession of facies shifts from shalier to cleaner zones. Unit 5, which was observed to immediately underlie either the Pronghorn or Lower Member of the Bakken Formation, consists of interbedded dolarenitic siltstone and very fine grained sandstone with green or occasionally red shale. This interbedded sequence lies above a more massive dolostone which is often partially brecciated. The upper portion of unit 4 consists of a brownish green shale with small, faint clasts of dolomitic siltstone. This overlies a cycle similar to unit 5, consisting of interbedded shale and dolarenite, more massive (i.e. non-interbedded) sections of shale and dolostone, and dolostone breccias in a shale matrix. Intraformational breccias were generally more commonly observed in this lower portion of unit 4 than in unit 5. Unit 3 is a very distinctive, massive dark red oxidized silty shale unit, which in some cores transitions into more of a brownish or greenish shale. Sections of this unit rarely contain small clasts of a lighter colored limestone. Units 2 and 1 of the Lower Three Forks are dominated by sections of anhydrite in a dolomitic green or red shale matrix. Thinner sections of chicken wire anhydrite, as well as interbedded and brecciated dolostone, also occur.

Lithofacies

In terms of basic rock types, the Three Forks Formation consists of dolostone, shale and anhydrite. Of these, the dolostone in the Three Forks can often best be described as a very fine grained dolomitic sandstone, or "dolarenite" (Christopher, 1962). Although there are variable quantities of other constituents (such as very fine sand, silt, pyrite and several cement types) each lithofacies consists of some combination of these three lithologies. The basic depositional model suggested by most authors is a broad, shallow gradient tidal flat system (Figure 11). In tidal flat models, depositional processes and their respective lithofacies are to a large degree defined by the proportions of different rock types and their distribution. Depositional lithofacies are therefore best differentiated on the basis of the rock types present and the sedimentary structures they display. Oxidation and reduction states, which may be either depositional or diagenetic, as well as authigenic mineralization and other diagenetic features, are also accounted for in the following lithofacies descriptions.

Lithofacies A consists of thinly interbedded very fine grained tan dolarenite or dolomitic siltstone and green claystone (Figure 2). This facies is one of the primary reservoir rocks in the Three Forks Formation (Petty, 2014). Desiccation features are common, and include mudcracks, clay dewatering structures and brecciation features. Other soft sediment deformation structures include syneresis cracks, flame structures, load casts and micro-faulting. Flow related structures include small scale climbing ripples, symmetrical wave ripples, reactivation surfaces and flute casts. Authigenic pyrite is a common diagenetic feature, and is generally cuboid, or more rarely, framboidal. Less common dolomite recrystallization is another sign of diagenesis.



Figure 2. Three Forks Lithofacies A. (Core depth of 9703', NDIC Well #18101, API #33-061-01027-00-00, SESE 11-151-91)

Lithofacies B is comprised primarily of a tan, non-interbedded dolostone and dolarenite which sometimes has a slightly brecciated appearance (Figure 3). Associated structures include small scale crossbedding with very fine clay drapes, reactivation surfaces and current ripples. Authigenic dolomite recrystallization is most common in this facies, and pyrite is the other major diagenetic feature. Lithofacies C often transitions into Lithofacies D with an increase in dolostone brecciation and clay content.

Lithofacies C is a massive green to brownish green shale (Figure 4). This facies sometimes contains occasional granule sized intraclasts of dolostone or dolomitic siltstone suspended in the shale matrix. While this lithofacies is generally a distinctive green color, it occasionally transitions to a brownish green or brown over a given section. It is generally moderately indurated. For the most part this facies lacks noteworthy sedimentary structures due to its fine grained and monolithologic characteristics. Apart from variable degrees of reduction, diagenetic features in Lithofacies C are generally limited to authigenic pyrite crystallization. Framboidal forms of pyrite were not frequently observed in this facies.

Lithofacies D is a dolostone breccia in a (clay/silt) mud matrix (Figure 5). These dolostone clasts range in diameter from cobble (up to 100 mm) to granule (2-4 mm) sized fragments. These clasts are either mud or grain supported. Unlike lithofacies E, this facies lacks readily identifiable signs of debris flow or predominant current. The clasts of dolostone observed in this facies are usually angular and very poorly sorted. Trends in clast size were observed to be coarsening upward for the most part. Sedimentary structures are generally limited to the better preserved dolostone clasts, and are similar to



Figure 3. Three Forks Lithofacies B. (Core depth of 9732' NDIC Well #18101, API #33-061-01027-00-00, SESE 11-151-91)



Figure 4. Three Forks Lithofacies C. (Core depth of 9736', NDIC Well #18101, API #33-061-01027-00-00, SESE 11-151-91)



Figure 5. Three Forks Lithofacies D. (Core depth of 9789', NDIC Well #18101, API #33-061-01027-00-00, SESE 11-151-91)

the structures seen in dolostone in lithofacies A and C. This lithofacies exhibited both green and red oxidation colors, but the former was more common.

Lithofacies E consists of intermixed dolostone and shale with structures that indicate debris and fluid flow. Diagnostic features of this facies include the presence of imbricated rip-up clasts of shale or dolostone, as well as mud streaklines reflecting fluid flow (Figure 6). Such signs of flow in Three Forks core were described in cores from southeast Saskatchewan by Lake (1999) as debris flow breccias. As with lithofacies D, most of the original sedimentary structures have been destroyed in this facies. That said, some of larger and better preserved dolostone clasts still contain many of the features seen in the dolostone of lithofacies A and C. These include uni- and bi-directional ripple marks and very small scale crossbedding, thin clay drapes and various soft sediment deformation features.

Lithofacies F is a massive dark red silty shale that occasionally contains small granules of dolostone and siltstone (Figure 7). This facies is most prominent in the middle Three Forks, and is the dominant lithofacies in unit 3, reaching thicknesses of 10 feet in this unit. While other sections of the Three Forks are similarly heavily oxidized, this lithofacies generally stands out due to its darker red color and massiveness.

Sedimentary structures are absent, and the scattered dolostone clasts found in this facies are granule sized as a rule, and too small and weathered to retain any discernable structures.

Lithofacies G is interbedded layers of shale, dolostone and anhydrite (Figure 8).

This facies is markedly similar to lithofacies A in that it contains green shale interbedded with dolostone, and furthermore has many of the same sedimentary structures. The



Figure 6. Three Forks Lithofacies E with mud streaklines around dolostone breccia. (Core depth of 11416', NDIC Well #18101, API #33-061-01027-00-00, SESE 11-151-91)



Figure 7. Three Forks Lithofacies F. (Core depth of 9810', NDIC Well #18101, API #33-061-01027-00-00, SESE 11-151-91)



Figure 8. Three Forks Lithofacies G. (Core depth of 9836', NDIC Well #18101, API #33-061-01027-00-00, SESE 11-151-91)

presence of anhydrite is the main differentiating factor, as is the fact that Lithofacies G is only observed in the lower Three Forks (i.e. below unit 3). Lithofacies A, however, is primarily present in the upper Three Forks, and only appears in thin (1-2 feet or thinner) intervals in the lower units of the formation. The anhydrite of lithofacies G usually appears as thin interbeds, although it sometimes has an enterolithic appearance.

Lithofacies H includes both red (oxidized) and green (reduced) shale mudstone (Figure 9). This mudstone commonly contains nodular, enterolithic and granular anhydrite. Although it is generally lacking in any detectable carbonate component, this mudstone is occasionally dolomitic or calcareous. The anhydrite is generally whit e or yellow, although it sometimes has a brownish or greenish hue, taking on the color of surrounding mudstone. The shale mudstone in this facies is massive and structureless. Diagenetic features include cuboid and rarely dodecahedral authigenic pyrite grains as well as redox related color mottling.

Lithofacies I consists of beds of mosaic and "chicken wire" anhydrite (Figure 10). Thin strings of both red and green claystone also occur in trace amounts. This facies is almost entirely confined to isolated zones within the lower Three Forks, and is also typical of the interval directly beneath the Three Forks-Birdbear contact, although there it is assigned to the Birdbear Formation. Continuous beds of anhydrite in the Three Forks are generally no more than three feet thick. While in much of the Three Forks anhydrite may not be present in large enough quantities to cause significant gamma ray log curve deflection, these thicker continuous beds can occasionally cause a noticeable drop in the gamma ray signal. This can be confirmed with Figure 20, where a very thin but significant drop in gamma ray signal corresponds directly with a very large spike in

sulfur content. Examination of the core taken from this interval confirms that a continuous one foot bed of anhydrite is present at this point.



Figure 9. Three Forks Lithofacies H. (#18101 core depth 9842', NDIC Well #18101, API #33-061-01027-00-00, SESE 11-151-91)



Figure 10. Three Forks Lithofacies I - Bed of "chicken wire" anhydrite in the lower Three Forks. (Core depth of 11504' corresponding to a log depth of 11510', NDIC Well #18101, API #33-061-01027-00-00, SESE 11-151-91)

Associated Depositional Environments

The following section on depositional environments of the major Three Forks lithofacies is partially a discussion of some of the differing explanations previously introduced by several authors. In addition to this, suggestions are made as to the deduction of depositional environments based on the rock types, structures, textures and features observed in the preceding depositional lithofacies. While many of these depositional environments can be interpreted with a high degree of certainty, in some cases there is the possibility of more than one explanation for the rock characteristics observed in core. In such cases, attempts have been made to clearly delineate the available explanations and weight their respective merits and defects. As is often the case in geology, it is necessary to maintain multiple working models and lines of thought.

The depositional environment assigned to Lithofacies A, which consists of interbedded tan dolarenite and green claystone, is a middle intertidal zone flat. This is primarily deduced from the interbedding of green claystone with the denser and slightly coarser dolarenite and dolomitic siltstone that is typical of this facies. Such interlayered rock types, with bedding ranging from flaser to wavy, indicate regular changes in water depth. The prevalence of desiccation features such as mud cracks and desiccation related brecciation is likely a result of periodic subaerial exposure. Syneresis cracks, which generally occur during subaqueous dewatering of clay minerals, may reflect changing salinity levels during or shortly after deposition (Burst, 1965).

Lithofacies B, which consists of massive to partially brecciated tan dolostone and dolomitic siltstone, was likely deposited in a lower intertidal to subtidal environment.

This facies, unlike the preceding Lithofacies A, is dominated by dolostone, which was

likely deposited in a deeper, higher energy environment than the green claystone. The presence of partial brecciation accompanied by thin clay layers between clasts supports the idea that these sediments were primarily deposited in deeper water, but were subsequently exposed to calmer, shallower intertidal conditions and even subaerial exposure.

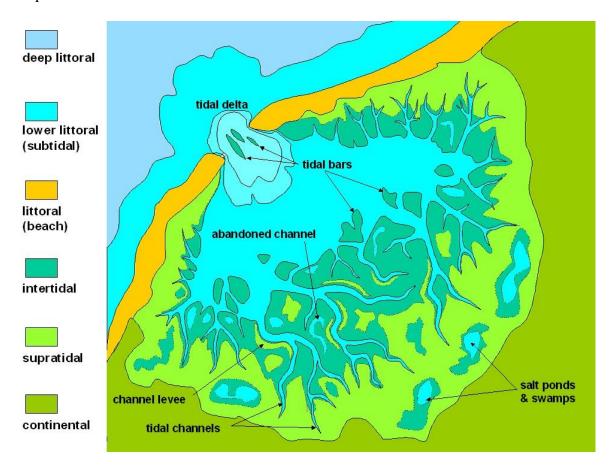


Figure 11. General map of the tidal flat depositional model. While this illustration includes the elements of a beach barrier and a tidal delta with pronounced bars, these do not play a significant role in the Three Forks depositional model. Rather, it is generally thought that tidal facies would have gradually transitioned into shallow marine ones (Public domain image modified from Foxbat deinos, 2009).

The massive green shale of Lithofacies C was deposited in a calm, low energy environment. Given its adjacency to tidal facies and distinctive green (reduced) color, a low energy, stagnant peritidal pond or swamp environment is assigned to this facies.

Reducing conditions within this environment would have led to the observed green reduction colors as well as the precipitation of certain redox sensitive trace elements, as discussed below (see Chapter III).

The mud supported dolostone breccias of Lithofacies D were likely deposited in an environment similar to Lithofacies A or B. The subsequent brecciation could either be attributed to some type of debris flow such as a storm deposit (Gantyno, 2010), to evaporite dissolution related collapse, or to subaerial exposure, weathering and erosion (Christopher, 1962). In some parts of the Lower Three Forks, dolostone is found along with remnants of evaporite minerals, as with Lithofacies G. In these cases dolostone brecciation appears to have at least partially been caused by anhydrite dissolution. Lithofacies D, however, is likely not a collapse breccia as it does not show signs of dissolution. The storm deposit/debris flow explanation is not used here for Lithofacies D, because this facies does not bear signs of fluid flow. A further issue with the storm deposit hypothesis is the very low gradient, shallow water environment during Three Forks time, which would have been necessary for the widely distributed facies. Such a shallow gradient would have prevented the movement and deposition of breccia clasts via density flow, as in turbidity currents. These considerations, in addition to evidence of varying degrees of periodic sub-aerial exposure in the Three Forks (Christopher, 1961; Egenhoff et al. 2011), have led to the adoption of the hypothesis that brecciation in Lithofacies D is due to post-depositional weathering. While it is possible that this brecciation was produced by the dissolution of pre-existing evaporite minerals, the absence of any such minerals or their associated trace elements (i.e. strontium) seems to preclude this explanation. Furthermore, within the context of a tidal and peri-tidal

depositional model, the indications of fluid flow within the Three Forks could also be attributed to small tidal channels passing through weathered and brecciated areas of underlying rock.

Lithofacies E, however, is distinguishable from the preceding facies in that it bears recognizable signs of fluid flow. These signs include imbricated rip-ups, and clay streaklines around intraclasts (Figure 6). These indications of flow, however, are not strictly interpreted as signs of storm activity. While this may be possible, there are alternatives that are more consistent with the necessarily low gradient slope, evidence of subaerial exposure and weathering seen throughout the Three Forks Formation. Such alternatives include debris flows, soil creep, mudflows, and other forms of mass wasting of the dissociated regolith after initial weathering.

Lithofacies F, which consists of a distinctive massive dark red silty shale, is most prominent in the middle Three Forks, where it makes up the upper portion of unit 3. There it separates the intertidal and subtidal units of upper Three Forks from the primarily upper intertidal and supratidal depositional facies of the lower Three Forks. As such, an arid, upper intertidal mud flat depositional environment is assigned to this lithofacies. This environment is also consistent with the deep red oxidation color and presence of hematite cement (Gantyno, 2010), which would have resulted from heavily oxidizing depositional and early diagenetic conditions.

The interlayered and brecciated dolostone, shale and anhydrite of Lithofacies G indicate a supratidal evaporitic environment in which the necessary conditions existed either for the introduction of detrital dolostone or for dolomitization.

The claystone and anhydrite of Lithofacies H were deposited in a low energy evaporitic environment to allow for the clays to come out of suspension and anhydrite to precipitate. For these reasons a salt flat (sabkha) environment is interpreted for this lithofacies.

Where anhydrite is the dominant rock type, as in Lithofacies I, a similar salt flat environment is inferred.

Well Log Correlations and Informal Units

Well logs were correlated for this thesis for the purpose of determining the regional stratigraphy of the Three Forks Formation. Tops were picked for the interval from the top of the Mississippian-Devonian Bakken Formation through the top of the Devonian Duperow Formation. In all these include the Upper, Middle, Lower and Pronghorn Members of the Bakken Formation, the informal units 1 through 5 of the Three Forks Formation, and the tops of the Birdbear (Nisku) and Duperow Formations. While the focus of this study is the Three Forks Formation, tops were picked for the overlying and underlying units for reference purposes in order to compare isopachs of the Three Forks and its sub-units with younger and older strata.

The five informal Three Forks units used for correlation in this thesis are based on Christopher's (1962) six units. The only difference is that Christopher's units 4 and 5 were combined into a single unit 4 in this thesis, and his unit 6 therefore is the unit 5 of this paper. Apart from these differences, attempts were made to consistently follow Christopher's original stratigraphic breakdown, which is also used by the North Dakota Geological Survey (LeFever et al., 2008).

Regional Subsurface Maps and Cross Sections

The following structure contour and isopach maps were constructed by picking tops in PETRA®. The first correlated surface was the contact between the Upper Bakken Shale Member and the base of the Lodgepole Formation. This contact was conformable in appearance in all cores examined. This top, as well as the top of the Middle and Lower Members were easily picked due to the sharp spike in the gamma-ray log. Although this thesis focuses on the stratigraphy of the Three Forks Formation, these major tops within the Bakken were also picked for context. The top of the Pronghorn Member was only picked in cases where it was clearly discernable on the gamma ray log. Very thin (several feet) sections of Pronghorn were observed in only two of the four cores analyzed in this thesis.

The Bakken-Three Forks contact was correlated through the study area, and subsequently plotted in a structure contour map (Figure 12). The elevation of this surface displayed significant topographic relief, reaching depths of over 8950 feet below sea level near the center of the basin in McKenzie and Williams Counties. It then climbs over three thousand feet to an elevation of 5700 feet below sea level along the northern side of the basin. Significant relief was also observed along the western flank of the Nesson Anticline, the dominant structure within this study area. The steepest dipping areas were found along the western edge of the anticline, with more gradual slopes along its north to south trending axis.

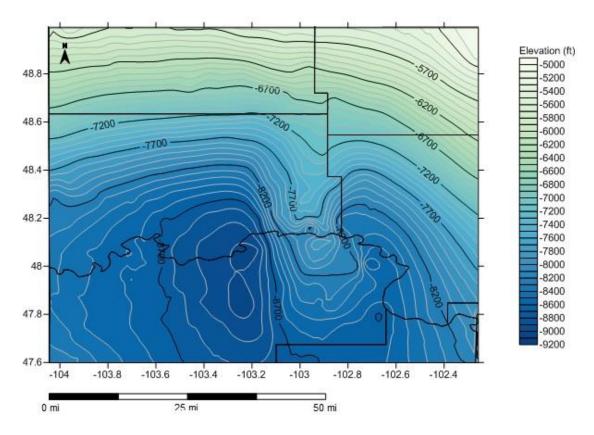


Figure 12. Structure contour map of the top of the Three Forks Formation.

Overall, dramatic changes in the thickness of individual Three Forks units within a short distance were rarely observed. Figures 13 and 14 show isopach maps of the lower and upper Three Forks Formation; here and elsewhere in this paper the former include the strata bounded by the top of the Three Forks and the top of unit 3, while the latter is the interval from the top of unit 3 to the top of the Birdbear Formation. The reason for this two part subdivision of the formation lies in the fact that a significant and widely mappable shift in depositional environment occurs between those units lying above, and those below, unit 3. The overlying strata generally represent a non-evaporitic tidal flat setting, whereas the facies of the underlying units reflect more of a coastal sabkha (or other evaporitic) environment. East to west and south to north stratigraphic cross sections

are shown in Figures 15 and 16. These sections are hung 25 feet above the Bakken Formation top, and like the isopach maps, they emphasize thickness changes in this interval.

Within this study area, the Lower Three Forks is thinnest along the western basin flank, and along the southern portion of the Nesson Anticline. In these areas, these layers thin to a total thickness of roughly 105 feet. There is a moderately thickening north-south trend in the area of the deepest part of the basin, between the western flank and the anticline. For the lower Three Forks, the zone of greatest thickness lies over the eastern side of the anticline, in western Mountrail County (Figure 13). Thickness variations can be difficult to interpret with great certainty due to the fact that the Three Forks shows signs of periodic sub-aerial exposure, weathering and erosion (Christopher 1962). Thinner trends along the anticline and the basin flank are likely due to such periodic erosion and non-deposition.

Figure 14 shows an isopach of the upper Three Forks Formation in northwestern North Dakota. In a way similar to the previous figure, the areas of greatest thinning occur along the basin flanks in the western and northwestern portion of the study area. Unlike Figure 13, however, the upper Three Forks isopach map illustrates a large scale thickening trend in the south-southeast direction, instead of to the east. Although these strata are fairly thin along the Nesson Anticline, there is no easily discernable thinning north-south trend along the hinge axis.

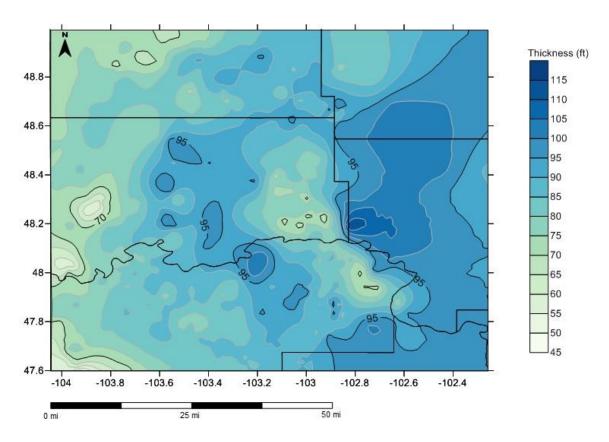


Figure 13. Isopach map of the lower Three Forks Formation. (from the top of unit 3 to the top of the Birdbear (Nisku) Formation, in northwestern North Dakota)

Cross sections A-A' (Figure 15) and B-B' (Figure 16) show more detailed thickening and thinning trends of the individual 5 units of the Three Forks Formation. The former starts along the western side of the basin in western McKenzie County and ends along the western flank of the Nesson anticline. Over the span of this section changes in thickness are subtle for most of the Three Forks units. The main exception to this is unit 5 at the top of the Three Forks Formation (Figure 15), which thins significantly along the basin flank. The same observations can be made for cross section B-B'; unit 1 is merely 10 feet thick where the cross section begins in northwestern Divide County, but then reaches a thickness of over 30 feet near the center of the basin in

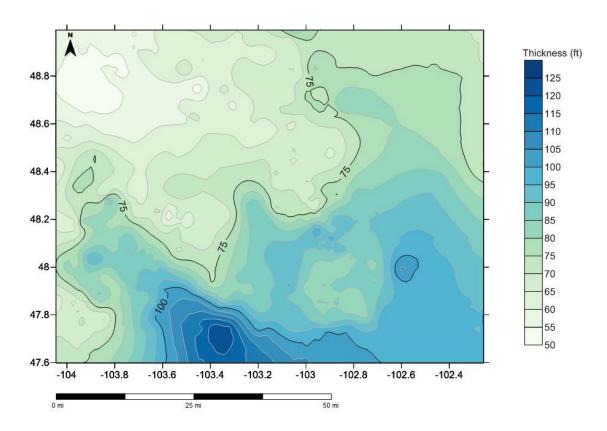


Figure 14. Isopach map of the upper Three Forks Formation. (from the top of the Three Forks Formation to the top of unit 3, in northwestern North Dakota)

McKenzie County (Figure 16). A similar thickening trend can be seen in the west-east cross section B-B'. The observation that the greatest thickening variations occur in unit 5 within this study area is consistent with the understanding that the top of this unit (i.e. the top of the Three Forks Formation) is an erosional, unconformable surface, especially in the outskirts of the basin.

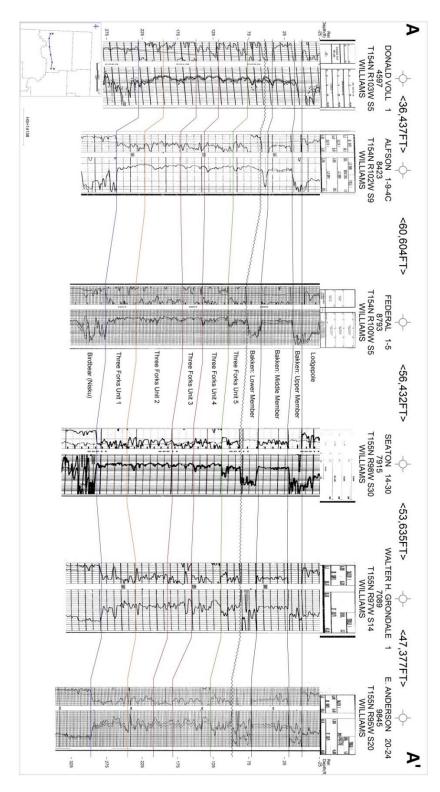


Figure 15. West to east stratigraphic cross section of the Bakken and Three Forks Formations in northwestern North Dakota with a base map showing well locations in McKenzie County, ND.

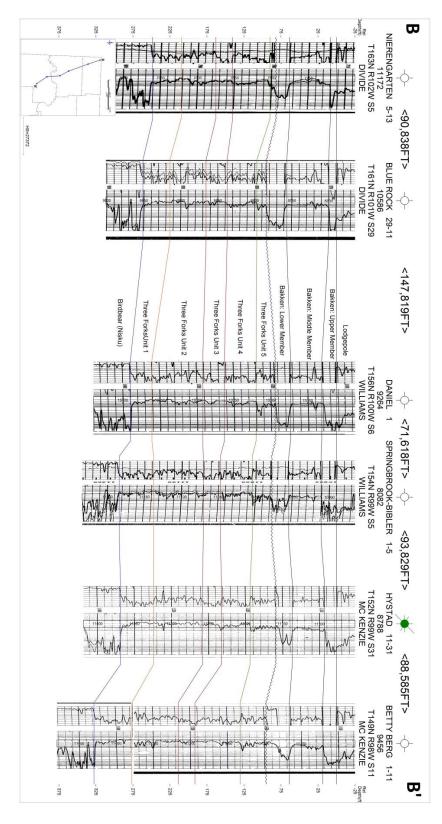


Figure 16. North to south cross section of the Bakken-Three Forks interval with the base map showing well locations in Divide, Williams and McKenzie Counties, ND

CHAPTER III

ELEMENTAL CHEMOSTRATIGRAPHY

X-ray Fluorescence

X-ray fluorescence (XRF) involves the bombardment of a sample with high energy x-rays in order to induce the release of secondary "fluorescent" x-rays (Figure 17). The high energy, incident waves have the ability to cause ionization through the removal of inner orbital electrons from the atoms of the sample material. The atom is then in an unstable state, and so an electron from an outer shell falls into the inner slot to achieve equilibrium. For the electron, this transition involves moving from a higher to a lower energy state. A photon is released in order for the first law of thermodynamics to remain satisfied. This photon has an energy that is characteristic of the atom from which it is released. The fluorescent x-ray released by the sample is picked up by the detector (Cesareo, 1999).

The primary instrument used in this project was the Bruker Tracer IV-SD handheld spectrometer. This instrument has both a hand held and bench top mode; the latter was exclusively used in this study. This instrument was calibrated with a wide range of naturally occurring and synthetic samples, specifically in order to give accurate measurements of fine grained sedimentary rocks. Previous studies showed a high level of agreement between results obtained using this instrument and other standard, well established methods such as WD-XRF (wavelength dispersive x-ray fluorescence) and ICP-MS (Inductively coupled plasma mass spectrometry) (Rowe et al. 2012).

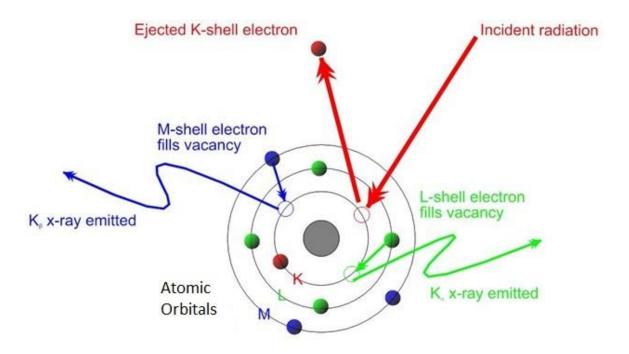


Figure 17. Atomic orbital illustration of the emission of x-rays in XRF. (Modified from Bruker Elemental, 2014)

Elemental Capture Spectroscopy

Elemental Capture Spectroscopy (ECS) is a form of well logging that measures the elemental composition of a given subsurface interval in a manner similar to x-ray fluorescence. Specifically, in ECS the formation is bombarded with high energy neutrons, which interact with atomic nuclei and cause the emission of characteristic gamma rays through the phenomenon of neutron capture. These gamma rays are measured by the logging tool and curves are generated, generally for the elements aluminum, silicon, calcium, iron, sulfur and titanium (Hertzog et al.). The ECS logs used in this thesis were downloaded from the North Dakota Industrial Commission Department of Mineral Resources Oil and Gas Division website. While the x-ray fluorescence data collected for

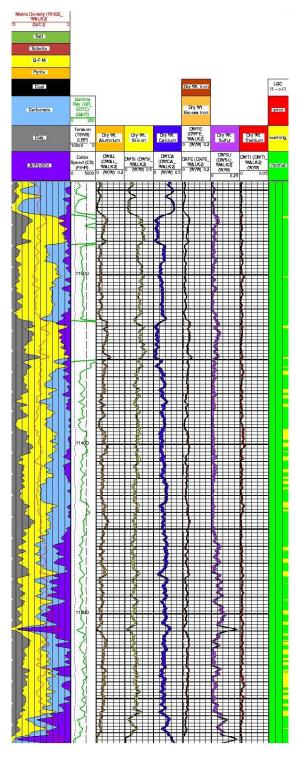


Figure 18. Elemental capture spectroscopy log with elemental curves and extrapolated mineralogy on the left. Note that in this case the estimated anhydrite is linked to sulfur content; in the Upper and Lower Shale Members of the Bakken Formation the sulfur occurs in pyrite instead.

this project includes a wider range of elements, ECS logging has an established industry usage, and serves as a useful point of comparison with x-ray fluorescence.

XRF Curves

Elemental data collected by the author on four Three Forks cores have been used to produce elemental concentration logs which reflect the subtle changes in rock type and depositional environment found in the Bakken-Three Forks section. A total of over 3250 analyses were run on 1,248 feet of drill core.

In Figure 20, the geochemical data for core taken from the Liberty # 18101 well is displayed for several major elements. These include magnesium, calcium, aluminum, potassium, silicon and sulfur. For the sake of context, this information is displayed along with the major formation, member and unit contacts, and general descriptions of the lithologies present in these intervals. Detailed core descriptions are included in the Appendix section, as are the curves for the remaining cores along with the complete data set in tabular format. A depth line and gamma-ray curve are also displayed for reference.

This core included a small section of the Lodgepole Formation, including the informal "False Bakken" and "Scallion" units. Underlying these are the Upper, Middle and Lower Members of the Bakken Formation respectively. No section of the Pronghorn Member was observed in this core; the contact between the Lower Shale Member and the top of the Three Forks Formation was sharp and erosive in appearance. All five units of the Three Forks Formation were observed in this core. Although the contact between the Three Forks and Birdbear (Nisku) Formations was not included in this core, careful comparison of the retrieved rocks with the gamma-ray log indicated that base of the core

was just slightly above this contact, and that the entire Three Forks Formation was present.

The magnesium curve is understood as being primarily indicative of varying degrees of the mineral dolomite i.e. calcium magnesium carbonate, or (Ca,Mg)(CO₃)₂. Comparison of the magnesium curve with the gamma ray log shows a general inverse relationship, with few exceptions. The Lower Lodgepole zone is very low in magnesium, which is consistent with the fact that it is highly calcareous but not dolomitic. Magnesium is likewise very low in both the Upper and Lower Shale Members of the Bakken Formation. In the Middle Member, however, this element is highest for the uppermost facies, and gradually drops off with depth. This trend reflects the fact that the more dolomitic facies of the Middle Member, identified both in core and through XRD (Sarg, 2012; Kowalski and Sonnenberg, 2011), generally occur near the top of this Member. Further down-section, magnesium was found to be low in the Pronghorn Member for cores that included this unit (NDIC #19918 and #18257). Although the Pronghorn Member is dolomitic in some areas, its composition varies (LeFever et al., 2011) and it consisted primarily of a shally lime wackestone in these cores. In every core analyzed, the highest abundances of magnesium were found in the upper two units of the Three Forks Formation. Even here though, there is a drop in magnesium in the more shaly facies, such as the green shale unit (Lithofacies C), which occurs at the base of unit 5. A sharp and sustained drop in this element then occurs at the top of unit 3, a predominantly red silty shale. Magnesium is highly variable in the lower Three Forks, with high concentrations in the dolostones, moderate amounts in some of the dolomitic shales and mudstones, and

very low abundances in the evaporitic zones. There do not appear to be large amounts of magnesium salts in the latter.

Calcium generally correlates strongly with magnesium; it is generally low in the shaly zones and high in dolomitic ones. There are several exceptions to this, however.

Calcium is highest in the lime mudstones and wackestones of the Lodgepole Formation, as it is in a section of the Middle Member of the Bakken Formation which corresponds with a drop in gamma ray. It is also high in the anhydrite rich sections of the lower Three Forks. Several peaks in unit 3 reflect scattered calcareous sections in this unit. In the cores that included sections of the underlying Birdbear Formation, such as the Charlotte #19918 and the Jennifer Abigail #24642, there was an observed spike in calcium corresponding with these carbonate rocks.

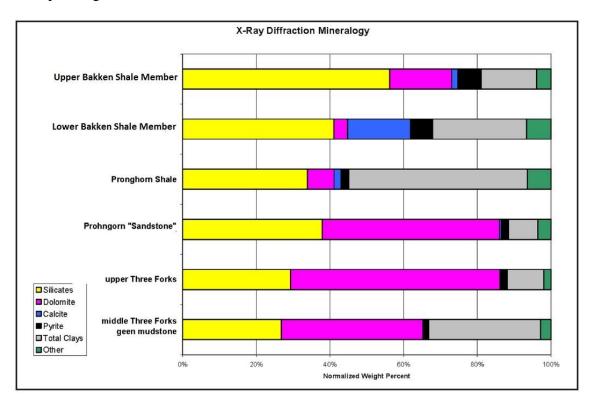


Figure 19. XRD mineralogy normalized weight percentages for several members and units of the Bakken and Three Forks Formations. (modified from Bottjer et al., 2011)

Aluminum and potassium track very closely, due to their common strong association with the abundant clay minerals found in shales. Interestingly, they do not trend as closely with the gamma ray curve across the whole section, as one might expect, given the fact that gamma-ray deflection is generally taken as a proxy for shale and/or clay content. These two elements were found to reflect shaly zones identified in core, but they do not show the typical very large spike for the Upper and Lower Shale Members of the Bakken Formation. This is likely due to two factors. First, gamma ray API readings show natural radiation due to uranium, thorium and potassium. The extremely high (over 700-800 API) gamma ray readings for these units are primarily due to the abundance of uranium, rather than potassium or thorium (Figure 21). XRD Mineralogy data from Bottjer et al. (2011) confirms that the Upper and Lower Members are not exceptionally high in clay minerals, compared to other shale units in the Bakken-Three Forks interval (Figure 19). Secondly, a significant component of these shales is actually organic material. The Upper and Lower Bakken Shale Members have an average of 11% TOC (total organic carbon), with the total organic component being significantly higher than this on a weight percent basis (Schmoker & Hester, 1983). This organic material (kerogen) component is not shown in these curves because the elements it is comprised of have atomic weights which fall below the instrument detection limits in terms atomic weight.

For the most part silicon is interpreted as a proxy for the siliciclastic component of the rocks sampled. It is generally lowest in the more pure carbonate and evaporite lithologies found in the Birdbear (Nisku) and Lodgepole Formations. It has neither a consistent positive nor negative correlation with the gamma ray curve because silicon is a

significant component of both shaly, clay (i.e. hydrous aluminum phyllosilicate) rich zones and cleaner sandstones and siltstones. Silicon is relatively abundant in the Upper and Lower Shale Members of the Bakken Formation. This fact, combined with the previously discussed relatively low aluminum component, suggests that a significant amount of silicon in these units is in taken up in diatomaceous biogenic silica. This is further supported by the abundance organic material in these rocks, which is primarily type II (algal derived) kerogen (Schmoker & Hester, 1983).

The last major element displayed in Figure 20 is sulfur, which is abundant only in limited zones. The small amounts detected in the Upper and Lower Shale Members and in the upper Three Forks are tied up in pyrite. This mineral was a commonly observed as a primarily authigenic trace mineral within these units. Its most common form was cubic, but framboids were also observed. The latter were most often observed in the dolostone and dolarenite of the upper Three Forks. The other zone of abundant sulfur includes the lowermost two units (units 1 and 2) of the Three Forks Formation. Here it is primarily a component in the anhydrites of the evaporitic lower Three Forks lithofacies.

Figure 21 shows geochemical data for the trace elements nickel, uranium, thorium, strontium, zirconium and molybdenum. Like the preceding figure, it also includes the gamma ray curve, generalized lithology description and depth information. Data for the same Liberty #18101 core is displayed here for the sake of consistent comparison, and data for the other cores sampled is included in the Appendix.

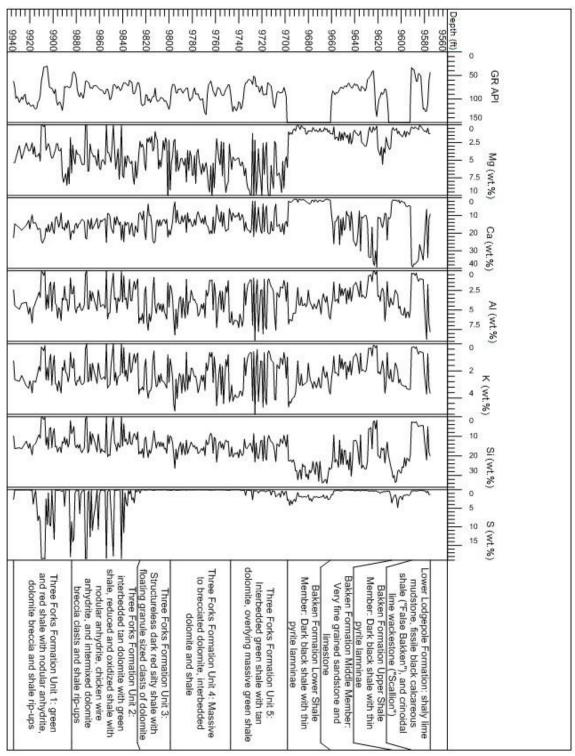


Figure 20. Major element XRF Logs for the Liberty #18101 core. The six major elements Mg, Ca, Al, K, Si, and S are shown along with the gamma-ray log and formation/member/unit subdivisions.

Redox sensitive traces elements are of primary importance in many studies involving elemental chemostratigraphy. This is due to the fact that the relative abundances these elements reflect reducing or oxidizing conditions during deposition. In the case of the Three Forks Formation, changes in redox colors can be observed at high frequency in core.

Of the redox sensitive trace elements analyzed in this project, Nickel proved to be the most suitable for chemostratigraphic delineation. For all of the cores studied, every major stratigraphic surface can be clearly picked on the nickel curve (Figure 21).

Furthermore, the nickel and gamma ray curves closely matched each other throughout this section. The levels of nickel and other redox-sensitive trace elements were in every case highest in the black shales of the Bakken Formation. This is due to the highly anoxic conditions that prevailed during Bakken deposition. Smaller nickel spikes can be observed in the organic rich "False Bakken", a thin section of black calcareous shale in the lower Lodgepole, as well as a commonly observed dark shaly zone within the Middle Member. Within the Three Forks Formation, nickel is most strongly associated with shaly zones that have green reduction coloring. There is a relative drop in nickel that corresponds with the highly oxidized red shale capping unit 3.

The remaining redox sensitive trace elements do not have the same degree of subtle variability as nickel. The two shown in Figure 21, uranium and molybdenum, are both relatively enriched in the shales of the Bakken Formation. Apart from this, however, molybdenum shows no spikes except for a small peak in the Middle Member. This suggests that the precipitation of molybdenum in the Bakken-Three Forks interval is

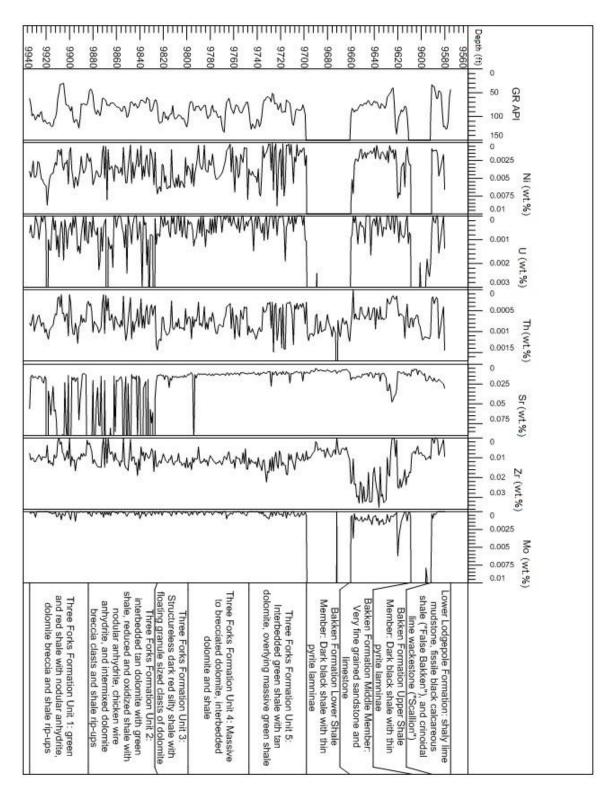


Figure 21. Trace element XRF Logs for the Liberty #18101 core. The six trace elements Ni, U, Th, Sr, Zr, and Mo are shown along with the gamma-ray log and formation/member/unit subdivisions.

controlled both by intensely anoxic depositional conditions and available organic material.

Uranium levels remain low within the upper three units of the Three Forks

Formation. There is a sharp and sustained increase in uranium levels beginning immediately at the top of unit 2. Samples with high levels of uranium were observed to be primarily the dark green shale facies of the lower Three Forks, as opposed to the dolostone or anhydrite rock types. Particularly high levels were recorded within even darker, occasional dark grayish green to nearly black rocks which occurred rarely within unit 2. This trend of significant increases in uranium in the lower Three Forks was observed in every core analyzed. This fact, combined with the observed green reduction colors and lack of high oil saturations in these parts of the formation, strongly supports the hypothesis that the green reduction colors in the Three Forks are not solely caused by oil migration, but that alternating oxidizing and reducing depositional conditions caused these mixed colors.

Nickel was chosen as the best element to use for correlations, based on the fact that the curves plotted for this element closely mirror the gamma ray log, which in turn partially forms the basis for defining stratigraphic units in the Three Forks. Figure 22 shows a cross section based on the nickel curves for each of the four cores analyzed in this project. Each of the Lodgepole, Bakken and Three Forks sub-units can be identified on these curves with roughly the same degree of certainty as with a gamma ray log based cross section. Within the Three Forks Formation the top of unit 3 was consistently one of the most clearly identifiable surfaces. This is consistent with its having been identified as a major surface separating lower evaporite facies from intertidal facies in the upper part

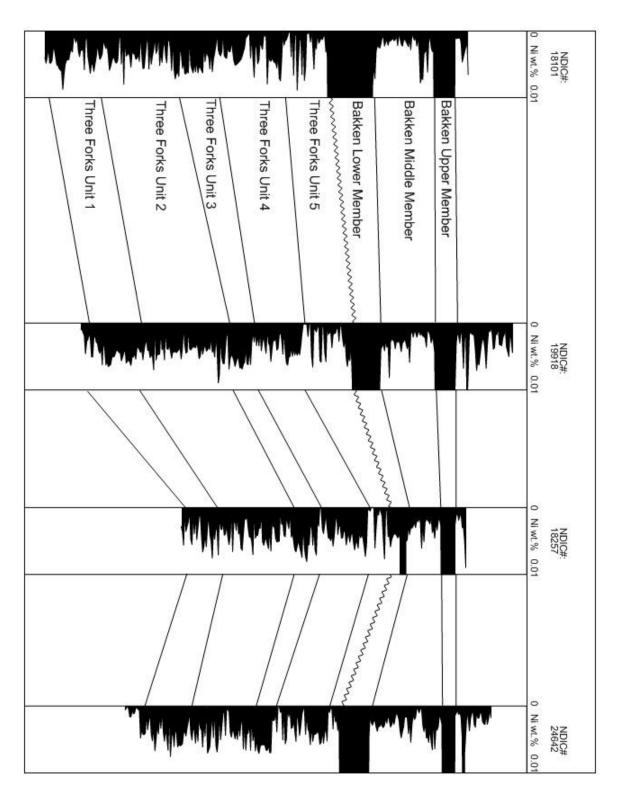


Figure 22. A stratigraphic cross section based on the curves for the redox sensitive trace element nickel.

of the formation. The Pronghorn Member was grouped with the Lower Bakken Member for the two cores that included some Pronghorn section.

This cross section begins with the more proximal, deeper basin cores and ends with the distal Jennifer Abigail #24642 core in northwestern Divide County. Unit 5, one of the major drilling targets in the Bakken-Three Forks Petroleum System, thins dramatically over this interval, which is likely indicative of erosion of the Three Forks along the basin margins.

CHAPTER IV

CONCLUSIONS

The Upper Devonian Three Forks Formation of northwestern North Dakota is a very fine grained, mixed siliciclastic-dolomitic-evaporitic unit that was deposited in shallow water in environments ranging from a low gradient coastal sabkha to broad tidal flat. Detailed core descriptions reveal signs of intraformational weathering occurring throughout the Three Forks. Elemental geochemical data collected at regular intervals on slabbed drill core via energy dispersive x-ray fluorescence reflect reflect both lithologic heterogeneity and paleoredox conditions for the Three Forks Formation. It has been shown that elemental concentration curves can be used to break the Three Forks down into geochemical "packages" that correlate excellently from one core to another. Furthermore, chemostratigraphic zonation coincides well with previously introduced stratigraphic sub-division. This has been shown to be true particularly for the redoxsensitive trace element nickel, where trends in the abundance of this element mirror the gamma ray log. High levels of uranium in the lower Three Forks support the hypothesis that reduction colors in the this formation are not entirely due to oil migration. The elemental curves plotted from these data provide the basis for a better understanding of the composition, depositional environments and paleoredox conditions of the Three Forks Formation.



Appendix A Elemental Curves for Other Cores

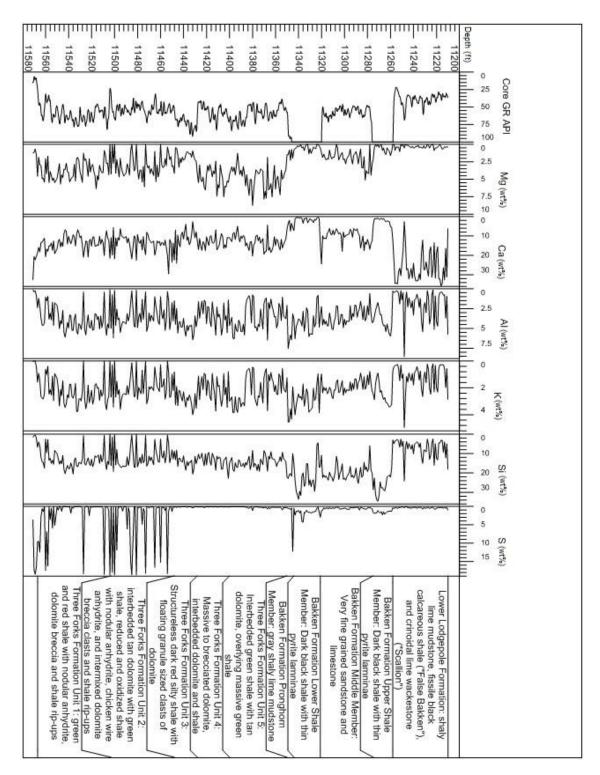


Figure 23. Major element XRF logs for the Charlotte #19918 core.

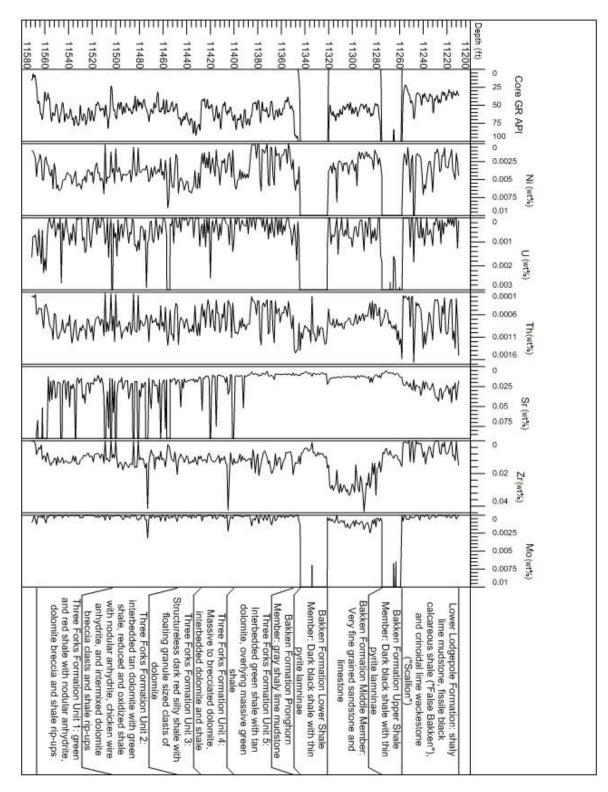


Figure 24. Trace element XRF logs for the Charlotte #19918 core.

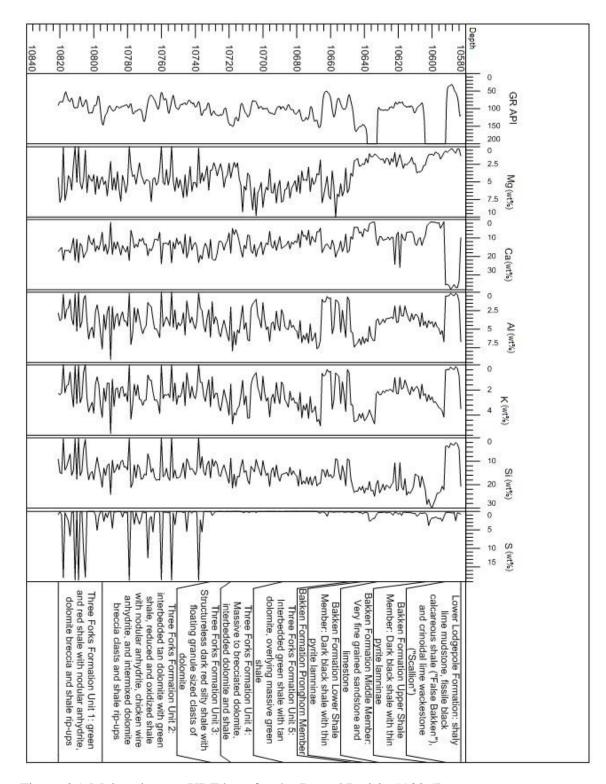


Figure 25. Major element XRF logs for the Round Prairie #18257 core.

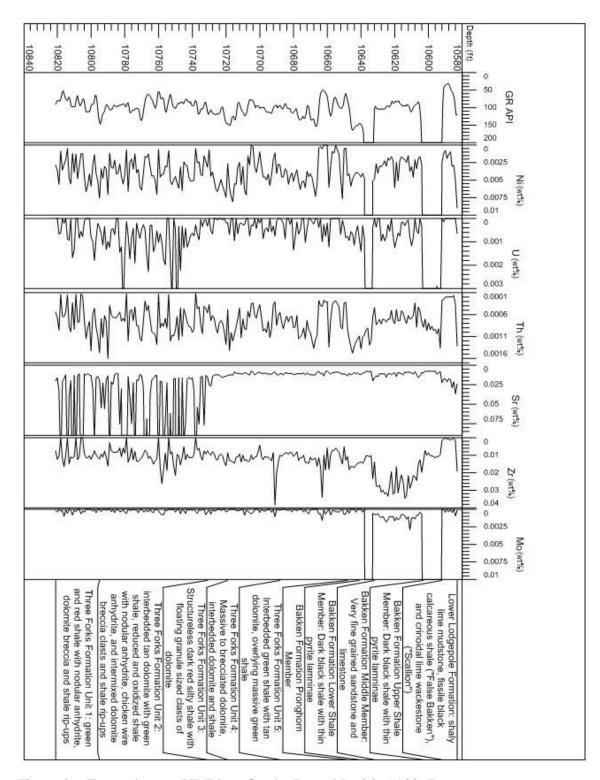


Figure 26. Trace element XRF logs for the Round Prairie #18257 core.

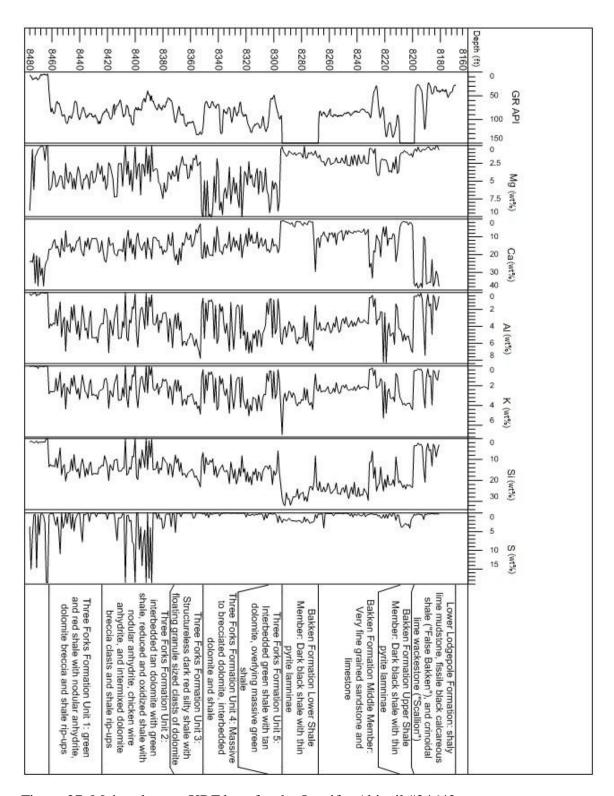


Figure 27. Major element XRF logs for the Jennifer Abigail #24642 core.

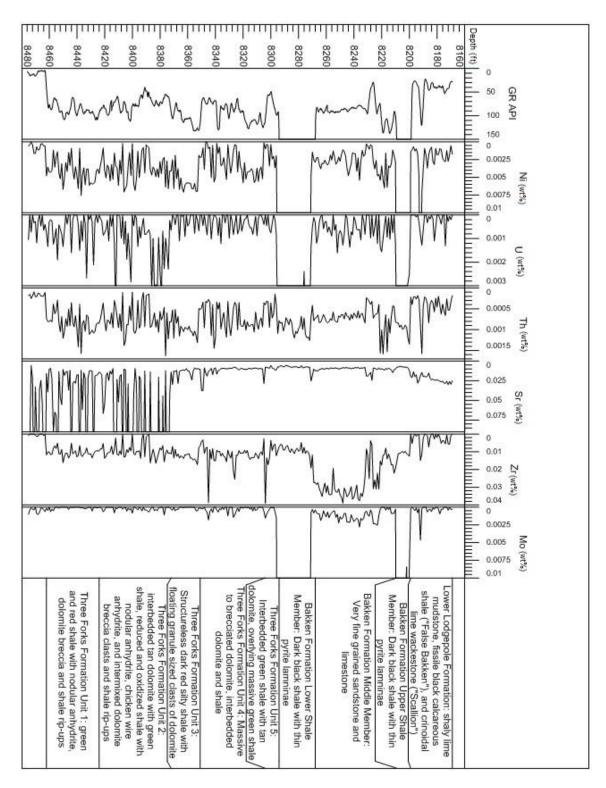


Figure 28. Trace element XRF logs for the Jennifer Abigail #24642 core.

Appendix B Core Locations and Descriptions

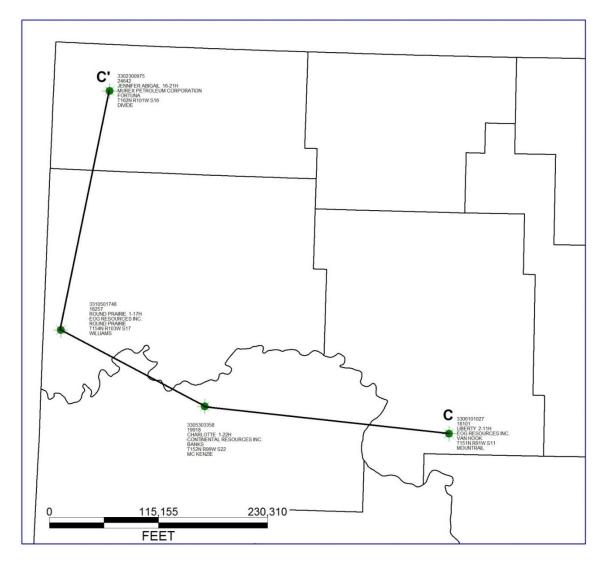


Figure 29. Map showing the well information, locations and line of section C-C' for the four cores used in this thesis.

Well #19918 (33-053-03358-00-00)

T152N, R99W, sec. 22 McKenzie County

Continental Resources

11210-11248	Shaly lime mudstone; alternating one foot beds of gray and dark gray; hairline cracks, horizontal burrows, occasional pyrite crystals and shell fragments
11248-11249	Fissile black calcareous shale
11249-11258	Gray shaly lime wackestone; crinoids and other shell fragments scattered throughout; pyrite lag deposit at the base
11258-11275	Dark black shale with thin pyrite laminae, and a pyrite/shell fragment lag deposit at the base
11275-11284	Very fine-grained gray sandstone, small-scale localized cross-bedding, very fine pyrite grains
11285-11288	Gradual transition into an oolitic wackestone to grainstone.
11288-11304	Poorly indurated very fine grained silty shaly sandstone with thin clay drapes transitioning into planar bedding
11304-11321	Slightly pyritic lime mudstone
11321-11344	Dark black shale with thin pyrite laminae, and a pyrite/shell fragment lag deposit at the base filling a scour mark on the top of the Pronghorn
11344-11350	Dark gray pyritic shaly lime mudstone
11350-11386	Purplish gray to tan dolostone interbedded with "apple green" shale; dolostone beds mostly less than 1", only three 1'; structures include desiccation/dewatering features (mud cracks, syneresis cracks, dewatering related dissolution), small scale crossbedding, climbing ripples, bidirectional ripples; at 11356-11357' there is a small section of brecciated, very well cemented quartz sandstone with zircon grains around the rims of clasts
11386-11400	Dark greenish gray shale ("green apple shale") with faint clasts of dolostone/siltstone
11400-11436	Alternating zones of dolostone interbedded with green shale, brecciated dolostone clasts in a shale matrix, and a more massive (i.e. non-interbedded) dolostone with a brecciated appearance
11436-11448	Massive oxidized dark rusty red silty shale; some faint siltstone clasts in a shale matrix near the base of this unit

- 11448-11503 Alternating section of interbedded tan and bluish gray dolostone with apple green shale, intermixed dolostone breccia clasts and shale rip-ups, green (reduced) and red (oxidized) shale with nodular, enterolithic, and granular anhydrite, massive zones of red and green shale (without interbedding, dolostone breccia or anhydrite), and beds of chicken wire anhydrite; structures include v-shaped anhydrite filled fracture (11487'), 1' zone of planar bedding (11491'), 1' interval of interbedded facies (11499), 2' bed of chicken wire anhydrite at the base (11503-04')
- 11503-11567 Sections of interbedded tan and bluish gray dolostone with green shale, intermixed dolostone breccia clasts and shale rip-ups, green (reduced) and red (oxidized) shale with nodular, enterolithic, and granular anhydrite, massive zones of red and green shale (without interbedding, dolostone breccia or anhydrite); zone of chicken wire anhydrite at the base, marking end of Three Forks

Well #24642 (33-023-00975-00-00)

T162N, R101W, sec. 16 Divide County

Murex Petroleum Corporation

- 8169-8189.7 Lodgepole Fm: Shaly lime mudstone
- 8189.7-8191.3 "False Bakken": Fissile black shale
- 8191.3-8198.7 "Scallion": Crinoidal lime wackestone
- 8198.7-8207.6 Bakken Fm, Upper Member: Fissile pyritic black shale
- 8207.6-8222.7 Bakken Fm, Middle Member, units 5 and 4: Brachiopod bearing limestone and interbedded calcareous siltstone and shaly limestone
- 8222.7-8228.4 Bakken Fm, Middle Member, unit 3: "clean bench"; calcareous crossbedded sandstone
- 8228.4-8268.8 Bakken Fm, Middle Member, units 2 and 1: sandstone and siltstone with clay drapes and calcareous siltstone with brachiopod shell fragments
- 8268.8-8292.9 Bakken Fm, Lower Member: Fissile black shale
- 8292.9-8315.3 Three Forks Fm, Bench 1: sequence of interbedded tan dolostone and green shale, brecciated dolostone in a shale matrix, and "green apple" shale at the base
- 8315.3-8368 Three Forks Fm, Bench 2: sequences of silty dolostone, laminated dolostone with shale, and brecciated dolostone with a thick distinct red silty shale unit at the base.

- 8368-8406.6 Three Forks Fm, Bench 3: Sequence of interbedded dolostone with green shale, structureless green and red claystone with anhydrite nodules and stringers,
- 8406.6-8464.4 Three Forks Fm, Bench 4: Randomly alternating layers of brecciated dolostone, green and red claystone with anhydrite stringers and nodules, with a three foot section of chicken-wire anhydrite at the base

8464.4-8475.7 Upper Birdbear Fm: Lime boundstone and mudstone

Well #18101 (33-061-01027-00-00)

T151N, R91W, sec. 11 Mountrail County

EOG Resources

9575-9580	Fissile, calcareous, pyritic dark gray to black shale
9580-9591	Gray fossiliferous (crinoidal) lime mudstone with clay drapes, transitions to a pyritic wackestone near Lodgepole-Bakken contact
9591-9608	Fissile pyritic black shale; very thin (sometimes 1 mm) pyrite laminae; pyrite/calcite feature at 9605'; contact between Upper and Middle Members appears conformable
9608-9620 9616.5'	Gray to dark gray fossiliferous silty dolomudstone; microbial mat at
9620-9630	Alternating beds of pyritic ooidic grainstone and very fine grained, calcite cemented cross-laminated sandstone
9630-9637	Gray to greenish gray pyritic lime mudstone; pyrite occurs as fine grains and larger nodules; planar bedding/laminae;
9637-9661	Silty, pyritic lime mudstone with isolated clay drapes and brachiopod fragments; calcite filled fracture at 9641'; shell and pyrite filled lag deposit at the base of this unit
9661-9698	Fissile pyritic black shale; pyrite occurs as fine grains, pebble-sized nodules and fine laminae; pyrite appears to be more abundant than in Upper Member; slight pyrite lag deposit at the base
9698-9726	Interbedded silty pyritic tannish purplish gray dolostone with "apple green" shale; interbedding ranges from flaser to wavy bedding; structures include desiccation and syneresis cracks, small scale cross laminae and current ripples

9726-9736 Massive salmon-tan dolostone with several thin clay drapes; dolostone appears crystalline and contains scattered cubic grains of pyrite; dolostone becomes more fractured/brecciated in appearance towards the base, but never to the point of consisting of clasts in a shale matrix 9736-9747 Massive green slightly dolomitic shale; gradually becomes more brown and eventually red; contains small (~1 mm) dolostone clasts which increase in size towards the base 9747-9768 Interbedded dolostone and shale; very similar to unit 5 but with more signs of brecciation, oxidation and flow/disturbance (i.e. rip-ups) towards the base, with dolostone breccia in a shale matrix 9768-9777 Section of dark red shale with lighter colored tannish red clasts of dolostone, dolostone clast content increases towards the base; corresponds to GR kick within unit 4 9777-9799 Highly intermixed/disturbed section of dolostone and mostly green shale; some dolostone breccia as larger angular clasts, but for the most part the two rock types appear to have been disturbed/mixed after deposition but prior to complete nitrification; all original bedding features destroyed 9799-9817 Massive dark red shale with scattered small faintly visible angular dolostone clasts; shale is slightly dolomitic/calcareous in some spots; small 2" bed of tan limestone at 9813' 9817-9825 Interbedded and intermixed dolostone and green shale; shale also occurs as thicker (1') beds; structures include wave ripples and reactivation surfaces 9825-9739 Oxidized section of interbedded gray dolostone with rusty red shale both with a weathered appearance; signs of soft sediment deformation include syneresis cracks, dissolution and collapse features, as well as flame structures; anhydrite begins to appear in this zone, but much of it appears to have been dissolved 9739-9886 Large (2" diameter) white nodules of anhydrite in a shaly, silty, sometimes dolomitic matrix; some brecciated dolostone clasts in shaly matrix; several areas contain round "blebs" of green reduced rock surrounded by red, often with a dark nucleus of what appears to be pyrite; anhydrite content decreases downward 9886-9891 Tannish gray angular dolostone clasts in a red silty shale matrix 9891-9905 Oxidized shale with layers and "blebs" of reduced green shale which often have a dark grain/spot in the center; there is a 1' zone of very anomalous medium to coarse grained sand in a reduced green matrix

9905-9912	Nodular anhydrite in a green shale matrix transitioning to chicken wire
anhydrite	

9912-9934.6 Alternating zones of oxidized and reduced shale with scattered anhydrite nodules and some brecciated dolostone; distinctive black interbed at 9916' that is associated with a spike in Uranium

Well #18257 (33-105-01748-00-00)

T154N, R103W, sec. 17 Williams County

EOG Resources

10583-10584	Fissile black shale
10584-10592	Dark gray crinoidal lime wackestone
10592-10603	Fissile black shale
10603-10608	Gray brachiopod bearing shaly limestone
10608-10617	Interbedded calcareous siltstone and shaly limestone
10617-10621	Hummocky cross-bedded very fine grained calcareous sandstone; 1' calcite filled fracture and a brachiopod shell fragment lag deposit at the base
10621-10632	Brachiopod bearing calcareous siltstone with clay drapes
10632-10641	Fissile black shale
10641-10648	Heavily bioturbated pyritic lime mudstone
10648-10662	Interbedded tan dolostone with green shale, structures include desiccation and syneresis cracks, small scale cross laminae and current ripple es
10662-10666	Tan dolostone with pervasive framboidal pyrite and a brecciated appearance; large clusters of pyrite framboids occurring near lower contact with apple green shale; 10663'-10665' appears to be bioturbated
10666-10688	Shale with several zones containing poorly sorted dolostone clasts in a mud matrix; Shale color is initially green, then brown and finally red at the base which is a sharp erosive surface at the top of the underlying dolostone
10688-10719	Alternating zones of brecciated dolostone, interbedded dolostone and shale, and both red and green shale
10719-10731	Dark rusty red silty shale, a few small dark green zones

10731-10738 Brecciated dolostone and both green and red shale; structures include planar bedding, micro-faulting and small rip-ups
10738-10753 Alternating zones of nodular and granular anhydrite, red and green shale, and interbeds of dolostone; possible vertical burrow at 10742'
10753-10795 Sequence of: 1' section of chicken wire anhydrite; followed by a section of alternating zones of nodular anhydrite in a green and red shale matrix and brecciated/ripped up dolostone with the current/flow (either traction or gravity) features; thin (1') section of dark green shale at the base
10795-10821 Alternating zones of nodular anhydrite in a shale matrix with zones of dolostone breccias and rip-ups

Appendix C X-ray Fluorescence Standard Operating Procedure

Table of Contents

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List of Parts
Instrument Setup
Core Preparation Setup
Software Preparation
Core Sample Preparation
Analyzing a Sample
Recording the Sample Location within the Core Photo Album
Exporting the Data to Excel
Notes on Sampling Best Practices

Introduction

This SOP is designed for the collection of geochemical data from clean, slabbed drill core faces using the Bruker Tracer IV handheld EDXRF instrument. This involves a one instrument setup collecting data for major and trace elements on different settings.

List of Parts

The equipment used in this process includes the following:



Figure 30. Three carrying cases for the instrument, vacuum pump, and laptop computer.

XRF Instrument:

Tracer gun with safety key
Clear plastic instrument stand with screw
Instrument stage
Instrument power cord
Steel cover
USB to instrument cord



Figure 31. The Contents of the Instrument case.

Vacuum (used when sampling for major elements):
Pump
Hose

Power cord



Figure 32. The vacuum pump and cord.

Computer: Laptop Power cord USB Key (not included)



Figure 33. The laptop computer.

Instrument Setup

- -Remove the clear plastic stand, unscrew the white plastic screw and unfold the stand. Screw the screw in once the stand is unfolded.
- -Remove the instrument from the case, and place it in the stand so that the key and light are facing the user.
- -With the instrument unplugged and the power switch off, check the instrument window on the tip of the nozzle to ensure it is clean, intact and undamaged.
- -Remove the stage and set it on the nozzle of the instrument. It should fit snugly and be level. Place the black cover on the stage, ensuring the arrows line up.
- -Remove and plug in the laptop, then connect it to the instrument and turn the laptop on
- -Remove the instrument power cord and plug it in.

- If sampling for major elements, remove the vacuum pump from its case, along with the hose and power cord. Plug the pump into a power outlet and connect the clear hose from the pump into the instrument. Keep the vacuum off for now.
- If sampling for major elements, ensure the vacuum valve is open and turn on the vacuum pump
- -With the instrument covered, turn the power key clockwise to turn the instrument on. The yellow light should illuminate.

Core Preparation Setup

In addition to the instrument setup, you will need to clean and dry each core sample before running an analysis.

This Setup includes: Two 5-gallon buckets of clean water Several clean towels

- -Fill both 5 gallon buckets with water while the laptop and instrument boot up. Place them on stools within reach of the workstation area.
- -Place towels on the table in the workstation area. They will be used for drying washed samples

Software Preparation

- -After the instrument has been on for at least 1 minute, start the S1PXRF software
- -Click the red circle on the upper left hand corner of the S1PXRF screen. The light should turn green.
- -Click Setup> Instrument Setup> uncheck "Back Scatter" and check "PC Trigger". Leave everything else and click "Done".
- -Click Tube>KTI Tube> Read. Select the correct options depending on whether you are sampling for major or trace elements.

For trace elements, choose the line with 40 KeV, 16.3 \Box A, and filter 1. For major elements, choose the line with 15 KeV 55 \Box A and filter 2.

- -Make sure the box for "PC Trigger" is checked. The red light will turn on and the instrument will emit x-rays. Watch the values for "Actual High Voltage" and "Actual Anode Current" and ensure they stabilize to the appropriate numbers (+/-1%).
- -Click OK to close the window



Figure 34. Instrument setup for sampling major elements with the vacuum pump attached.

Core Sample Preparation

- -Refer to "Notes on Sampling Best Practices" below when selecting core samples for analysis
- -Thoroughly rinse the selected sample in the first bucket of water to remove any dust or precipitated salts.
- -Rinse the sample in the second bucket of water to ensure the slabbed core face is clean. The water in both buckets should be replaced once the water in the second bucket starts to get cloudy.
- -Dry the sample thoroughly with towels, being sure to wipe the slabbed faced (which the instrument window is exposed to) with a clean towel.

Analyzing a Sample

- -Place the core, face down, on top of the stand. The core must lay flat against the instrument nozzle. Make sure that the instrument window lines up with the desired spot on the core face from which you wish to sample.
- -From S1PXRF, Click Timed> Timed Assays. Enter the desired sampling time (60 seconds) and check off the boxes for PDZ and Autosave.
- Click OK. When the next window opens, ensure the correct folder is selected and type in the name of the sample you are taking. This is usually "footage" +"t" for trace or "m" for major (e.g. 11005.5t for 1105.5 feet depth on trace element settings).
- -Click Save This will start the analysis. When the analysis is complete the red light will turn off and the yellow light will turn on. The analysis itself is saved as a .pdz file in the folder specified.
- -Replace the core in the position and orientation it was originally found in
- -The duplex 2205 standard should be tested every 20 samples in order to confirm that the instrument is functioning properly and that no significant detector drift has occurred.

Recording the Sample Location within the Core Photo Album

- -Core photos for complete cores can be obtained from the NDGS Core Library Staff. These photos can be saved in a folder on the computer and insert them to a PowerPoint file as a photo album.
- -If using core photos to track sample locations, ensure that for each analysis you note the location on the core face by placing a symbol on the corresponding core photo. This is very useful when reviewing the processed data.

Exporting the Data to Excel

While it is possible to extract the tabular data in terms of counts and weight percent from an individual analysis, it is significantly more efficient to export the data in bulk for a large number (often several hundred) analyses taken over a single core. Refer to the procedure titled "How to Perform a Chemistry Analysis of Large Data Sets" for instructions on how to convert a large number of .pdz files to spreadsheet format with calibrated weight percent results.

Notes on Sampling Best Practices

It is important to place close attention to how the rock sample lines up with the instrument detector window. If the core is placed in the stage in such a way that window is exposed to the contact between more than one rock or mineral type, the detected x-ray energy will not reflect one type, but some intermediate value.



Figure 35. Three Forks core image.

A core slab such as this one must be sampled carefully, as it contains several areas that include authigenic pyrite grains, breccia intraclasts, and dolostone-clay contacts (photo shows a partially brecciated dolostone from a core depth of 9732' in the upper Three Forks of well # 18101).

For these reasons it is critical to ensure that sampled spot is a single homogenous rock type, and that no bedding, intraclast, or authigenic mineral (e.g. pyrite nodules) contacts are exposed to the instrument window

Appendix D X-ray Fluorescence Data

The following data represents weight percent concentrations of the major and trace elements for the four cores analyzed in this thesis. This data was collected using a 60 second sampling time at one foot intervals throughout the entirety of each core. Logs plotted for select elements are shown in Appendix A.

Zn (%)	0.0063	0.0059	0.0063	0.0059	0.0054	0.0060	0.0062	0.0060	0.0058	0.0059	0.0061	0.0058	0.0055	0.0065	0.0058	0.0075	0.0053	0.0057	0.0059	0.0059	0.0053	0.0057	0.0064	0900.0	0.0059	0.0065	0.0062	0.0059	0.0059	0.0062	0.0059	6900.0	2900.0	0.0062	0.0062	0.0082	0.0097	0.0062	0.0075
				_	_				-	_											-	_		_			_						_						
Cn (%)	0.0034	0.0041	0.0039	0.0040	0.0032	0.0038	0.0034	0.0035	0.0043	0.0040	0.0039	0.0037	0.0033	0.0051	0.0037	0.0030	0.0041	0.0032	0.0048	0.0038	0.0031	0.0034	0.0033	0.0037	0.0040	0.0035	0.0038	0.0040	0.0038	0.0038	0.0034	0.0035	0.0032	0.0034	0.0035	0.0030	0.0029	0.0018	0.0041
(%) IN	0.0022	0.0025	0.0009	0.0029	0.0028	0.0041	0.0046	0.0035	0.0027	0.0007	0.0011	0.0037	0.0018	0.0018	0.0028	0.0025	0.0006	0.0033	0.0021	0.0014	0.0027	0.0022	0.0019	0.0014	0.0026	0.0020	0.0030	0.0033	0.0026	0.0026	0.0018	0.0029	0.0025	0.0029	0.0019	0.0025	0.0028	0.0063	0.0007
Co (%)	0.0008	0.0003	900000	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0007	0.0006	0.0004	0.0008	0.0002	0.0003	0.0008	0.0006	0.0003	0.0002	0.0005	0.0004	0.0003	0.0010	0.0006	0.0003	0.0004	0.0003	0.0003	0.0003	0.0003	0.0004	0.0003	0.0004	0.0003	0.0004	0.0003	0.0007	0.0000	0.0004
Fe (%)	1.7742	0.4790	1.5779	0.4137	0.7916	0.2138	0.2067	0.3222	0.4797	1.6788	1.4883	0.8941	1.9186	0.1980	0.3456	1.8372	1.5292	0.4040	0.1715	1.2053	0.8524	0.5226	2.3232	1.3977	0.5299	0.8719	0.6486	0.6278	0.3107	0.4255	0.9177	0.5929	0.9677	0.4413	0.8361	0.5504	1.4801	1.6755	0.4868
Mn (%)	0.0208	0.0216	0.0201	0.0203	0.0212	0.0233	0.0246	0.0246	0.0203	0.0192	0.0198	0.0199	0.0206	0.0248	0.0266	0.0260	0.0225	0.0289	0.0252	0.0259	0.0239	0.0326	0.0206	0.0231	0.0192	0.0199	0.0187	0.0193	0.0270	0.0302	0.0264	0.0230	0.0236	0.0204	0.0201	0.0226	0.0215	0.0235	0.0285
Cr (%)	0.0055 (0.0004	0.0039	0.000.0	0.0024	0.0000	0.0000	0.0001	0.0003	0.0039	0.0033	0.0008	0.0046	0.0000	0.0012	0.0047	0.0032	0.0004	0.0000	0.0021	0.0020	0.0009	0.0050	0.0032	0.0002	0.0021	0.0006	0.0001	0.0001	0.0000	0.0027	0.0007	0.0020	0.0005	0.0019	0.0015		0.0078	0.0019
(%) \	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0004		0.0053	0.0000
1(%) 山	0.3517 0	0.0432 0	0.2331 0	0.0386 0	0.0989 0	0.0224 0	0.0237 0	0.0265 0	0.0390 0	0.2451 0	0.2142 0	0.0473 0	0.2746 0	0.0199 0	0.0355 0	0.2729 0	0.2007 0	0.0410 0	0.0135 0	0.1506 0	0.1078 0	0.0749 0	0.3057 0	0.2071 0	0.0536 0	0.1095 0	0.0605 0	0.0453 0	0.0455 0	0.0641 0	0.1275 0	0.0518 0	0.1032 0	0.0481 0	0.1070 0	0.0699 0		0.2870 0	0.0877 0
Ba (%)	0.0358 0	0.0000	0.0540 0	0.0000	0.0264 0	0.0000	0.0000	0.0000.0	0.0000	0.0522 0	0.0695 0	0.0000.0	0.0574 0	0.0000	0.0000	0.0855 0	0.0573 0	0.0000	0.0000	0.0460 0	0.0140 0	0.0000	0.0883 0	0.0524 0	0.0000	0.0138 0	0.0000	0.0000	0.0000	0.0000	0.0139 0	0.0000	0.0174 0	0.0000.0	0.0191 0	0.0000.0		0.0000	0.0000
Ca (%) B	6.3002 0.	31.1546 0.	16.4281 0.	32.6422 0.	26.3280 0.	34.5224 0.	35.7643 0.	32.1739 0.	32.0835 0.	15.5527 0.	18.7074 0.	31.8575 0.	13.4384 0.	26.9449 0.	31.2906 0.	15.5258 0.	18.1132 0.	30.8137 0.	27.6014 0.	23.3400 0.	27.3238 0.	27.4108 0.	12.0885 0.	18.6553 0.	32.5146 0.	29.4382 0.	32.9464 0.	33.1022 0.	33.1762 0.	30.7434 0.	24.0019 0.	31.7641 0.	26.8048 0.	32.1694 0.	26.7441 0.	27.5161 0.		2.5634 0.	17.4883 0.
																								-							- 1								
K (%)	2.8545	0.5737	1.9878	0.5680	0.2796	0.2867	0.2796	0.2845	0.5802	2.3206	1.9807	0.3204	2.3091	0.2093	0.5223	2.4826	2.0251	0.6277	0.2207	1.6081	0.8192	1.1671	2.6533	2.0753	0.7462	1.4205	0.7180	0.4224	0.7301	0.8453	1.7964	0.9161	1.4737	0.8903	1.5728	1.1442	2.5947	4.9556	0.9699
S (%)	1.0358	0.3149	0.4903	0.2687	0.5269	0.3327	0.3127	0.3150	0.3026	0.4307	0.4504	0.8380	0.6381	0.2030	0.3051	0.3407	0.5904	0.3586	0.2286	0.5504	0.4581	0.2785	0.7568	0.4241	0.2437	0.2210	0.3306	0.5350	0.2604	0.2923	0.2587	0.3087	0.5372	0.2794	0.4320	0.0442	0.0635	0.4499	0.1329
P (%)	0.0437	0.0150	0.0508	0.000.0	0.0072	0.0321	0.000.0	0.000.0	0.0039	0.0711	0.0785	0.000.0	0.0813	0.0333	0.0055	0.0725	0.0843	0.000.0	0.0091	0.0521	0.0371	0.0559	0.0894	0.0594	0.0097	0.0510	0.0008	0.000.0	0.0052	0.0334	0.0846	0.0415	0.1332	0.0512	0.0608	0.0734	0.0955	0.0341	0.0886
Si (%)	18.0580	5.0460	12.2121	3.9675	9.3905	3.2081	3.1913	4.5773	4.5302	13.2847	12.4192	4.9200	16.1518	2.4411	4.5168	10.9108	13.0086	5.2308	2.5303	9.1521	8.4470	8.1172	15.0565	11.6577	4.5605	6.8264	4.4431	3.9228	4.6364	5.2150	10.2157	5.4200	7.7742	4.8156	7.6575	3.7737	6.8958	24.2231	3.6193
AI (%)	5.7548	0.9531	3.6999	0.7557	0.8109	0.4694	0.4010	0.4905	0.9846	4.7194	4.1734	0.8877	5.1453	0.1385	0.7325	3.6567	4.4446	1.0065	0.2113	3.0070	1.7405	2.1557	5.4225	4.0404	1.2099	2.3558	1.1675	0.6884	1.2543	1.3854	3.3558	1.5289	2.3958	1.1270	2.3189	0.4014		8.5647	0.4807
Mg (%)	0.4312	0.3332	0.4296	0.3596	0.6183	0.6873	0.3306	0.0320	0.2124	0.4187	0.5095	0.5312	0.9003	0.0309	0.0197	0.1721	0.5380	0.1478	0.0000	0.4433	0.5629	0.1970	0.5690	0.4619	0.3649	0.4848	0.1211	0.3359	0.2838	0.4913	0.5184	0.2782	0.5007	0.2358	0.1375	0.1226		0.5245	0.0000
Na (%)	0.5610 (0.3042	0.4477	0.2666	0.2702	0.3312	0.2375 (0.2622	0.2959 (0.5088	0.4821	0.2635 (0.5145 (0.4501 (0.3085	0.4970	0.4692	0.2936	0.4066	0.4035	0.3574 (0.4013	0.5231	0.4786	0.3698	0.4259 (0.3022	0.3009	0.3085	0.3707	0.4974	0.3455 (0.4451 (0.3973	0.4145	0.6493		0.6184 (0.6778
Depth (ft) N	11210 0	11211 0	11212 0	11213 0	11214 0	11215 0	11216 0	11217 0	11218 0	11219 0	11220 0	11221 0	11222 0	11223 0	11224 0	11225 0	11226 0	11227 0	11228 0	11229 0	11230 0	11231 0	11232 0	11233 0	11234 0	11235 0	11236 0	11237 0	11238 0	11239 0	11240 0	11241 0	11242 0	11244 0	11245 0	11246 0		11248 0	11249 0
Well # Do	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918		19918	19918

0.0067	0.0061	0.0081	0.0065	2900.0	0.0062	0.0059	0.0065	0.0079	0.0054	0.0043	0900.0	0.0100	0.0614	0.0017	0.1259	0.0037	0.0049	0.0386	0.0046	0.1668	0.0307	0.0027	0.0071	0.0036	0.0053	0.0058	0.0070	0.0063	0.0055	0900.0	0.0057	6900.0	0.0063	0.0050	0.0056	0.0056	0900.0	0.0078	0.0088
0.0036	0.0046	0.0025	0.0037	0.0036	0.0036	0.0035	0.0039	0.0033	0.0000	0.0000	0.0000	0.0000	0.0000	0.000.0	0.0003	0.000.0	0.0000	0.0000	0.0000	0.0096	0.0000	0.0000	0.0000	0.0029	0.0025 (0.0021	0.0037	0.0023 (0.0018 (0.0018	0.0021	0.0017	0.0022	0.0021	0.0023	0.0025	-	0.0029	0.0031
0.0017	0.0024	0.0032	0.0026	0.0043	0.0043	0.0039	0.0018	0.0015	0.0151	0.0125	0.0167	0.0214	0.0197	0.0130	0.0250	0.0154	0.0251	0.0242	0.0203	0.0223	0.0219	0.0209	0.0208	0.0062	0.0046	0.0054	0.0012	0.0045	0.0057	0.0047	0.0052	0.0047	0.0061	0.0063	0.0035	0.0053	0.0076	0.0056	0.0046
0.0004	0.0002	0.0005	0.0003	0.0003	0.0002	0.0002	0.0004	900000	0.0013	0.0012	0.0013	0.0014	0.0013	0.0014	0.0012	0.0014	0.0011	0.0013	0.0011	0.0008	0.0011	0.0012	0.0017	0.0012	900000	9000.0	0.0003	0.0005	0.0005	900000	0.0007	0.0005	9000.0	0.0004	0.0003	0.0007	0.0005	0.0005	0.0005
0.5899	0.0000	1.0975	0.5069	0.5374	0.2258	0.3405	0.8453	1.3260	2.7721	2.4940	2.6743	2.8704	2.5918	2.7914	2.2370	2.9301	2.1611	2.4892	2.0188	1.3022	2.0340	2.3139	3.2508	2.5138	1.3931	1.1739	0.5083	1.0400	0.8413	1.3803	1.4032	0.9669	1.2308	0.7593	0.4197	1.3995	0.6796	0.9150	0.7636
0.0293	0.0520	0.0299	0.0203	0.0180	0.0197	0.0189	0.0200	0.0176	0.0227	0.0214	0.0230	0.0232	0.0228	0.0242	0.0238	0.0224	0.0247	0.0243	0.0262	0.0310	0.0267	0.0253	0.0223	0.0273	0.0309	0.0388	0.0236	0.0359	0.0443	0.0335	0.0379	0.0328	0.0363	0.0377	0.0259	0.0333	0.0404	0.0333	0.0342
0.0016	0.0000	0.0024	0.0003	0.0000	0.0000	0.0000	0.0012	0.0031	0.0053	0.0053	0.0065	0.0084	9900.0	0.0097	0.0068	0.0091	0.0099	0.0083	0.0111	0.0124	0.0118	0.0114	0.0112	0.0092	0.0065	0.0058	0.0022	0.0047	0.0055	0.0050	0.0050	0.0048	9900.0	6900.0	0.0057	0.0071	0.0080	0.0072	0.0058
0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0019	0.0120	0.1043	0.0795	0.0897	0.0804	0.1028	0.0370	0.1542	0.0436	0.0772	0.0903	0.0414	0.0450	0.0440	0.0340	0.0303	0.0072	0.0029	0.0045	0.0002	0.0021	0.0015	0.0020	0.0029	0900.0	0.0042	0.0082	0.0031	0.0061	0.0083	0.0026	0.0040
0.1094	0.0213	0.1646	0.0575	0.0245	0.0228	0.0340	0.0398	0.1124	0.2973	0.2843	0.3013	0.2607	0.2616	0.2456	0.2488	0.2566	0.1822	0.2297	0.1545	0.1094	0.1309	0.1517	0.2370	0.2672	0.2688	0.1888	0.0926	0.2397	0.2609	0.2173	0.2513	0.1573	0.2486	0.1321	0.1117	0.1656	0.1588	0.2714	0.2138
0.0000	0.0000	0.0619	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0057	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0313	0.0848	0.1109	0.0000	0.0623	0.1278	0.0993	0.0883	0.0593	0.0564	0.0527	0.0670	0.0376	0.0182	0.0027	0.0000
23.7190	30.5309	26.6709	28.4245	34.8064	34.0916	34.5438	22.6646	11.8507	5.5756	5.2815	2.6365	2.2248	2.7504	1.9009	1.0203	1.5658	0.8994	1.4754	1.3882	0.8901	1.0624	1.1203	1.2670	4.2971	12.7011	13.7582	16.9343	13.8386	11.7512	14.3962	13.0777	17.6851	10.0177	13.0440	16.2685	9.7061	8.6489	6.2758	7.2168
1.2853	0.2973	1.4723	0.5318	0.2530	0.3127	0.3391	0.4157	0.7566	3.2371	3.3719	3.4274	3.1203	3.0846	2.7216	2.8647	2.6086	2.1919	2.3386	1.5242	0.8902	1.1920	1.7015	2.8849	2.4542	2.2476	1.6391	0.7721	1.7626	1.0443	1.9160	2.1098	1.1674	2.1094	1.3923	0.8894	1.4555	1.5710	2.1143	1.3446
0.2165	0.2241	0.3198	0.3158	0.5865	0.3023	0.4045	0.5448	0.3824	1.2932	1.3390	1.2578	1.4685	1.8122	2.1554	1.4433	2.3390	1.4184	1.7940	1.5709	1.1306	1.7677	1.7896	1.9472	1.7161	0.6683	0.5092	0.2514	0.4083	0.4157	0.7485	0.7777	0.5685	0.5667	0.3120	0.2501	0.9991	0.2181	0.3020	0.2694
0.0987	0.0228	0.0855	0.0667	0.0195	0.0000	0.0197	0.0552	0.0965	0.1302	0.1071	0.1010	0.0452	0.0736	0.0661	0.0781	0.1356	0.0538	0.0633	0.0729	0.0390	0.0580	0.0597	0.0491	0.0612	0.0988	0.0752	0.1034	0.0969	0.0873	0.0907	0.1114	0.0819	0.0967	0.0958	0.1157	0.0867	0.0875	0.0642	0.0919
6.2030	2.5215	6.7825	3.7298	2.7720	3.1529	3.4712	4.9156	2.9496	17.5699	22.2140	21.0842	22.0931	26.6505	29.2848	28.6652	27.5332	27.7806	24.5286	31.8615	34.6183	33.8377	30.9814		28.5913	19.9407	18.6863	5.9427	17.6805		16.8448	18.4515	14.4910	21.3871	22.2809	17.0976	21.1253	25.4255	22.8901	17.4029
1.4215	0.2187	1.9255	0.5950	0.2921	0.2587	0.4317	0.4342	0.2743	4.7639	5.9707	5.7437	4.4404	5.4067	4.5847	4.6520	4.2857	3.2603	3.2713	2.4666	1.7280	2.1944	2.7399	3.5082	4.1766	4.2781	3.1160	0.5921	3.3032		3.7225	4.0559	2.1705	3.8776	2.5451	1.5578	2.5067		3.5975	2.1016
0.2365	0.000.0	1.0517	0.3957	0.4251	0.3497	0.8662	0.000.0	0.000.0	1.0121	1.6239	1.0232	0.5028	1.4685	1.2319	0.5060	0.8785	0.0342	0.1506	0.4422	0.000.0	0.2979	0.0301	0.4369	2.0794	2.8674	4.4366	0.000.0	4.1709	4.1236	3.7574	5.1441	1.7538	3.3888	3.3089	0.6452	1.6673		1.6909	1.0419
0.5947	0.3914	0.4529	0.4405	0.2998	0.3039	0.3285	0.4243	0.8481	0.5291	0.5180	0.6100	0.5394	0.4473	0.3939	0.4618	0.3988	0.5169	0.5107	0.5219	0.4042	0.3806	0.4413	0.5427	0.4029	0.4408	0.4286	0.6557	0.5012	0.4180	0.4885	0.4894	0.4517	0.5086	0.4177	0.5223	0.4677		0.5883	0.7198
11250	11251	11252	11253	11254	11255	11256	11257	11258	11259	11260	11261	11263	11264	11265	11266	11267	11268	11269	11270	11271	11272	11273	11274	11275	11276	11277	11278	11279	11280	11281	11282	11283	11284	11285	11286	11287		11289	11290
19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918

0	_	റ	က	N	_	_	ر کا	رم م	ഗ	N	_	ഗ	တ	ر کا	ര	N	C	က	4	C	_	တ	က	ر کا	တ	C	၈	4	_	တ	N	C	_	_	N	Ŋ	C	CI	4
0.0069	0.0077	0.0069	0.0068	0.0092	0.0067	0.0067	0.0055	0.0055	0.0066	0.0062	0.0077	0.0066	0.0059	0.0085	0.0099	0.0072	0900.0	0.0063	0.0064	0900.0	0.0071	0.0058	0.0063	0.0055	0.0048	0900'0	0.0059	0.0054	0.0041	0.0088	0.0442	0.0190	0.0111	0.1221	0.1662	0.0405	0.1660	0.1702	0.0404
0.0032	0.0023	0.0029	0.0033	0.0026	0.0025	0.0024	0.0027	0.0028	0.0029	0.0021	0.0022	0.0028	0.0029	0.0025	0.0030	0.0028	0.0030	0.0034	0.0024	0.0029	0.0027	0.0027	0.0029	0.0024	0.0022	0.0027	0.0022	0.0027	0.0024	0.0000	0.0000	0.000.0	0.0000	0.0000	0.0023	0.0000	0.0000	0.0003	0.0000
0.0049	0.0064	0.0056	0.0053	0.0049 (0.0045 (0900.0	0.0059	0.0058	0.0058	0.0039	0.0056	0.0049	0.0059	0.0048	0.0037	0.0047	0.0049	0.0055	0.0056	0.0047	0.0041	0.0054	0.0054	0.0048	0.0050	0.0046	0.0057			0.0226	0.0159 (0.0130	0.0194 (0.0227	0.0210	0.0218		-	0.0225 (
0.0005	0.0006	0.0005 0	0.0006	0.0005 0	0.0007	0.0007	0.0006	0.0005 0	0.0007	0.0004 0	0.0006	0.0007	0.0006	0.0005 0	0.0005 0	0.0006	0.0006	0.0007	0.0007	0.0006	0.0005 0	0.0006	0.0006	0.0005 0	0.0006	0.0005 0	0.0007	0.0005 0	0.0010 0	0.0017 0	0.0010 0	0.0013 0	0.0012 0	0.0010 0	0.0011 0	0.0012 0		-	0.0012 0
-		_						_						_							-		-					_										-	-
0.6353	0.9020	0.9922	1.0767	0.7841	1.4704	1.3498	1.1704	1.0369	1.3122	0.8636	1.3298	1.5102		0.7535	0.7728	1.0656	1.1207	1.3001	1.3471	1.1095	0.9413	1.1627	1.1574	1.0298	1.1869	0.9481	1.4095	1.2579	2.7502	3.4198	1.6646	2.2965	2.2353	1.8814	2.1736	2.3870		-	2.3081
0.0382	0.0365	0.0380	0.0335	0.0317	0.0286	0.0335	0.0335	0.0354	0.0319	0.0271	0.0310	0.0299	0.0337	0.0309	0.0302	0.0310	0.0325	0.0318	0.0316	0.0309	0.0285	0.0320	0.0320	0.0315	0.0300	0.0300	0.0305	0.0244	0.0281	0.0190	0.0182	0.0156	0.0237	0.0240	0.0273	0.0222	0.0228	0.0203	0.0234
0.0066	0.0076	0.0067	0.0067	0.0000	0.0061	0.0000	0.0083	0.0069	0.0077	0.0056	0.0064	0.0066	0.0074	0.0057	0.0054	0.0061	0.0066	0.0071	0.0068	0.0059	0.0057	0.0062	0.0063	0.0061	0.0064	0.0061	0.0069	0.0038	0.0048	0.0058	0.0058	0.0046	0.0061	0.0063	0.0073	0.0049	0.0071	0.0063	0.0087
0.0056	0.0051	0.0049	0.0044	0.0041	0.0018	0.0046	0.0042	0.0052	0.0031	0.0024	0.0032	0.0035	0.0032	0.0026	0.0023	0.0032	0.0044	0.0027	0.0043	0.0030	0.0007	0.0032	0.0028	0.0028	0.0017	0.0029	0.0029	0.000.0	0.0020	0.1083	0.0673	0.0589	0.0850	0.0919	0.0765	0.1077	0.0872	0.0731	0.0531
0.1259	0.2200	0.2191	0.2334	0.1948	0.2550	0.2495	0.2654	0.2474	0.2819	0.1915	0.2243	0.2602	0.2837	0.1977	0.1946	0.2548	0.2613	0.3291	0.2928	0.2515	0.2616	0.2722	0.2977	0.2436	0.2740	0.2624	0.3093		0.2081	0.3062	0.1309	0.1770	0.2457	0.2154	0.1922	0.2736		-	0.2580
0.0176	0.0141 (0.0487 (0.0525 (0.0226 (0.0560	0.0757 (0.0835 (0.0874 (0.0727 (0.0944 (0.0961	0.1030 (0.0749 (0.0011	0.0115 (0.0403	0.0624 (0.0544 (0.0853 (0.0739	0.0088	0.0620	0.0864 (0.0903	0.1103 (0.0729 (0.1103 (0.0569 (0.0602 (0.000.0	0.000.0	0.000.0	0.000.0	0.000.0	0.000.0	0.000.0	-	-	0.0000
.8845 0	6.1540 0	10.6413 0	7.5100 0	6.5327 0	8.9222 0		9.7991 0	10.7669 0	7.9865 0	17.9272 0	9.3569 0	8.3089 0	9.0630 0	7.5291 0	6.2732 0	7.7508 0	9.3877 0	7.0279 0	9.4385 0	9.0142 0	6.0882 0	7.8047 0	8.6566 0	11.4680 0	11.0776 0	11.4654 0	9.8785 0	24.4531 0		1.0873 0	0.3002 0	0.7761 0	1.9369 0	1.4237 0	3.1418 0	1.9421 0	-	-	2.1022 0
9								i.																					•									-	-
1.3322	2.1136	1.6666	2.2404	1.5480	2.2095	2.1302	2.3725	2.0160	2.5701	1.4822	1.8391	2.3018	2.3591	1.4069	1.5442	2.1655	2.1657	2.7995	2.6394	2.1097	1.9531	2.3488	2.4227	2.0083	2.1887	1.9495	2.3783	0.9749	1.6082	3.8607	0.9543	1.6643	2.7627	2.9353	2.0184	3.4732	3.6039	3.7007	3.8131
0.3104	0.3347	0.4264	0.3734	0.2416	0.8329	0.7393	0.5386	0.4552	0.5460	0.6925	0.6283	0.7981	0.3910	0.2766	0.1705	0.3821	0.5674	0.3707	0.5167	0.5927	0.2876	0.7286	0.4042	0.4718	0.7071	0.3578	1.0103	1.2065	2.9785	1.6794	0.1589	0.4690	1.2810	1.4373	1.4775	1.6271	1.8649	1.5487	1.6727
0.0738	0.0672	0.1036	0.0749	0.0790	0.0897	2060.0	0.0844	0.0792	0.0847	0.0754	0960.0	0.0825	0.0813	0.0729	0.0599	0.0741	9990.0	0.0638	0.0792	0.0741	0.0732	0.0858	0.0614	0.0835	0.0847	0.0740	0.0914	0.0509	0.0632	0.0436	0.0190	0.0273	0.0421	0.0564	0.0565	0.0490	0.0777	0.0545	0.0816
21.1215	22.5663	21.1632	22.1518	16.6043	19.9038	22.0593	23.7453	22.6362	23.3582	15.3502	18.9085	20.4088	23.4275	14.7679	11.4429	18.9635	22.0680	24.2919	22.1089	21.6746	19.5634	23.7541	22.8886	21.5195	22.2949	21.0484	22.5168	10.9420	16.5640	17.1847	4.4219	5.3867	23.9713	29.4786	23.4923	24.0520		_	26.2323
2.0486	3.5173	3.1013	3.9650	2.0973	4.1183	4.0589	4.5593	3.8424	4.9094	3.2616	3.2343	4.3019	4.5357	2.2203	2.1419	3.6457	4.1331	5.1774	5.0122	3.9495	3.0381	4.6576	4.6744	4.0747	4.4727	3.8260	4.5819	2.2470	3.3270	4.8451	0.8093	1.0503	4.3778	4.8109	3.3769	5.7562		-	6.0323
1.3448	1.5276	2.8223	2.0535	0.6627	1.4936	2.0749	2.7903	2.1079	2.2108	1.1734	1.4049	1.8290	2.2582	0.5506	0.0000	1.0480	1.8688	1.8379	2.0928	1.6924	0.8197	2.1448	2.0267	2.2388	1.8941	1.4031	1.8890	1.2317	0.5459	0.2356	0.0000	0.0000	0.6134	0.5509	0.3799	0.8671	1.2846	0.6186	1.3830
0.6637	0.6007	0.5433	0.5919	0.7380	0.5607	0.5180	0.4315	0.4155	0.5289	0.4134	0.5763	0.5133	0.4901	0.6649	0.7437	0.609.0	0.4618	0.5124	0.4773	0.4879	0.6863	0.4965	0.4752	0.4841	0.4407	0.4724	0.4456	0.3119	0.2366	0.5875	1.1202	1.0048	0.5270	0.4747	0.5129	0.4601	0.4451	0.5131	0.4788
11291	11292	11293	11294	11295	11296	11298	11299	11300	11301	11302	11303	11304	11305	11306	11307	11308	11309	11310	11311	11312	11313	11314	11315	11316	11317	11318				11322	11323	11324	11325	11326	11327	11328			11331
19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918

0.0214	0.0263	0.0058	0.0125	0.0230	0.0046	0.0054	0.0048	0.0048	0.0107	0.0055	0.0044	0.0108	0.0048	9200.0	0.0080	0.0080	0.0062	0.0081	0.0073	0.0075	0.0074	0.0078	0.0074	0.0067	0.0067	0.0072	0.0065	0.0067	0.0082	0.0071	0.0077	0.0088	0.0072	0.0074	0.0057	0.0073	0.0073	0.0078
0.0000	-	0.0000.0	0.0000	0.0007 0.	0.0000.0	0.0000.0	0.0000	0.0000	0.0000	0.0000.0	0.0000.0	0.0026 0.	0.0011 0.	0.0031 0.	0.0028 0.	0.0031 0.	0.0035 0.	0.0026 0.	0.0025 0.	0.0023 0.	0.0020 0.	0.0014 0.	0.0023 0.	0.0013 0.	0.0010 0.	0.0025 0.	0.0028 0.	0.0017 0.			0.0013 0.	0.0008 0.	0.0014 0.	0.0011 0.	0.0032 0.	0.0012 0.	0.0012 0.	0.0013 0.
-	-																																					
3 0.0168	H	2 0.0175	2 0.0176	9 0.0093	9 0.0100	0 0.0155	3 0.0180	9 0.0178	1 0.0192	1 0.0188	7 0.0190		9 0.0035	0 0.0048	0.0050	2 0.0048	0 0.0037	4 0.0062	7 0.0037	8 0.0041	6 0.0042	4 0.0049	8 0.0044	4 0.0052	4 0.0059	8 0.0043	8 0.0035	0.0050			5 0.0057	4 0.0062	0.0051	4 0.0056	2 0.0030	3 0.0064	4 0.0053	5 0.0050
0.0013	-	0.0012	0.0012	0.0019	0.0019	0.0010	0.0013	0.0009	0.0011	0.0011	0.0017	0.0008	0.0039	0.0010	0.0009	0.0012	0.0010	0.0004	0.0007	0.0008	0.0006	0.0004	0.0008	0.0004	0.0004	0.0008	0.0008	0.0006	0.0007		0.0005	0.0004	0.0006	0.0004	0.0012	0.0003	0.0004	0.0005
2.6790	1.9026	2.2114	2.3996	3.9545	3.5324	1.7744	2.4420	1.6469	1.9876	2.0290	3.3347	1.4734	8.9068	1.8639	1.8135	2.2094	1.9649	0.5777	1.2906	1.4464	1.1219	0.3499	1.8519	0.6742	0.4243	1.6757	1.6353	1.2310	1.5010	0.7397	0.7419	0.6451	1.1455	0.6281	2.5492	0.4277	0.5953	1.0098
0.0205	0.0199	0.0215	0.0223	0.0158	0.0164	0.0258	0.0245	0.0259	0.0238	0.0248	0.0189	0.0327	0.0073	0.0240	0.0308	0.0227	0.0250	0.0361	0.0452	0.0468	0.0444	0.0488	0.0331	0.0415	0.0438	0.0362	0.0326	0.0393	0.0323	0.0409	0.0511	0.0409	0.0357	0.0370	0.0206	0.0394	0.0358	0.0367
0.0080	0.0084	0.0095	0.0094	0.0093	0.0089	0.0119	0.0118	0.0115	0.0117	0.0105	0.0081	0.0071	0.0084	0.0077	0.0068	0.0078	0.0071	0.0099	0.0034	0.0044	0.0032	0.0029	0.0056	0.0031	0.0043	0.0051	0.0052	0.0045	0.0048	0.0040	0.0038	0.0029	0.0041	0.0045	0.0072	0.0052	0.0036	0.0032
.0443	1	0.0389	0.0372	0.0216	0.0199	0.0231	0.0252	0.0257	0.0342	0.0350	0.0357	0.0021	0.0057	0.0006	0.0014	0.0010	0.000.0	0.0050	0.0017	0.0020	0.0025	0.0064	0.0000	0.0039	0.0027	0.0022	0.0000	0.0000			0.0059	0.0039	0.0033	0.0061	0.0000	0.0069	0.0034 (0.0048 (
0.2029	H	0.2020	0.2546 C	0.1624 0	0.2330	0.1899	0.2003	0.1787 0	0.1920	0.2188 C	0.2665	0.2855	0.2084 C	0.3203	0.2861	0.3312 0	0.3221	0.1360	0.2280 C	0.2009	0.1738 0	0.0679	0.2674 0	0.1446 C	0.1685 C	0.2738 0	0.2857	0.2947 C	0.2576 0		0.1294 C	0.1496 C	0.1655 C	0.1098 C	0.3215 0	0.0646 C	0.1284 C	0.1261 C
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0403 0	0.0000	0.0117 0	0.0706	0.0000	0.0273 0	0.0147 0	0.0414 0	0.0551 0	0.0473 0	0.0000	0.0564 0	0.0323 0	0.0530 0	0.0635 0	0.0726 0	0.1136 0	0.0369 0	0.0321 0	0.0311 0	0.0440 0	0.0488 0	0.0000	0.0000	0.0211 0	0.0361 0	0.0378 0
.2315 0.		1.0637 0.	1.1351 0.	3.4926 0.	0.9979 0.	0.3593 0.	0.9968 0.	0.3901 0.	0.5965 0.	0.5002 0.	1.2407 0.	7.2896 0.	5.6049 0.	3.4897 0.	7.5378 0.	1.9670 0.	3.4838 0.	6.5338 0.	11.6028 0.	12.9543 0.	14.4649 0.	16.2641 0.	11.6975 0.	17.2504 0.	15.6406 0.	12.4682 0.	11.6223 0.	14.9778 0.			17.3714 0.	18.5365 0.	5.8923 0.	17.4849 0.	4.3139 0.	17.9475 0.	18.0892 0.	19.4534 0.
က	0																					Ė								_			_			-		
2.3910	-	2.8531	3.3646	1.7065	2.9129	2.6403	2.7420	2.4445	2.7987	3.2922	4.0088	3.0929	1.9144	4.3333	3.5766	4.5093	4.5540	1.2370	2.3194	2.2381	1.9580	0.5430	2.3972	1.1476	0.9679	2.4998	2.4523	1.7950	2.2738	1.5579	1.3314	0.8458	1.4753	1.0147	3.7129	0.5706	0.7803	1.2502
1.5174	1.0573	1.6927	1.6250	4.3200	4.1415	1.2272	1.7936	1.0889	1.3342	1.3521	2.4250	0.4709	12.2630	0.4188	0.8707	0.5299	0.5886	0.3633	0.3045	0.4240	0.3001	0.9733	0.5030	0.2760	0.2242	0.2804	0.2836	0.2574	0.2621	0.2401	0.2347	0.2752	0.6609	0.2550	0.6957	0.3169	0.2199	0.3943
0.0669	0.0459	0.0903	0.0681	0.0764	0.0568	0.0401	0.0538	0.0489	0.0511	0.0611	0.0663	0.0662	0.1064	0.0385	0.0976	0.0419	0.0572	0.0769	0.0901	0.0819	0.0778	0.0941	0.0803	0.0778	0.0454	0.0778	0.0674	0.0819	0.0685	0.0533	0.0602	0.0506	0.0670	0.0897	0.0399	0.0479	0.0825	0.0626
15.3187	15.1797	25.5653	26.9331	19.9496	21.2691	31.5691	29.4621	33.6401	31.4158	29.4075	23.7390	15.2037	10.0522	21.7692	20.3433	20.7796	22.8842	22.1527	14.1470	13.3607	12.5246	9.3392	14.1073	11.6629	14.0463	14.6820	16.6771	14.2870	13.0357	12.7706	12.6350	9.0587	12.7892	11.4753	19.1402	12.5835	9.7211	8.5196
2.7850 1		4.2191	5.3511	2.8258 1	4.6951	4.1185	3.8923	3.8084	4.3684	4.7385	6.3035	3.7744	3.1696	6.4481		6.5141	7.5328 2	2.0691	3.7775	3.6293	3.3470 1	1.0162	4.0288	2.2741 1	1.8404	4.3769 1	4.9364				2.1925	1.2854	2.4847	1.7369 1	6.4734 1	1.1406	1.3176	1.8626
0.0000		0.2732 4	0.9042	0.3478 2	0.5317	0.0398	0.2893	0.2954	0.2357 4	0.5181 4	0.6047		1.9895	0.7173 6	2.3036	0.8377	1.4650 7	1.4815	3.6438	4.0693	4.7701	4.9744	3.6836 4	7.2351	6.0624	4.5571 4	4.9614	6.4422			7.5484	5.6261 1	6.3045	6.5254 1	1.8479 6	7.7151 1		7.8473 1
0.5963 0.		0.5513 0.	0.4404 0.	0.3387 0.	0.3901 0.	0.5075 0.	0.4495 0.	0.4425 0.	0.4320 0.	0.5255 0.	0.4023 0.	0.6189 0.	0.0000	0.6197 0.	0.4834 2.	0.6693	0.6054 1.	0.5661 1.	0.5872 3.	0.4989 4.	0.4839 4.	0.4413 4.	0.5348 3.		0.3915 6.	0.4789 4.	0.4612 4.	0.4141 6.	0.5537 3.		0.4195 7.	0.4157 5.	0.4145 6.	0.4401 6.	0.5604 1.	0.3992 7.	0.4317 6.	0.4132 7.
11332 0.5		11334 0.5	11335 0.4	11336 0.3	11337 0.3	11338 0.5	11339 0.4	11340 0.4	11341 0.4	11342 0.5	11343 0.4		11345 0.0	11346 0.6	11347 0.4	11348 0.6	11349 0.6	11350 0.5	11351 0.5	11352 0.4	11353 0.4	11354 0.4	11355 0.5	11356 0.4	11357 0.3	11358 0.4	11359 0.4	11360 0.4			11363 0.4	11364 0.4	11365 0.4	11366 0.4	11367 0.5	11368 0.3	11369 0.4	11370 0.4
19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918

62	200	171	990	172	65	290	17	080	290	22	68	290	020	84	173	920	178	83	82	182	178	902	89	160	980	19	173	62	82	99	22	172	260	62	920	620	17	174	980
0.0079	+	0.0071	0.0066	0.0072	0.0059	0.0067	0.0071	0.0080	0.0067	0.0057	0.0089	0.0067	0.0070	0.0084	0.0073	0.0076	0.0078	0.0083	0.0082	0.0082	0.0078	0.0065	0.0068	0.0091	0.0080	0.0061	0.0073	0.0079	0.0078	0.0066	0.0077	0.0072	0.0097	0.0079	0.0076	0.0079	0.0071	0.0074	0.0086
0.0021	0.0022	0.0029	0.0043	0.0037	0.0040	0.0017	0.0005	0.0021	0.0017	0.0024	0.0012	0.0025	0.0031	0.0024	0.0023	0.0030	0.0026	0.0025	0.0025	0.0027	0.0024	0.0027	0.0032	0.0020	0.0027	0.0023	0.0025	0.0019	0.0024	0.0015	0.0025	0.0029	0.0025	0.0020	0.0017	0.0012	0.0034	0.0024	0.0018
0.0049	0.0054	0.0045	0.0051	0.0041	0.0046	0.0065	0.0059	0.0052	0.0066	0.0050	0.0074	0.0051	0.0035	0.0041	0.0043	0.0039	0.0038	0.0038	0.0049	0.0041	0.0041	0.0043	0.0032	0.0050	0.0042	0.0075	0.0040	0.0047	0.0039	0.0053	0.0047	0.0037	0.0047	0.0044	0.0050	0.0053	0.0032	0.0039	0.0048
0.0005	0.0008	0.0007	60000.0	0.0008	0.0007	0.0003	0.0003	0.0007	0.0003	0.0003	0.0003	0.0005	0.0010	600000	0.0010	0.0011	0.0010	0.0010	0.0013	0.0013	0.0012	0.0012	0.0012	0.0013	0.0013	0.0003	0.0010	0.0008	0.0010	0.0005	0.0010	0.0012	0.0009	0.0008	0.0007	900000	0.0012	0.0010	600000
0.9864	1.0038	1.5815	1.8775	1.8021	1.6037	0.3194	0.4397	1.5729	0.3061	0.4528	0.3269	1.0214	2.1625	2.0213	2.3125	2.5224	2.2118	2.1621	2.8165	2.9996	2.8224	2.6755	2.6544	3.1108	3.0045	0.3167	2.1976	1.9732	2.3352	1.0549	2.2801	2.5575	2.1729	1.8989	1.7704	1.5016	2.4996	2.3038	2.0409
0.0322	0.0297	0.0292	0.0301	0.0265	0.0287	0.0412	0.0410	0.0316	0.0368	0.0386	0.0394	0.0366	0.0289	0.0300	0.0331	0.0316	0.0325	0.0287	0.0266	0.0298	0.0316	0.0258	0.0263	0.0315	0.0287	0.0395	0.0287	0.0354	0.0300	0.0345	0.0282	0.0285	0.0296	0.0283	0.0318	0.0320	0.0259	0.0271	0.0316
0.0052 (+	0.0063	0.0069	0.0062	0.0059	0.0062	0.0032	0.0058	0.0067	0.0046	0.000.0	0.0048	0.0063	0.0054	0.0052	0.0057	0.0049	0.0057	0.0077	0.0072	0.0057	0.0000	0.0069	0.0064	0.0064	0.0077	0.0063	0.0047		0.0000	0.0064	0.0067	0900.0	0.0052	0.0058	0.0045		0.0053 (0.0048
0.0000 (+	0.0010	0.0000	0.0000	0.0000	0.0102	0.0045 (0.0017	0.0075	0.0057	0.0107	0.0083	0.0023 (0.0008	0.0000	0.0021	0.0008	0.0014 (0.0003	6000.0	0.0024	0.0015 (0.0015 (0.0034 (0.0027	0.0115 (0.0014 (0.0029	0.0028 (0:000:0	0.0000	0.0010	0.0013 (0.0017	0.0035 (0.0068		0.0000	0.0031
	-	0.2608	0.3594 (0.3176 (0.2910	0.0475	0.0837	0.2648 (0.0750	0.0788	0.0596	0.1309 (0.3007	0.2887 (0.3082	0.3171 (0.2607	0.2339 (0.3549 (0.3264 (0.2665 (0.3062	0.3045 (0.2837 (0.2976	0.1345 (0.2944	0.2168 (0.2259 (0.1786 (0.3324 (0.3208	0.3102 0	0.2247 (0.2136 0	0.1141 (0.2727	0.2267
0.0795 0	-	0.0534	0.0865	0.0486 C	0.0966	0.0000	0.0330	0.0903	0.0000	0.0000	0.0000	0.0148 C	0.0612	0.0388	0.0636	0.0605	0.0623	0.0547	0.0562	0.0102	0.0632 C	0.0443	0.0185 C	0.0690	0.0388	0.1676 0	0.0731	0.0645	0.0316 C	0.0604 C	0.1043 C	0.0488	0.1280	0.0533	0.0857	0.0134 0		0.0652 0	0.0617
13.7843 0	+		9.5308 0	10.0572 0	13.9422 0	14.3689 0	20.3730 0	12.8964 0	13.1059 0	17.5370 0	13.5672 0	15.1930 0	10.4608 0	9.7459 0	11.2395 0	10.0339 0	13.1184 0	10.6208 0	4.9805 0	8.4032 0	11.8232 0	8.1562 0	8.8823 0	12.9368 0	10.9173 0	10.8205 0	10.8946 0	16.1190 0	14.4892 0	16.5413 0	10.2865 0	8.8077 0	11.3867 0	14.9512 0	16.1716 0	17.1835 0		12.8052 0	13.7460 0
1.5721 13	+		3.3422 9.	3.0563 10	2.7249 13	0.5378 14	0.4557 20	2.5346 12	0.8735 13	0.5490 17	0.7399 13	1.3981 15	3.3456 10	3.1125 9.	3.1499 11	3.4214 10	2.7465 13	2.7449 10	3.8222 4.	3.5733 8.	2.6506 11	3.8331 8.	3.8415 8.	2.6702 12	2.9962 10	0.7885 10	3.4523 10	1.9603 16	2.5182 14	0.9307 16	2.8037 10	3.3737 8.	2.6898 11	1.8075 14	.9011 16	1.1585 17		2.4615 12	1.8403 13
0.1895 1.5	+	0.2153 2.5	0.1435 3.3	0.1128 3.0	0.1529 2.7	0.2653 0.5	1.1408 0.4	0.1159 2.5	0.2458 0.8	0.5596 0.5	0.1955 0.7	0.2463 1.3	0.0951 3.3	0.1022 3.7	0.1044 3.	0.1027 3.4	0.1218 2.7	0.1156 2.7	0.0736 3.8	0.0941 3.5	0.1099 2.6	0.0759 3.8	0.0777 3.8	0.1383 2.6	0.1085 2.9	0.2417 0.7	0.1020 3.4	0.1478 1.9	0.1260 2.5	0.1719 0.9	0.1110 2.8	0.0811 3.3	0.1226 2.6	0.1429 1.8	0.1748 1.9	0.1883 1.7		0.1197 2.4	0.1434 1.8
	-																																						
0.0733	0.061	0.0698	0.0761	0.0837	0.0648	0.0895	0.0387	0.0774	0.0838	0.0620	0.0716	0.0693	0.0792	0.0787	0.0630	0.0660	0.0574	0.0654	0.0377	0.0783	0.0694	0.0357	0.0498	0.0598	0.0667	0.0999	0.0601	0.0799	0.0687	0.0708	0.0871	0.0559	0.0473	0.0726	0.0524	0.0592	0.0519	0.0466	0.0386
12.8513	19.14/5	15.5384	18.8064	15.8627	15.0776	16.9393	8.4101	15.5956	18.3215	11.3664	15.9732	14.5180	17.1903	15.0148	16.2875	16.5441	13.9312	13.1866	17.2103	16.8430	14.7485	19.2485	18.2124	12.0169	14.9221	22.8093	17.3914	11.8324	12.8791	13.3884	18.0445	17.9936	12.3000	11.7871	12.8208	11.3296	18.6034	13.2510	11.4451
2.5445	_		5.3406	4.7786	4.8926	0.9786	0.7704	4.2975	1.4749	0.8642	1.4104	2.2201	5.8332	4.4677	5.3897	5.3929	4.3498	3.9406	5.4053	5.2193	4.4288	6.3315	6.2348	3.6023	4.6477	1.3981	5.5483	3.4080	3.9461	1.7698	4.9279	5.8313	3.7918	3.1839	3.5824	2.2736	5.8511	3.9379	3.0155
3.5049	4.1590	4.2112	3.8574	3.6417	4.9277	6.5772	8.7399	5.0343	5.0447	7.3190	4.3416	5.9870	4.2361	3.1743	4.5885	3.6934	4.3338	2.9890	1.2784	3.0900	4.4011	3.2668	3.8935	3.2171	4.3098	5.4665	5.2514	6.0953	5.9761	7.5507	4.8729	4.0710	2.9443	6.2455	5.7537	7.4471	2.4049	4.2281	3.8153
0.4960			0.5346	0.5640	0.4349	0.4354	0.3919	0.4936	0.4425	0.4100	0.4285	0.4480	0.5535	0.5935	0.4995	0.5178	0.4630	0.5975	0.6015	0.6158	0.4870	0.5114	0.5002	0.5034	0.5111	0.4615	0.4827	0.4543	0.4846		0.5178	0.4827	0.4818	0.4678	0.4175	0.4067			0.4101
11373			11376	11377	11378	11379	11380	11381	11382	11383	11385	11386	11387	11388	11389	11390	11391	11392	11393	11394	11395	11396	11397	11398	11400	11401	11402	11403	11404	11405	11406	11407	11408	11409	11410	11411		11413	11414
19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918

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0.0079	0.000	0.00.0		0.0030	0.00	0.0074	0.0066	0.0075	0.0079	0.0070	0.0087	0.0076	0.0070	0.0083	0.0084	0.0064	0.0076	0.0085	0.0068	0.0062	0.0058	0.0064	0.0057	0.0064	0.0086	0.0072	0.0072	0.0060	0.0065	0.0065	0.0068	0.0079	0.0067	0.0078	0.0062	0.0082	0.0067	0.0058	0.0013
0.0023	0.0020	0.0020	0.00	7100.0	0.000	0.0015	0.0018	0.0025	0.0011	0.0021	0.0023	0.0014	0.0028	0.0031	0.0029	0.0032	0.0034	0.0030	0.0033	0.0034	0.0037	0.0036	0.0035	0.0032	0.0028	0.0030	0.0032	0.0031	0.0027	0.0033	0.0035	0.0038	0.0018	0.0025	0.0024	0.0032	0.0030	0.0033	0.0017
0.0034	0.0000	0.0034	1 0000	0.0000	0.0000	0.0047	0.0052	0.0040	0.0058	0.0042	0.0044	0.0052	0.0030	0.0031	0.0029	0.0033	0.0039	0.0035	0.0021	0.0018	0.0015	0.0014	0.0023	0.0023	0.0031	0.0030	0.0025	0.0020	0.0028	0.0022	0.0015	0.0016	0.0039	0.0036	0.0029	0.0025	0.0026	0.0026	0.0003
0.0006	0.000	8000	9000	0.0000	0.0008	0.0005	0.0004	0.0008	0.0005	0.0006	0.0009	0.0005	0.0009	0.0011	0.0010	0.0011	0.0015	0.0012	0.0010	0.0010	0.0015	0.0013	0.0020	0.0018	0.0016	0.0019	0.0018	0.0012	0.0012	0.0014	0.0007	0.0016	0.0004	0.0010	0.0005	0.0012	0.0012	0.0004	0.0001
1.1524	1 07/1/	1 7709	1010	0.2123	2.0450	0.9375	0.5211	1.6826	0.8746	1.3165	2.0564	0.9896	1.8171	2.2163	2.1360	2.4143	3.1728	2.5189	2.4935	2.4544	3.6351	3.3691	4.3327	4.2473	4.1740	4.5372	4.2275	3.1650	2.9071	3.1524	1.9893	3.6228	0.8085	2.4888	1.0607	2.8554	2.8602	0.7883	0.1466
0.0289	0.0200	0.0270	0.000	7100.0	0.0200	0.0338	0.0343	0.0327	0.0378	0.0339	0.0309	0.0396	0.0340	0.0291	0.0343	0.0258	0.0241	0.0428	0.0234	0.0233	0.0202	0.0196	0.0208	0.0198	0.0220	0.0224	0.0235	0.0248	0.0310	0.0239	0.0230	0.0214	0.0354	0.0314	0.0306	0.0264	0.0238	0.0227	0.0186
0.0026	0.000	00000	0.000	0.0045	0.000	0.0038	0.0059	0.0051	0.0040	0.0046	0.0059	0.0040	0.0045	0.0053	0.0044	0.0062	0.0082	0.0047	0.0054	0.0045	0.0063	0.0056	0.0079	0.0076	0.0063	0.0074	0.0065	0.0043	0.0052	0900'0	0.0029	0.0071	0.0029	0.0053	0.0027	0.0052	090000	0.0010	0.0038
0.0037	00000	0.0000	0.000	0.0000	0.0000	0.0032	0.0000	0.0018	0.0061	0.0030	0.0017	0.0047	0.0020	0.0012	0.0016	0.0003	0.0000	0.0059	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0021	0.0022	0.0011	0.0023	900000	0.0000	0.0000	0.0000	0.0018	0.0000	0.0013	0.0000	0.0000	0.0000	0.0014
0.1186	0.2020	0.2034	0.2040	0.1900	0.5000	0.1546	0.0885	0.2121	0.1032	0.1825	0.2708	0.1216	0.2152	0.2725	0.2294	0.3171	0.4392	0.2883	0.2898	0.2629	0.3406	0.2786	0.3671	0.3431	0.2847	0.3480	0.3037	0.2440	0.2297	0.3099	0.1668	0.3082	0.1353	0.2835	0.1180	0.2964	0.2817	0.0712	0.0068
0.0000	90700	0.0400	0.1.00	0.0000	0000.0	0.0447	0.1048	0.0325	0.0030	0.0395	0.0593	0.0211	0.0414	0.0304	0.0001	0.0668	0.0000	0.0400	0.0682	0.0809	0.0180	0.0844	0.0075	0.0141	0.0416	0.0154	0.0387	0.1933	0.0483	0.0351	0.0402	0.0000	0.0085	0.0831	0.0046	0.0863	0.0620	0.0000	0.0000
13.5337	7.00.0 10.420E	14 9934	10000	12.97.50	0.4557	17.5465	13.8547	12.9616	17.4753	15.3190	11.3345	17.1377	12.8141	7.8636	10.9482	7.6950	2.6031	9.5633	13.1898	14.5162	10.4732	12.3826	3.9439	7.4116	11.6232	6226.7	9.4511	15.6261	13.9197	9.5692	24.1740	6.9276	22.4230	13.6167	23.6391	13.3747	11.7711	29.5552	19.9448
0.9194 7	+	-	+	-	+	-	0.9148	2.1403	1.1580	1.6534	2.8902	1.1179	2.2976	3.5232	2.4376	3.5824	4.0045	3.1959	2.7625	2.5285	2.9401	2.7081	3.4311	2.9571	2.2894	2.9793			2.1854 1		1.8833	3.2763	0.8176	2.2193	0.9752	2.6154	2.7245	0.8448	0.0000
0.1594	+	+	+	+	+	-	0.3595	0.1287	0.1647	0.1515	0.1125	0.1934	0.1197	0.0881	0.0995	0.2642	0.3679	0.2547	0.1250	0.1226	0.0763	0.3031	0.0488	0.0660	0.1263	0.1042		0.2185	0.1552		0.3462	0.0672	0.2339	0.1358	1.4059	0.1184	0.1071	1.3136	18.3501
0549	+	-	1		4	-	.0421	.0621	.0323	.0182	.0552 (.0153 (0.0358	.0407	0.0286	0.0509	0.0276	0.0279	0.0575	0.0456	0.0293	.0471 (0.0129 (_			.0334 (.0253 (.0114	.0311 (.0109	.0581 (.0462	. 0000	.0065
9.8639 (13 000 4	0.000	3.4023	10.2370	00000	10.1759 (16.3623 (13.6663 (9.8213 (12.0856 (12.6791 (10.2324 (12.8922	15.2432 (11.3967 (18.0544 (20.6112 (13.3972 (14.6003 (14.3914 (16.2703 (14.0271 (18.6777 (15.6368 (11.1360 (14.4648 (14.0532 (12.5026 (12.4287 (16.6443 (8.1702 (13.2664 (8.8125 (12.8038 (8.0891	11.7913 (14.7396 (4.8763 (0.4894 (
1.6402 9	-	_	-		-	-	1.4511	3.1664 1:	1.5448		3.7213 1	1.6100 1	3.8795	4.8046	3.4189 1	5.7704 1	6.4368 2	4.5680 1:	4.7066 1	4.6375 1	5.2860 1	4.5943 1			3.7159 1	4.7966 1					2.4444 8		1.5199			3.9273 1	5.1499 1	1.4584 4	0.3384 (
4.6690 1 3.5992 4	+	-	+	-	-		6.1524 1	4.6812 3	5.3678 1	4.9993 2	2.9316 3	5.5063 1	4.2986 3	2.3928 4	2.2569 3	1.7751 5	0.9228 6	1.8629 4	1.3075 4	1.3865 4	1.1579 5	1.0563 4	1.4342 5		2.2909 3	1.8374 4	2.6072 4						4.1613 1	3.0969 4	3.2023 1	1.7273 3	2.2065 5		0.3837 0
0.4834 4	-	_	+	+	-		0.3752 6	0.4311 4	0.3836 5	0.3641 4	0.4764 2	0.3549 5	0.4011 4	0.5079 2	0.4445 2	0.4817 1	0.4636 0	0.4489 1	0.4406 1	0.4049 1	0.3796 1	0.4329 1	0.4560 1		0.4116 2	0.4355 1			0.3927 3		0.3313 0		0.3149 4	0.3871 3	0.2837 3	0.4934 1	0.4410 2	0.2176 1	0.0000
11415 0			-	_			11422 0	11423 0	11424 0	11425 0	11426 0	11427 0	11428 0	11429 0	11430 0	11431 0	11432 0	11433 0	11434 0	11435 0	11436 0	11437 0	11438 0	11439 0	11440 0	11441 0	11442 0	11443 0	11444 0		11446 0		11448 0	11449 0	11450 0	11451 0	11452 0	11453 0	11454 0
19918							19918	19918	19918	19918	19918	19918	19918		19918	19918	19918	19918	19918	19918	19918												19918		19918	19918			19918

77		4	63	88	33	61	99	90	<u>8</u>	23	11	.18	20	80	99	92	15	20	92	26	74	87	69	69	00	69	29	4	24	64	69	61	11	64	09	99	69	63	20
0.0077	+	-	0.0063	0.0088	0.0033	0.0061	0.0066	0.0080	0.0081	0.0023	0.0071	0.0078	0.0070	0.0080	0.0066	0.0076	0.0015	0.0070	0.0076	0.0056	0.0074	0.0087	0.0069	0.0069	0.0000	0.0069	0.0067	0.0004	0.0024	0.0064	0.0069	0.0061	0.0071	0.0064	0.0060	0.0068	0.0069	0.0063	0.0070
0.0029	0.0033	0.0023	0.0030	0.0022	0.0036	0.0030	0.0025	0.0025	0.0011	0.0011	0.0023	0.0020	0.0022	0.0026	0.0033	0.0030	0.0015	0.0017	0.0028	0.0023	0.0025	0.0020	0.0025	0.0029	0.0006	0.0031	0.0029	0.0006	0.0021	0.0021	0.0026	0.0019	0.0029	0.0026	0.0031	0.0031	0.0032	0.0023	0.0027
0.0027	0.0010	0.0032	0.0028	0.0039	0.0000	0.0025	0.0034	0.0035	0.0052	0.0019	0.0040	0.0044	0.0038	0.0033	0.0025	0.0034	0.0009	0.0047	0.0036	0.0043	0.0042	0.0048	0.0037	0.0035	0.0010	0.0030	0.0032	0.0013	0.0012	0.0037	0.0037	0.0036	0.0033	0.0035	0.0029	0.0031	0.0028	0.0039	0.0038
0.0009	0.0011	0.0007	0.0011	0.0011	0.0003	0.0011	0.0009	0.0009	0.0007	0.0003	0.0008	0.0012	0.0011	0.0011	0.0016	0.0013	0.0002	9000.0	0.0010	0.0003	0.0010	0.0009	0.0011	0.0012	0.0001	0.0011	0.0011	0.0002	0.0005	0.0010	0.0012	0.0009	0.0013	0.0011	0.0013	0.0014	0.0019	0.0011	0.0012
2.3718	2.03/3	1.6451	2.9212	2.8000	0.4768	2.6958	2.3089	2.1918	1.7292	0.6555	1.9016	2.9775	2.7405	2.7167	3.8291	2.8641	0.1448	1.3083	2.3779	0.5688	2.2259	2.2889	2.6302	2.7596	0.1397	2.6498	2.4413	0.2412	1.2148	2.4299	2.8586	2.1793	2.9971	2.6389	2.9943	3.1404	4.2394	2.7716	2.8494
0.0236	0.0190	0.0289	0.0230	0.0257	0.0184	0.0245	0.0271	0.0272	0.0335	0.0211	0.0286	0.0286	0.0273	0.0279	0.0239	0.0257	0.0195	0.0338	0.0287	0.0320	0.0276	0.0322	0.0280	0.0252	0.0198	0.0259	0.0248	0.0202	0.0217	0.0239	0.0247	0.0261	0.0284	0.0270	0.0249	0.0256	0.0220	0.0290	0.0274
0.0049	0.000	0.0036	0.0056	0.0061	0.0031	0.0055	0.0059	0.0053	0.0040	0.0033	0.0055	0.0055	0900.0	0.0056	0.0000	0.0071	0.0019	0.0051	0.0047	0.0042	0.0055	0.0057	0900.0	9900.0	0.0028	0.0063	0.0062	0.0044	0.0046	0.0057	0.0063	0.0056	0.0054	0.0065	0.0057	0.0071	0.0079	0.0057	0.0067
0.0008	0.0000	0.0022	0.0008	0.0017	0.0000	0.0000	600000	0.000.0	0.000.0	0.0018	0.0018	0.0031	0.0007	0.0000	0.0019	0.000.0	0.0026	0.0050	6900'0	0.0039	0.0025	0.0020	0.0023	0.0017	0.0045	0.000.0	0.0010	0.0022	900000		0.0020	0.0004	0.0018	0.0014	0.0011	0.0015		0.0026	0.0007
0.2368	0.2744	0.1473	0.2175	0.2424	0.0355	0.2489	0.2435	0.2480	0.1394	0.0705	0.2426	0.2310	0.2309	0.2387	0.2824	0.2891	0.0174	0.1583	0.2400	0.1010	0.2311	0.2244	0.2215	0.2729	0.0188	0.2765	0.2766	0.0294	0.1444	0.2034	0.2591	0.2250	0.2571	0.2395	0.2735	0.2574	0.3287	0.2413	0.2575
0.0565	0.0774	0.0296	0.0555	0.0671	0.0000	0.0516	0.0481	0.0608	0.0369	0.0000	0.0629	0.0551	0.0458	0.0178	0.0357	0.0327	0.0000	0.1054	0.2571	0.0244	0.0558	0.0712	0.0279	0.0956	0.0000	0.0510	0.0144	0.0000	0.0282	0.0519	0.0211	0.0356	0.0441	0.0448	0.0127	0.0503		0.0441	0.0359
15.7556	2.1009	14.9366	13.6937	13.3264	15.0010	12.8030	13.5407	12.5389	17.2056	19.9138	12.6366	13.5288	12.6212	11.7722	9.2349	8.0533	19.7435	16.1830	10.2909	17.2128	11.9545	13.8474	12.7565	9.3133	22.5826	10.4776	10.0219	21.8547	17.7948	13.8555	11.0667	13.6010	10.3017	11.1422	10.3186	9.9052	6.2042	12.1594	10.8997
2.3815 1	-	-	1.8328 1	1.9607	0.2776	2.2781 1	2.0645 1	1.9212 1	1.1820 1	0.4386	2.2100 1	1.9030 1	2.0963 1	1.9079 1	2.8514	3.1864	0.0225 1	1.3011	2.4404	0.6868	2.4447	2.2155 1	1.9637	2.8559	0.0227	2.6192	2.6696 1	0.1363 2	1.0013 1	1.9127	2.4880	1.8290	2.5113 1	2.4307 1	2.5196 1	2.8798		2.1403 1	2.4821 1
0.1904	+		0.3751	0.1751	15.2585 (0.1670	0.2785	0.2967	0.5397	16.6210 (0.1916	0.1917	0.1689	0.4547	0.1118	0.1085	18.2485 (1.3212	0.5584	4.8960 (0.1603 2	0.1732	0.4568	0.2704	18.6509 (0.1475	0.1333	18.5944 (5.0246	1.5541	0.2871	6.1736	0.1338	0.1329	1.3153	0.1110		0.2857	0.1312
0569 (+	_	.0249	.0532 (.0000	.0474	.0571	0566	0363	.0000	.0486	.0180	.0456	.0455 (.0385	0396	.0000	.0630	.0457	7 2/20.	.0434	0578	.0625 (.0567	.0000	.0511 (.0511	.0000	.0000	.0581	.0381	.0471 6	0630		.0695	.0447		.0547	.0436
11.4357 0	0 6666	8.6666 0	12.2995 0	11.0468 0	2.4388 0	14.4382 0	14.2604 0	11.1710 0	8.2811 0	2.6687 0	15.7974 0	11.8663 0	13.8130 0	11.2689 0	15.2909 0	16.5446 0	0.6167 0	13.8218 0	14.8401 0	10.4005 0	15.1163 0	12.0099 0	14.8068 0	16.8449 0	0.0668 0	17.0673 0	17.0018 0	0.4699 0	5.3075 0	13.1024 0	16.2268 0	11.7244 0	16.5628 0	16.6668 0	16.3356 0	17.2103 0	16.7762 0	15.6791 0	15.2167 0
4.0914 11	-		3.7931 12	3.1824 11	0.9873 2	4.4896 14	4.1423 14	3.1620 11	2.2239 8	0.9946 2	4.0694 15	3.3310 11	4.1222 13	3.0382 11	4.7710 15	5.3787 16	0.3807 0	2.3985 13	3.8657 14	1.3349 10	4.2393 15	3.1016 12	3.5875 14	4.8946 16	0.1516 0	4.8212 17	4.7194 17		1.7193 5	3.4155 13		3.1232 11	4.4274 16	4.1614 16	4.1686 16	4.7186 17			3.9042 15
3.0775 4.0	-	-	3.3373 3.7	2.9260 3.7	0.0000	3.8831 4.4	4.6872 4.	2.9432 3.	5.3717 2.3	1.0047 0.9		3.4922 3.3	4.2020 4.	3.0651 3.0	3.3863 4.7	2.8043 5.3	0.0000.0	6.0829 2.3	3.1555 3.8	5.4019 1.3	3.6802 4.3	3.7232 3.	4.9794 3.8	3.5600 4.8	0.0000	3.5265 4.8			0.9190 1.7	4.4093 3.4	3.4137 4.0	2.7805 3.		4.5548 4.		3.3500 4.7			3.3742 3.9
	-										39 4.4727																												
0.4342			0.3743	0.4565	0.0000	0.4204	0.4373	0.5060	0.4087	0.0000	0.4239	3 0.3763	0.4448	0.4679	0.4526	0.4943	0.0000	0.3678	0.4078	0.2691	0.4313	3 0.4387	0.4314	0.4432	0.0000	0.4288	3 0.4739	0.0000		0.3958	3 0.3807	0.1671	0.4777	0.4322	3 0.4006	0.4140		0.4211	0.4235
11455	11400	11457	11458	11459	11460	11461	11462	11463	11464	11465	11466	11468	11469	11470	11471	11472	11473	11474	11475	11476	11477	11478	11479	11480	11481	11482	11483	11485	11486	11487	11488	11489	11490	11492	11493	11494	11495	11496	11497
19918	0166	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918

ကြွ		CI.	6	CI.	_	C	on	(0	9	ζI	C	_	4	CI.	0	æ	4	CI.	C	_	0	CI.	_	ć	ന	6	_	C	\sim	CI.	က	_	CI.	m	CI.	g	\sim	c	co
0.0038	0.0071	0.0002	0.0069	0.0012	0.0071	0.0000	0.0068	0.0086	0.0079	0.0072	0.0000	0.0067	0.0064	0.0082	0.0069	0.0078	0.0074	0.0072	0.0090	0.0071	0.0069	0.0072	0.0067	0.0066	0.0068	0.0089	0.0077	0.0060	0.0013	0.0072	0.0068	0.0071	0.0072	0.0073	0.0072	0.0078	0.0080	0.0076	0.0076
0.0022	0.0027	0.0014	0.0030	0.0015	0.0030	0.0013	0.0025	0.0030	0.0032	0.0032	0.0014	0.0030	0.0029	0.0023	0.0028	0.0020	0.0022	0.0022	0.0016	0.0027	0.0030	0.0028	0.0028	0.0025	0.0027	0.0026	0.0034	0.0034	0.0013	0.0023	0.0033	0.0027	0.0033	0.0035	0.0030	0.0015	0.0028	0.0023	0.0025
0.0018	0.0035	0.0003	0.0032	0.0008	0.0032	0.0002	0.0039	0.0038	0.0038	0.0027	0.0001	0.0023	0.0028	0.0038	0.0034	0.0041	0.0038	0.0038	0.0052	0.0034	0.0031	0.0030	0.0031	0.0031	0.0028	0.0039	0.0022	0.0018	0.0010	0.0037	0.0023	0.0033	0.0024	0.0028	0.0032	0.0051	0.0032	0.0050	0.0043
0.0008	0.0010	0.0001	0.0014	0.0002	0.0009	0.0001	0.0009	0.0010	0.0010	0.0012	0.0002	0.0013	0.0014	0.0013	0.0015	0.0010	0.0010	0.0008	0.0008	0.0011	0.0011	0.0008	0.0010	0.0009	9000.0	0.0010	0.0013	0.0009	0.0001	0.0011	0.0016	0.0014	0.0015	0.0018	0.0014	0.0011	0.0014	0.0012	0.0012
1.9244	2.4238	0.1384	2.9036	0.3839	2.0681	0.1553	1.9589	2.2383	2.0215	2.9064	0.1281	3.2385	3.6028	3.1894	3.5695	2.4501	2.4901	1.8422	1.9253	2.3091	2.4241	2.0122	2.2790	1.9677	1.4745	2.5082	3.1326	2.4000	0.1417	2.6837	3.9238	3.4748	3.5211	4.0269	3.3171	2.7803	3.4255	2.7077	2.9681
0.0218	0.0269	0.0195	0.0248	0.0202	0.0279	0.0190	0.0283	0.0303	0.0330	0.0248	0.0192	0.0209	0.0226	0.0322	0.0271	0.0320	0.0298	0.0301	0.0354	0.0350	0.0259	0.0291	0.0275	0.0235	0.0276	0.0269	0.0222	0.0208	0.0195	0.0269	0.0225	0.0260	0.0243	0.0232	0.0239	0.0294	0.0269	0.0313	0.0316
0.0045	0.0068	0.0033	0.0073	0.0026	0.0034	0.0027	0.0059	0.0062	0.0065	0.0058	0.0024	0.0051	0.0064	0.0057	0.0063	0.0050	0.0050	0.0049	0.0052	0.0048	0.0065	0.0050	0.0051	0.0063	0.0035	6900.0	0.0063	0900.0	0.0041	0.0053	0.0067	0.0065	0.0061	0.0074	0.0072	0.0057	0.0063	0.0071	0.0065
0.0012	0.0001	0.0024	0.0002	0.0018	0.0426	0.0024	0.0001	0.0002	0.0000	0.0010	0.0014	0.0021	0.0022	0.0042	0.0030	0.0029	0.0034	0.0025	0.0025	0.0008	0.0000	0.0010	0.0000	900000	0.0000	0.0026	0.0000	0.0000	0.0022	0.0031	0.0028	0.0005	0.0019	0.0013	0.0009	0.0021	0.0026	0.0033	0.0026
0.1761	0.2718	0.0153	0.3013	0.0463	0.2404	0.0161	0.2590	0.2864	0.3430	0.2974	0.0142	0.2039	0.2493	0.2206	0.2755	0.2049	0.2040	0.1877	0.2046	0.2586	0.2762	0.2181	0.2712	0.2694	0.1911	0.2669	0.2870	0.2515	0.0182	0.2163	0.2676	0.2743	0.2824	0.3454	0.3335	0.2345	0.2821	0.3261	0.3050
0.0024	0.0150	0.0000	0.0059	0.0000	0.0444	0.0000	0.0530	0.0443	0.0434	0.0527	0.0000	0.0587	0.0857	0.0467	0.0173	0.0630	0.0450	0.0346	0.0481	0.0303	0.0783	0.0812	0.0791	0.0266	0.0617	0.0833	0.0578	0.0479	0.0000	0.0450	0.0962	0.0550	0.0277	0.0591	0.0867	0.0892	0.0289	0.0795	0.0802
15.2787	11.0329	21.8086	5.6078	19.9476	10.8586	21.5837	12.0734	11.0652	7.3554	11.2866	20.1811	13.3459	11.6870	14.2166	10.1911	15.0239	14.3873	15.2637	15.1806	10.3830	10.7243	15.2889	11.6706	12.5229	20.8977	12.8523	12.6856	16.7480	21.0347	15.0760	10.0278	10.9262	8.4869	6.7977	9.2576	15.2246	10.5702	9.3349	12.0056
1.5075	2.6840	0.0011	3.4410	0.2779	2.6922	0.0053	2.6252	2.8984	3.6306	3.1574	0.0000	2.4023	2.6198	2.1558	2.9271	1.9687	2.0335	1.6867	1.7821	2.8706	3.2080	2.1835	2.7448	3.1047	1.7886	3.1087	3.5603	2.7981	0.0033	2.2609	2.9742	2.8028	2.8432	3.7444	3.7705	1.6694	2.4315	2.7711	2.6710
11.8952	0.1682	18.6358	0.0622	18.0211	0.1271	18.6513	1.1047	0.2442	0.1636	0.1498	18.5500	0.5405	0.1671	0.1539	0.1535	0.1415	0.1218	0.1683	0.1604	0.0799	0.2192	0.1891	0.1095	2.5341	0.1337	0.0295	0.0430	0.2962	18.3752	0.4934	0.1201	0.0386	0.0000	0.0172	0.0239	0.1111	0.0376	0.5349	0.1729
0.0817	0.0537	0.000.0	0.0473	0.0000	0.0575	0.0000	0.0751	0.0458	0.0469	0.0451	0.0709	0.0438	0.0518	0.0405	0.0351	0.0322	0.0400	0.0485	0.0391	0.0351	0.0473	0.0502	0.0694	0.1074	0.1097	0.0928	0.0804	0.0752	0.1061	0.0655	0.0707	0.0559	0.0523	6090.0	0.0620	0.0655	0.0620	0.0772	0.0770
8.0393	15.8914	0.1992	19.3042	1.3960	16.2516	0.0306	15.6964	13.9930	18.3194	13.9197	0.5386	12.4521	14.3198	10.6104	15.0967	10.7207	11.4998	11.9679	11.2107	15.0084	16.7563	12.9087	16.2194	15.0036	12.2373	13.9625	15.9893	15.2868	0.6674	12.6284	15.3620	14.7831	14.6727	16.8331	16.3547	12.2022	13.5296	20.5593	16.9521
		0.1948		0.7265	4.9894	0.0932	4.9514	4.4344	5.8766	4.6358	0.4079	4.1371	4.8950	3.4248	5.0745	3.4730	3.8983	3.2321	3.1379	5.1468	5.2281	3.9571	4.9666	4.7758		4.4037		5.0827	0.3916	4.0198	5.1276	4.6030	4.3925	5.7215	5.3423	3.1742	3.7645	5.2251	5.2479
2.1935	4.1358	0.0000	2.7698	0.0000	4.2506	0.0000	4.3734	2.7160	2.7555	1.4590	0.8727	4.0594	4.0424	3.7085	2.9929	5.1204	4.4714	6.3537	4.5125	3.9053	2.8878	3.0913	3.9718	2.0496	4.5943	3.0463	2.0963	2.3004	1.2636	5.4628	4.5809	3.9359	2.4288	1.8864	1.9806	5.2741	2.8707	4.6298	4.7290
0.0000	0.4283	0.0000	0.5069	0.0000	0.4767	0.0000	0.4329	0.4694	0.5458	0.4493	0.0000	0.4161	0.4512	0.4415	0.4369	0.4158	0.4281	0.4175	0.4129	0.4301	0.4509	0.4270	0.4932	0.4818	0.4997	0.6287	0.5738	0.4829	0.0000	0.4452	0.5321	0.5202	0.5684	0.5911	0.5619	0.4828	0.5524	0.5226	0.5032
11498	11499	11500	11501	11502	11503	11504	11505	11506	11507	11508	11509	11510	11511	11512	11513	11514	11515	11516	11517	11518	11519	11520	11521	11522	11523	11524	11525	11526	11527	11528	11529	11530	11531	11532	11533	11534	11535	11536	11537
19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918

0.0068	0.0074	0.0074	0.0075	9800.0	0.0074	0.0075	0.0082	0.0083	0.0000	0.0065	0.0080	0.0084	0.0064	0.0078	0.0052	0.0084	0.0080	0.0084	0.0026	0.0062	0.0020	6900.0	0.0038	0.0000	9200.0	0.0047	0.0062	0.0055	0.0029	0.0008	0.0038	0.0056
-														_																		
9 0.0024	5 0.0017	1 0.0025	0.0023	5 0.0027	7 0.0030	0.0027	4 0.0017	8 0.0015	7 0.0023	2 0.0033	9 0.0023	3 0.0012	1 0.0014	1 0.0023	2 0.0009	1 0.0022	5 0.0020	7 0.0019	3 0.0024	1 0.0014	7 0.0018	9 0.0021	9 0.0081	5 0.0022	4 0.0025	2 0.0018	9 0.0023	2 0.0016	5 0.0014	0.0010	5 0.0014	9 0.0036
0.0039	0.0055	0.0041	0.0040	0.0045	0.0037	0.0040	0.0044	0.0058	0.0037	0.0022	0.0039	0.0053	0.0041	0.0041	0.0052	0.0051	0.0046	0.0047	0.0003	0.0041	0.0007	0.0049	0.0039	0.0045	0.0044	0.0022	0.0019	0.0032	0.0015	0.0010	0.0015	0.0039
0.0009	0.0010	0.0011	0.0010	0.0012	0.0013	0.0012	0.0008	0.0012	0.0010	0.0014	0.0010	0.0009	0.0006	0.0011	0.0004	0.0009	0.0008	0.0010	0.0002	0.0003	0.0003	0.0012	0.0010	0.0009	0.0009	0.0004	0.0004	0.0005	0.0002	0.0001	0.0001	0.0002
2.0788	2.2838	2.3384	2.4578	2.6181	2.7429	2.6845	2.0114	2.8322	2.4579	3.3740	2.5190	2.3592	1.2631	2.7047	0.6068	2.2713	1.8664	2.3125	0.4542	0.6077	0.5798	2.9256	2.4918	2.2441	2.3545	0.9754	0.7654	1.2312	0.4069	0.1728	0.1318	0.1787
0.0367	0.0395	0.0298	0.0304	0.0292	0.0269	0.0298	0.0347	0.0356	0.0314	0.0221	0.0284	0.0352	0.0325	0.0286	0.0319	0.0323	0.0296	0.0329	0.0201	0.0276	0.0202	0.0273	0.0246	0.0250	0.0242	0.0198	0.0202	0.0209	0.0199	0.0192	0.0200	0.0165
0.0054 (0.0063	0.0065	0.0055 (0.0069	0.0067	0.0067	0.0044	0.0068	0.0051	0.0061	0.0058	0.0047	0.0045 (0.0065	0.0058	0.0061	0.0064	0.0054 (0.0034 (0.0049 (0.0031	0.0071	0.0065	0.0066	0.0069	0.0049 (0.0039	0.0052 (0.0042 (0.0039	0.0038	0.0000
0.0021	0.0019 (0.0009	0.0018	0.0016	0.0004	0.0000	0.0014	0.0029	0.0017	0.0018	0.0010	0.0039	0.0049	0.0003	0.0055 (0.0023	0.0022	0.0032	0.0011	0.0043 (0.0029	0.0055 (0.0019 (0.0034 (0.0020	0.0012 (0.0022	0.0028	0.0035	0.0044	0.0012 (0.0000
0.2528	0.2785	0.2847	0.2780	0.3129 0	0.3537 0	0.3391	0.1932 0	0.3060	0.2490 C	0.2800 C	0.2873 C	0.2062	0.1117 0	0.2860 C	0.1400 C	0.2869	0.2312 C	0.2262 C	0.0571	0.1064 C	0.0640	0.2257	0.2715 0	0.2506	0.2731 0	0.1181 C	0.0905	0.1481 C	0.0341	0.0128	0.0072	0.0000
0.0861	0.1042 C	0.0446 C	0.1023 C	0.0723	0.0554	0.0746	0.0557	0.1062 C	0.0802	0.0321 C	0.0556	0.0693	0.0096	0.0744 0	0.0544 0	0.1160	0.1130	0.0468 C	0.0000	0.000.0	0.000.0	0.0506	0.0474 C	0.0783	0.0760	0.0286 C	0.0000	0.0208	0.000.0	0.000.0	0.000.0	0.0000
14.1073 0	12.2470 0	10.2702 0	14.1557 0	7.4622 0	6.8165 0	8.8593 0	15.3822 0	13.2355 0	15.7330 0	11.6975 0	12.8135 0	16.7122 0	19.1233 0	12.5709 0	17.4410 0	13.6372 0	15.1135 0	15.0573 0	17.9203 0	16.7325 0	20.7652 0	11.1678 0	12.0741 0	13.2563 0	13.3229 0	18.2765 0	15.8994 0	18.7292 0	20.5254 0	22.2992 0	20.6025 0	5792
1.7430 14	1.7269 12	2.7461 10	2.5052 14	3.1850 7.	3.4649 6.	3.1470 8.	4758 15	2.6004 13	2.1141 15	3.3506 11	2.0275 12	.2975 16	0.9386 19	2.9500 12	1.1328 17	2.5406 13	2.1317 15	2.4726 15	0.4005 17	1.0037 16	0.6081 20	2.4274 11	2.8248 12	2.7755 13	2.6405 13	.4154 18	0.9168 15	1.5741 18	0.4262 20	0.0000	0.0000	0.0290 32.
							_					_														_						
3 1.8892	0.1282	3 0.0965	5 0.1309	0.1176	3 0.0338	9 0.0141	3 0.0898	1.3496	0.1717	0.0404	3 0.9895	9 0.1505	3 5.1873	2 0.0662	5.9602	0.5030	3.5789	0.0542	16.2027	3 6.8367	17.4577	9 0.1124	3 1.4263	3 0.6307	3 2.8711	12.4699	9.4759	9.6397	3 16.5572	18.4986	17.2957	3.6780
0.1033	0.0964	0.0803	0.0885	0.0560	0.0603	0.0679	0.1033	0.0831	0.0991	0.0810	0.0876	0.0879	0.0648	0.0902	0.1262	0.1049	0.1289	0.0760	0.0950	0.1098	0.0780	0.0759	0.0948	0.0843	0.0858	0.1627	0.1519	0.1302	0.0978	0.0070	0.0779	0.0000
14.7756	17.7043	17.7909	16.1128	18.0319	20.3999	18.1138	10.9729	15.3011	13.7672	15.4818	12.5117	10.0516	8.3766	15.5598	13.3716	15.0549	12.3726	13.5650	2.8522	9.7024	2.4693	17.5152	14.6320	14.3756	11.8963	5.8496	4.0407	6.8170	2.2066	0.3933	0.7984	1.5945
3.3959	3.2744	4.9661	4.2354	5.2404	6.1072	5.4817	2.7228	4.4409	3.9832	5.0426	3.1359	2.0832	1.7654	4.6142	1.6828	3.9311	3.0569	3.8423	0.9538	1.5282	1.0423	4.3071	4.6004	4.5888	3.6864	2.1479	1.1947	2.4004	0.8555	0.2411	0.4033	0.1092
4.9979	5.3845	4.0229	3.9306	2.7074	3.6337	3.5503	4.7662	4.3616	5.7063	2.7660	3.8948	4.8658	5.4959	4.8138	5.1923	4.4727	3.8811	5.4955	1.7060	4.2178	2.0128	5.4341	4.8513	4.9000	3.0380	2.9380	1.8279	4.5700	1.5430	0.6677	1.1625	1.2435
0.4356	0.4838	0.5670	0.4812	0.5967	0.5955	0.5968	0.5346	0.4185	0.4881	0.5615	0.5022	0.4980	0.2903	0.5423	0.2622	0.5304	0.3983	0.5037	0.0000	0.2393	0.0000	0.4947	0.5089	0.5151	0.4339	0.0262	0.1562	0.1724	0.0000	0.0000	0.0000	0.1878
11538 0	11539 C	11540 C	11541	11542 C	11543 0	11544 0	11545 0		11547 0	11548 C	11549 C	11550 0	11552 0	11553 0	11554 0	11555 0	11556 0	11557 0	11558 0	11559 C	11560 C	11561 C	11562 C	11563 C	11564 0	11565 0	11566	11567 C	11568 C	11569 C	11570 0	11571 0
19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918

Mo (%)	0.000.0	0.0003	0.0005	0.000.0	0.000.0	0.000.0	0.0004	0.0003	0.000.0	0.000.0	0.0004	0.000.0	0.0001	0.0001	0.0001	0.000.0	0.000.0	0.000.0	0.0002	0.0003	0.0003	0.000.0	0.000.0	0.0002	0.0004	0.0005	0.000.0	0.000.0	0.0001	0.0003	0.000.0	0.0001	0.000.0	0.0007	0.0002	0.000.0	0.000.0	0.0002	0.0003	0.0004	0000	0.000	0 0005	0.000	0.0001	0.000.0	0.0008	0.000.0
N (%) QN	0.0008	0.0006		0.0009		0.0007			0.0005	0.0006	0.0006		0.0003	0.0005		0.0006	0.0007		0.0003	0.0003	0.0002 C	0.0003	0.0009	0.0007		0.0004	0.0006	0.0007 C	0.0008	0.0006	0.0009			-	-	-	-		-	0.0002	-	-	H	+	-		-	0.0013
Zr (%)	0.0148	0600.0		0.0121			0.0003		0.0000	0.0073	0.0082	0.0074	0.0005	0.0036		0.0083	0.0074		0.0000	0.0000	0.0000	0.0023	0.0105	0.0080	0.0041	0.0033	0.0067	0.0097	0.0142	0.0067	0.0100			-	-	-	-	0.0062		0.0004	-	-	-	-				0.0157
Y (%)	0.0030	0.0025	0.0020	0.0030	0.0029	0.0030	0.0015	0.0018	0.0021	0.0027	0.0027	0.0030	0.0018	0.0021	0.0022	0.0028	0.0028	0.0020	0.0013	0.0015	0.0018	0.0021	0.0030	0.0028	0.0023	0.0022	0.0025	0.0029	0.0031	0.0028	0.0030	0.0027		0.0019	0.0021	0.0022	0.0017	0.0031	0.0031	0.0016	0.0020	0.0023	0.0013	0.0019	0.0016	0.0017	0.0015	0.0035
Sr (%)	0.0181	0.0290	0.0422	0.0203	0.0277	0.0249	0.0454	0.0275	0.0347	0.0260	0.0234	0.0288	0.0312	0.0328	0.0411	0.0272	0.0285	0.0436	0.0389	0.0396	0.0353	0.0285	0.0209	0.0253	0.0292	0.0283	0.0267	0.0212	0.0193	0.0287	0.0182	0.0292	0.0364	0.0255	0.0256	0.0239	0.0230	0.0307	0.0163	0.0293	0.0200	0.0200	0.0220	0.0185	0.0231	0.0238	0.0224	0.0138
(%)∩	0.0001	0.0013	0.0000	0.0000	0.0004	0.0000	0.0003	0.0000	0.0003	0.0000		0.0003	0.0002		0.0001	0.0011	0.0001		0.0001	0.0000	0.0003	0.0002	0.0012	0.0007	0.0005	0.0007		0.0000	0.0007	0.0012	0.0004	0.0008				0.0000		0.0003	-	0.0000	-	0.000	-	-	0.0000	0.0000	0.0000	0.0032
Rb (%)	0.0198	0.0088	0.0013	0.0177		0.0145	0.0013			0.0117				0.0059		0.0121	0.0099		0.0014	0.0018	0.0015	0.0042	0.0147	0.0102	0.0068	0.0053		0.0130	0.0163	0.0115	0.0173					-		0.0106	-	0.0007	-	-	+-	-		0.0012	-	0.0215
Th (%)	0.0015	0.0008	0.0002	0.0014		0.0012	0.0002		0.0005	0.0010	0.0010		0.0002				0.0009		0.0003	0.0003	0.0003	0.0005	0.0012	0.0009	0.0006	0.0005		0.0011	0.0013	0.0010	0.0014			-	-	-	-	0.0009		0.0002				+-		-	_	0.0016
(%) GA (0.0006			3 0.0012		0.0008		_		0.0005			0.0004			0.0006	4 0.0010		0.0002	0.0001	0.0000	3 0.0004	3 0.0011	0.0006	0.0004	2 0.0007		0.0005	1 0.0011	0.0004	0.0007			-	-	-	-	0.0006	-	0.0007		_	-	-			-	0.0011
) As (%)	5 0.0000	2 0.0005	4 0.0001	5 0.0003		2 0.0002	3 0.0002		5 0.0004	2 0.0000	0.0002			8 0.0001		0.0000	8 0.0004		0.0000	3 0.0000	3 0.0000	2 0.0003	4 0.0008	0.0000	0.0000	4 0.0002	0 0.0003	1 0.0000	5 0.0004	0.0000	5 0.0000	000000				-	-			3 0.0003		-				-		7 0.0004
) Ga (%)	8 0.0015		0 0.0004	4 0.0015	-	2 0.0012				9 0.0012						1 0.0010	1 0.0008		5 0.0002	9 0.0003	8 0.0003	3 0.0002	2 0.0014	1 0.0012	0.0007	5 0.0004		5 0.0011	4 0.0015	9 0.0010				-				9 0.0010	-	2 0.0003	-	-	+-	-		_		7 0.0017
(%) Zu (%)	6 0.0028	5 0.0019	0.0010	3 0.0024			0.0010		0.0010	2 0.0019		3 0.0016	7 0.0004			0 0.0021	1 0.0021		0.0005	0.0009	900000 60	6 0.0013	6 0.0022	2 0.0021	2 0.0016	9 0.0015		2 0.0025	5 0.0024	5 0.0019	3 0.0024			_			-	-	-	0.0012	-	-	-	+			-	9 0.0017
%) Cn (%)	44 0.0016	26 0.0015	13 0.0010	50 0.0013	-	36 0.0015	0.0010			34 0.0012			200000 90			37 0.0010			900000 20	13 0.0006	12 0.0009	35 0.0016	38 0.0016	40 0.0012	25 0.0012	25 0.0009			33 0.0015	57 0.0035	71 0.0013			-	-	-	-	76 0.0031	-	0.0010		-	+	+	+-		_	94 0.0029
(%) IN (%	09 0.0044	06 0.0026	05 0.0013	00000 60	-	90000 90	0.0008	-	03 0.0022	09 0.0034		06 0.0032	03 0.0006	03 0.0017		09 0.0037	00039	03 0.0015	05 0.0007	04 0.0013	04 0.0012	04 0.0035	14 0.0068	07 0.0040	07 0.0025	06 0.0025		09 0.0047	11 0.0063	08 0.0057	13 0.0071	03 0.0042		_	-	-	-	09 0.0076	-	04 0.0016	-	-	+	+		-		07 0.0094
%) Co (%)	42 0.0009	94 0.0006	95 0.0005	600000 25	-		54 0.0004	-	11 0.0003	15 0.0009			53 0.0003			16 0.0009			59 0.0005	29 0.0004	97 0.0004	75 0.0004	73 0.0014	77 0.0007	09 0.0007	28 0.0006		20 0.0009	09 0.0011	35 0.0008		84 0.0003			-	-	-		-	33 0.0004	-	-	+	+	+-	_	_	15 0.0007
(%) Fe (%)	55 2.2442	82 1.7494		89 2.9957	-	98 2.0722			20 1.1011	11 1.9115						50 1.7516			25 0.3459	88 0.3929	85 0.4197	53 0.7675	40 2.6873	15 1.6877	59 1.0209	18 0.8628		49 2.0420	45 2.4609	31 1.2735	46 2.1734		93	-	-	-	-	- 1	-	0.3733	+	1	-	+			81	70 2.0815
Σ	63 0.0255	56 0.0382					000 0.0689									0.0450			000 0.0825	000 0.0788	000 0.0685	000 0.0653	0.0340	0.0415	35 0.0359	0.0318	36 0.0315	0.0349	0.0345	0.0531	0.0346	0.0349	0.04	0.04					_	0.1212	-	-	-	-	_		0.02	80 0.01
%) Cr(%)	176 0.0063	0.0056			_			_		521 0.0059									0000 000	00000 020	00000 900	317 0.0000	326 0.0086			0.0019			333 0.0081	930 0.0022	145 0.0070			_	-	-	-	236 0.0048	-	0.00010	-	-	-	+	-		-	782 0.0180
Ва (%) Ті (%)	0.1174 0.4176	0.0220 0.2709	0.0432 0.0000	0.1795 0.4013	-	0.0000 0.3801		-	0.0285 0.1243	567 0.2521		0.0000 0.3108	0.0000 0.0048			0.0541 0.2868	0.0000 0.2498		0.0193 0.0000	0.0109 0.0070	0.0400 0.0006	0.0166 0.0617	0.1049 0.3626	0.1148 0.2425	0.0000 0.1600	0.0000 0.1186		0.1247 0.3080	0.0000 0.4333	0.0339 0.1930	0.0758 0.3445			-	-			0.0180 0.2236		0.0737 0.0000	-	-	+	-				0.1749 0.3782
Ca (%) Ba	4.7177 0.1		_	7.0848 0.1	-			-		15.7649 0.1567											34.1006 0.0	26.7091 0.0	10.0928 0.10	16.8620 0.1	27.0720 0.00	28.5626 0.00			8.2516 0.00	15.6747 0.03	7.1696 0.0			-	_		-		-	33.9726 0.0	-	_		-				1.5700 0.1
Depth (ft Ca	11210 4.7	11211 18.0281		11213 7.0				-		11219 15.7	11220 12.7	11221 15.9		11223 27.1		11225 15.3			11228 34.3	11229 34.0	11230 34.1	11231 26.7	11232 10.0	11233 16.8	11234 27.0	11235 28.5	11236 19.8	11237 12.5	11238 8.2	11239 15.6	11240 7.1			_			-	_	_	11249 34.3	-		-	-		-		11258 1.5
	19918 112	19918 113			_			-									19918 112		19918 112	19918 112	19918 112	19918 112	19918 112	19918 112	19918 112				19918 112	19918 112	19918 112			_	-	-	-	-	-	19918	-	+	-	-		-	_	19918 112
Well#	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	0 6	20 2	20 6	2 6	5 6	0,	6	19	19	19	20

0.0086	0.0156	0.0170	0.0398	0.0064	0.0154	0.0067	0.0264	0.0383	0.0255	0.0505	0.0229	0.0313	0.0289	0.0498	0.0659	0.000	0.0004	0.0008	0.0004	0.0004	0.0016	0.0005	0.0012	0.0007	0.0019	0.0025	0.0015	0.0010	0.0012	0.0015	0.0020	0.0012	0.0008	0.000	0.0013	0.0011	0.0012	0.0007	0.0016	0.0008	0.0011	0.0013	0.0019	0.0017	0.0012	0.0017	0.0015	0.0007	0.00.0
-	0.0013	0.0016		-		-	-			0.0013	0.0007	0.0007	9000.0	0.0011	0.0011	0.0008	0.0009	9000.0	0.0007	0.0007	0.0007	9000.0			0.0008	0.0005	9000.0				6000.0		0.0007	0.0007			-		-		0.0009	0.0008	0.0007	0.0008	9000.0				0.0008
0.0143	0.0119	0.0116	0.0093	0.0089	0.0088	0.0107	0.0094	0.0087	0.0059	0.0086	0.0080	0.0046	0.0051	0.0079		0.0144	0.0192	0.0126	0.0164	0.0170	0.0333	0.0136	0.0206	0.0136	0.0250	0.0289	0.0197	0.0273	0.0257	0.0345	0.0434	0.0321	0.0254	0.0215	0.0313				0.0316	0.0278	0.0263	0.0300	0.0330	0.0331	0.0297	0.0311	0.0285	0.0270	0.0280
0.0041	0.0037	0.0045	0.0038		0.0035	0.0029	-	-		0.0035	0.0023	0.0016	0.0014	0.0030		0.0028	0.0028	0.0021	0.0025	0.0024	0.0023	0.0018	0.0025		0.0026	0.0022	0.0024		0.0021	0.0024	0.0027	0.0024	0.0024	0.0026					0.0026		0.0028	0.0028	0.0028	0.0029	0.0025		-	0.0029	0.0029
0.0137	0.0125	0.0099	0.0083	-	-	-	-	-		0.0086	0.0077		0.0059	0.0082		9800.0	0.0145	0.0109	0.0134	0.0110	0.0101	0.0118	0.0132		0.0137	0.0198	0.0124	0.0137	0.0142	0.0127	0.0119	0.0130	0.0111	0.0117			-	-	0.0122			0.0132	0.0128		0.0121		-		0.0128
5 0.0037	4 0.0029	0.0038	4 0.0060	-	-	-	-	-		0.0069	5 0.0034	0.0036	3 0.0038	2 0.0074		4 0.0018	3 0.0016	0.0000	4 0.0000	9 0.0008	0.0010	5 0.0004	4 0.0008			000000 6	5 0.0000		0.0003	1 0.0001	9 0.0014	4 0.0007	3 0.0001	3 0.0001					3 0.0004		1 0.0012	9 0.0008	3 0.0008	1 0.0008	000000 6		-		700007
1 0.0145	3 0.0164	0 0.0140	2 0.0154	-	-	-	-	-		8 0.0111	0.0065	5 0.0051	5 0.0046	7 0.0082	0.0090		9600.0 6	0.0035	0.0064	6 0.0059	0.0030	4 0.0025	7 0.0074	-		3 0.0029	5 0.0045		090000 9	0.0061		6 0.0054	0.0063	7 0.0078				-	0.0076		8 0.0091	8 0.0089	7 0.0073	7 0.0071	0.0079		-	-	2010.0 B
-	19 0.0013		21 0.0012	-		-				0.0008	0.0006	0.0005	17 0.0005	17 0.0007	25 0.0007		0.0009	0.0004	0.0006	0.0006	0.0004	05 0.0004	0.0007	-		14 0.0003	0.0005	0.0006	0.0006	0.0006	70000 70	900000 90	0.0006	0.0007				_	0.0007		900000 80	0.0008	10 0.0007	11 0.0007	0.0007	-	-		9000.0
31 0.0021	22 0.0019	32 0.0000		-	-	-	-	-		46 0.0002	63 0.0019		26 0.0017	75 0.0017		11 0.0013	05 0.0008	02 0.0006	09 0.0010	000000 00	01 0.0005	00 0.0005			02 0.0010	16 0.0014	07 0.0008		02 0.0003		03 0.0007	01 0.0006	00 0.0003	00 0.0006								04 0.0008	07 0.0010	13 0.0011	07 0.0010		-		0.0005
						-	-	-	000 0.0035	0.0146	0.0063	0.0021	0.0026	0.0075		012 0.0011	0.0005	0.0002	00000 200	00000 900	0.0001	0000 0000	0.0003			0.0016	005 0.0007			005 0.0001	0.0003	0.0001	00000 200						-		0.0002	0.0004	7000.0 700	0.0013	0.0007		-	-	0.000
-	0.0025 0.0014	0.0031 0.0028	0.3777 0.0036	-	-	-	-	-		0.0195 0.0024	0.0073 0.0012	0.0994 0.0006	0.0044 0.0004	0.0023 0.0018		0.0014 0.0012	0.0013 0.0008	0.0005 0.0004	0.0013 0.0007	0.0007 0.0006	0.0004 0.0004	0.0004 0.0002	0.0012 0.0004		0.0009 0.0007	0.0006 0.0007	0.0005 0.0005	0.0005 0.0004	0.0007 0.0004	0.0008 0.0005	0.0007 0.0008	0.0003 0.0003	0.0004 0.0005	0.0009 0.0005					0.0011 0.0007		0.0013 0.0008	0.0011 0.0007	0.0009 0.0007	0.0009 0.0006	0.0010 0.0008	-	-	-	0.00011 0.00008
0.0134 0.0	0.0071 0.0	0.0127 0.0	0.0474 0.3				-	-		0.0172 0.0	0.0079 0.0	0.0077 0.0	0.0046 0.0	0.0110 0.0		0.0011 0.0	0.0010 0.0	0.0003 0.0	0.0012 0.0	0.0005 0.0	0.0007 0.0	0.0004 0.0	0.0012 0.0			0.0006 0.0	0.0010 0.0		0.0007 0.0	0.0004 0.0	0.0008 0.0	0.0008 0.0	0.0007 0.0	0.0011 0.0			-	-			0.0011 0.0	0.0013 0.0	0.0011 0.0	0.0012 0.0	0.0 6000.0		-	-	0.0015 0.0
0.0318 0.0	0.0290 0.0	0.0285 0.0	0.0535 0.0	-	-	-	-	-		0.0411 0.0	0.0315 0.0		0.0254 0.0	0.0343 0.0		0.0044 0.0	0.0029 0.0	0.0020 0.0	0.0030 0.0	0.0017 0.0	0.0013 0.0	0.0009	0.0036 0.0			0.0020 0.0	0.0015 0.0	0.0018 0.0	0.0011 0.0	0.0016 0.0	0.0021 0.0	0.0014 0.0	0.0013 0.0	0.0021 0.0			-		0.0038 0.0			0.0028 0.0	0.0030 0.0	0.0043 0.0	0.0032 0.0	-	-	-	0.0039
-	0.0013 0.	0.0043 0.	0.0019 0.	-	-		-	-		0.0022 0.	0.0011 0.		0.0010 0.	0.0017 0.			0.0006 0.	0.0006 0.	0.0004 0.	0.0005 0.	0.0004 0.	0.0006 0.		-		0.0003 0.	0.0005 0.		0.0003 0.	0.0005 0.	0.0005 0.	0.0006 0.	0.0003 0.	0.0006 0.			-				0.0007 0.	0.0006 0.	0.0006 0.	0.0006 0.	0.0008 0.	-	-	-	0.0000
-	2.6093 0	7.1682 0	3.8069 0	-	-	-	-	-		4.6377 0	2.6243 0		1.7962 0	3.8093 0	4.2124 0	3.0378 0	1.5036 0	1.1168 0	1.2973 0	1.1441 0	1.0313 0	0.8517 0		-	1.0515 0	0.9400	0.7976 0		0.9920 0	1.0079 0	1.0986 0	1.0420 0	1.0489 0	1.2271 0			-	-	0 6865.1		1.3645 0	1.3014 0	1.2190 0	1.3452 0	1.4901 0	_	-	-	1.3053
	0.0223			27	-	00	26	46	12	22	99		0.0102	0.0181		0.0288	0.0353		0.0452	0.0473	0.0568	0.0584				0.0328	0.0321			0.0412	0.0357	0.0381	0.0354	0.0348			_	_	0.0336		0.0352	0.0334	0.0315		0.0356	99	94	29	0.0331
0.0227	0.0176	0.0183		_			-	-					0.0041	0.0110				0.0001	0.0014	0.0024	0.0019	0.0000				0.0023	0.0002		0.0000	0.0000	900000	600000		0.0023			-	_	0.0028		0.0049	0.0020	0.0023	0.0010	0.0023		-	_	0.0021
0.3534	0.3225	0.3952	0.3591	0.3117	0.2573	0.2450	0.2628	0.2383	0.1756	0.2790	0.1740	0.1098	0.0872	0.2073	0.2594	0.3097	0.2586	0.1133	0.2193	0.2699	0.2096	0.1311	0.2429	0.0186	0.1857	0.0801	0.1267	0.1172	0.1228	0.2312	0.2883	0.2194	0.2021	0.2166	0.1951	0.2652	0.2918	0.1921	0.2804	0.2691	0.2622	0.2987	0.2710	0.2519	0.2514	0.2679	0.2602	0.2745	0.3082
\vdash	0.0804	0.1631		-	-	0.1254	-	-					0.0172	0.0427			0.0978	0.0876	0.0891	0.0000	0.1289	0.0000		-		0.0079	0.0000		0.0750		0.0535	0.0301		0.1211			_	-	-		0.0995	0.0010	0.1329		0.0467		_		0.0621
-	2.5044	2.5747	1.3954		-	-	1.0547	-					0.8647	1.4209			8.5381	10.6226	12.0895	9.8232	10.4592			-			14.8190					7.5385					-	-	-			6.1842	4.5929	7.4113	6.5825		-	-	6.0479
\vdash	11260	11261	11262	-	-	-	-	-					11272	11273		11275	11276	11277	11278	11279	11280	11281	11282	-		11285	11286		11288		11290	11291		11293			-	_			11300	11301	11302		11304		-	-	11308
19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	18818

0.0007	0.0008	0.0011	0.0010	0.0000	0.0007	0.0011	600000	0.0005	0.0008	0.0004	0.0007	0.0003	0.0442	0.0525	0.0634	0.0384	0.0489	0.0428	0.0436	0.0321	0.0467	0.0369	0.0426	0.0485	6900.0	0.0360	0.0211	0.0225	0.0238	0.0308	0.0226	0.0442	0.0369	0.0433	0.0013	0.0000	0.0000	0.0000	0.0001	0.0001	0.0003	0.0000	0.0000	0.0003	0.0002	0.0000	0.0004	0.0001
0.0008	0.0009		-		0.0009	0.0010	0.0010	0.0009	0.0009	0.0009	0.0007	0.0012	0.0012	0.0016	0.0015	0.0008	0.0009	0.0011	0.0013	0.0011			0.0011		0.0008	0.0039	0.0009	0.0011	0.0008	0.0010	0.0008				-	-		-	-	-	90000	-		0.0005		-		0.0007
0.0313	0.0262	0.0319	0.0288	0.0179	0.0272	0.0282	0.0304	0.0270	0.0293	0.0275	0.0148	0.0166	0.0095	0.0103	0.0094	0.0077	0.0082	0.0075	0.0086	0.0069	0.0092	0.0093	0.0071	0.0073	0.0010	0.0047	0.0058	0.0064	0.0045	0.0045	0.0045	0.0057	0.0072	0.0075	0.0143	0.0092	0.0135	0.0136	0.0132	2910.0	0.0208	0.0069	9900.0	0.0072	0.0071	0.0070	0.0110	0.0116
0.0027	0.0027	-	-	-	0.0029	0.0030	0.0029	0.0030	0.0030	0.0029	0.0025	0.0038	0.0033	0.0035	0.0037	0.0025	0.0030	0.0031	0.0035	0.0035			0.0033	0.0032	0.0036	0.0055	0.0028	0.0034	0.0026	0.0026	0.0024			-	-	0.0028	0.0032	-			0.0020	0.0020	0.0016	0.0015	0.0020	\vdash	_	0.0021
0.0142	0.0133	-	-		0.0144	0.0131	0.0143	0.0142	0.0148	0.0150	0.0199	0.0223	0.0090	0.0093	0.0096	0.0077	0.0078	0.0094	0.0101	0.0085			0.0084	0.0082	0.0123	0.0088	0.0077	0.0094	0.0073	0.0066	0.0068				-	-			-	-	0.0078	-		0.0087			_	0.0036
0.0000	3 0.0005	Н	H	H	3 0.0003	2 0.0008	0.0008	5 0.0007	1 0.0011	3 0.0000	3 0.0000	3 0.0011	0.0065	5 0.0074	3 0.0070	7 0.0042	9 0.0044	9 0.0044	3 0.0074	0.0052	3 0.0085		3 0.0063		3 0.0034	2 0.0241	0.0040	3 0.0043	0.0043	5 0.0054	5 0.0044	0.0064	9 0.0072	_	-	-			-	-	0.0008	-	9 0.0004	3 0.0000			-	0.0003
8 0.0085	8 0.0093		-	1	8 0.0093	9 0.0102	7 0.0071	8 0.0095	8 0.0091	7 0.0083	5 0.0043	8 0.0106	2 0.0170	3 0.0175	1 0.0148	9 0.0107	9 0.0109	9 0.0109	1 0.0148	8 0.0111	1 0.0153		0 0.0128	0 0.0127	2 0.0028	2 0.0162	9 0.0114	0 0.0136	9 0.0104	9 0.0105	8 0.0095					-					0.0004	-	-	3 0.0016			-	0.0052
0.0008	5 0.0008		_	-	5 0.0008	1 0.0009	5 0.0007	0 0.0008	1 0.0008	0.0007	7 0.0005		3 0.0012	3 0.0013	3 0.0011	0.0009	3 0.0009	2 0.0009	9 0.0011	0.0008			9 0.0010		3 0.0002	2 0.0012	0.0009	9 0.0010	7 0.0009	0.0009				-			-	-	-		0.0000	-	3 0.0005	0.0003	0.0006			0.0006
0.0004	0.0005				0.0005	0.0011	0.0005	0.0010	110000 70	0.0010	700007	35 0.0019	33 0.0033	72 0.0023	54 0.0023	32 0.0020	15 0.0023	36 0.0022	0.0019	37 0.0020			28 0.0019	11 0.0023	14 0.0003	14 0.0022	32 0.0020		21 0.0017	35 0.0020					-	-	-	-	-	0.0018	-	-		00000 00	-	\vdash	-	0.0002
70 0.0001			-	1	0.0002	00000 60	00000 20	70000 60	12 0.0007	900000		17 0.0035	23 0.0083	27 0.0072	19 0.0054	10 0.0032	13 0.0045	13 0.0036	24 0.0102	21 0.0067			15 0.0028	14 0.0041	18 0.0114	19 0.0044	13 0.0032		11 0.0021	0.0035			0.0029	-	-	-	-	-			0.0023	-		00000 00	Н	\vdash	-	0.0000
17 0.0007	13 0.0006	-	-	-	14 0.0006	13 0.0009	13 0.0007	12 0.0009	10 0.0012	8000.0 60	10 0.0005	14 0.0017	28 0.0023	45 0.0027	99 0.0019	41 0.0010	03 0.0013	06 0.0013	99 0.0024	40 0.0021	64 0.0022	95 0.0024	33 0.0015	72 0.0014	12 0.0018	41 0.0019	21 0.0013	30 0.0025	18 0.0011	20 0.0009	35 0.0009			-	-	-					0.0000	+-	10 0.0003	01 0.0000		\vdash		11 0.0004
12 0.0017	10 0.0013		-	1	13 0.0014	10 0.0013	11 0.0013	13 0.0012	10 0.0010	15 0.0009	12 0.0010	25 0.0014	92 0.0028	62 0.0745	43 0.0499	77 0.0541	10 0.0203	74 0.0106	31 0.0599	13 0.0240	31 0.1064		83 0.0333	06 0.0472	54 0.0012	11 0.0541	50 0.0121	85 0.0030	141 0.0018	59 0.0020	44 0.0035				-	-	-	+			12 0 0017	-	05 0.0010	03 0.0001		\vdash	-	0.0011
0.0012	0.0010	Н	-		33 0.0013	36 0.0010	127 0.0011	42 0.0013	0.0010	36 0.0015	38 0.0012	96 0.0025	56 0.0092	43 0.0162	16 0.0143	117 0.0077	81 0.0110	94 0.0074	178 0.0131	0.0113	50 0.0131		95 0.0083	92 0.0106	22 0.0054	1110.0 621	55 0.0050	77 0.0085	99 0.0041	35 0.0059	10 0.0044		10 0.0082		-	-	-	-	-	-	36 0.0008	+	00000 20002	000 0003				0.0005
07 0.0027	0.0026	Н	Н	H	0.0033	0.0036	0.0027	05 0.0042	0.0031	0.0036	05 0.0038	0.0096	0.0456	114 0.0543	0.0516	0.0417	111 0.0481	0.0394	0.0478	0.0206	17 0.0450	114 0.0419	009 0.0395	112 0.0392	53 0.0122	113 0.0373	112 0.0255	52 0.0177	00 0.0199	09 0.0235	0.0210		112 0.0310		-	-					0.0022	-	00000	000000	0.0028	\vdash		0.0015
64 0.0007	22 0.0006	Н	H	1	47 0.0004	43 0.0007	82 0.0004	00 0.0005	78 0.0006	25 0.0007	36 0.0005	86 0.0017	29 0.0016	19 0.0014	42 0.0015	84 0.0006	45 0.0011	76 0.0007	99 0.0020	95 0.0076	55 0.0017		55 0.0009	67 0.0012	22 0.0053	45 0.0013	57 0.0012	08 0.0052	16 0.0009	31 0.0009	37 0.0008			-	-	+	-	-	-	-	31 0.0000	-	43 0.0006	45 0.0005	-	-	-	69 0.0007
336 1.2264	341 1.2422				1.2147	27 1.5343	70 0.9782	21 1.3200	26 1.2978	32 1.7025	24 1.1536	303 3.7786	175 4.3429	183 4.1119	187 4.2842	133 2.1284	143 2.5845	155 2.3676	05 4.5799	19 11.4295			152 2.7655		13 8.8522	-	133 2.4857	181 9.4108	1.9216	123 2.4131	78 1.6837		151 3.3071	-	-		-	-		-	59 1.0731	+	H	0.5845	14 1.7433		-	1.1569
0.0	0.0	0.0	-	-				32 0.0321	24 0.0326	36 0.0332			0.0	0.0	0.0	0.0	0.0	0.0						0.0	6 0.0513	0 0.0140	0.0	0.0	0.0	0.0	4 0.0078	0.0	0.0		-	-	-	-	-	_	0.0289		0.0				_	1 0.0599
2 0.0015	3 0.0015		-	-	2 0.0026	4 0.0033	9 0.0034	0 0.0032	3 0.0024	4 0.0036	1 0.0027	2 0.0061	3 0.0221	3 0.0225	4 0.0189	1 0.0153	9 0.0145	7 0.0106	2 0.0189	6 0.0068			5 0.0119		1 0.0056	7 0.0110	2 0.0061	0 0.0065	8 0.0041	1 0.0053	4 0.0014			-	-	-	-	-	-	-	1 0 0053	-		5 0.0000			-	8 0.0011
7 0.2912	3 0.2503		-		0.3252	4 0.3104	3 0.2219	3 0.3320	0.3513	7 0.3144	0.1471	0.3952	5 0.3413		2 0.3324	0.2181	9 0.2449	1 0.2217	9 0.3222	0.4286					0.2401	3 0.2927	0.2432	0.4170	0.1528	0.2041	7 0.1554				-	-	-		-	-	0.2400	_	-	7 0.0165			-	0.2258
0.0127	3 0.1173		-	-	0.0000		1 0.0613	9100018	0.0000	0.0457	7 0.0250	0.0000	0.1065	0.0000	3 0.0662	0.0000	0.0439	0.0721	3 0.0659	000000			0.0543		3 0.0000	9900.0	0.0000		0.0790	0.0000					-	-	-	-	-	-	0.0000		-	1 0.0267		\vdash		0.0000
7.1394	5.8356	Н	-		7.1495	5.4559	10.9951	6.1282	6.5413	6.5754	24.0887		0.9631		1.2963	0.9212	1.0777	1.5445	1.2878	1.9964						-	1.0332	1.1592	0.4979					-	-	•	+	+	-	-	4.3984 8 2710	+	-	18.2861	-	\vdash	_	10.9912
11309	11310		-		11314	11315	11316	11317	11318	11319	11320	11321	11322	11323	11324	11325	11326	11327	11328	11329					11334	11335	11336		11338		11340			-	-	-	-	-	-	11349	-	-					-	11358
19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918

		- (0	m –				0 1		_			2 0	ı m	0	_		0 1	2 (0	0 (2 01	0.	- 0	m	0 0					10	01.6	N (D 01		n ++	
0.0000	0.0002	0.0000	0.0008	0.0004	0.0010	0.0000	0.0000	0.0000	0.0007	0.0004	0.0001	0.0012	0.0003	0.0000	0.0007	0.0004	0.0006	0.0006	0.0000	0.0002	0.0000	0.0001	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0002	0.0002	0.0009	0.0000	0.0003	0.0000
0.0007	0.0006	0.0006	0.0004	0.0008	0.0006	0.0008	0.0009	0.0006	0.0005	0.0005	0.0008	0.0005	0.0005	0.0005	0.0006	0.0005	0.0004	0.0005	0.0007	0.0000	0.0009	0.0006	0.0006	0.0009	0.0000	0.0007	0.0008	0.0007	0.0004	0.0008	0.0005	0.0007	0.0009	0.0007	0.0009
0.0147	0.0102	0.0153	0.0079	0.0181	0.0201	0.0122	0.0140	0.0061	0.0069	-	0.0135	0.0212	0.0079	0.0120	0.0198	0.0095	0.0054	0.0105	0.0113	0.0122		0.0107	0.0093	0.0127	0.0112		0.0130	0.0108	0.0148	0.0115	0.0072	0.0219	0.0142	0.0094	-
0.0023 0 0.0025 0	-		0.0014 0	0.0031 0	-	-	0.0030			-	0.0032 0	-				-	0.0010	-	-	0.0028 0		0.0027 0 0.0028 0		0.0029	-	0.0029 0	0.0028	-		_	-	0.0019 0		0.0028 0	_
0.0099 0.000000.00000000000000000000000	-		0.0093 0.0	0.0125 0.0	-		0.01111 0.0			-	0.0110 0.0	-	-			-	0.0095 0.0	-		0.0119 0.0		0.0519 0.0		0.0108 0.0			-				-	0.0306 0.0 0.0349 0.0	_	-	
	-				-		_	_		-	-									-							-	-	-	-	-	-		-	
0.0007	-		0.0000	2 0.0005	+-	-	900000	_		-	0.0000						0.0000	-		0.0000		0.0003		0.0003	-	3 0.0000	0.0003	+			-	3 0.0003		0.0002	
0.0051	0.0038		0.0017	0.0112	0.0017	0.0127	0.0133			-	0.0167			0.0057			0.0016	0.0036	0.0088	0.0094		0.0088		0.0101	0.0111	0.0123	0.0116		0.0025	0.0135	0.0038	0.0024	0.0092	0.0022	0.0068
0.0006	0.0005	0.0006	0.0003	0.0009	0.0003	0.0010	0.0010	0.0003	0.0003	0.0004	0.0013	0.0003	0.0003	0.0006	0.0004	0.0003	0.0003	0.0005	0.0008	0.0008	0.0009	0.0008	0.0007	0.0009	0.0010	0.0010	0.0010	0.0000	0.0003	0.0011	0.0004	0.0003	0.0008	0.0003	0.0007
0.0003	0.0004	0.0000	0.0004	0.0013	0.0003	0.0018	0.0021	0.000.0	0.0004	0.0003	0.0017	0.0001	0.0000	0.0000	0.0000	0.0001	0.0002	0.0000	0.0006	0.0010	0.0005	0.0005	0.0004	0.0003	0.0004	0.0004	0.0007	0.0004	900000	0.0005	0.0002	0.0008	0.0003	0.0005	0.0001
0.0000	-		0.0003	0.0009	+		0.0045				0.0015	-				-	0.0000			0.0003		0.0000		0.0000		0.0000	0.0000		-		-	9000.0	-	0.0000.0	
0.00005 0	-	_	0.0000 0	0.0013 0	+	-	0.0019 0	_		-	0.0019 0	-	-	0.0004		-	0.0001 0	-	-	0.0011		0.0007 0		0.0013 0	-	-	0.0013 0		-	-		0.00001 0		0.0009 0	
					-	-		_	_	-							-	-		_							-	-		-	-	_		-	
5 0.0003 5 0.0012 4 0.0019			0.0033	0.0023			0.0031	_		-	0.0030	-	-			-	0.0004			0.0027		0.0030		0.0029			0.0033	-	0.0006	0.0034	-	0.0000	-	0.0005	
200		m @	4 /	N 10		\sim	m (+ (0	(m)	10	_ (
0.0006	0.0006	0.0013	0.0004	0.0017	0.0010	0.0017	0.0018	_		-	0.0029	-	-	0.0004			0.0004			0.0010		0.0006		0.0004	0.0007	0.0003	0.0009	0.0004	0.0003	0.0005		0.0006	0.0003	0.0003	0.0004
0.0015 0.000 0.0018 0.000			0.0004 0.0004 0.0027	0.0044 0.0017	_		0.0056 0.0018	_		-	0.0066 0.0028	-	-			-	0.0001 0.000			0.0042 0.001		0.0042 0.000		0.0050 0.0004	-	0.0051 0.0003	0.0063 0.0009	-	-			0.0013 0.000e 0.0018 0.0010		0.0021 0.0002	
0.0015	0.0013	0.0017	0.0004	0.0044	0.0004	0.0059	0.0056	0.0003	0.0010	0.0008	0.0066	0.0001	0.0001	0.0020	0.0002	0.0002	0.0001	0.0016	0.0035	0.0042	0.0048	0.0042	0.0039	0.0050	0.0050	0.0051	0.0063	0.0060	0.0009	0.0047	0.0025	0.0013	0.0038	0.0041	0.0027
0.0005 0.0015 0.0006 0.0018	0.0006 0.0013	0.0009 0.0017	0.0007 0.0004	0.0008 0.0044	0.0006 0.0004	0.0012 0.0059	0.0012 0.0056	0.0006 0.0013	0.0006 0.0010	0.0005 0.0008	0.0016 0.0066	0.0005 0.0001	0.0003 0.0001	0.0007 0.0020	0.0006 0.0002	0.0005 0.0002	0.0005 0.0001	0.0007 0.0016	0.0010 0.0035	0.0011 0.0042	0.0016 0.0048	0.0008 0.0048	0.0008 0.0039	0.0012 0.0050	0.0012 0.0050	0.0014 0.0051	0.0020 0.0063	0.0008 0.0042	0.0004 0.0009	0.0010 0.0047	0.0006 0.0025	0.0005 0.0018	0.0006 0.0038	0.0007 0.0021	0.0008 0.0027
1.0677 0.0005 0.0015 1.2313 0.0006 0.0018 1.5301 0.0009 0.0037	0.8276 0.0006 0.0013	1.2774 0.0009 0.0017	0.8430 0.0007 0.0004 3.3231 0.0015 0.0058	1.9567 0.0008 0.0044	0.5985 0.0006 0.0004	2.8248 0.0012 0.0059	2.5938 0.0012 0.0056	0.9617 0.0006 0.0013	0.6333 0.0006 0.0010	0.7724 0.0005 0.0008	3.0353 0.0016 0.0066	0.5263 0.0005 0.0001	0.6288 0.0003 0.0001	1.0950 0.0007 0.0020	0.5161 0.0006 0.0002	0.5588 0.0005 0.0002	0.5935 0.0005 0.0001	1.0280 0.0007 0.0016	1.9086 0.0010 0.0035	2.3105 0.0011 0.0042	2.7006 0.0016 0.0048	2.2465 0.0011 0.0042	2.2690 0.0008 0.0039	2.9552 0.0012 0.0050	3.2044 0.0012 0.0050	3.5211 0.0014 0.0051	4.8142 0.0020 0.0063	3.0823 0.0008 0.0042	0.4914 0.0004 0.0009	2.7697 0.0010 0.0047	1.5453 0.0006 0.0025	0.9632 0.0005 0.0018	2.2990 0.0006 0.0038	1.4384 0.0007 0.0021	1.8038 0.0008 0.0027
0.0588 1.0677 0.0005 0.0018 0.0559 1.2313 0.0006 0.0018 0.0525 1.5301 0.0009 0.0037	0.0602 0.8276 0.0006 0.0013	0.0438 1.2774 0.0009 0.0017	0.0600 0.8430 0.0007 0.0004 0.0316 3.3231 0.0015 0.0058	0.0393 1.9567 0.0008 0.0044	0.0526 0.5985 0.0006 0.0004	0.0323 2.8248 0.0012 0.0059	0.0302 2.5938 0.0012 0.0056	0.0501 0.9617 0.0006 0.0013	0.0561 0.6333 0.0006 0.0010	0.0427 0.7724 0.0005 0.0008	0.0325 3.0353 0.0016 0.0066	0.0495 0.5263 0.0005 0.0001	0.0673 0.6288 0.0003 0.0001	0.0438 1.0950 0.0007 0.0020	0.0406 0.5161 0.0006 0.0002	0.0518 0.5588 0.0005 0.0002	0.0507 0.5935 0.0005 0.0001	0.0444 1.0280 0.0007 0.0016	0.0420 1.9086 0.0010 0.0035	0.0502 2.3105 0.0011 0.0042	0.0490 2.7006 0.0016 0.0048	0.0500 2.2465 0.0011 0.0042 0.0507 2.6120 0.0008 0.0048	0.0506 2.2690 0.0008 0.0039	0.0492 2.9552 0.0012 0.0050	0.0378 3.2044 0.0012 0.0050	0.0351 3.5211 0.0014 0.0051	0.0341 4.8142 0.0020 0.0063	0.0327 3.3178 0.0017 0.0080	0.0419 0.4914 0.0004 0.0009	0.0356 2.7697 0.0010 0.0047	0.0628 1.5453 0.0006 0.0025	0.0501 0.9632 0.0005 0.0018	0.0381 2.2990 0.0006 0.0038	0.0504 1.4384 0.0007 0.0021	0.0418 1.8038 0.0008 0.0027
0.0009 0.0588 1.0677 0.0005 0.0018 0.0028 0.0559 1.2313 0.0006 0.0018 0.0035 0.0525 1.5301 0.0009 0.0037	0.0022 0.0602 0.8276 0.0006 0.0013	0.0032 0.0438 1.2774 0.0009 0.0017	0.0000 0.0600 0.8430 0.0007 0.0004 0.0163 0.0316 3.3231 0.0015 0.0058	0.0052 0.0393 1.9567 0.0008 0.0044	0.0000 0.0526 0.5985 0.0006 0.0004	0.0062 0.0323 2.8248 0.0012 0.0059	0.0078 0.0302 2.5938 0.0012 0.0056	0.0000 0.0501 0.9617 0.0004 0.0000	0.0000 0.0561 0.6333 0.0006 0.0010	0.0000 0.0427 0.7724 0.0005 0.0008	0.0064 0.0325 3.0353 0.0016 0.0066	0.0000 0.0495 0.5263 0.0005 0.0001	0.0000 0.0673 0.6288 0.0003 0.0001	0.0003 0.0438 1.0950 0.0007 0.0020	0.0000 0.0406 0.5161 0.0006 0.0002	0.0000 0.0518 0.5588 0.0005 0.0002	0.0000 0.0507 0.5935 0.0005 0.0001	0.0000 0.0444 1.0280 0.0007 0.0016	0.0057 0.0420 1.9086 0.0010 0.0035	0.0042 0.0502 2.3105 0.0003 0.0042 0.0042	0.0072 0.0490 2.7006 0.0016 0.0048	0.0074 0.0507 2.6120 0.0008 0.0048	0.0050 0.0506 2.2690 0.0008 0.0039	0.0060 0.0492 2.9552 0.0012 0.0050	0.0047 0.0378 3.2044 0.0012 0.0050	0.0065 0.0351 3.5211 0.0014 0.0051	0.0071 0.0341 4.8142 0.0020 0.0063	0.0074 0.0327 3.9178 0.0017 0.0080	0.0005 0.0419 0.4914 0.0004 0.0009	0.0066 0.0356 2.7697 0.0010 0.0047	0.0025 0.0628 1.5453 0.0006 0.0025	0.0025 0.0501 0.9880 0.0005 0.0013	0.0052 0.0381 2.2990 0.0006 0.0038	0.0003 0.0504 1.4384 0.0007 0.0021	0.0034 0.0418 1.8038 0.0008 0.0027
0.0588 1.0677 0.0005 0.0018 0.0559 1.2313 0.0006 0.0018 0.0525 1.5301 0.0009 0.0037	0.0022 0.0602 0.8276 0.0006 0.0013	0.0032 0.0438 1.2774 0.0009 0.0017	0.0600 0.8430 0.0007 0.0004 0.0316 3.3231 0.0015 0.0058	0.0393 1.9567 0.0008 0.0044	0.0000 0.0526 0.5985 0.0006 0.0004	0.0062 0.0323 2.8248 0.0012 0.0059	0.0302 2.5938 0.0012 0.0056	0.0000 0.0501 0.9617 0.0004 0.0000	0.0000 0.0561 0.6333 0.0006 0.0010	0.0000 0.0427 0.7724 0.0005 0.0008	0.0325 3.0353 0.0016 0.0066	0.0000 0.0495 0.5263 0.0005 0.0001	0.0000 0.0673 0.6288 0.0003 0.0001	0.0438 1.0950 0.0007 0.0020	0.0000 0.0406 0.5161 0.0006 0.0002	0.0000 0.0518 0.5588 0.0005 0.0002	0.0507 0.5935 0.0005 0.0001	0.0000 0.0444 1.0280 0.0007 0.0016	0.0057 0.0420 1.9086 0.0010 0.0035	0.0502 2.3105 0.0011 0.0042	0.0072 0.0490 2.7006 0.0016 0.0048	0.0500 2.2465 0.0011 0.0042 0.0507 2.6120 0.0008 0.0048	0.0050 0.0506 2.2690 0.0008 0.0039	0.0492 2.9552 0.0012 0.0050	0.0047 0.0378 3.2044 0.0012 0.0050	0.0351 3.5211 0.0014 0.0051	0.0341 4.8142 0.0020 0.0063	0.0074 0.0327 3.3178 0.0017 0.0080	0.0005 0.0419 0.4914 0.0004 0.0009	0.0066 0.0356 2.7697 0.0010 0.0047	0.0025 0.0628 1.5453 0.0006 0.0025	0.0501 0.9632 0.0005 0.0018	0.0052 0.0381 2.2990 0.0006 0.0038	0.0504 1.4384 0.0007 0.0021	0.0034 0.0418 1.8038 0.0008 0.0027
0.0009 0.0588 1.0677 0.0005 0.0018 0.0028 0.0559 1.2313 0.0006 0.0018 0.0035 0.0525 1.5301 0.0009 0.0037	0.1422 0.0022 0.0602 0.8276 0.0006 0.0013	0.1778 0.0032 0.0438 1.2774 0.0009 0.0017	0.0000 0.0600 0.8430 0.0007 0.0004 0.0163 0.0316 3.3231 0.0015 0.0058	0.0052 0.0393 1.9567 0.0008 0.0044	0.1255 0.0000 0.0526 0.5985 0.0006 0.0004	0.3346 0.0062 0.0323 2.8248 0.0012 0.0059	0.0078 0.0302 2.5938 0.0012 0.0056	0.0824 0.0000 0.0501 0.9617 0.0006 0.0013	0.0694 0.0000 0.0561 0.6333 0.0006 0.0010	0.0924 0.0000 0.0427 0.7724 0.0005 0.0008	0.0064 0.0325 3.0353 0.0016 0.0066	0.0371 0.0000 0.0495 0.5263 0.0005 0.0001	0.0476 0.0000 0.0673 0.6288 0.0003 0.0001	0.1922 0.0003 0.0438 1.0950 0.0007 0.0020	0.1125 0.0000 0.0406 0.5161 0.0006 0.0002	0.0295 0.0000 0.0518 0.5588 0.0005 0.0002	0.0000 0.0507 0.5935 0.0005 0.0001	0.1137 0.0000 0.0444 1.0280 0.0007 0.0016	0.2382 0.0057 0.0420 1.9086 0.0010 0.0035	0.0042 0.0502 2.3105 0.0003 0.0042 0.0042	0.3537 0.0072 0.0490 2.7006 0.0016 0.0048	0.0074 0.0507 2.6120 0.0008 0.0048	0.2437 0.0050 0.0506 2.2690 0.0008 0.0039	0.0060 0.0492 2.9552 0.0012 0.0050	0.3817 0.0047 0.0378 3.2044 0.0012 0.0050	0.3985 0.0065 0.0351 3.5211 0.0014 0.0051	0.0071 0.0341 4.8142 0.0020 0.0063	0.3064 0.0045 0.0517 3.0823 0.0008 0.0042	0.0544 0.0005 0.0419 0.4914 0.0004 0.0009	0.3687 0.0066 0.0356 2.7697 0.0010 0.0047	0.1477 0.0025 0.0628 1.5453 0.0006 0.0025	0.3801 0.0025 0.0501 0.9632 0.0005 0.0018	0.3452 0.0052 0.0381 2.2990 0.0006 0.0038	0.0003 0.0504 1.4384 0.0007 0.0021	0.2523 0.0034 0.0418 1.8038 0.0008 0.0027
0.0218 0.2104 0.0009 0.0588 1.0677 0.0005 0.0018 0.0000 0.3074 0.0028 0.0559 1.2313 0.0006 0.0018 0.0000 0.2708 0.0355 1.5301 0.0009 0.0037	. 0.0511 0.1422 0.0022 0.0602 0.8276 0.0006 0.0013	0.1042 0.1778 0.0032 0.0438 1.2774 0.0009 0.0017	0.0807 0.0364 0.0000 0.0600 0.8430 0.0007 0.0004 0.1121 0.4164 0.0163 0.0316 3.3231 0.0015 0.0058	0.1776 0.2595 0.0052 0.0393 1.9567 0.0008 0.0044	0.0000 0.1255 0.0000 0.0526 0.5985 0.0006 0.0004	0.1064 0.3346 0.0062 0.0323 2.8248 0.0012 0.0059	0.1666 0.3260 0.0078 0.0302 2.5938 0.0012 0.0056	0.0452 0.0824 0.0000 0.0501 0.9617 0.0006 0.0013	0.0000 0.0694 0.0000 0.0561 0.6333 0.0006 0.0010	0.0284 0.0924 0.0000 0.0427 0.7724 0.0005 0.0008	0.0000 0.4411 0.0064 0.0325 3.0353 0.0016 0.0066	0.0872 0.0371 0.0000 0.0495 0.5263 0.0005 0.0001	0.0316 0.0476 0.0000 0.0673 0.6288 0.0003 0.0001	0.0000 0.1922 0.0003 0.0438 1.0950 0.0007 0.0020	0.0264 0.1125 0.0000 0.0406 0.5161 0.0006 0.0002	0.0285 0.0295 0.0000 0.0518 0.5588 0.0005 0.0002	0.0569 0.0184 0.0000 0.0507 0.5935 0.0005 0.0001	0.0586 0.1137 0.0000 0.0444 1.0280 0.0007 0.0016	0.0876 0.2382 0.0057 0.0420 1.9086 0.0010 0.0035	0.0486 0.3193 0.0042 0.0502 2.3105 0.0011 0.0042	0.0548 0.3537 0.0072 0.0490 2.7006 0.0016 0.0048	0.0673 0.2820 0.0051 0.0500 2.2465 0.0011 0.0042 0.2629 0.3528 0.0074 0.0507 2.6120 0.0008 0.0048	0.0234 0.2437 0.0050 0.0506 2.2690 0.0008 0.0039	0.0469 0.3601 0.0060 0.0492 2.9552 0.0012 0.0050 0.0000 0.0469 0.0057 0.0457 2.5656 0.0013 0.0036	0.0000 0.3817 0.0047 0.0378 3.2044 0.0012 0.0050	0.0445 0.3985 0.0065 0.0351 3.5211 0.0014 0.0051	0.0000 0.4595 0.0071 0.0341 4.8142 0.0020 0.0063	0.1103 0.3064 0.0045 0.0517 3.0823 0.0008 0.0042	0.3266 0.0544 0.0005 0.0419 0.4914 0.0004 0.0009	0.0273 0.3687 0.0066 0.0356 2.7697 0.0010 0.0047	0.0000 0.1477 0.0025 0.0628 1.5453 0.0006 0.0025	0.0138 0.1754 0.0000 0.0431 0.6980 0.0005 0.0013 0.0564 0.3801 0.0025 0.0501 0.9632 0.0005 0.0018	0.0166 0.3452 0.0052 0.0381 2.2990 0.0006 0.0038	0.1298 0.3214 0.0049 0.0447 2.5301 0.0013 0.0041 0.0860 0.0926 0.0003 0.0504 1.4384 0.0007 0.0021	0.0665 0.2523 0.0034 0.0418 1.8038 0.0008 0.0027
11.6445 0.0218 0.2104 0.0009 0.0588 1.0677 0.0005 0.0015 10.2996 0.0000 0.3074 0.0028 0.0559 1.2313 0.0006 0.0018 8.5295 0.0000 0.2708 0.0035 0.055 1.5301 0.0009 0.0037	11.8644 0.0511 0.1422 0.0022 0.0602 0.8276 0.0006 0.0013	11.1525 0.1042 0.1778 0.0032 0.0438 1.2774 0.0009 0.0017	15.4323 0.0807 0.0364 0.0000 0.0600 0.8430 0.0007 0.0004 3.0380 0.1121 0.4164 0.0163 0.0316 3.3231 0.0015 0.0058	7.8089 0.1776 0.2595 0.0052 0.0393 1.9567 0.0008 0.0044	15.8795 0.0000 0.1255 0.0000 0.0526 0.5985 0.0006 0.0004	5.7201 0.1064 0.3346 0.0062 0.0323 2.8248 0.0012 0.0059	5.2228 0.1666 0.3260 0.0078 0.0302 2.5938 0.0012 0.0056 0.6446 0.0377 0.0000 0.0000 0.0303 0.4747 0.0004 0.0000	3.5445 0.0277 0.0000 0.0000 0.0352 0.4177 0.0004 0.0000 12.7508 0.0452 0.0824 0.0000 0.0501 0.9617 0.0006 0.0013	15.5847 0.0000 0.0694 0.0000 0.0561 0.6333 0.0006 0.0010	11.3991 0.0284 0.0924 0.0000 0.0427 0.7724 0.0005 0.0008	2.3538 0.0000 0.4411 0.0064 0.0325 3.0353 0.0016 0.0066	12.7930 0.0872 0.0371 0.0000 0.0495 0.5263 0.0005 0.0001	17.1730 0.0316 0.0476 0.0000 0.0673 0.6288 0.0003 0.0001	9.2270 0.0000 0.1922 0.0003 0.0438 1.0950 0.0007 0.0020	11.2795 0.0264 0.1125 0.0000 0.0406 0.5161 0.0006 0.0002	13.7951 0.0285 0.0295 0.0000 0.0518 0.5588 0.0005 0.0002	12.8288 0.0569 0.0184 0.0000 0.0507 0.5935 0.0005 0.0001	10.9197 0.0586 0.1137 0.0000 0.0444 1.0280 0.0007 0.0016	8.9470 0.0876 0.2382 0.0057 0.0420 1.9086 0.0010 0.0035	7.2029 0.0486 0.3193 0.0042 0.0502 2.3105 0.0011 0.0042	5.8149 0.0548 0.3537 0.0072 0.0490 2.7006 0.0016 0.0048	8.8494 0.0673 0.2820 0.0051 0.0500 2.2465 0.0011 0.0042 7.4517 0.2629 0.3528 0.0074 0.0507 2.6120 0.0008 0.0048	10.0899 0.0234 0.2437 0.0050 0.0506 2.2690 0.0008 0.0039	6.4841 0.0469 0.3601 0.0060 0.0492 2.9552 0.0012 0.0050 0.3289 0.0000 0.2753 0.0057 0.0457 2.6566 0.0013 0.0036	5.6428 0.0000 0.3817 0.0047 0.0378 3.2044 0.0012 0.0050	3.9324 0.0445 0.3985 0.0065 0.0351 3.5211 0.0014 0.0051	3.6621 0.0000 0.4595 0.0071 0.0341 4.8142 0.0020 0.0063	7.8085 0.1103 0.3064 0.0045 0.0517 3.0823 0.0008 0.0042	8.3938 0.3266 0.0544 0.0005 0.0419 0.4914 0.0004 0.0009	4.0641 0.0273 0.3687 0.0066 0.0356 2.7697 0.0010 0.0047	14.3864 0.0000 0.1477 0.0025 0.0628 1.5453 0.0006 0.0025	11.2777 0.0138 0.1754 0.0000 0.0431 0.6980 0.0005 0.0013 12.9611 0.0564 0.3801 0.0025 0.0501 0.9632 0.0005 0.0018	6.6304 0.0166 0.3452 0.0052 0.0381 2.2990 0.0006 0.0038	6.8742 0.1298 0.3214 0.0049 0.0447 2.5301 0.0013 0.0041 14.6364 0.0860 0.0926 0.0003 0.0504 1.4384 0.0007 0.0021	10.5706 0.0665 0.2523 0.0034 0.0418 1.8038 0.0008 0.0027
0.0218 0.2104 0.0009 0.0588 1.0677 0.0005 0.0018 0.0000 0.3074 0.0028 0.0559 1.2313 0.0006 0.0018 0.0000 0.2708 0.0355 1.5301 0.0009 0.0037	11362 11,8644 0.0511 0.1422 0.0022 0.0022 0.0006 0.00013	11364 11.1525 0.1042 0.1778 0.0032 0.0438 1.2774 0.0009 0.0017	0.0807 0.0364 0.0000 0.0600 0.8430 0.0007 0.0004 0.1121 0.4164 0.0163 0.0316 3.3231 0.0015 0.0058	0.1776 0.2595 0.0052 0.0393 1.9567 0.0008 0.0044	11369 15.8795 0.0000 0.1255 0.0000 0.0526 0.5985 0.0006 0.0004	11370 5.7201 0.1064 0.3346 0.0062 0.0323 2.8248 0.0012 0.0059	0.1666 0.3260 0.0078 0.0302 2.5938 0.0012 0.0056	11372 3:0443 0:0271 0:0000 0:0000 0:0332 0:4111 0:0004 0:0000 11374 12.7508 0:0452 0:0824 0:0000 0:0501 0:9617 0:0006 0:0013	11375 15.5847 0.0000 0.0694 0.0000 0.0561 0.6333 0.0006 0.0010	11376 11.3991 0.0284 0.0924 0.0000 0.0427 0.7724 0.0005 0.0008	0.0000 0.4411 0.0064 0.0325 3.0353 0.0016 0.0066	11379 12.7930 0.0872 0.0371 0.0000 0.0495 0.5263 0.0005 0.0001	11380 17.1730 0.0316 0.0476 0.0000 0.0673 0.6288 0.0003 0.0001	9.2270 0.0000 0.1922 0.0003 0.0438 1.0950 0.0007 0.0020	11382 11.2795 0.0264 0.1125 0.0000 0.0406 0.5161 0.0006 0.0002	11383 13.7951 0.0285 0.0295 0.0000 0.0518 0.5588 0.0005 0.0002	0.0569 0.0184 0.0000 0.0507 0.5935 0.0005 0.0001	11386 10.9197 0.0586 0.1137 0.0000 0.0444 1.0280 0.0007 0.0016	11387 8.9470 0.0876 0.2382 0.0057 0.0420 1.9086 0.0010 0.0035	0.0486 0.3193 0.0042 0.0502 2.3105 0.0011 0.0042	11390 5.8149 0.0548 0.3537 0.0072 0.0490 2.7006 0.0016 0.0048	0.0673 0.2820 0.0051 0.0500 2.2465 0.0011 0.0042 0.2629 0.3528 0.0074 0.0507 2.6120 0.0008 0.0048	11393 10.0899 0.0234 0.2437 0.0050 0.0506 2.2690 0.0008 0.0039	0.0469 0.3601 0.0060 0.0492 2.9552 0.0012 0.0050 0.0000 0.0469 0.0057 0.0457 2.5656 0.0013 0.0036	11396 5.6428 0.0000 0.3817 0.0047 0.0378 3.2044 0.0012 0.0050	11397 3.9324 0.0445 0.3985 0.0065 0.0351 3.5211 0.0014 0.0051	0.0000 0.4595 0.0071 0.0341 4.8142 0.0020 0.0063	11400 7.8085 0.1103 0.3064 0.0045 0.0517 3.0823 0.0008 0.0042	11401 8.3938 0.3266 0.0544 0.0005 0.0419 0.4914 0.0004 0.0009	11402 4.0641 0.0273 0.3687 0.0066 0.0356 2.7697 0.0010 0.0047	11403 14.3864 0.0000 0.1477 0.0025 0.0628 1.5453 0.0006 0.0025	0.0138 0.1754 0.0000 0.0431 0.6980 0.0005 0.0013 0.0564 0.3801 0.0025 0.0501 0.9632 0.0005 0.0018	11406 6.6304 0.0166 0.3452 0.0052 0.0381 2.2990 0.0006 0.0038	0.1298 0.3214 0.0049 0.0447 2.5301 0.0013 0.0041 0.0860 0.0926 0.0003 0.0504 1.4384 0.0007 0.0021	11409 10.5706 0.0665 0.2523 0.0034 0.0418 1.8038 0.0008 0.0027

0.0002 0.0000 0.	0.0000 0.	0.0002
0.0006 0.0007 0.0007 0.0009 0.0009 0.0009 0.0007 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006 0.0006	0.0007 0.0009 0.0001 0.0001 0.0009 0.0008 0.0009	0.0007
0.0119 0.0104 0.0137 0.0088 0.0104 0.0128 0.0127 0.0096 0.0075 0.0035 0.0135 0.0135 0.0137	0.0092 0.0110 0.01147 0.0139 0.0038 0.0134 0.0114 0.0114 0.0109 0.0109 0.0120 0	0.0116
0.0024 0.0028 0.0020 0.0020 0.0021 0.0028 0.0018 0.0028 0.0018 0.0016 0.0016 0.0020 0.0020 0.0020 0.0020 0.0020	0.0027 0.0025 0.0034 0.0030 0.0031 0.0036 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028	0.0028
0.0116 0.0118 0.0108 0.0115 0.01751 0.0123 0.0123 0.0120 0.0148 0.0118 0.0120 0.0120 0.0120 0.0118 0.0118 0.0118 0.0118	0.00150 0.00127 0.00193 0.00195 0.00165 0.00162 0.00170 0.00194 0.00172 0.00193 0.00105 0.00162 0.00162 0.00163 0.0016	0.0164
0.0007 0.0007 0.0009 0.0000 0.	0.0005 0.0000 0.	0.0000
0.0056 0.0096 0.0116 0.0052 0.0052 0.00110 0.00110 0.0093 0.00025 0.00043 0.00043 0.00043 0.00043 0.00043 0.00043 0.00043 0.00043 0.00043 0.00043	0.0055 0.0135 0.0038 0.0038 0.0038 0.0015 0.0115 0.00175 0.00170 0.00072 0.00087	0.0114
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	0.00017 0.0031 0.00036 0.00042 0.00042 0.00036 0.00039	0.0030
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0.0430 0.0347 0.0347 0.0483 0.0545 0.0378 0.0476 0.0461 0.0461 0.0502 0.0502 0.0502 0.0503 0.0503 0.0503 0.0503 0.0503	0.0626 0.0452 0.0452 0.0425 0.0370 0.0370 0.0413 0.0472 0.0573 0.0573 0.0458 0.	0.0407
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0.2433 0.2742 0.3964 0.1943 0.229 0.305 0.305 0.305 0.2738 0.288 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884 0.1212 0.0884	0.1951 0.3840 0.3840 0.3876 0.3876 0.3389 0.3285 0.3285 0.3223 0.3223 0.3223 0.3259 0.3259 0.3269 0.3269 0.3269 0.3269 0.3269 0.3269 0.3369 0.3381 0.3281 0.3281 0.3281 0.3281 0.3281 0.3381 0.	0.3365
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11.5266 7.3329 4.3366 12.4629 11.4803 11.55076 6.4188 8.4527 12.9670 11.4146 8.5937 13.1730 14.1730 14	3.8307 9.8834 14.3161 8.9496 11.8477 8.5379 1.001 11.6717 9.8334 6.5034 14.1746 13.6224 4.7348 22.2994 27.7631 13.6224 4.7348 7.7312 11.1130 14.1738 14.3341 7.7312 7.7312 11.1130 14.3341 7.7312 11.1130 14.3341 7.7312	9.0049
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0.0000	0.0008	0.0001	0.0002	0.0001	0.0004	0.0000	0.0004	0.0000	0.0032	0.0006	0.0007	0.0000	0.0000	0.0005	0.0004	0.0006	0.0000	0.0000	0.0002	0.0000	0.0004	0.0002	0.0003	0.0000	0.0006	0.0002	0.0002	0.0000	0.0001	0.0000	0.000	0.0000	0.0001	0.0006	0.0000	0.0000
0.0006	0.0003	0.0008	0.0007	900000	0.0007	0.0007	0.0005	0.0006	0.0008	0.0004	0.0007	0.0008	0.0008	900000	0.0008	0.0002	0.0009	0.0010	0.0001	0.0008	0.0007	0.0006	0.0007	0.0008	0.0006	0.0009	0.0008	0.0007	0.0007	0.0003	0.0007	0.0005	0.0002	0.0000	0.0007	0.0008
0.0106	0.0064	0.0119	0.0095	0.0100	0.0175	0.0085	0.0055	0.0086	0.0414	0.0137	0.0166	0.0135	0.0114	0.0103	0.0117	0.0000	0.0158	0.0165	0.0004	0.0138	0.0142	0.0154	0.0142	0.0129	0.0178	0.0143	0.0129	0.0165	0.0112	0.0000	0.0084	0.0105	0.0000	0.0126	0.0107	0.0000
0.0025 0		-	0.0027	-	-	0.0023		0.0024 (-		-	0.0026				0.0017	-		0.0018		-	0.0028 0		0.0029		-	0.0027		-	-	0.0029			0.0027	-	0.0030 (0.0020 (
0.0188 0.0227 0.			0.0458 0.		-	0.0176 0. 0.0168 0.		0.0373 0.	-		-	0.0219 0.0	-		-	0.1594 0.0185 0		Н	0.1619 0.0			0.0404 0.		0.0178 0.0			0.0194 0.0	-	-	0.1561 0.	-			0.0146 0. 0.0771 0.		0.0543 0. 0.1578 0.
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3 0.0008	-	-	3 0.0008		-	0.0008	-	0.0008	_	-	-	0.0008	-		-	0.0002			0.0001	-	-	0.0000		0.0009		-	0.0009		-	9 0.0001	-		-	0.00007	-	5 0.00010 9 0.00001
0.0003	-		0.0002			0.0000		0.0004	-		-	0.0002				0.0008			0.0006			9000.0		0.0004			0.0004			0.0009	-			0.0019		0.0006
0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0004	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0005	0.0101	0.0000	0.0000
0.0007	0.0003	0.0010	0.0008	0.0006	0.0008	0.0000	0.0005	0.0006	0.0007	0.0009	0.0005	0.0006	0.0007	0.0007	0.0008	0.0006	0.0009	0.0008	0.0005	0.0009	0.0007	0.0009	0.0007	0.0009	0.0009	0.0011	0.0009	0.0006	900000	0.0007	0.0006	0.0010	0.0006	0.0020	0.0000	0.00013
0.0029	0.0014	0.0029	0.0026	0.0024	0.0026	0.0028	0.0023	0.0026	0.0023	0.0028	0.0025	0.0026	0.0026	0.0025	0.0022	0.0008	0.0034	0.0029	0.0010	0.0038	0.0023	0.0032	0.0030	0.0030	0.0032	0.0044	0.0028	0.0030	0.0023	0.0006	0.0023	0.0033	0.0007	0.0034	0.0030	0.0039
0.0005			6000.0	-	-	0.0000		0.0004	-		-	0.0006	-		-	0.0012	-		0.0008			0.0009		0.0008	-	-	0.0016			0.0009	-			0.0008	-	0.0014 0.00016
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19 0.0008	0.0004	0.0009	0.0007	0.0007	0.0010	0.0013	0.0008	0.0015	0.0008	0.0007	0.0008	0.0008	0.0008	0.0008	0.0012	0.0005	0.0010	0.0011	0.0005	0.0013	0.0010	0.0011	0.0012	0.0007	0.0013	0.0022	0.0013	0.0009	0.0010	0.0004	0.0006	0.0011	0.0006	0.0001	0.0008	0.0010
2.6119 0	1.0733 0.0004	2.4782 0.0009	2.1678 0.0010	1.8532 0.0007	2.1023 0.0010	2.9175 0.0011	2.0996 0.0008	3.5773 0.0015	1.8557 0.0008	1.4929 0.0007	2.0204 0.0008	2 2004 0 00008	2.1662 0.0008	2.5107 0.0008	2.6639 0.0012	2.8791 0.0013	2.7053 0.0010	2.2147 0.0011	0.1760 0.0005	3.4057 0.0013	2.5718 0.0010	3.2192 0.0011	2.9960 0.0012	3.0117 0.0007	3.3162 0.0013	4.2760 0.0022	2 5594 0 0011	2.9666 0.0009	1.9969 0.0010	0.1518 0.0004	1.5705 0.0006	2.4181 0.0011	0.1455 0.0006	2.2578 0.0008	1.8989 0.0008	3.0631 0.0010 0.1449 0.0006
0.0383 2.6119 0 0.0437 2.7713 0	0.0451 1.0733 0.0004	0.0414 2.4782 0.0009	0.0376 2.2290 0.0007	0.0435 1.8532 0.0007	0.0456 2.1023 0.0010	0.0487 2.9457 0.0013	0.0472 2.0996 0.0008	0.0529 3.5773 0.0015	0.0443 1.8557 0.0008	0.0523 1.4929 0.0007	0.0421 2.0204 0.0008	0.0448 1.9909 0.0008	0.0448 2.1662 0.0008	0.0446 2.5107 0.0008	0.0378 2.6639 0.0012	0.0078 0.1868 0.0005	0.0369 2.7053 0.0010	0.0391 2.2147 0.0011	0.0066 0.1760 0.0005	0.0342 3.4057 0.0013	0.0449 2.5718 0.0010	0.0459 2.5489 0.0012	0.0494 2.9960 0.0012	0.0420 3.0117 0.0007	0.0374 3.3162 0.0013	0.0393 4.2760 0.0022	0.0454 2.5594 0.0011	0.0452 2.9666 0.0009	0.0416 1.9969 0.0010	0.0068 0.1518 0.0004	0.0399 1.5705 0.0006	0.0408 2.4181 0.0011	0.0068 0.1455 0.0006	0.0411 2.0767 0.0011 0.0432 2.2578 0.0008	0.0476 1.8989 0.0008	0.0061 0.1449 0.0006
2.6119 0	0.0451 1.0733 0.0004	0.0414 2.4782 0.0009	2.1678 0.0010	0.0435 1.8532 0.0007	0.0456 2.1023 0.0010	2.9175 0.0011	0.0472 2.0996 0.0008	3.5773 0.0015	0.0443 1.8557 0.0008	0.0523 1.4929 0.0007	0.0421 2.0204 0.0008	2 2004 0 00008	0.0448 2.1662 0.0008	0.0446 2.5107 0.0008	0.0378 2.6639 0.0012	2.8791 0.0013	0.0369 2.7053 0.0010	0.0391 2.2147 0.0011	0.1760 0.0005	0.0342 3.4057 0.0013	2.5718 0.0010	0.0459 2.5489 0.0012	0.0494 2.9960 0.0012	3.0117 0.0007	0.0374 3.3162 0.0013	0.0393 4.2760 0.0022	2 5594 0 0011	0.0452 2.9666 0.0009	0.0416 1.9969 0.0010	0.1518 0.0004	0.0399 1.5705 0.0006	0.0408 2.4181 0.0011	0.0068 0.1455 0.0006	2.2578 0.0008	0.0476 1.8989 0.0008	3.0631 0.0010 0.1449 0.0006
0.0383 2.6119 0 0.0437 2.7713 0	0.0000 0.0451 1.0733 0.0004	0.0058 0.0414 2.4782 0.0009	0.0376 2.2290 0.0007	0.0038 0.0435 1.8532 0.0007	0.0048 0.0456 2.1023 0.0010	0.0487 2.9457 0.0013	0.0041 0.0472 2.0996 0.0008	0.0529 3.5773 0.0015	0.0049 0.0443 1.8557 0.0008	0.0054 0.0523 1.4929 0.0007	0.0042 0.0421 2.0204 0.0008	0.0448 1.9909 0.0008	0.0036 0.0448 2.1662 0.0008	0.0046 0.0446 2.5107 0.0008	0.0054 0.0378 2.6639 0.0012	0.0078 0.1868 0.0005	0.0041 0.0369 2.7053 0.0010	0.0056 0.0391 2.2147 0.0011	0.0066 0.1760 0.0005	0.0052 0.0342 3.4057 0.0013	0.0059 0.0449 2.5718 0.0010	0.0459 2.5489 0.0012	0.0055 0.0494 2.9960 0.0012	0.0420 3.0117 0.0007	0.0064 0.0374 3.3162 0.0013	0.0077 0.0393 4.2760 0.0022	0.0454 2.5594 0.0011	0.0054 0.0452 2.9666 0.0009	0.0041 0.0416 1.9969 0.0010	0.0068 0.1518 0.0004	0.0031 0.0399 1.5705 0.0006	0.0122 0.0408 2.4181 0.0011	0.0008 0.0068 0.1455 0.0006	0.0411 2.0767 0.0011 0.0432 2.2578 0.0008	0.0052 0.0476 1.8989 0.0008	0.0061 0.1449 0.0006
0.3146 0.0071 0.0383 2.6119 0 0.2915 0.0049 0.0437 2.7713 0	0.1321 0.0000 0.0451 1.0733 0.0004	0.3042 0.0058 0.0414 2.4782 0.0009	0.2448 0.0039 0.0376 2.2290 0.0007 0.3003 0.0031 0.0434 2.1678 0.0010	0.2680 0.0038 0.0435 1.8532 0.0007	0.2792 0.0048 0.0456 2.1023 0.0010	0.2605 0.0034 0.0487 2.4457 0.0013 0.2479 0.0044 0.0477 2.9175 0.0011	0.1849 0.0041 0.0472 2.0996 0.0008	0.2788 0.0065 0.0529 3.5773 0.0015	0.2950 0.0049 0.0443 1.8557 0.0008	0.2243 0.0054 0.0523 1.4929 0.0007	0.2249 0.0042 0.0421 2.0204 0.0008	0.2861 0.0045 0.0448 1.9909 0.0008	0.2824 0.0036 0.0448 2.1662 0.0008	0.2395 0.0046 0.0446 2.5107 0.0008	0.3198 0.0054 0.0378 2.6639 0.0012	0.0010 0.0000 0.0078 0.1868 0.0005 0.3376 0.0076 0.0430 2.8791 0.0013	0.2962 0.0041 0.0369 2.7053 0.0010	0.2802 0.0056 0.0391 2.2147 0.0011	0.0000 0.0003 0.0066 0.1760 0.0005	0.3817 0.0052 0.0342 3.4057 0.0013	0.3046 0.0059 0.0449 2.5718 0.0010	0.3172 0.0045 0.0459 2.5489 0.0012 0.3172 0.0045 0.0451 3.2192 0.0011	0.2788 0.0055 0.0494 2.9960 0.0012	0.3432 0.0055 0.0420 3.0117 0.0007	0.3189 0.0064 0.0374 3.3162 0.0013	0.3878 0.0077 0.0393 4.2760 0.0022	0.3341 0.0069 0.0495 3.3217 0.0013	0.3085 0.0054 0.0452 2.9666 0.0009	0.2559 0.0041 0.0416 1.9969 0.0010	0.0000 0.0000 0.0068 0.1518 0.0004	0.1964 0.0031 0.0399 1.5705 0.0006	0.2919 0.0122 0.0408 2.4181 0.0011	0.0000 0.0008 0.0068 0.1455 0.0006	0.2760 0.0060 0.0411 2.0767 0.0011 0.2995 0.0055 0.0432 2.2578 0.0008	0.2773 0.0052 0.0476 1.8989 0.0008	0.3804 0.0068 0.0398 3.0631 0.0010 0.0000 0.0001 0.0061 0.1449 0.0006
0.0878 0.3146 0.0071 0.0383 2.6119 0 0.0576 0.2915 0.0049 0.0437 2.7713 0	0.0000 0.1321 0.0000 0.0451 1.0733 0.0004	0.0078 0.3042 0.0058 0.0414 2.4782 0.0009	0.0656 0.2448 0.0039 0.0376 2.2290 0.0007 0.0244 0.3003 0.0031 0.0434 2.1678 0.0010	0.0134 0.2680 0.0038 0.0435 1.8532 0.0007	0.0182 0.2792 0.0048 0.0456 2.1023 0.0010	0.0015 0.2605 0.0034 0.0487 2.4457 0.0013 0.1039 0.2479 0.0044 0.0477 2.9175 0.0011	0.0476 0.1849 0.0041 0.0472 2.0996 0.0008	0.0437 0.2788 0.0065 0.0529 3.5773 0.0015	0.1401 0.2950 0.0049 0.0443 1.8557 0.0008	0.1827 0.2243 0.0054 0.0523 1.4929 0.0007	0.0659 0.2249 0.0042 0.0421 2.0204 0.0008	0.0000 0.2861 0.0045 0.0448 1.9909 0.0008	0.0000 0.2824 0.0036 0.0448 2.1662 0.0008	0.0900 0.2395 0.0046 0.0446 2.5107 0.0008	0.0000 0.3198 0.0054 0.0378 2.6639 0.0012	0.0000 0.3376 0.0076 0.0430 2.8791 0.0013	0.0654 0.2962 0.0041 0.0369 2.7053 0.0010	0.0303 0.2802 0.0056 0.0391 2.2147 0.0011	0.0562 0.0000 0.0003 0.0066 0.1760 0.0005 0.0138 0.2888 0.0050 0.0419 2.2119 0.0011	0.0043 0.3817 0.0052 0.0342 3.4057 0.0013	0.0000 0.3046 0.0059 0.0449 2.5718 0.0010	0.0038 0.3172 0.0045 0.00451 3.2192 0.0011	0.0587 0.2788 0.0055 0.0494 2.9960 0.0012	0.0000 0.3432 0.0055 0.0420 3.0117 0.0007	0.0488 0.3189 0.0064 0.0374 3.3162 0.0013	0.0078 0.3878 0.0077 0.0393 4.2760 0.0022	0.0092 0.3341 0.0069 0.0495 3.3217 0.0013 0.0826 0.3360 0.0046 0.0454 2.5594 0.0011	0.0313 0.3085 0.0054 0.0452 2.9666 0.0009	0.0000 0.2559 0.0041 0.0416 1.9969 0.0010	0.0610 0.0000 0.0000 0.0068 0.1518 0.0004	0.0441 0.1964 0.0031 0.0399 1.5705 0.0006	0.1366 0.2919 0.0122 0.0408 2.4181 0.0011	0.0931 0.0000 0.0008 0.0068 0.1455 0.0006	0.0914 0.2760 0.0060 0.0411 2.0767 0.0011 0.0758 0.2995 0.0055 0.0432 2.2578 0.0008	0.1122 0.2773 0.0052 0.0476 1.8989 0.0008	0.0326 0.3804 0.0068 0.0398 3.0631 0.0010 0.1076 0.0000 0.0001 0.0061 0.1449 0.0006
8.6885 0.0878 0.3146 0.0071 0.0383 2.6119 0 10.4256 0.0576 0.2915 0.0049 0.0437 2.7713 0	16.7468 0.0000 0.1321 0.0000 0.0451 1.0733 0.0004	9.7469 0.0078 0.3042 0.0058 0.0414 2.4782 0.0009	12.0783 0.0656 0.2448 0.0039 0.0376 2.2290 0.0007 8.3504 0.0244 0.3003 0.0031 0.0434 2.1678 0.0010	9.4319 0.0134 0.2680 0.0038 0.0435 1.8532 0.0007	11.7788 0.0182 0.2792 0.0048 0.0456 2.1023 0.0010	10.3680 0.0015 0.2605 0.0034 0.0487 2.4457 0.0013 10.2494 0.1039 0.2479 0.0044 0.0477 2.9175 0.0011	13.9629 0.0476 0.1849 0.0041 0.0472 2.0996 0.0008	11.2233 0.0437 0.2788 0.0065 0.0529 3.5773 0.0015	9.4093 0.1401 0.2950 0.0049 0.0443 1.8557 0.0008	11.9938 0.1827 0.2243 0.0054 0.0523 1.4929 0.0007	9.2301 0.0659 0.2249 0.0042 0.0421 2.0204 0.0008	9.6243 0.0000 0.2861 0.0045 0.0448 1.9909 0.0008 o 8469 0.0006 0.2350 0.0040 0.0401 2.2004 0.0009	9.8681 0.0000 0.2824 0.0036 0.0448 2.1662 0.0008	10.5419 0.0900 0.2395 0.0046 0.0446 2.5107 0.0008	8.4034 0.0000 0.3198 0.0054 0.0378 2.6639 0.0012	7.9004 0.0000 0.3376 0.0076 0.0430 2.8791 0.0013	7.4287 0.0654 0.2962 0.0041 0.0369 2.7053 0.0010	8.6581 0.0303 0.2802 0.0056 0.0391 2.2147 0.0011	23.2969 0.0562 0.0000 0.0003 0.0066 0.1760 0.0005 9.0898 0.0138 0.2888 0.0050 0.0419 2.2119 0.0011	4.9366 0.0043 0.3817 0.0052 0.0342 3.4057 0.0013	9.9921 0.0000 0.3046 0.0059 0.0449 2.5718 0.0010	6.9982 0.0838 0.3172 0.0045 0.0459 3.2192 0.0011	8.7485 0.0587 0.2788 0.0055 0.0494 2.9960 0.0012	7.4222 0.0000 0.3432 0.0055 0.0420 3.0117 0.0007 7.3136 0.1995 0.2755 0.0044 0.0407 3.5105 0.0015	6.4700 0.0488 0.3189 0.0064 0.0374 3.3162 0.0013	6.0063 0.0078 0.3878 0.0077 0.0393 4.2760 0.0022	8.1118 0.0092 0.3341 0.0069 0.0495 3.3217 0.0013 9.5329 0.0826 0.2360 0.0046 0.0454 2.5594 0.0011	8.3520 0.0313 0.3085 0.0054 0.0452 2.9666 0.0009	10.0009 0.0000 0.2559 0.0041 0.0416 1.9969 0.0010	23.7114 0.0610 0.0000 0.0000 0.0068 0.1518 0.0004	4.7002 0.1301 0.3230 0.0033 0.0424 3.3062 0.0013 13.2002 0.0441 0.1964 0.0031 0.0399 1.5705 0.0006	7.1658 0.1366 0.2919 0.0122 0.0408 2.4181 0.0011	24.1729 0.0931 0.0000 0.0008 0.0068 0.1455 0.0006	8.3519 0.0914 0.2760 0.0060 0.0411 2.0767 0.0011 7.6245 0.0758 0.2995 0.0055 0.0432 2.2578 0.0008	11.8892 0.1122 0.2773 0.0052 0.0476 1.8989 0.0008	7.4863 0.0326 0.3804 0.0068 0.0398 3.0631 0.0010 24.0608 0.1076 0.0000 0.0001 0.0061 0.1449 0.0006
0.0878 0.3146 0.0071 0.0383 2.6119 0 0.0576 0.2915 0.0049 0.0437 2.7713 0	11462 16.7468 0.0000 0.1321 0.0000 0.0451 1.0733 0.0004	11463 9.7469 0.0078 0.3042 0.0058 0.0414 2.4782 0.0009	0.0656 0.2448 0.0039 0.0376 2.2290 0.0007 0.0244 0.3003 0.0031 0.0434 2.1678 0.0010	11466 9.4319 0.0134 0.2680 0.0038 0.0435 1.8532 0.0007	11467 11.7788 0.0182 0.2792 0.0048 0.0456 2.1023 0.0010	0.0015 0.2605 0.0034 0.0487 2.4457 0.0013 0.1039 0.2479 0.0044 0.0477 2.9175 0.0011	11470 13.9629 0.0476 0.1849 0.0041 0.0472 2.0996 0.0008	0.0437 0.2788 0.0065 0.0529 3.5773 0.0015	11473 9.4093 0.1401 0.2950 0.0049 0.0443 1.8557 0.0008	11474 11.9938 0.1827 0.2243 0.0054 0.0523 1.4929 0.0007	11475 9.2301 0.0659 0.2249 0.0042 0.0421 2.0204 0.0008	0.0000 0.2861 0.0045 0.0448 1.9909 0.0008	11478 9.8681 0.0000 0.2824 0.0036 0.0448 2.1662 0.0008	11479 10.5419 0.0900 0.2395 0.0046 0.0446 2.5107 0.0008	11480 8.4034 0.0000 0.3198 0.0054 0.0378 2.6639 0.0012	0.0000 0.3376 0.0076 0.0430 2.8791 0.0013	11483 7.4287 0.0654 0.2962 0.0041 0.0369 2.7053 0.0010	11484 8.6581 0.0303 0.2802 0.0056 0.0391 2.2147 0.0011	0.0562 0.0000 0.0003 0.0066 0.1760 0.0005 0.0138 0.2888 0.0050 0.0419 2.2119 0.0011	11487 4.9366 0.0043 0.3817 0.0052 0.0342 3.4057 0.0013	11488 9.9921 0.0000 0.3046 0.0059 0.0449 2.5718 0.0010	0.0038 0.3172 0.0045 0.00451 3.2192 0.0011	11491 8.7485 0.0587 0.2788 0.0055 0.0494 2.9960 0.0012	0.0000 0.3432 0.0055 0.0420 3.0117 0.0007	11494 6.4700 0.0488 0.3189 0.0064 0.0374 3.3162 0.0013	11495 6.0063 0.0078 0.3878 0.0077 0.0393 4.2760 0.0022	0.0092 0.3341 0.0069 0.0495 3.3217 0.0013 0.0826 0.3360 0.0046 0.0454 2.5594 0.0011	11498 8.3520 0.0313 0.3085 0.0054 0.0452 2.9666 0.0009	11499 10.0009 0.0000 0.2559 0.0041 0.0416 1.9969 0.0010	11500 23.7114 0.0610 0.0000 0.0000 0.0068 0.1518 0.0004	13.2002 0.0441 0.1964 0.0031 0.0399 1.5705 0.0006	11503 7.1658 0.1366 0.2919 0.0122 0.0408 2.4181 0.0011	11504 24.1729 0.0931 0.0000 0.0008 0.0068 0.1455 0.0006	0.0914 0.2760 0.0060 0.0411 2.0767 0.0011 0.0758 0.2995 0.0055 0.0432 2.2578 0.0008	11507 11.8892 0.1122 0.2773 0.0052 0.0476 1.8989 0.0008	0.0326 0.3804 0.0068 0.0398 3.0631 0.0010 0.1076 0.0000 0.0001 0.0061 0.1449 0.0006

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0.0000		0.0002	0.0004	0.0000	0.0003			0.0001	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0004	0.0002	0.0004	0.0000	0.0001		0.0000	0.0002		0.0000	0.0000	0.0001	0.0003	0.0000		0.0000			0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0005	0.0000	0.0000		0.0000	0.000	
0.0009	0.0007	0.0006	0.0005	0.0005	0.0006	0.0005	0.0006	0.0007	0.0008	0.0010	0.0008	0.0007	900000	0.0009	0.0007	0.0007	0.0006	0.0007	0.0007	0.0006	0.0009	0.0010	0.0006	0.0007	0.0008	0.0007	0.0009	0.0008	0.0007	0.0007	0.0007	0.0009	0.0008	0.0007	0.0007	0.0008	0.0010	0.0000	0.0000	0.0008	0.0006	0.0009	0.0008	0.0009	0.0006	0.000	0.0003
0.0085	0.0082	0.0108	0.0084	920000	0.0079	0.0080	0.0084	0.0130	9600.0	0.0092	6600.0	0.0076	0.0077	0600.0	0.0094	0.0087	0.0103	0.0112	0.0119	0.0142	0.0142	0.0140	0.0095	0.0125	0.0091	0.0123	0.0133	0.0133	0.0135	0.0131	0.0121	0.0126	0.0137	0.0102	0.0116	0.0132	0.0129	6600.0	0.0150	0.0106	0.0108	0.0132	0.0132	0.0151	0.0131	0.0031	0.0130
0.0032	0.0025	0.0025	0.0021		-	-	-	-								0.0027	0.0026	0.0028	0.0028	0.0029	0.0032			0.0026	-	0.0030	0.0029						-	-		-	-	-	-	-	-			-	0.0026	-	_
0.0374 0	0.0141 0	0.0204 0	0.0147 0		-	-	-	-		0.0200		0.0205 0				0.0350 0	0.0399 0	0.0151 0	0.0164 0	0.0209 0	0.0143 0	0.0161 0		0.0288 0		0.0279 0	0.0233 0			0.0201 0	0.0414 0		-		-	-	-	-	-	-	-			-	0.0438 0		
0.0002 0.0000 0.0000	0.0000	0.0004 0.	0.0004 0.	-	-	-		-				0.0000.0				0.0008 0.	0.0009	0.0000	0.0000	0.0000	0.0001 0.			0.0006		0.0010 0.	0.0006 0.				0.0000	0.0004 0.	-	-	-		-	-	-	-	-	-	-		0.0000	-	_
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1 0.0132			7 0.0072	-	-	-	-	-		0 0.0116	9 0.0102	7 0.0074			0.0110	0.0102	0.0093	0 0.0113	9 0.0102	0 0.0124	2 0.0147			9800.0		2 0.0154	0 0.0112			0.0085	0.0095			-	-			-	-	-	-				0.0091	-	
5 0.0011		5 0.0008	1 0.0007	-	-	-	-	-		3 0.0010						0.0000	900000	5 0.0010	600000 6		3 0.0012			1 0.0008		2 0.0012	3 0.0010			1 0.0008								-	-	-	-	-	-		0.0008	-	
0.0005				-	-	-	-	-	-							0.0001	0.0006	0.0005	0.0009	0.0009	0.0008			0.0001	-	0.0002	0.0003						_			-	-	-	-	-	-	-	-		0.0004	-	_
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0016	0.0008	0.0010	0.0005	0.0007	0.0004	0.0004	0.0008	0.0012	0.0005	0.0009	0.0010	0.0005	0.0009	0.0016	0.0010	0.0010	0.0011	0.0012	0.0010	0.0010	0.0013	0.0012	0.0010	900000	0.0010	0.0013	0.0009	0.0007	0.0009	0.0007	0.0010	0.0012	0.0007	0.0000	0.0013	0.0014	0.0013	0.0014	0.0014	0.0006	0.0005	0.0010	0.0010	0.0000	0.0009	20000	0.0000
0.0044	0.0023	0.0032	0.0026	0.0027	0.0023	0.0021	0.0026	0.0046	0.0026	0.0033	0.0036	0.0029	0.0022	0.0041	0.0038	0.0032	0.0026	0.0040	0.0033	0.0037	0.0042	0.0043	0.0026	0.0030	0.0038	0.0046	0.0037	0.0025	0.0029	0.0031	0.0034	0.0036	0.0031	0.0029	0.0039	0.0037	0.0042	0.0040	0.0038	0.0016	0.0019	0.0048	0.0033	0.0032	0.0031	0.00	0.0023
0.00011	0.0006	0.0005	0.0004	-	-	-		-		0.0006		0.0008				0.0007	0.0007	0.0007	0.0008	0.0007	0.0008		0.0013	0.0008		0.0005	0.0008			0.0009	0.0009		-	-	-	-	+	-	-	-	-		-	-	0.00006	-	
0.0070 0.0050 0.	0.0048 0.	0.0052 0.	0.0040 0.	-	-	+	-	-				0.0036 0.			0.0045 0.	0.0051 0.	0.0050 0.	0.0063 0.	0.0058 0.	0.0055 0.	0.0058 0.		0.0038 0.	0.0045 0.		0.0057 0.	0.0044 0.			0.0040 0.	0.0045 0.				-	-	-	-	-	-	-	-		-	0.0041	-	
		0.0019 0.0	0.0010 0.0	-	-	-	-	-							0.0004 0.0	0.0011 0.0			0.0016 0.0	0.0020 0.0	0.0018 0.0			0.0014 0.0		0.0015 0.0	0.0008 0.0		0.0008 0.0	0.0009 0.0		0.0012 0.0	-	-	-	-	-	-	-	-	-		-	-	0.0000	-	_
97 0.0018 06 0.0017	57 0.0014			-	-	-	-	37 0.0010	-			600008				_	30 0.0012	34 0.0020															-	-	+	-	-	+	-	-	-	-	-	-		-	_
5.6397			3 2.3347	_	_			-	-	5 2.4207					3 2.2957	1 2.5012	3.1380	3 4.6964	3.9595	4.3822			2.4544	3.1113		5 4.1097	2.9235						_	-	-	-	-	-	-			_	_	-	2.3920	Ψ,	
0.0388	0.0	0.0476	0.0548	0.0480	0.0483	0.0538	0.0560	0.0343	0.0507	0.0465	0.0423	0.0491					0.0421	0.0413	0.0514	0.0457	0.0452			0.0501	-	0.0465	0.0532						_	0.0532	0.0502	0.0397	0.0368	0.0411	0.0414	0.0590	0.0555	-	-	0.0421	0.0407	_	0.0
0.0072	0.0051	0.0066	0.0052	0.0076	0.0027	0.0021	0.0037	0.0079	0.0058	0.0043	0.0060	0.0017	0.0028	0.0083	0.0085	0.0050	0.0057	0.0077	0.0088	0.0076	0.0087	0.0062	0.0079	0.0060	0.0071	0.0085	0.0071	0.0052	0.0069	0.0044	0.0054	0.0062	0.0053	0.0060	0.0097	0.0084	0.0074	0.0068	0.0071	0.0043	0.0032	0.0078	0.0053	0.0070	0.0056	0.0030	0.0019
0.5432	0.3012	0.2865	0.2232	0.2689	0.2215	0.2103	0.2701	0.3945	0.2635	0.3012	0.3143	0.2078	0.2171	0.3223	0.2661	0.2801	0.2755	0.3657	0.3381	0.3544	0.4223	0.3619	0.2803	0.2780	0.2634	0.3628	0.3265	0.2598	0.3088	0.2975	0.3320	0.3563	0.3532	0.2818	0.4337	0.4153	0.4315	0.3645	0.3865	0.2448	0.2017	0.3829	0.3346	0.3306	0.2937	0.1800	0.1832
0.0000			0.0290	-	-			-										0.0808	0.0000	0.1119	0.0315			0.0598		0.1811	0.1685						-		-			-					-		0.1923	-	
2.1260 0				_	-		-	-	~								10.5764 C	6.7304	8.7648						-	5.7991	7.3676						_		-		-	_	-	-	-		_	-	7.8137 (
11510 2. 11511 10.	11512 9.9		11514 11.	-		-	-	-									11528 10.		11530 8.	11531 7.	11532 5.9		11534 11.	11535 9.0		11537 5.	11538 7.3			`			-	-	-	+	-	-	-	-	-	-	-	-	11556 7.8	-	
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19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	10018	19918

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0.0006	0.0000	0.0004	0.0001	0.0003	0.0002	0.0002	0.0013	0.0006	0.0001	0.0007	0.0010
0.0005	0.0007	0.0005	0.0005	0.0005	0.0004	0.0006	0.0006	0.0002	0.0002	0.0002	0.0003
0.0093	0.0094	0.0113	0.0025	0.0051	0.0041	0900.0	0.0084	0.0020	0.0003	0.0000	0.0000
0.0024	0.0029	0.0025	0.0021	0.0023	0.0023	0.0023	0.0029	0.0021	0.0018	0.0012	0.0015
0.1310	0.1681	0.0516	0.1372	0.1140	0.1304	0.0673	0.0815	0.1612	0.1854	0.1485	0.0982
0.0017	0.0023	0.0005	0.0019	0.0013	0.0005	0.0016	0.0012	0.0007	0.0008	0.0008	0.0016
0.0034	0.0105	0.0072	0.0042	0.0044	0.0042	0.0057	0.0075	0.0018	0.0013	900000	0.0010
0.0004	0.0000	0.0007	0.0005	0.0005	0.0004	900000	900000	0.0001	0.0002	0.0002	0.0002
0.0003	0.0001	0.0004	0.0004	0.0004	900000	0.0001	0.0022	0.0023	0.0010	0.0005	0.0013
0.000.0	0.000.0	0.000.0	0.000.0	0.000.0	0.0002	0.000.0	0.0071	0.0089	0.0010	0.0004	0.0011
0.0007	0.0000	600000	0.0007	900000	0.0007	0.0005	0.0019	0.0015	900000	900000	0.0005
0.0017	0.0034	0.0026	0.0019	0.0015	0.0019	0.0020	0.0027	0.0014	0.0014	0.0164	0.0007
900000	0.0008	0.0027	0.0008	0.0005	600000	0.0002	0.0038	0.0016	0.0015	0.0013	0.0009
0.0023	0.0051	0.0000	0.0023	0.0015	0.0024	0.0028	0.0046	0.0020	0.0014	0.0010	0.0009
0.0005	0.0008	900000	0.0004	0.0005	0.0003	0.0005	0.0010	0.0008	900000	0.0005	0.0005
1.2229	2.3118	2.4614	0.8018	0.8935	0.9303	1.3094	2.5334	0.4712	0.3058	0.1431	0.1473
0.0392	0.0345	0.0307	0.0167	0.0211	0.0179	0.0289	0.0225	0.0337	0.0097	0.0111	0.0124
	0.0051	0.0047	0.0014	0.0027	0.0028	0.0041	0.0073	0.0008	0.0003	0.0000	0.0000
0.1813 0.0027	0.2727	0.3035	0.1202	0.1369	11122			0.0453	0.0376	0.0000	0.0000
0.0872	0.0573	0.0000	0.000.0	0.000.0				0.0019	0.0000	0.0000	0.0156
11560 13.8889 0.0872	8.7535	3.7592	7.436	6.785	11565 16.8489 0.0964	11566 14.1083 0.0000	11.1887 0.0811	7898.0	22.2460 0.0000		19918 11571 34.0263
11560	11561	11562	11563 1	11564 16.7859	11565	11566	8 11567 1	11568	11569	11570 32.8348	11571
19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918	19918

Zn (%)	0.0045	0.0047	0.0057	0.0049	0.0056	0.0059	0.0056	0.0052	0.0059	0.0060	0.0060	0.0057	0.0061	0.0064	0.0061	0.0056	0.0039	0.0047	0.0058	0.0043	0.0177	0.0342	0.0841	0.2536	0.0211	0.0128	0.0092	0.0073	0.0040	0.0075	0.0018	0.0023	0.0030	0.0052	0.0079	0.0056	0.0079	0.0050	0.0087
Cu (%) Zr	. ~	0.0023 0.0	0.0037 0.0	0.0024 0.0	0.0035 0.0	0.0032 0.0	0.0040 0.0	0.0072 0.0	0.0033 0.0	0.0036 0.0	0.0041 0.0	0.0041 0.0	0.0041 0.0	0.0028 0.0	0.0034 0.0	0.0000	0.0000.0	0.0000	0.0000	0.0000	0.0000	0.0002 0.0	0.0028 0.0	0.0077 0.3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0020	0.0026 0.0	0.0022 0.0	0.0014 0.0		0.0024 0.0	0.0016 0.0
H	-		F			_	_		_										_					_	_						_	-							-
(%) <u>IN</u>	0.0034	0.0032	0.0032	0.0036	0.0017	0.0020	0.0033	0.0002	0.0036	0.0043	0.0043	0.0043	0.0041	0900.0	0.0044	0.0198	0.0136	0.0150	0.0134	0.0123	0.0206	0.0148	0.0177	0.0196	0.0188	0.0253	0.0233			0.0197	0.0159	0.0201	0.0058	0.0044	0.0058	0.0045		0.0048	0.0059
Co (%)	0.0010	0.0010	0.0003	0.0011	0.0007	0.0005	0.0002	0.0003	0.0003	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0012	0.0012	0.0013	0.0012	0.0011	0.0014	0.0013	0.0015	0.0013	0.0012	0.0015	0.0021	0.0013	0.0009	0.0012	0.0014	0.0017	0.0008	0.0007	0.0008	0.0003	0.0008	0.0009	0.0007
Fe (%)	2.1972	2.3140	0.3885	2.2968	1.6052	1.1500	0.0000	0.2560	0.0121	0.1089	0.1781	0.0547	0.0549	0.2631	0.2215	2.5795	2.5117	2.8402	2.6121	2.3253	2.9105	2.5322	2.9973	2.4322	2.4672	2.9633	4.2853	2.5057	1.6692	2.3906	2.5737	3.4315	1.8923	1.4670	1.6371	0.5337	1.7552	1.8026	1.4159
Mn (%)	0.0212	0.0189	0.0257	0.0202	0.0213	0.0240	0.0393	0.0197	0.0449	0.0302	0.0212	0.0268	0.0242	0.0204	0.0192	0.0237	0.0217	0.0217	0.0232	0.0231	0.0251	0.0229	0.0222	0.0223	0.0248	0.0230	0.0198	0.0271	0.0309	0.0274	0.0241	0.0216	0.0337	0.0337	0.0360	0.0324	0.0303	0.0285	0.0383
Cr (%)		0.0058	0.0000	0.0074	0.0052	0.0033	00000.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0019	0.0000	0.0032	0.0073	0.0064	0.0071	0.0000	0.0085	0.0068	0.0075	0.0062	0.0083	0.0077	0.0097	0.0112	0.0121	0.0118	0.0113	0.0110	0.0077	0.0057	0.0066	0.0038		0.0066	0.0000
) (%) A	0.0019	0.0022	0.0000	0.0023	0.0010	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.000.0	0.0007	0.0000	0.1662 (0.0631	0.0913 (0.0769	0.0641	0.0863	0.0799	0.0809	0.1162 (0.0733	0.0890	0.0640	0.0529 (0.0331		0.0193	0.0279	0.0049	0.0032	0.0043	0.0020			0.0044
Ti (%)		0.2316 0	0.0543 0	0.2596 0	0.2098 0	0.1630 0	0.0471 0	0.0230 0	0.0506 0	0.0350 0	0.0170 0	0.0254 0	0.0218 0	0.0250 0	0.0258 0	0.2941 0	0.2699 0	0.2993 0	0.2906 0	0.2753 0	0.3000 0	0.2649 0	0.2695 0	0.2193 0	0.2313 0	0.2433 0	0.1776 0	0.1533 0	0.1464 0	0.1992 0	0.2100 0	0.2249 0	0.2425 0	0.2725 0	0.2928 0	0.1497 0		0.3278 0	0.2456 0
Ba (%) T	-	0.0123 0.	0.0000	0.0179 0.	0.0224 0.	0.0551 0.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0247 0.	0.0000	0.0145 0.	0.0052 0.	0.0000	0.0000	0.0000	0.0163 0.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0622 0.	0.0870 0.	0.0863 0.	0.0858 0.	-	_	0.0720 0.
Ca (%)	-	12.1636	33.9516	6.5094	13.9507	25.225	35.2965	26.4848	34.4710	36.3302	36.5983	37.6663	37.4483	39.1973	37.9204	4.7980	4.4367	4.6393	4.9422	4.5869	2.5682	2.7675	1.9696	1.7477	3.0943	1.2462	2.1395	1.3073	1.3588	1.4027	1.0974	2.1284	10.5184	. 11.8368	11.1238	23.9151	\vdash	8.6527	13.3414
K (%)	3.6531	3.1705	0.7234	3.7148	2.9800	2.1419	0.6597	0.5643	0.7669	0.5359	0.2130	0.3461	0.2252	0.2177	0.2895	3.3369	3.3868	3.3264	3.3227	3.1129	3.1612	3.0788	3.0687	2.9708	2.5995	2.9007	2.0415	1.6622	1.4043	2.1614	2.8011	2.7669	1.8839	2.5914	2.3712	0.6519	2.9612	3.6525	1.8906
S (%)	1.2553	1.3288	0.3679	0.8707	0.3654	0.2971	0.2521	0.1674	0.3018	0.3062	0.3380	0.3030	0.2523	0.3310	0.3311	1.1593	1.5141	1.5615	1.2858	1.5321	1.4565	1.6082	2.7503	1.8879	1.9025	2.6706	4.8151	2.3680	1.3528	1.7451	2.3466	3.6073	1.5339	0.4548	0.4747	0.3096	0.4995	0.5908	0.4034
P (%)	0.0649	0.0948	0.0299	0.0704	0.0693	0.2068	0.0511	0.0648	0.1522	0.0267	0.0049	0.000.0	0.000.0	0.0000	0.0000	0.1199	0.0644	0.0864	0.0747	0.0842	0.0625	0.0695	0.2307	0.0856	0.0734	0.0873	0.4011	0.0691	0.0665	0.0592	0.0527	0.0597	0.0836	0.0630	0.0862	0.0635	0.0744	0.0873	0.0951
Si (%)	20.0319	18.1713	5.0607	22.1055	17.2012	11.1156	4.4794	4.6335	5.0835	3.9369	2.5463	3.0649	2.6991	2.9254	2.6547	19.3027	22.7855	21.6105	21.0947	25.2820	20.8708	25.9717	25.4907	28.8173	28.3566	27.1253	27.8040	32.7964	33.6688	29.9594	31.1466	27.4547	25.0837	22.1747	19.4025	12.9638	18.0781	23.7610	16.0479
AI (%)	10	6.7453 1	1.7416	8.7668 2	6.8494	4.1320	1.1013	1.0241	1.3504	0.9855	0.2821	0.5923	0.3254	0.3820	0.3085	4.8887	5.9805 2	5.2432 2	5.3389 2	6.0145 2	4.6938 2	5.6629 2	5.5735 2	5.4689 2	4.5074	4.8367 2	3.0755 2	2.7239 3	2.4434 3	3.2987 2	4.3644	4.0936 2	3.4407 2	4.6387 2	3.7919 1	1.3871			2.7803 1
/ (%) M		1.2591 6	0.4540	1.0734 8	0.8483 6	0.9250 4	0.6696	0.0016 1	0.6758 1	0.5314	0.4380	0.2748 0	0.5455 0	0.4178 0	0.2837	0.8188 4	1.4012 5	1.1049 5	0.9355 5	1.7285 6	0.8665 4	1.4184 5	1.7011 5	1.4282 5	1.3702 4	0.8919 4	1.2494 3		0.7230 2	0.7363 3		0.7632 4	3.2486 3	3.5001 4	3.1092 3	2.4422		4.0324 6	3.2881 2
	-		0.3334 0			0.4133 0		0.4949 0	0.2845 0		0.2823 0	0.2290 0	0.2748 0	0.2348 0			0.4426							0.5110 1	0.4739 1	0.3896 0	0.2000				0.3612 0	0.2973 0			0.5544 3				-
ı (ft. Na (%)		6 0.4609		8 0.6262	9 0.5425		1 0.3637			6 0.2408					1 0.2094	2 0.5595		4 0.4604	5 0.5072	6 0.4374	7 0.5381	8 0.5257	9 0.4199					4 0.3891		0.5397			9 0.3691	0.4324		2 0.3303			5 0.5427
Depth (ft)		9226	9577	9218	9579	9580	9581	9584	9585	9286	9587	9588	9589	9290	9591	9592	9593	9594	9292	9656	9597	9298	9599	0096	9601	9602	9603		9605	9096	2096	9096	6096	9610	9611	9612		9614	9615
Well #	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101

0.0059	0.0082	0.0047	0.0000	0.0082	0.0064	6900.0	0.0061	0.0065	9200.0	0.0053	0.0061	0900.0	0.0044	0.0040	0.0045	0.0053	0.0035	0.0059	0.0088	0.0059	0.0049	0.0054	0.0054	0.0058	0.0043	0.0035	0.0056	0.0039	0.0085	0.0082	0.0072	2900°C	0.0061	0.0045	0.0043	0.0051	0.0048	0.000.0	0.0058
0.0015	0.0011	600000	0.0012	0.0012	0.0026	0.0031	0.0029	0.0029	0.0019	0.0032	0.0032	0.0031	0.0019	0.0017	0.0027	0.0026	0.0025	0.0024	0.0031	0.0000	0.0021	0.0023	0.0027	0.0027	0.0025	0.0026	0.0021	0.0026	0.0025	0.0028	0.0017	0.0016	0.0026	0.0022	0.0025	0.0026		0.0024	0.0022
0.0052	0.0069	0.0070	9200.0	0.0078	0.0055	0.0034	0.0053	0.0048	0.0051	0.0037	0.0040	0.0044	0.0053	0.0072	0.0064	0.0058	0.0065	0.0039	0.0073	0.0047	0.0036	0.0037	0.0030	0.0030	0.0044	0.0075	0.0043	0.0065	0.0055	0.0072	0.0055	0.0051	0.0061	0.0035	0.0057	0.0032	0.0061	0.0000	0.0052
9000.0	0.0007	600000	0.0007	0.0008	0.0002	0.0002	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0003	0.0005	9000.0	0.0005	0.0005	0.0002	0.0005	0.0003	0.0003	0.0002	0.0003	0.0003	0.0004	0.0005	0.0003	0.0005	0.0004	9000.0	0.0004	0.0003	0.0005	0.0003	0.0005	0.0003		0.0005	0.0005
1.4669	1.4608	1.9213	1.5757	1.6164	0.4621	0.2070	0.1677	0.2316	0.6462	0.2763	0.3252	0.4217	0.5670	0.9217	1.1029	9998.0	0.9140	0.4001	0.9898	0.7301	0.5177	0.3898	0.4899	0.3350	0.7288	0.9239	0.6047	0.8660	0.7585	1.2093	0.7573	9699.0	0.8733	0.6081	0.9833	0.4855	1.1414	0.9878	1.0429
0.0413	0.0404	0.0371	0.0416	0.0408	0.0195	0.0219	0.0256	0.0194	0.0304	0.0187	0.0190	0.0202	0.0317	0.0369	0.0356	0.0345	0.0349	0.0242	0.0342	0.0271	0.0229	0.0240	0.0253	0.0320	0.0276	0.0338	0.0277	0.0349	0.0341	0.0331	0.0324	0.0279	0.0332	0.0245	0.0340	0.0220	0.0332	0.0316	0.0284
0.0053	0.0061	0.0070	0.0059	0.0070	0.0000	0.0011	0.0000	0.0000	0.0062	0.0001	0.0018	0.0014	0.0000	0.0074	0.0080	0.0078	0.0091	0.0026	0.0082	0.0064	0.0045	0.0040	0.0040	0.0039	0.0079	0.0102	0900.0	0.0087	0.0074	0.0083	0.0067	9900.0	9200.0	0.0051	0.0080	0.0042	0.0073	0.0067	6900.0
0.0041	0.0059	0.0053	0.0081	0900.0	0.0000	0.0011	0.0000	0.0011	9600.0	0.0003	0.0000	0.0000	0.0079	0.0064	6900.0	0.0065	0.0046	0.0005	0.0073	0.0043	0.0019	0.0010	0.0012	0.0010	0.0031	0.0053	0.0046	0.0065	9900.0	0.0048	0.0044	0.0022	0.0048	0.0000	0.0034	0.0001	0.0043	0.0048	0.0014
0.2019	0.2061	0.2647	0.2392	0.2819	0.0185	0.0402	0.0150	0.0127	0.0930	0.0259	0.0304	0.0409	0.1147	0.2326	0.2574	0.2156	0.2207	9260.0	0.2694	0.1887	0.1249	0.1121	0.1177	0.1332	0.2170	0.2637	0.1711	0.2351	0.2086	0.3275	0.2379	0.2017	0.2666	0.1721	0.2688	0.1259	0.3114	0.2907	0.3015
0.0755	0.0868	0.0716	0.0885	0.0842	0.0000	0.0000	0.0000	0.0000	0.0086	0.0000	0.0000	0.0000	0.0295	0.0704	0.0555	0.1149	0.0844	0.0311	0.0604	0.0784	0.0620	0.0427	0.0476	0.0252	0.0988	0.0821	0.0830	0.0818	9080.0	0.0953	0.0924	0.1040	0.1108	0.0875	0.0612	0.0411	0.0918	0.1107	0.1378
16.8769	14.9283	11.2772	11.4688	10.9370	39.3016	29.9483	38.3402	36.9657	16.6447	33.6366	33.8051	33.3846	14.2442	10.1969	9.7897	11.4747	10.7050	30.1421	7.3432	17.9408	25.1418	27.3301	25.3604	24.4371	14.0515	7.8461	18.5122	10.1259	10.1441	7.4405	17.0922	18.3834	10.9978	21.4476	12.0111	26.5316	10.0662	11.3653	13.2628
1.2492	1.7851	2.2552	2.0488	2.1715	0.1312	0.2926	0.1268	0.1234	0.9024	0.2845	0.3666	0.3256	1.1811	1.9163	2.0794	1.9059	2.0006	0.6927	2.2127	1.4651	0.9409	0.7190	0.9133	0.9584	1.6406	2.3103	1.2673	2.0622	1.6320	2.6324	1.3334	1.4059	1.8967	1.1006	1.8290	0.8029		2.2129	2.1275
0.7154	0.5871	1.0401	0.6665	0.5903	0.4693	0.2065	0.4618	0.2832	0.3021	0.3420	0.3158	0.3880	0.2417	0.1566	0.2677	0.1135	0.2410	0.3134	0.2240	0.1968	0.1863	0.2736	0.2511	0.2033	0.1216	0.1683	0.1736	0.0944	0.0660	9980.0	0.1082	0.1082	0.0888	0.3160	0.3124	0.2569	0.2474	0.1272	0.2108
0.0758	0.0864	0.0620	0.0903	0.0898	0.0000	0.0424	0.0000	0.0000	0.0991	0.0372	0.0000	0.0185	0.1035	0.0951	0.0845	0.1022	0.0676	0.0301	0.0802	0.0967	0.0793	0.0549	0.0335	0.0497	0.1021	0.0795	0.0794	0.0884	0.0877	0.0741	0.0842	0.0644	0.0817	0.0627	0.0693	0.0551		0.0938	0.0935
17.0802	15.8142	21.2304	20.2049	19.9066	1.8497	6.3639	2.1894	2.4361	16.4224	5.4525	9960.9	6.2056	22.7567	26.4898	26.8492	24.7288	26.3666	9.2560	24.4033	18.4522	13.4618	12.0603	12.1026	12.2340	23.4725	30.3461	18.1179	27.1358	22.0524	24.4623	17.2963	17.2089	24.4670	16.3922	24.3615	11.9396	_	22.6794	21.8538
2.2173 1	2.5535 1	3.9140 2	3.1652 2	3.2857 1	0.0415	0.4562 (0.0543	0.0930	1.3648 1	0.4988	0.5921	0.6171 (1.9479 2	3.2471 2	3.5008 2	3.0941 2	3.3712 2	1.2927	3.3316 2	2.5670 1	1.9080	1.4732 1	1.7518 1	1.8643 1	3.0220 2	3.9049 3		3.6318 2	2.4901 2	4.2215 2	2.2319 1	2.4715 1	3.1553 2	2.2522 1	3.2293 2	1.6725 1		3.5980 2	3.8229 2
5.6004	3.0872	4.3397	3.8704	3.3709	0.1464 (0.5271 (0.7589 (0.2710 (1.0459	0.8996	0.2749 (0.8527 (2.1219	2.9555	3.0433	2.6179	2.4886	0.8584	1.3749	1.5428	1.2372	1.1392	0.7385	0.9298	2.2065	2.7137	1.1626	2.6396	1.4097	1.8400	1.3758	1.0234	2.1740	1.1739	2.2255	0.9823		1.7543	1.7391
0.4029	0.4674 3	0.3924 4	0.4798 3	0.4756 3	0.2383	0.3540	0.2814 0	0.2664 0	0.4360	0.3422	0.2592	0.2844 C	0.4096	0.4579 2	0.4528 3	0.4974	0.3878 2	0.3048	0.5931	0.4254 1	0.3681	0.3222	0.3188 0	0.3685	0.4326 2	0.4705 2	0.3766 1	0.4548 2	0.5343 1	0.5643 1	0.4533 1	0.3661 1	0.4300	0.3483 1	0.3902 2	0.3440		0.5787	0.5053 1
9616 0	9617 0	9618 0	9619 0	9620 0	9621 0	9622 0	9623 0	9624 0	9625 0	9626 0	9627 0	9628 0	9629 0	9630 0	9631 0	9633 0	9634 0	9635 0	9636 0	9637 0	9638 0	9639 0	9640 0	9641 0	9642 0	9643 0	9644 0	9645 0	9646 0	9647 0	9648 0	9649 0	9650 0	9651 0	9652 0	9653 0		9655 0	9656 0
18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101		18101	18101

3 15.0473 0.1127 0.2503 0.0009 0.0063 0.0242 1.7432 9.2780 0.0918 0.3158 0.0031 0.0076 0.0274 1.9257 1.4885 0.0000 0.2998 0.0748 0.0069 0.0210 2.9125 1.0177 0.0000 0.2704 0.0933 0.0067 0.0190 3.1332 1.1240 0.0000 0.2182 0.0674 0.0085 0.0220 2.8858 0.5967 0.0000 0.1663 0.0620 0.0113 0.0274 1.9117 0.9375 0.0000 0.2123 0.0756 0.0096 0.0249 2.3989 1.2347 0.0000 0.1894 0.0722 0.0095 0.0262 2.1413 2.0283 0.0000 0.1659 0.0528 0.0095 0.0262 2.4413					3.5160 4.6291 6.1906 5.8433 4.5818 3.2264 4.0416 3.5681 2.9174 3.6182 5.5404 4.5082 3.6343 4.2475 4.8392 4.228 4.9112 4.4902	1.3480 3.5160 1.2221 4.6291 1.2581 6.1906 0.7675 5.8433 1.0393 4.5818 0.5106 3.2264 0.7149 4.0416 0.8839 2.9174 0.8849 3.6182 0.9704 5.5404 0.9774 5.5404 0.9774 4.2082 0.9774 4.2475 0.6766 4.8392 0.9135 4.5228 0.6451 4.2268 0.3590 4.4912 0.9690 4.4902 0.8391 4.1703 0.8753 3.7228	1.3480 3.5160 1.2221 4.6291 1.2581 6.1906 0.7675 5.8433 1.0393 4.5818 0.5106 3.2264 0.7149 4.0416 0.3954 3.681 0.8839 2.9174 0.8849 3.6182 0.9704 5.5404 0.9771 3.6343 0.9774 4.2475 0.6766 4.8392 0.6756 4.8392 0.6756 4.8392 0.9135 4.5228 0.6451 4.2268 0.3590 4.4902 0.9690 4.4902 0.8331 4.1703 0.8753 3.7228	0.3860 1.3480 3.5160 0.4015 1.2221 4.6291 0.4370 1.2581 6.1906 0.4380 0.7675 5.8433 0.4273 1.0393 4.5818 0.4587 0.5106 3.2264 0.3553 0.7149 4.0416 0.3650 0.3954 3.6881 0.4151 0.8839 2.9174 0.4375 0.8704 5.5404 0.4745 0.9704 5.5404 0.4745 0.9704 4.2475 0.3860 0.9471 3.6343 0.4790 0.9135 4.5228 0.4790 0.9135 4.5228 0.4386 0.6451 4.2268 0.3419 0.3590 4.9102 0.3603 0.9690 4.4902 0.3795 0.8753 3.7228 0.3335 0.8753 3.7228
9.2780 0.0918 0.3158 0.0031 0.0076 0.0274 1.4885 0.0000 0.2998 0.0748 0.0069 0.0210 1.0177 0.0000 0.2704 0.0933 0.0067 0.0190 1.1240 0.0000 0.2182 0.0674 0.0085 0.0220 0.5967 0.0000 0.1663 0.0620 0.0113 0.0274 0.9375 0.0000 0.2123 0.0756 0.0096 0.0249 1.2347 0.0000 0.1659 0.0528 0.0169 0.0322 2.0283 0.0000 0.1659 0.0528 0.0362				26.2559 0.0782 26.8677 0.0653 25.9242 0.0652 29.7068 0.0993 34.0967 0.0588 31.9560 0.0925 33.2571 0.0621 33.556 0.0565 33.7261 0.0724 29.5031 0.0604 22.7110 0.0604 22.7110 0.0604 22.7132 0.0586 22.28084 0.0580 22.28084 0.0580 27.2056 0.0954	4.6291 26.2559 0.0782 6.1906 26.8677 0.0653 5.8433 25.9242 0.0652 4.5818 29.7068 0.0933 3.2264 34.0967 0.0588 4.0416 31.9560 0.0925 3.5681 32.3712 0.0621 2.9174 33.556 0.0665 3.6182 33.7261 0.0724 5.5404 29.5031 0.0606 4.5082 22.7110 0.0604 3.6343 32.9397 0.0666 4.2475 25.2688 0.1372 4.8392 22.9967 0.0606 4.528 29.4751 0.0804 4.228 26.6613 0.0544 4.3012 27.2326 0.0854 4.4902 27.2326 0.0854 4.1703 28.6558 0.0923	1.2221 4.6291 26.2559 0.0782 1.2581 6.1906 26.8677 0.0653 0.7675 5.8433 25.9242 0.0652 1.0393 4.5818 29.7068 0.0993 0.5106 3.2264 34.0967 0.0588 0.7149 4.0416 31.9560 0.0925 0.3954 3.5681 32.3712 0.0621 0.8839 2.9174 33.5556 0.0565 0.9704 5.5404 29.5031 0.0604 0.9774 5.5404 29.5031 0.0606 0.9794 4.2475 25.2688 0.1372 0.6766 4.8392 22.9967 0.0606 0.9135 4.5228 29.4751 0.0804 0.6451 4.268 26.6613 0.0544 0.3590 4.9112 22.8084 0.0580 0.9690 4.4902 27.2326 0.0854 0.8391 4.1703 28.6558 0.0923 0.8753 3.7228 27.2	1.2221 4.6291 26.2559 0.0782 1.2581 6.1906 26.8677 0.0653 0.7675 5.8433 25.9242 0.0652 1.0393 4.5818 29.7068 0.0933 0.5106 3.2264 34.0967 0.0588 0.7149 4.0416 31.9560 0.0925 0.3954 3.5681 32.3712 0.0621 0.8839 2.9174 33.5556 0.0565 0.9704 5.5404 29.5031 0.0604 0.9774 5.5404 29.5031 0.0606 0.9774 4.2475 22.7710 0.0606 0.9794 4.2475 25.2688 0.1372 0.6766 4.8392 22.9967 0.0606 0.9135 4.5228 29.4751 0.0844 0.05590 4.9112 22.8084 0.0580 0.9690 4.4902 27.2326 0.0854 0.8331 4.1703 28.6558 0.0923 0.8753 3.7228 27	0.4015 1.2221 4.6291 26.2559 0.0782 0.4370 1.2581 6.1906 26.8677 0.0653 0.4380 0.7675 5.8433 25.9242 0.0652 0.4273 1.0393 4.5818 29.7068 0.0953 0.4587 0.5106 3.2264 34.0967 0.0658 0.3583 0.7149 4.0416 31.9560 0.0925 0.3650 0.3954 3.5681 32.3712 0.0621 0.4151 0.8839 2.9174 33.5556 0.0565 0.4375 0.8849 3.6182 33.7261 0.0724 0.4745 0.9704 5.5404 29.5031 0.0604 0.4745 0.9704 4.2475 25.2688 0.1372 0.4679 0.9794 4.2475 25.2688 0.1372 0.5415 0.6766 4.8392 22.94751 0.0804 0.4730 0.9135 4.5228 29.4751 0.0804 0.4386 0.6451 4.2268
1.4885 0.0000 0.2998 0.0748 0.0069 0.0210 1.0177 0.0000 0.2704 0.0933 0.0067 0.0190 1.1240 0.0000 0.2182 0.0674 0.0085 0.0220 0.5967 0.0000 0.1663 0.0620 0.0113 0.0274 0.9375 0.0000 0.2123 0.0756 0.0096 0.0249 1.2347 0.0000 0.1894 0.0722 0.0095 0.0262 2.0283 0.0000 0.1659 0.0528 0.0109 0.0322				26.8677 0.0653 25.9242 0.0652 29.7068 0.0993 34.0967 0.0588 31.9560 0.0925 33.7261 0.0621 33.556 0.0565 33.7261 0.0724 29.5031 0.0690 22.7110 0.0604 22.2967 0.0606 22.3967 0.0606 22.3967 0.0606 22.3967 0.0606 22.3967 0.0606 22.3967 0.0606 22.3967 0.0606 22.3967 0.0606	6.1906 26.8677 0.0653 5.8433 25.9242 0.0652 4.5818 29.7068 0.0993 3.2264 34.0967 0.0588 4.0416 31.9560 0.0925 3.5681 32.3712 0.0621 2.9174 33.5556 0.0565 3.6182 33.7261 0.0724 5.5404 29.5031 0.0690 4.5082 22.7110 0.0604 3.6343 32.9397 0.0686 4.2475 25.2688 0.1372 4.8392 22.9967 0.0606 4.528 29.4751 0.0804 4.2268 26.6613 0.0544 4.4902 27.2326 0.0854 4.1703 28.6558 0.0923	1.2581 6.1906 26.8677 0.0653 0.7675 5.8433 25.9242 0.0652 1.0393 4.5818 29.7068 0.0933 0.5106 3.2564 34.0967 0.0588 0.7149 4.0416 31.9560 0.0925 0.8839 2.9174 33.5556 0.0651 0.8849 3.6182 33.7261 0.0724 0.9704 5.5404 29.5031 0.0604 0.9471 3.6343 32.9397 0.0686 0.9794 4.2475 25.2688 0.1372 0.6766 4.8392 22.9967 0.0606 0.9135 4.5228 29.4751 0.0804 0.6451 4.268 26.6613 0.0544 0.3590 4.9112 22.8084 0.0580 0.9690 4.4902 27.2326 0.0854 0.8331 4.1703 28.6558 0.0923 0.8753 3.7228 27.2015 0.0692	1.2581 6.1906 26.8677 0.0653 0.7675 5.8433 25.9242 0.0652 1.0393 4.5818 29.7068 0.0933 0.5106 3.2564 34.0967 0.0588 0.7149 4.0416 31.9560 0.0925 0.8839 2.9174 33.5556 0.0651 0.8849 3.6182 33.7261 0.0724 0.9704 5.5404 29.5031 0.0604 0.9471 3.6343 32.9397 0.0666 0.9794 4.2475 25.2688 0.1372 0.6766 4.8392 22.9967 0.0606 0.9135 4.5228 29.4751 0.084 0.6451 4.268 26.6613 0.0544 0.3590 4.9112 22.8084 0.0580 0.9690 4.4902 27.2326 0.0854 0.8331 4.1703 28.6558 0.0923 0.8753 3.7228 27.2015 0.0692	0.4370 1.2581 6.1906 26.8677 0.0653 0.4380 0.7675 5.8433 25.9242 0.0652 0.4273 1.0393 4.5818 29.7068 0.0993 0.4587 0.5106 3.2264 34.0967 0.0588 0.3583 0.7149 4.0416 31.9560 0.0925 0.3650 0.3954 3.5681 32.3712 0.0621 0.4151 0.8839 2.9174 33.5556 0.0565 0.4375 0.8849 3.6182 33.7261 0.074 0.4745 0.9704 5.5404 29.5031 0.0604 0.4745 0.9747 3.6343 32.9397 0.0666 0.4745 0.9747 3.6343 22.9467 0.0606 0.4790 0.9794 4.2475 25.2688 0.1372 0.5415 0.6766 4.8392 22.9451 0.0606 0.4790 0.9135 4.5228 29.4751 0.0804 0.3419 0.3590 4.9102
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1.5779 0.0000 0.2670 0.1007 0.0078 0.0241		<u>_ 0 </u>		32.9397 0.0686 25.2688 0.1372 22.9967 0.0606 29.4751 0.0804 26.6613 0.0544 27.2326 0.0854 27.2326 0.0854 27.2015 0.0953	3.6343 32.9397 0.0686 4.2475 25.2688 0.1372 4.8392 22.9967 0.0606 4.5228 29.4751 0.0804 4.2268 26.6613 0.0544 4.9112 22.8084 0.0580 4.4902 27.2326 0.0854 4.1703 28.6558 0.0923	0.9471 3.6343 32.9397 0.0686 0.9794 4.2475 25.2688 0.1372 0.06766 4.8392 22.9967 0.0606 0.9135 4.5228 29.4751 0.0804 0.0451 4.2268 26.6613 0.0544 0.3590 4.9102 22.8084 0.0580 0.9690 4.4902 27.2326 0.0854 0.08391 4.1703 28.6558 0.0923 0.8753 3.7228 27.2015 0.0692	0.9471 3.6343 32.9397 0.0686 0.9794 4.2475 25.2688 0.1372 0.6766 4.8392 22.9967 0.0606 0.9135 4.5228 29.4751 0.0804 0.0451 4.2268 26.6613 0.0544 0.3590 4.9102 22.8084 0.0580 0.9690 4.4902 27.2326 0.0854 0.08391 4.1703 28.6558 0.0923 0.8753 3.7228 27.2015 0.0692	0.3860 0.9471 3.6343 32.9397 0.0686 0.4679 0.9794 4.2475 25.2688 0.1372 0.5415 0.6766 4.8392 22.9967 0.0606 0.4790 0.9135 4.5228 29.4751 0.0804 0.4386 0.6451 4.2268 26.6613 0.0544 0.3419 0.3590 4.9112 22.8084 0.0580 0.3603 0.9690 4.4902 27.2326 0.0854 0.3795 0.8391 4.1703 28.6558 0.0923 0.3335 0.8753 3.7228 27.2015 0.0692
1.4908 0.0000 0.2022 0.0617 0.0095 0.0269		0. 9. 1. 9. 6. 6. 6.		25.2688 0.1372 22.9967 0.0606 29.4751 0.0804 26.6613 0.0544 22.8084 0.0580 27.2326 0.0854 28.6558 0.0923 27.2015 0.0692	4.2475 25.2688 0.1372 4.8392 22.9967 0.0606 4.5228 29.4751 0.0804 4.2268 26.6613 0.0544 4.9112 22.8084 0.0580 4.4902 27.2326 0.0854 4.1703 28.6558 0.0923	0.9794 4.2475 25.2688 0.1372 0.6766 4.8392 22.9967 0.0606 0.9135 4.5228 29.4751 0.0804 0.6451 4.2268 26.6613 0.0544 0.3590 4.9112 22.8084 0.0580 0.9690 4.4902 27.2326 0.0854 0.8391 4.1703 28.6558 0.0923 0.8753 3.7228 27.2015 0.0692	0.9794 4.2475 25.2688 0.1372 0.6766 4.8392 22.9967 0.0606 0.9135 4.5228 29.4751 0.0804 0.6451 4.2268 26.6613 0.0544 0.3590 4.9112 22.8084 0.0580 0.9690 4.4902 27.2326 0.0854 0.8391 4.1703 28.6558 0.0923 0.8753 3.7228 27.2015 0.0692	0.4679 0.9794 4.2475 25.2688 0.1372 0.5415 0.6766 4.8392 22.9967 0.6066 0.4790 0.9135 4.5228 29.4751 0.0604 0.4386 0.6451 4.2268 26.6613 0.0544 0.3419 0.3590 4.9112 22.8084 0.0580 0.3603 0.9690 4.4902 27.2326 0.0854 0.3795 0.8391 4.1703 28.6558 0.0923 0.3335 0.8753 3.7228 27.2015 0.0692
2.5214 0.0000 0.2479 0.0690 0.0086 0.0256		9. 1. 2. 2. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.		22.9967 0.0606 29.4751 0.0804 26.6613 0.0544 22.8084 0.0580 27.2326 0.0854 28.6558 0.0923 27.2015 0.0692	4.8392 22.9967 0.0606 4.528 29.4751 0.0804 4.2268 26.6613 0.0544 4.912 22.8084 0.0580 4.4902 27.2326 0.0854 4.1703 28.6558 0.0923	0.6766 4.8392 22.9967 0.0606 0.9135 4.5228 29.4751 0.0804 0.6451 4.2268 26.6613 0.0544 0.3590 4.9112 22.8084 0.0580 0.9690 4.4902 27.2326 0.0854 0.8391 4.1703 28.6558 0.0923 0.8753 3.7228 27.2015 0.0692	0.6766 4.8392 22.9967 0.0606 0.9135 4.5228 29.4751 0.0804 0.6451 4.2268 26.6613 0.0544 0.3590 4.9112 22.8084 0.0580 0.9690 4.4902 27.2326 0.0854 0.8391 4.1703 28.6558 0.0923 0.8753 3.7228 27.2015 0.0692	0.5415 0.6766 4.8392 22.9967 0.0606 0.4790 0.9135 4.5228 29.4751 0.0804 0.4386 0.6451 4.2268 26.6613 0.0544 0.3419 0.3590 4.9112 22.8084 0.0580 0.3603 0.9690 4.4902 27.2326 0.0854 0.3795 0.8391 4.1703 28.6558 0.0923 0.3335 0.8753 3.7228 27.2015 0.0692
1.4675 0.0000 0.2755 0.0947 0.0078 0.0244		2 2 3 2 2		29,4751 0.0804 26,6613 0.0544 22,8084 0.0580 27,2326 0.0854 28,6558 0.0923 27,2015 0.0692	4.5228 29.4751 0.0804 4.2268 26.6613 0.0544 4.9112 22.8084 0.0580 4.4902 27.2326 0.0854 4.1703 28.6558 0.0923	0.9135 4.5228 29.4751 0.0804 0.6451 4.2268 26.6613 0.0544 0.3590 4.9112 22.8084 0.0580 0.9690 4.4902 27.2326 0.0854 0.8391 4.1703 28.6558 0.0923 0.8753 3.7228 27.2015 0.0692	0.9135 4.5228 29.4751 0.0804 0.6451 4.2268 26.6613 0.0544 0.3590 4.9112 22.8084 0.0580 0.9690 4.4902 27.2326 0.0854 0.8391 4.1703 28.6558 0.0923 0.8753 3.7228 27.2015 0.0692	0.4790 0.9135 4.5228 29.4751 0.0804 0.4386 0.6451 4.2268 26.6613 0.0544 0.3419 0.3590 4.9112 22.8084 0.0580 0.3603 0.9690 4.4902 27.2326 0.0854 0.3795 0.8391 4.1703 28.6558 0.0923 0.3335 0.8753 3.7228 27.2015 0.0692
2 1.0776 0.0000 0.2282 0.0881 0.0088 0.0257 2.1968		23.3		26.6613 0.0544 22.8084 0.0580 27.2326 0.0854 28.6558 0.0923 27.2015 0.0692	4.2268 26.6613 0.0544 4.9112 22.8084 0.0580 4.4902 27.2326 0.0854 4.1703 28.6558 0.0923	0.6451 4.2268 26.6613 0.0544 0.3590 4.9112 22.8084 0.0580 0.9690 4.4902 27.2326 0.0854 0.8391 4.1703 28.6558 0.0923 0.8753 3.7228 27.2015 0.0692	0.6451 4.2268 26.6613 0.0544 0.3590 4.9112 22.8084 0.0580 0.9690 4.4902 27.2326 0.0854 0.8391 4.1703 28.6558 0.0923 0.8753 3.7228 27.2015 0.0692	0.4386 0.6451 4.2268 26.6613 0.0544 0.3419 0.3590 4.9112 22.8084 0.0580 0.3603 0.9690 4.4902 27.2326 0.0854 0.3795 0.8391 4.1703 28.6558 0.0923 0.3335 0.8753 3.7228 27.2015 0.0692
7 2.4293 0.0110 0.2275 0.0602 0.0090 0.0279 2.3136		2.3		22.8084 0.0580 27.2326 0.0854 28.6558 0.0923 27.2015 0.0692	4.9112 22.8084 0.0580 4.4902 27.2326 0.0854 4.1703 28.6558 0.0923	0.3590 4.9112 22.8084 0.0580 0.9690 4.4902 27.2326 0.0854 0.8391 4.1703 28.6558 0.0923 0.8753 3.7228 27.2015 0.0692	0.3590 4.9112 22.8084 0.0580 0.9690 4.4902 27.2326 0.0854 0.8391 4.1703 28.6558 0.0923 0.8753 3.7228 27.2015 0.0692	0.3419 0.3590 4.9112 22.8084 0.0580 0.3603 0.9690 4.4902 27.2326 0.0854 0.3795 0.8391 4.1703 28.6558 0.0923 0.3335 0.8753 3.7228 27.2015 0.0692
1.3606 0.0171 0.2716 0.0798 0.0081 0.0235 2.6152		3.3		27.2326 0.0854 28.6558 0.0923 27.2015 0.0692	4.4902 27.2326 0.0854 4.1703 28.6558 0.0923	0.9690 4.4902 27.2326 0.0854 0.8391 4.1703 28.6558 0.0923 0.8753 3.7228 27.2015 0.0692	0.9690 4.4902 27.2326 0.0854 0.8391 4.1703 28.6558 0.0923 0.8753 3.7228 27.2015 0.0692	0.3603 0.9690 4.4902 27.2326 0.0854 0.3795 0.8391 4.1703 28.6558 0.0923 0.3335 0.8753 3.7228 27.2015 0.0692
1.4026 0.0000 0.2600 0.0638 0.0087 0.0233 2.8856		ώ o		0.0923	4.1703 28.6558 0.0923	0.8391 4.1703 28.6558 0.0923 0.8753 3.7228 27.2015 0.0692	0.8391 4.1703 28.6558 0.0923 0.8753 3.7228 27.2015 0.0692	0.3795 0.8391 4.1703 28.6558 0.0923 0.3335 0.8753 3.7228 27.2015 0.0692
3.0501 0.0098 0.2493 0.0646 0.0079 0.0260 2.3059		ò		0.0692		0.8753 3.7228 27.2015 0.0692	0.8753 3.7228 27.2015 0.0692	0.3335 0.8753 3.7228 27.2015 0.0692
3.4204 0.0000 0.2425 0.0489 0.0088 0.0271	-	0			3.7228 27.2015 0.0692			
3.0157 0.0000 0.1470 0.0382 0.0102 0.0324		4	0.0759	32.0006	2.4643 32.0006	0.8332 2.4643 32.0006	0.8332 2.4643 32.0006	0.4557 0.8332 2.4643 32.0006
2.4266 0.0000 0.2590 0.0482 0.0091 0.0277		<u>~</u> ∞	0.0688	29.2504	4.2842 29.2504	1.2781 4.2842 29.2504	1.2781 4.2842 29.2504	0.4658 1.2781 4.2842 29.2504
1.9809 0.0041 0.2425 0.0562 0.0093 0.0263		2.0	0.0877	30.7635	4.6099 30.7635	1.2944 4.6099 30.7635	1.2944 4.6099 30.7635	0.4622 1.2944 4.6099 30.7635
1.4885 0.0054 0.2505 0.0673 0.0090 0.0268		1.7	0.0744	24.9969	4.1478 24.9969	0.4669 4.1478 24.9969	0.4669 4.1478 24.9969	0.5277 0.4669 4.1478 24.9969
1.0366 0.0000 0.2431 0.0491 0.0096 0.0229	-	<u>α</u>	0.0690	25.4985	4.3906 25.4985	0.4998 4.3906 25.4985	0.4998 4.3906 25.4985	0.5669 0.4998 4.3906 25.4985
0.9206 0.0000 0.2534 0.0582 0.0102 0.0238		ŏ.	• •	24.1352 0.0691	4.4185 24.1352 0.0691	0.3322 4.4185 24.1352 0.0691	0.3322 4.4185 24.1352 0.0691	0.5501 0.3322 4.4185 24.1352 0.0691
	1.8282 2.2238	<u>α</u>	0.0653	31.9087 0.0653	3.3278 31.9087	0.0760 3.3278 31.9087	3.3278 31.9087	0.0760 3.3278 31.9087
0.8350 0.0000 0.2528 0.0565	1.8390 3.0757	<u>κ</u>	0.0522		4.3932 26.9198	0.6428 4.3932 26.9198	0.6428 4.3932 26.9198	0.5331 0.6428 4.3932 26.9198
0.8332 0.0000 0.2241 0.0468 0.0102 0.0249 2.0026	1.8465 2.8654	φ.	0.0410		4.3277 28.5572 0.0410	0.2997 4.3277 28.5572 0.0410	4.3277 28.5572 0.0410	0.2997 4.3277 28.5572 0.0410
2.5353 0.0000 0.1058 0.0280 0.0122 0.0318 0.8085	0.7132 1.2562	7	0.0577 (2.1346 32.1662 0.0577	0.0000 2.1346 32.1662 0.0577	2.1346 32.1662 0.0577	0.0000 2.1346 32.1662 0.0577
9.06450 0.0000 0.2061 0.0434 0.0103 0.0253 2.2346	1.7611 2.6262	\sim		27.4869 0.0670	3.6728 27.4869 0.0670	0.1622 3.6728 27.4869 0.0670	3.6728 27.4869 0.0670	0.1622 3.6728 27.4869 0.0670
0.7366 0.0000 0.2287 0.0399 0.0096 0.0204 2.8795	3.2437 3.5946	3.2		27.7233 0.0855	5.3987 27.7233 0.0855	0.8602 5.3987 27.7233 0.0855	5.3987 27.7233 0.0855	0.8602 5.3987 27.7233 0.0855
0.8071 0.0000 0.2799 0.0330 0.0111 0.0223 2.9168	2.5823 3.9200	2.5	0.0564	23.4495 0.0564	5.4033 23.4495	0.5296 5.4033 23.4495	5.4033 23.4495	0.5296 5.4033 23.4495
1.2792 0.0000 0.2888 0.0232 0.0105 0.0208 3.3819	3.0211 3.9648	3.0	0.0859	21.9216 0.0859	5.4205 21.9216	0.6777 5.4205 21.9216	5.4205 21.9216	0.6777 5.4205 21.9216
2.0154 0.0000 0.2952 0.0144 0.0091 0.0189 3.5467	3.9385 4.0761		0.0874	23.2460 0.0874	6.4115 23.2460	1.3237 6.4115 23.2460	6.4115 23.2460	1.3237 6.4115 23.2460
2.4590 0.0000 0.3000 0.0188 0.0097 0.0192 3.3490	2.8824 4.3651	2.8	0.2175	21.9727 0.2175	6.2752 21.9727	1.0944 6.2752 21.9727	6.2752 21.9727	1.0944 6.2752 21.9727
1 2.3224 0.0000 0.2884 0.0171 0.0092 0.0163 3.9463	4.2640 4.2414	4.2		22.5309 0.2848	6.1961 22.5309 0.2848	1.3651 6.1961 22.5309 0.2848	6.1961 22.5309 0.2848	1.3651 6.1961 22.5309 0.2848

232)75	777	777	0.0073	960	690	0.0064	890	090	343	382	9/(0.0070	963	9900.0	0.0072	97(020	0.0058	383	161	777	0.0072	0.0072	121)52	020	903	777)58	0.0063	965	0.0058	290	920	161	080	290)53
\vdash	9 0.0075	4 0.0077	5 0.0077		9600'0 C	0.0069		1 0.0068	900.00	2 0.0043	4 0.0082	9 0.0076	_	1 0.0063	-		5 0.0078	0.0070		0.0083	7 0.0061	7 0.0077			5 0.0051	0.0052	0.0070	1 0.0063	1 0.0077	3 0.0058		5 0.0065		9 0.0067	0.0056	1 0.0061	0800.0	0.0067	3 0.0053
0.0016	0.0009	0.0014	0.0016	0.0002	0.0010	0.0011	0.0007	0.0021	0.0016	0.0032	0.0024	0.0009	0.0008	0.0021	0.0005	0.0004	0.0005	0.0026	0.0032	0.0000	0.0037	0.0007	0.0009	0.0024	0.0026	0.0010	0.0000	0.0031	0.0001	0.0033	0.0008	0.0005	0.0010	0.0006	0.0020	0.0021	0.0009	0.0029	0.0023
0.0116	0.0054	0.0061	0.0047	0.0064	0.0068	0.0056	0.0058	0.0044	0.0046	0.0029	0.0056	0.0063	0.0061	0.0037	0.0063	0.0061	0.0064	0.0049	0.0039	0.0074	0.0036	0.0062	0.0059	0.0047	0.0045	0.0072	090000	0.0040	0.0065	0.0025	0.0062	0.0065	0.0061	0.0068	0.0058	0.0044	0.0065	0.0046	0.0047
0.0016	0.0012	0.0008	9000.0	0.0005	0.0007	0.0005	0.0005	0.0008	0.0010	0.0014	0.0012	0.0004	0.0004	0.0010	0.0004	0.0004	0.0004	0.0012	0.0012	0.0004	0.0012	0.0005	0.0005	0.0008	0.0014	0.0004	0.0004	0.0014	0.0004	0.0017	0.0004	0.0004	0.0003	0.0004	0.0005	0.0011	0.0004	6000.0	0.0010
3.2416	3.1061	1.6580	1.1427	0.7288	1.4226	1.0008	0.9023	1.7983	2.4300	2.9284	2.5821	0.8164	0.7820	2.5188	0.7082	0.7302	0.7595	2.4500	2.7157	0.4780	2.4998	0.9013	1.0809	1.6632	3.1198	0.5144	0.8029	2.8433	0.5707	3.5258	0.5820	0.6202	0.4984	0.5826	0.9807	2.6081	0.6958	1.9255	2.1507
	0.0471	0.0462	0.0490	0.0559	0.0445	0.0494	0.0439	0.0382	0.0371	0.0216	0.0277	0.0412	0.0370	0.0274	0.0373	0.0375	0.0399	0.0242	0.0267	0.0517	0.0242	0.0369	0.0359	0.0326	0.0231	0.0421	0.0352	0.0222	0.0394	0.0169	0.0375	0.0403	0.0377	0.0367	0.0357	0.0292	0.0401	0.0271	0.0300
\vdash	0.0035	0.0052 (0.0029	0.0029	0.0049 (0.0035	0.0047	0.0044	0.0045 (0.0070	0.0082	0.0055 (0.0051	0.0049	0.0040	0.0033	0.0047	0.0085	0.0077	0.0037	0.0079	0.0043	0.0049	0.0062	0.0079	0.0082	0.0045 (0.0077	0.0033	0.0086	0.0052 (0.0046 (0.0050	0.0056	0.0058	0.0070	0.0043	0.0066	0.0060
\vdash	0.0077	0.0036	0.0048	0.0046	0.0069	0.0071	0.0042	0.0031	0.0055 (0.000.0	0.0019	0.0045 (0.0064	0.0035	0.0048	0.0023	0.0068	0.0006	0.0006	0.0055 (0.0000.0	0.0050	0.0052 (0.0005	0.0000	0.0097	0.0042	0.000.0	0.0051	0.000.0	0.0064 (0.0057	0.0064	0.0055 (0.0023 (0.0043	0.0075	0.0034 (0.0000
\vdash		0.2524 (0.1294 (0.1276 (0.2005 (0.1285 (0.1615 (0.2215 (0.1792 (0.4117 (0.3461 (0.1627 (0.1077 (0.1794 (0.1403 (0.1967 (0.0917	0.3759 (0.3369 (0.1295 (0.3684 (0.1438 (0.1440	0.3051 (0.3633 (0.0566	0.1621 (0.4312 (0.1131 (0.3668	0.1119 (0.1122 (0.1127 (0.1349 (0.2414 (0.2620	0.1298 (0.3528 (0.3467 (
\vdash	0.0108	0.0925	0.0000	0.0276	0.0451	0.0330	0.0115 (0.0497	0.0633	0.0260	0.0803	0.0465	0.0316	0.0305	0.0245 (0.1138 (0.0000	0.0488	0.0657	0.0333	0.0316	0.0558	0.0572 (0.0784	0.0563	0.0000	0.0574	0.0000	0.0529 (0.0000	0.0495	0.0314	0.0127 0	0.0336	0.1376 (0.1134 (0.0524	0.0619	0.0585
\vdash	6.2833	13.3243 (14.2841	20.7747	14.5447 (18.9806	9.1212 (5.0615	16.3545 (3.5889 (6.7841	18.5545 (18.5618	13.4006	20.1563 (20.3640	9.3743 (4.4780	7.2369 (9.2763	3.3518 (20.1827 (18.4223 (12.8229 (5.2887 (13.8250 (19.4737 (1.9435 (22.1000	1.8854 (17.7271	19.8331	18.5839 (18.2900	17.2988	13.7123 (18.8585 (11.3515 (9.3553 (
H	_	•		•	`	-	_	_					Ė	_			_		Ė	_			_	·		-			. ,										Н
H		2.5448	1.1843	0.6348	1.5463	1.1439	1.0523	1.8512	1.5326	4.1491	4.0951	1.4123	1.2982	1.2029	0.7726	0.5096	0.7049	4.4934	4.0183	0.6451	4.6806	1.3145	1.2598	2.8088	4.2624	0.4209	1.4728	5.1978	0.5715	4.2087	0.6646	0.6500	0.7516	0.9286	1.4195	2.3601	1.0334	3.4151	3.8549
2.5891	2.8922	0.4532	0.6251	1.5654	0.4961	0.4358	2.0474	0.9717	1.6406	1.9285	0.4977	0.3918	0.2459	1.4807	0.2242	0.2539	0.2289	0.4541	0.6081	0.2061	0.3287	0.2382	0.3257	0.3767	0.9563	0.4689	0.1796	0.4660	0.1526	2.7702	0.1887	0.2524	0.1667	0.1556	0.1060	1.5740	0.1508	0.1451	0.2503
0.1784	0.1374	0.0910	0.0845	0.0330	0.0749	0.0860	0.0751	0.0750	0.0604	0.0610	0.0557	0.0724	0.0482	0.0721	0.0890	0.0662	0.0480	0.0583	0.0514	0.0811	0.0517	0.0720	0.0635	0.0751	0.0690	0.0758	0.0968	0.0501	0.0606	0.0693	0.0784	9060.0	0.0567	0.0756	0.0998	0.0843	0.0829	0.0845	0.0584
22.6106	9.2778	15.3488	12.2267	9.4188	13.6434	12.4705	11.3177	15.2391	13.7089	22.9073	17.7339	14.4881	13.1325	12.8099	11.4532	9.5133	11.6092	22.2508	20.5214	9.7421	22.6550	11.9975	12.3112	17.8915	21.4854	20.7407	13.4044	23.0383	8.5884	18.2790	15.1171	13.4506	14.4539	15.2575	16.3859	15.7281	11.4649	18.9215	19.9099
\vdash	1.4848	3.8903	1.9770	1.2107	2.2190	2.1294	2.0447	3.3772	2.7638	7.5601	5.7722	2.7052	2.2281	2.0364	1.5531	1.0204	1.2450	7.4588	7.0367	1.0593	8.0706	2.4146	2.4697	5.0704	7.7712	1.1263	2.6475	8.8727	0.9082	6.9585	1.2033	1.1440	1.5148	1.6874	2.6579	4.4102	1.6097	6.2671	7.1016
\vdash	6.0354	4.5328	5.2118	8.9984	5.1619	9.5722	8.2315	6.7988	7.2285	2.7442	2.3157	9.0184	7.8952	5.7376	10.1981	10.4089	8.8938	2.4641	3.7190	7.0211	2.5816	10.1783	7.6170	6.2285	3.3825	7.9592	9.8543	2.1690	10.5022	1.1970	9.8938	9.9130	9.1427	9.0658	8.1789	6.1518		5.7638	5.2095
\vdash	0.3638	0.4872 4	0.4784	0.3805	0.4695	0.4336	0.3825 8	0.4124 (0.3819 7	0.4423	0.5770	0.4110 §	0.4122 7	0.4336	0.4233 1	0.4122	0.3982	0.5592	0.4754	0.4454 7	0.5942	0.4156	0.4216 7	0.4576 (0.5189	0.4043 7	0.4233	0.5877	0.4139 1	0.5099	0.4155	0.4076	0.4027	0.4217	0.4191	0.4117 6	0.4425 7	0.4988	0.4628
\vdash	3698) 6696	9700	9701 C	9702 C	9703 0	9704 C	9705	9707	9708	9709	9710 C	9711 0	9712 0	9713 0	9714 0	9715 0	9716 C	9717 0	9718 C	9719 C	9720 0	9721 0	9722 0	9723 C	9724 C	9725 C	9726 C	9727 C	9728 C	9729 C	9730 0	9731 0	9732 C	9733 0	9734 C		9236	9737
18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101		18101	18101	18101	18101	18101	18101	18101	18101	18101

0.0055	0.0072	0.0072	0.0077	0.0079	6900.0	0.0067	9200.0	0.0070	0.0056	9200.0	0.0072	0.0070	0.0072	0.0086	0.0082	0.0101	0.0087	0.0079	0900.0	0.0082	0.0078	9900.0	0.0070	0.0092	0.0077	0.0068	0.0077	0.0082	6900.0	9900.0	9900.0	0.0058	9900.0	6900.0	0.0080	0.0067	0.0080	6900.0	6900.0
		0.0030	0.0023	0.0030	0.0024	0.0033	0.0021	0.0026	0.0045	0.0007	0.0011	0.0000	0.0018	0.0030	0.0011	0.0031	0.0019	0.0026	0.0034	0.0022	0.0007	0.0022	0.0002	0.0007	0.0003	0.0014	0.0014	0.0018	0.0026	0.0021	0.0026	0.0019	0.0027	0.0032	0.0028	0.0021	0.0024		0.0019
0.0049	0.0044	0.0039	0.0045	0.0040	0.0043	0.0039	0.0042	0.0045	0.0052	0.0065	0.0057	0.0057	0.0047	0.0046	0.0059	0.0045	0.0045	0.0032	0.0038	0.0037	0.0061	0.0047	0.0064	0.0062	0.0064	0.0053	0.0055	0.0045	0.0044	0.0043	0.0035	0.0045	0.0039	0.0034	0.0034	0.0049	0.0041	0.0050	0.0044
0.0009	0.000	0.0010	0.0010	0.0010	0.0010	0.0013	0.0010	0.0012	0.0012	0.0004	9000.0	0.0005	0.0008	0.0012	0.0006	0.0013	0.0007	0.0008	0.0019	0.0009	0.0005	0.0011	0.0005	0.0005	0.0004	0.0006	0.0008	0.0006	0.0010	0.0010	0.0012	0.0010	0.0014	0.0015	0.0012	0.0008	0.0008	0.0008	0.0007
2.0236	1.8852	2.1746	2.1180	2.1312	2.0645	2.7935	2.3177	2.6527	2.5522	0.6487	1.2754	1.0245	1.9119	2.5137	1.2270	2.9348	1.5481	1.8084	4.1969	2.1146	1.0481	2.7577	0.9433	1.1797	0.8122	1.5106	1.8322	1.2285	2.2670	2.2842	2.7795	2.4121	3.2258	3.4183	2.7191	1.8314	1.6535	1.7464	1.4232
0.0332	0.0303	0.0282	0.0257	0.0296	0.0342	0.0262	0.0314	0.0292	0.0273	0.0387	0.0333	0.0373	0.0342	0.0296	0.0354	0.0265	0.0281	0.0249	0.0257	0.0260	0.0366	0.0276	0.0371	0.0369	0.0392	0.0343	0.0323	0.0333	0.0289	0.0326	0.0282	0.0300	0.0279	0.0278	0.0257	0.0340	0.0305	0.0339	0.0348
0.0052	0.0057	0.0067	0.0068	9900.0	0.0064	0.0068	0.0054	0.0068	0.0076	0.0042	0.0047	0.0041	0.0051	0.0076	0.0051	0.0088	0.0054	0.0052	0.0086	0.0051	0.0042	9900.0	0.0038	0.0042	0.0037	0.0049	0.0053	0.0042	0.0065	0.0062	0.0062	0.0061	0.0071	0.0076	0.0062	0.0059	0.0056	0.0056	0.0050
0.0000	0.0010	0.0003	0.0010	0.0018	0.0011	0.0009	0.0012	0.0005	0.0005	0.0051	0.0042	0.0032	0.0028	0.0031	0.0041	0.0014	0.0027	0.0007	0.0035	0.0023	0.0035	0.0018	0.0036	0.0047	0.0051	0.0043	0.0038	0.0028	0.0011	0.0029	0.0007	0.0005	0.0022	0.0021	0.0013	0.0026	0.0018	0.0037	0.0027
0.3252	0.2840	0.3596	0.2940	0.3259	0.3099	0.3414	0.2855	0.3701	0.3942	0.1539	0.1674	0.1642	0.2408	0.3006	0.2254	0.3552	0.1880	0.2244	0.4007	0.2036	0.1698	0.3158	0.1475	0.1351	0.1230	0.1904	0.2239	0.1778	0.3042	0.2344	0.2959	0.2538	0.3081	0.3243	0.2749	0.2291	0.2305	0.2064	0.1860
0.1125	0.0627	0.0338	0.0583	0.0391	0.0623	0.0444	0.0807	0.0534	0.0739	0.0480	0.0856	0.0711	0.0885	0.0413	0.0770	0.0921	0.0685	0.0535	0.0502	0.0506	0.0441	0.1068	0.0455	0.0352	0.0251	0.0750	0.0858	0.0531	0.0637	0.0618	0.0635	0.0835	0.0290	0.0677	0.0364	0.0781	0.0624	0.0799	0.0604
11.5427	12.8241	8.3827	10.6022	9.9605	11.0871	8.4595	13.3896	9.2078	5.9846	18.0366	18.1994	19.0698	16.2709	8.4268	16.2494	7.7102	13.7861	11.8588	3.9099	14.3241	20.0735	10.8229	20.3663	18.5966	20.4649	17.5355	15.6476	14.9876	10.0471	14.8702	11.5604	14.3466	10.3726	7.8175	9.7846	15.5082	12.0516	15.6701	16.2955
3.5186	3.5011	3.8911	3.9594	3.9372	3.7512	4.2437	3.0342	3.8042	4.2917	0.7919	1.6786	1.1630	2.6364	4.4237	1.6566	3.7643	1.4951	2.1697	4.5800	1.9640	0.9483	2.8650	0.6377	0.9727	0.6377	1.4505	1.9784	1.4063	3.4443	2.3135	2.7739	2.3188	3.2477	3.6213	2.8825	2.3766	2.4209	2.1607	1.8041
0.1997	0.0000	0.000.0	0.000.0	0.000.0	0.000.0	0.000.0	0.0480	0.000.0	0.2309	0.0973	0.0757	0.1331	0.0309	0.000.0	0.0928	0.000.0	0.0271	0.0011	0.000.0	0.0268	0.0872	0.0032	0.1163	0.0952	0.1123	0.0677	0.0466	0.0410	0.000.0	0.0412	0.000.0	0.0253	0.000.0	0.000.0	0.000.0	0.0466	0.0089	0.0493	0.0596
0.0727	0.0585	0.0730	0.0632	0.0671	0.0695	0.0534	0.0706	0.0693	0.0575	0.0682	0.0799	0.0769	0.0926	0.0577	0.0893	0.0521	0960.0	0.0832	0.0459	0.0751	0.0699	0.0747	0.0934	0.0771	0.0568	0.0807	0.0520	0.0885	0.0683	0.0781	0.0766	0.0719	0.0705	0.0552	0.0719	0.0810	0.0699	0.0739	0.0509
18.5115	16.6585	20.9760	18.0753	19.1301	18.4578	20.6684	15.3370	19.9610	20.3000	12.5180	12.8799	11.8705	13.4264	16.6863	13.6817	15.9403	12.5851	13.3424	23.2135	11.2388	10.4918	18.7219	10.1495	8.3890	9.8247	13.8403	14.2069	11.8450	19.9872	15.4273	17.2756	16.1646	18.3510	18.8119	15.4653	16.3914	14.7161	15.5010	14.0533
6.0865	5.4948	7.2541	6.4513	9898.9	6.2519	6.9035	5.2038	6:229	6.5430	1.2550	2.7626	1.9632	4.1242	5.2626	2.6037	4.9819	2.5283	3.4190	7.2730	2.8871	1.5376	5.0212	1.1627	1.3071	1.1776	2.6614	3.2222	2.4794	6.0004	4.1126	4.8750	4.2588	5.5513	5.7928	4.2099	4.0739	3.6226		3.0447
5.8118	5.6378	4.6684	4.7363	4.8912	5.0652	4.5389	6.3468	4.6234	2.6968	8.0756	8.5193	9.5786	7.7406	2.4890	7.2347	2.3336	5.6837	4.8509	1.9274	5.0793	8.9295	5.4113	10.6734	5.7995	9.5257	8.8224	9988.9	5.3227	5.8942	6999.9	5.4693	7.0194	5.2404	3.4377	3.9590	8.3196	4.3458	7.1362	7.1397
0.4901	0.4789	0.5517	0.5216	0.5437	0.5330	0.5026	0.4697	0.5165	0.5682	0.4098	0.4238	0.4205	0.4539	0.5925	0.4497	0.5831	0.5367	0.5785	0.5260	0.5258	0.4179	0.4751	0.4198	0.4582	0.4115	0.4369	0.4255	0.5087	0.5102	0.4615	0.5039		0.4986	0.5086	0.5723	0.4625	0.5325	0.4459	0.4129
		9740	9741	9742	9743	9745	9746	9747	9748	9749	9750	9751	9752	9753	9754	9755	9226	9757	9759	0926	9761	9762	9763	9764	9765	9926	2926				9771		9774	9775	9226	222	8778		9780
18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101

0.0095	0.0094	0.0067	0.0077	9900.0	0.0065	0.0074	0.0088	0.0072	0.0091	0.0073	0.0071	0.0059	0.0070	0.0059	0.0097	0.0094	0.0095	0.0077	0.0065	0.0070	0.0054	0.0065	9900.0	0.0082	0.0064	8900.0	0.0072	0.0071	0.0082	0.0064	0.0062	0.0075	0.0063	9900.0	0.0054	0.0075	0.0053	0.0067	0.0067
					_				_										-	-	_		_			_	_				_	_	_						Н
1 0.0017	0.0022	0.0022	3 0.0031	0.0008	3 0.0024	7 0.0027	9 0.0019	5 0.0027	9 0.0019	0.0019	3 0.0024	0.0030	3 0.0018	3 0.0035	0.0029	3 0.0015	0.0010	0.0008	9 0.0029	3 0.0005	3 0.0033	0.0032	0.0028	0.0027	0.0033	3 0.0025	0.0028	0.0027	0.0031	5 0.0031	0.0032	0.0019	0.0024	3 0.0032	3 0.0035	0.0035	0.0038	3 0.0038	7 0.0013
0.0054	0.0057	0.0047	0.0038	0.0057	0.0043	0.0037	0.0049	0.0045	0.0052	0.0050	0.0043	0.0040	0.0048	0.0048	0.0054	0.0058	0.0061	0.0057	0.0029	0.0058	0.0023	0.0024	0.0030	0.0034	0.0021	0.0033	0.0032	0.0032	0.0027	0.0025	0.0021	0.0041	0.0032	0.0023	0.0018	0.0024	0.0016	0.0016	0.0047
0.0007	0.0009	0.0010	0.0015	0.0003	0.0011	0.0012	0.0008	0.0010	0.0008	0.0008	0.0009	0.0012	0.0009	0.0013	0.0013	0.0008	9000.0	0.0005	0.0009	0.0004	0.0016	0.0014	0.0014	0.0014	0.0014	0.0012	0.0016	0.0012	0.0015	0.0013	0.0006	0.0002	0.0004	0.0013	0.0017	0.0019	0.0020	0.0014	0.0005
1.5063	2.2059	2.4732	3.4893	0.4866	2.4928	2.9097	1.9078	2.3100	1.9013	1.9599	2.1919	2.6216	2.1200	2.7786	2.6894	2.0067	1.4350	0.9088	2.1567	0.6407	4.0562	3.6303	3.3876	3.6355	3.5363	3.0895	3.9000	3.1271	3.8371	3.2231	1.6717	0.2629	0.9827	3.3624	4.1630	4.6697	4.1681	3.2953	1.0898
0.0308	0.0305	0.0303	0.0251	0.0384	0.0273	0.0267	0.0328	0.0294	0.0331	0.0315	0.0278	0.0269	0.0322	0.0259	0.0301	0.0329	0.0375	0.0420	0.0253	0.0468	0.0240	0.0229	0.0247	0.0257	0.0247	0.0251	0.0265	0.0348	0.0288	0.0256	0.0230	0.0299	0.0302	0.0249	0.0234	0.0263	0.0210	0.0226	0.0318
0.0057	6900.0	0.0059	0.0078	0.0049	0.0069	0.0000	0.0057	0.0075	0.0057	0.0061	0.0061	0900.0	0.0059	0.0084	0.0080	0.0059	0.0046	0.0034	0.0056	0.0029	0.0064	0.0067	0.0063	0.0072	0900.0	0.0056	0.0064	0.0053	0.0065	0.0057	0.0040	0.0021	0.0032	9900.0	0.0000	0.0076	0.0072	0.0062	0.0034
0.0052	0.0028	0.0035	0.0019	0900.0	0.0008	0.0019	0.0017	0.0017	0.0034	0.0027	0.0011	0.000.0	0.0011	0.0001	0.0004	0.0014	0.0049	0.0035	9000.0	0.0062	0.0003	9000.0	6000.0	0.0020	0.000.0	0.0018	0.0026	0.0027	0.0019	0.0002	0.000.0	0.0015	0.0002	0.0002	0.000.0	6000.0	0.000.0	0.000.0	0.0024
0.2003	0.2930	0.2654	0.3259	0.0763	0.3297	0.2925	0.2617	0.3105	0.2410	0.2334	0.2874	0.3831	0.2819	0.4019	0.3873	0.2745	0.1995	0.1515	0.2517	0.1142	0.3334	0.3230	0.3080	0.3026	0.2936	0.2385	0.2976	0.2348	0.3031	0.2992	0.2203	0.0870	0.1565	0.2908	0.3241	0.3535	0.3525	0.3208	0.1432
0.0630	0.0925	0.0765	0.0860	0.000.0	0.0771	0.0486	0.0652	0.0642	0.0692	0.0942	0.0863	0.0725	0.1448	0.0426	0.0471	0.1057	0.0625	0.0539	0.090.0	0.0219	0.1230	0.1111	0.0789	0.1136	0.0671	0.0388	0.0880	0.0534	0.0884	0.1359	0.1453	0.0155	0.0813	0.0915	0.0442	0.1063	0.0062	0.0915	0.0444
14.0302	11.9030	13.9901	8.3905	19.6728	9.6778	11.5460	13.8665	10.1009	14.3956	14.6621	12.7412	6.8583	14.1101	2.3270	5.5936	13.4938	17.6358	21.0732	18.1812	22.3514	12.0880	14.5652	12.4212	12.4370	13.7271	15.8954	12.3212	16.1689	12.4700	14.5479	24.5625	25.6553	24.0896	14.4317	9.7437	9.9372	3.4401	11.3389	23.7185
.8005	2.8044	2.3051	3.3897	0.6291	3.5187	3.0651	2.2292	3.6470	2.4292	2.1770	2.8627	4.0588	2.6049	4.9492	4.4620	2.4773	1.6610	1.1088	2.8523	0.7945	3.2706	3.0573	2.8966	2.7690	2.7523	2.2002	2.8835	2.3025	3.0774	3.1867	2.4552	0.5319	1.2607	3.1419	3.4770	3.4986	4.0171	3.3379	1.1175
0.0358	0.0206	0.0445	0.0000	0.1246	0.0336	0.0100	0.0356	0.0508	0.0639	0.0446	0.1955	0.0845	0.2121	0.0000	0.0000	0.1407	0.1453	0.1781	0.0530	0.1504	0.0104	0.0277	0.0076	0.0117	0.0265	0.0612	0.0224	0.0533	0.0039	0.0181	0.1122	0.1499	0.1436	0.0247	0.0000	0.0000	0.0000	0.0000	0.1427
0.0888	0.0732	0.0672	0.0517	0.0434	0.0561	0.0710	0.0707	0.0616	0.0515	0.0598	0.0808	0.0623	0.0726	0.0555	0.0608	0.0864	0.0814	0.0839	0.0755	0.0864	0.0663	0.0669	0.0720	0.0768	0.0703	0.0567	0.0702	0.0596	0.0826	0.0655	0.0602	0.0736	0.0479	0.0581	0.0708	0.0526	0.0415	0.0549	0.0658
-			18.9353 (11.9408	19.5869 (17.2210	13.6787	19.5291	13.0418 (14.6408	17.6603	21.7348 (16.5557	26.3430	19.3450	13.2388	10.5452	6992.6	13.7899 (9.3031	18.7826	16.0037	16.4937	13.2787	15.2808	12.8453 (15.2974 (12.7954 (16.0517	12.1926	7.1894 (11.8862	16.0528	18.7730	16.9886		16.9447 (10.2881
2.4926	4.0277	3.9944	5.5817	1.0710 1	6.0772 1	5.0580 1	3.4498 1	6.0133 1	3.2868 1	3.4716 1		7.3690 2	4.8985	8.1920 2	6.1698	3.4364 1	2.2655 1	1.8514 9	4.6514	1.4911	6.1807	5.6366 1	5.2431 1	4.2045 1	5.2397	4.2360 1	5.0021	4.1028 1	4.3060 1	5.4521 1	4.5155 1	0.8251 7	2.6084 1	5.4503 1	6.4657 1		7.6068 2		2.0230
4.4215	3.6729	6.4955	3.5955	8.0994	4.7119	5.7527	5.2994	4.7223	4.7907	5.9032	6.5150	3.5864	8 6.6136	2.0417	2.3317	4.5137	5.4184	9.2230	3 2.1408	11.5388	2.4443	1.8256	3.5498	3 2.2268	4.5057	5.9933	4.9657	6.2504	2.1428	1.8391	0.9338	3.3566	3.7191	1.6248	1 2.5733	1.8045	2.4185	1.9227	6.4579
0.5345	0.5208	0.4455	0.5053	0.3850	0.4668	0.4720	0.4967	0.4692	0.4425	0.4231	0.4892	0.5202	0.4433	0.5530	0.6321	0.5417	0.4885	0.4143	0.4946	0.4157	0.4529	0.4653	0.4884	0.5603	0.4896	0.4323	0.4862	0.4496	0.5651	0.4612	0.4321	0.4485	0.3671	0.4547	0.5074	0.4700	0.5722	0.4788	0.4126
9781	9782	9783	9784	9785	9826	9787	9788	9789	9790	9791	9792	9793	9794	9795	9626	9797	9266	6626	0086	9801	9802	9803	9804	9805	9086	2086	8086	6086	9810	9811	9812	9813	9814	9815	9816	9817	9818	9819	9820
18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101

0.0007 0.0043 0.0019 0.0079	0.0017 0.0031 0.0031 0.0057	0.0013 0.0032 0.0031 0.0078	0.0013 0.0028 0.0034 0.0065	0.0014 0.0029 0.0031 0.0066	0.0013 0.0029 0.0031 0.0068	0.0005 0.0050 0.0012 0.0088	0.0006 0.0055 0.0014 0.0074	0.0008 0.0035 0.0023 0.0082	0.0004 0.0053 0.0006 0.0067	0.0005 0.0046 0.0013 0.0070	0.0009 0.0038 0.0024 0.0071	0.0010 0.0041 0.0023 0.0067	0.0004 0.0057 0.0005 0.0078	0.0007 0.0032 0.0027 0.0080	0.0029	0.0011 0.0029 0.0024 0.0066	0.0011 0.0045 0.0021 0.0085	0.0002 0.0046 0.0000 0.0048	0.0008 0.0043 0.0020 0.0073	0.0001 0.0011 0.0007 0.0004	0.0008 0.0054 0.0018 0.0078	0.0008 0.0045 0.0020 0.0066	0.0009 0.0047 0.0022 0.0093	0.0013 0.0031 0.0030 0.0067	0.0009 0.0045 0.0021 0.0070	0.0013 0.0040 0.0025 0.0087	0.0001 0.0004 0.0017 0.0017		0.0011 0.0035 0.0028 0.0058	0.0015 0.0027 0.0033 0.0060	0.0013 0.0029 0.0030 0.0056	0.0001 0.0013 0.0000 0.0000	0.0013 0.0036 0.0029 0.0063	0.0011 0.0033 0.0027 0.0061	0.0011 0.0043 0.0023 0.0066		0.0011 0.0038 0.0025 0.0065	0.0038 0.0025 0.0039 0.0026
0.0332 1.8851 0	0.0248 3.8677 0	0.0262 3.1645 0	0.0257 3.0178 0	0.0261 3.1217 0	0.0234 2.9898 0	0.0370 0.9628 0	0.0389 1.4163 0	0.0311 2.0304 0	0.0361 0.6992 0	0.0310 1.0242 0	0.0269 2.3555 0	0.0275 2.5867 0	0.0350 0.6733 0	0.0284 1.5819 0	2.8009	0.0258 2.7935 0	0.0303 2.7302 0	0.0294 0.1747 0	0.0358 1.8495 0	0.0201 0.1365 0	0.0334 1.7971 0	0.0307 1.9410 0	0.0297 2.1851 0	0.0260 3.1353 0	0.0296 2.3155 0	0.0258 2.9712 0	0.0197 0.1124 0	0.0292 1.7850 0	0.0247 2.5159 0	0.0242 3.3607 0	0.0241 2.9919 0	0.0209 0.1659 0	0.0259 3.1193 0	0.0246 2.6152 0	0.0249 2.6824 0		0.0257 2.6276 0	2.6276
0.0012 0.0045 0.	0.0006 0.0075 0.	0.0011 0.0074 0.	0.0000 0.0070 0.	0.0069	0.0000 0.0065 0.	0.0031 0.0030 0.	0.0194 0.0023 0.	0.0036 0.0043 0.	0.0048 0.0032 0.	0.0040 0.0038 0.	0.0058 0.0062 0.	0.0029 0.0055 0.	0.0062 0.0031 0.	0.0005 0.0047 0.	0.0060	0.0012 0.0060 0.	0.0051 0.0059 0.	0.0044 0.0026 0.	0.0024 0.0049 0.	0.0032 0.0039 0.	0.0074 0.0064 0.	0.0020 0.0054 0.	0.0034 0.0061 0.	0.0026 0.0066 0.	0.0033 0.0058 0.	0.0023 0.0074 0.	0.0000 0.0029 0.	0.0030 0.0056 0.	0.0018 0.0077 0.	0.0020 0.0073 0.	0.0000 0.0080 0.	0.0001 0.0038 0.	0.0007 0.0070 0.	0.0013 0.0064 0.	0.0013 0.0067 0.	0000	0.0012 0.0067 0.	0.0067
0.0963 0.2358 0	0.0350 0.3596 (0.0805 0.3378 (0.0641 0.3331 (0.0928 0.3525 (0.0598 0.3296 (0.0098 0.1266 (0.7604 0.1759 (0.0215 0.1452 (0.0224 0.1043 (0.0289 0.1393 (0.2234 0.2253 (0.0908 0.2232 (0.0907 0.0934 (0.0561 0.2264 (0.0653 0.2271 (0.2710 0.2877 (0.0000 0.0432 (0.0840 0.2280 (0.0000 0.0126 (0.0513 0.2238 (0.0648 0.2323 (0.0344 0.2547 (0.0712 0.2684 (0.0702 0.2164 (0.0389 0.2600	0.0000 0.0093	0.1827	0.0662 0.2780 0	0.0450 0.2921 (0.0636 0.2976 (0.0000 0.0232 (0.0587 0.2957 (0.0639 0.2611 (0.0848 0.2792 (000	0.0766 0.2673 (0.2673
18.9538	7.4953	12.5124	10.0058	8.2751	9.0904	19.5519	17.7687	15.7952	21.9806	20.8929	14.1669	16.6089	20.7933	14.2664	13.9603	15.6697	13.4818	24.9815	15.3923	23.9708	13.6135	15.3793	12.8367	10.5608	15.4096	11.0136	20.1464	16.8528	10.3725	9.0821	8.8113	25.3394	11.6160	12.3256	12.5025	7007	13.047	12.6458
0.0823 1.6576	0.0000 3.4254	0.0195 3.1874	0.0000 3.3855	0.9230 3.3268	0.1630 3.7174	0.1114 0.6787	0.6592 0.9350	0.0639 1.4233	3.5891 0.7487	2.1761 1.1769	2.7569 1.9623	0.1366 2.1450	1.1886 0.6634	0.1730 1.7673	4.4168 2.7676	3.4219 1.9304	0.8266 2.4125	11.6078 0.2688	0.0775 2.1691	18.6276 0.0000	0.4366 2.2912	0.0552 2.3532	0.0250 2.4359	0.1093 3.0567	0.2296 2.1085	0.0317 2.7408	17.9247 0.0000	5.6199 1.6142	0.2392 3.0095	0.0488 3.1022	0.6198 3.2726	18.4694 0.0282	0.0554 2.6447	0.3811 2.4330	0.0547 2.5208	0 1000		
11.4094 0.0768	20.9625 0.0559	16.3279 0.0813	18.8854 0.0697		19.1352 0.0809	7.7789 0.0787	11.7732 0.1157	9.9710 0.0903	8.5654 0.0638	10.3920 0.0874	14.2376 0.1366	13.8842 0.0620	7.5791 0.0708	13.1720 0.0963		11.3306 0.1003	12.6902 0.0759	3.6130 0.0253	15.0009 0.0697	0.0000 0.0000	15.5042 0.1056	15.4881 0.0741	13.2150 0.0816	17.5938 0.0740	14.5395 0.0652	13.2884 0.0553	0.4257 0.0000		19.8923 0.0672	19.3380 0.0609	20.5228 0.0584	0.0000 0.0000	18.4842 0.0791	17.6025 0.0706	17.5408 0.0761	16 1111 0 0516		-
2.6928	6.7293	5.4817	6.3061	2.9608	6.7070	1.0449	1.6734	2.4041	1.3296	2.2363	3.8378	3.8103	1.0992	3.0592	4.8908	3.4526	3.6762	0.6373	3.9926	0.0662	3.5104	3.9156	3.4182	5.3561	3.4654	3.6658	0.3051	2.7079	5.3789	5.4075	6.1540	0.0000	4.8265	4.4141	4.2837	4 4645	2	4.5802
0.4443 5.6068	0.4970 3.3000	0.5154 2.7372	0.5272 3.1721	0.4555 2.2814	0.5524 4.0436	0.4533 6.2655	0.4042 7.5321	0.5309 5.1128	0.3537 8.4161	0.3869 7.4002	0.3218 5.1130	0.4249 5.4975	0.3927 5.2390	0.5416 4.5434		0.3782 6.0025	0.4871 4.4446	0.3756 7.4816	0.4468 7.1880	0.0000 0.0000	0.5098 5.1678	0.4436 7.7247	0.5229 3.3889	0.4982 5.0612	0.4202 6.2632	0.4986 3.3020	0.0000 0.0000	0.2659 5.3066	0.4441 4.5627	0.4550 3.9305	0.4221 3.9190	0.1758 0.0000	0.4699 5.6508	0.4401 5.2482	0.4871 4.8988	0 4383 5 1249		-
9821	9822	9823	9824	9825	9856	9827	9828	9829	9830	9831	9832	9833	9834	9835	9836	9837	9838	9839	9840	9841	9842	9843	9844	9845	9846	9847	9848	9850	9851	9852	9853	9854	9855	9826	9857	9858		9859
18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	2	18101

0.0061	0.0059	0.0058	0.0038	0.0088	0.0040	0.0065	0.0067	0.0000	0.0000	9200.0	0.0059	0.0068	0.0057	0.0046	0.0059	0900.0	0.0056	0.0057	0.0037	0.0033	0.0048	0.0010	0.0070	0.0073	0.0085	0.0067	9900.0	0.0071	0.0074	0.0068	0.0074	0.0061	0.0058	0.0079	0.0085	0.0052	0.0068	0.0070	0.0051
0.0029	0.0023 (0.0019 (0.0021	0.0023 (0.0018	0.0025 (0.0021	0.0009	0.0007	0.0025 (0.0039	0.0027	0.0025 (0.0026	0.0000	0.0000	0.0035	0.0026	0.0019	0.0018	0.0017		0.0023	0.0024 (0.0016	0.0023 (0.0011 (0.0017	0.0000	0.0034 (0.0028	0.0031	0.0033	0.0031	0.0029	0.0012		0.0000	0.0025 (
0.0034	0.0031	0.0033	0.0020	0.0046	0.0023	0.0040	0.0044	0.0005	0.0011	0.0044	0.0038	0.0043	0.0034	0.0024	0.0027	0.0023	0.0018	0.0028	0.0018	0.0020	0.0029	0.0021	0.0038	0.0039	0.0048	0.0038	0.0048	0.0049	0.0041	0.0026	0.0032	0.0023	0.0021	0.0028	0.0043	0.0032	0.0040	0.0028	0.0016
0.0013	6000.0	6000.0	0.0007	0.0012	0.0007	6000.0	0.0010	0.0001	0.0002	600000	0.0010	0.0009	6000.0	0.0009	0.0012	0.0012	0.0014	0.0013	0.0005	6000.0	0.0008	0.0003	6000.0	0.0011	0.0008	6000.0	0.0005	0.0008	0.0007	0.0013	0.0013	0.0010	0.0014	0.0014	0.0012	0.0003	9000.0	0.0011	0.0004
3.1636	2.1452	2.2331	1.8472	3.1115	2.0111	2.1001	2.2664	0.1361	0.4234	1.9571	2.2030	2.0217	1.9123	1.9991	2.9417	3.1075	3.4628	3.4748	1.3073	2.4318	1.8889	0.7633	2.3244	2.6307	1.8437	2.2105	1.1648	1.7184	1.4617	2.8899	3.2230	2.6692	3.3240	3.3426	2.8131	0.7438	1.4707	2.6111	0.8120
0.0240	0.0228	0.0216	0.0195	0.0247	0.0205	0.0266	0.0288	0.0193	0.0196	0.0319	0.0313	0.0333	0.0315	0.0283	0.0270	0.0264	0.0255	0.0233	0.0234	0.0223	0.0285	0.0216	0.0277	0.0291	0.0345	0.0311	0.0320	0.0389	0.0381	0.0261	0.0268	0.0235	0.0232	0.0247	0.0286	0.0233	0.0279	0.0259	0.0238
0.0065	0.0065	0.0064	0.0055	0.0078	0.0062	0.0062	0.0061	0.0022	0.0031	0.0057	0.0066	0.0062	0.0051	0.0052	0.0054	0.0051	0.0055	0.0061	0.0034	0.0061	0.0043	0.0049	0.0058	0.0063	0.0049	0.0056	0.0048	0.0056	0.0050	0.0075	0.0068	0.0059	0.0063	0.0065	0.0077	0.0045	0.0055	0.0061	0.0036
0.0025	0.0014	0.0014	0.0018	0.0027	0.0025	0.0036	0.0021	0.0059	0.0037	0.0009	0.0028	0.0068	0.0013	0.0007	0.0012	0.0014	0.0019	0.0033	0.0014	0.0028	0.0034	0.0000	0.0024	0.0022	0.0030	0.0013	0.0037	0.0047	0.0035	0.0000	0.0015	0.0000	0.0002	0.0022	0.0010	0.0016	0.0036	0.0016	0.0017
0.2758	0.2196	0.1876	0.1474	0.2883	0.1552	0.2555	0.3030	0.0185	0.0596	0.2732	0.2609	0.2900	0.2621	0.2492	0.2519	0.2398	0.2797	0.2463	0.1145	0.1823	0.1689	0.0710	0.2219	0.2724	0.1988	0.2341	0.1531	0.1943	0.1853	0.3086	0.2725	0.2337	0.2805	0.2815	0.2857	0.0937	0.1725	0.2622	0.0767
0.0642	0.0455	0.0614	0.0253	0.0580	0.1000	0.0572	0.1069	0.0000	0.0000	0.1089	0.0730	0.0726	0.0781	0.0491	0.1081	0.0834	0.0601	0.0580	0.0000	0.0507	0.0000	0.0141	0.0632	0.0764	0.0834	0.0489	0.0481	0.0771	0.0491	0.0413	0.0802	0.0898	0.0891	0.0747	0.0835	0.0203		0.0582	0.0000
11.5652	14.8935	16.3714	17.7590	11.6219	17.7220	14.1733	12.3560	23.3888	22.6453	13.3630	12.7679	12.2063	13.1802	14.5419	15.0243	17.3950	14.3426	15.4016	20.2008	18.5641	19.2134	23.7590	15.6563	12.7001	17.3342	14.1747	18.4855	16.7797	17.3584	8.4585	13.8289	16.6829	13.1512	10.5454	11.5033	20.3155	18.4642	13.5426	17.5868
2.9324	2.2202	1.8530	1.4295	2.7380	1.4838	2.7389	2.8139	0.0000	0.3602	2.8115	2.9657	3.0168	2.8823	2.3824	2.7556	2.6918	3.0895	2.7243	1.0854	1.8061	1.6841	0.6170	2.3957	2.8131	2.1892	2.1351	1.2117	1.9638	1.7488	3.6458	3.1626	2.7309	3.4956	2.9744	2.9531	0.8646	1.6672	3.0605	0.7708
0.0662	5.4598	7.5490	11.0106	0.0412	12.7159	0.2819	0.9767	18.5339	18.5970	0.0890	0.2490	0.4397	1.2249	6.5170	0.0651	0.2797	0.1406	0.9518	13.2767	14.0217	8.6004	18.1053	0.1199	0.0115	0.0383	0.0222	4.4609	0.0931	0.3876	0.3754	0.0857	0.1224	0.2289	0.0636	0.0393	13.3738	6.5917	0.0446	9.8079
0.0653	0.0819	0.1002	0.0932	0.0729	0.0638	0.0780	0.0946	0.0000	0.0000	0.0642	0.0710	0.0761	0.0618	0.0946	0.0602	0.0535	0.0394	0.0594	0.1165	0.0337	0.0921	0.0000	0.0651	0.0649	0.0689	0.0597	0.0564	0.0768	0.0813	0.0585	0.0814	0.0997	0.0766	0.0930	0.0735	0.0901	0.1321	0.0602	0.1442
18.0086	12.8690	10.8850	8.6635	14.2767	7.6999	17.0862	18.4940	0.0000	1.0945	16.1616	16.8065	18.3913	17.5752	14.0842	16.0945	14.2665	15.8562	14.3410	5.0077	7.2340	8.6680	2.0064	13.2854	15.6220	11.3229	14.2897	10.3755	13.4440	12.7552	18.4231	15.4788	16.0712	18.0295	14.9861	15.3595	6.0687	8.3949	15.8514	5.5111
5.1090	3.9653	3.3462	2.7050	3.8760	2.5261	4.8905	4.8333	0.0000	0.3800	4.3495	4.8065	5.0865	4.8859	4.0912	4.6480	4.5992	5.3974	4.7733	1.9150	2.8817	2.9469	0.8970	4.2527	5.1611	3.6248	3.7235	1.9743	3.7356	3.4703	6.3829	5.0463	4.6829	6.0614	4.3454	4.2180	1.4658	2.4413	5.1700	1.4281
5.7837	4.3493	4.5432	4.0787	3.8133	2.6908	6.5140	6.5691	0.0000	0.0000	5.5969	5.6042	5.6201	4.9885	4.3388	4.1403	4.1610	3.5263	5.5725	4.6422	2.8524	6.8274	1.7664	8.3506	6.0252	8.5667	6.9102	7.5296	8.1575	7.1451	3.3115	3.6969	3.6016	2.6633	2.6751	3.5916	4.0149	4.6169	4.7390	4.2142
0.4440	0.2520	0.2128	0.1181	0.5395	0.0392	0.4463	0.4495	0.1101	0.0972	0.4581	0.4468	0.4378	0.3909	0.2280	0.4077	0.3963	0.3786	0.3918	0.1202	0.0684	0.2738	0.2188	0.4276	0.4562	0.4516	0.4411	0.3345	0.4479	0.4288	0.5068	0.4884	0.4746	0.4682	0.6119	0.5399	0.0967	0.2644	0.4519	0.1465
9862	9864	9865	9986	2986	8986	6986	9870	9871	9872	9873	9874	9875	9876	9877	8286	6286	9880	9881	9882	9883	9884	9885	9886	2886	9888	6886	0686	9891	9892	9893	9894	9895	9886	2686	8686	6686	0066	9901	9902
18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101

0.0059	0.0062	0.0045	0.0059	0.000.0	0.0004	0.000.0	0.000.0	0.0034	0.0052	0.0048	0.0082	0.0074	0.0056	0.0056	0.0061	0.0063	0.0062	0.0080	0.0059	0.0057	0.0064	0.0062
	_	_																				
0.0017	0.0028	0.0019	0.0029	0.0011	0.0004	0.0000	0.0002	0.0026	0.0020	0.0021	0.0022	0.0022	0.0030	0.0035	0.0031	0.0036	0.0032	0.0028	0.0026	0.0032	0.0026	0.0018
0.0030	0.0029	0.0028	0.0022	0.0002	0.0018	0.0022	0.0012	0.0028	0.0029	0.0028	0.0042	0.0042	0.0020	0.0020	0.0024	0.0014	0.0023	0.0031	0.0031	0.0021	0.0032	0.0037
9000.0	0.0009	9000.0	0.0008	0.0002	0.0003	0.0002	0.0002	0.0007	900000	9000.0	0.0011	0.0009	0.0010	0.0016	0.0014	0.0012	0.0015	0.0014	0.0007	0.0010	0.0010	0.0005
1.5439	2.2401	1.3884	2.1378	0.2078	0.5618	0.3828	0.3521	1.7410	1.2469	1.5568	2.6797	2.1596	2.5328	3.8949	3.5649	3.2812	3.8187	3.6148	1.7333	2.4024	2.4476	1.0623
0.0238	0.0258	0.0223	0.0215	0.0205	0.0211	0.0224	0.0217	0.0050 0.0262 1.7410	0.0278	0.0267	0.0331	0.0306	0.0246	0.0229	0.0233	0.0227	0.0231	0.0255	0.0344	0.0261	0.0302	0.0316
0.0051	0.0057	0.0056	0.0053	0.0026	0.0046	0.0049	0.0036	0.0000	0.0046	0.0055	0.0063	0.0051	0.0058	0.0071	0.0061	0.0058	9900.0	0.0062	0.0051	0.0052	0.0054	0.0036
0.0027	0.0004	0.0025	0.0010	0.0033	0.0041	0.0034	0.0025	0.0018	0.0019	0.0014	0.0023	0.0022	0.0008	0.0014	0.0020	0.0005	0.0014	0.0028	0.0002	0.0000	0.0017	0.0012
0.1103 (0.2528 (0.1641 (0.2139 (0.0347	0.0663	0.0562	0.0436 (0.1959 (0.1578 (0.2009	0.2590	0.2731	0.2528	0.3340	0.2753 (0.2355 (0.2655 (0.2736	0.2521	0.2322	0.2545 (0.1553 (
0.0431	0.0934 (0.0475 (0.0821	0.0000	0.0000	0.0000	0.0000	0.0436	0.0348 (0.0448	0.0857	0.1016 (0.0622	0.0592	0.1194 (0.0620	0.0780	0.0970	0.1109 (0.0581	0.0766	0.0955 (
19.3419 (15.0515 (19.2983 (17.0881 (22.4840 (24.0977 (25.6434 (24.2046 (17.6938 (17.2287 (18.0505 (14.1621 (14.0809 (14.4160 (9.6791	12.6968	17.6951 (12.8084 (15.4700 (18.3676 (16.8960 (14.7088 (22.6098 (
1.2299 19	2.6881 15	1.7550 19	2.6640 17	0.1266 22	0.5248 24	0.3470 25	0.2397 24	2.0272	1.6745 17	2.0872 18	2.8480 14	2.7642 14	2.7350 14	3.6276 9.	3.0278 12	2.7224 17	3.2934 12	3.1021 15	2.3371 18	2.7694 16	2.6456 14	1.2494 22
9.5069	3 0.8717	9.3816	2.4670	18.6511	18.4510	18.5539	18.5862	8.5573	7.0493	8.3620	1 0.2077	1.6528	3.9322	0.0130	9 0.2498	3 0.0815	0.0389	0.0486	0.0796	0.0519	0.0624	2.6520
0.0921	0.0666	0.1080	0.0797	0.0000	0.0000	0.0000	0.0000	0.1153	0.0675	0.0700	0.0934	0.0600	0.0987	0.0590	0.0819	0.0646	0.0749	0.0562	0.0830	0.0647	0.0787	0.0432
5.9454	16.5628	10.4317	14.5711	0.2574	1.3595	0.3120	0.2564	11.0575	9.1926	10.4028	13.6556	14.1695	14.7160	19.4868	16.7535	13.6273	16.1194	12.4779	16.3447	15.8236	16.2737	9.7744
1.8525	4.7741	3.0539	4.9505	0.0544	0.6022	0.1624	0.0922	3.4242	2.7188	3.1790 10.4028	3.9608	4.4397	4.7476	9/1/9	5.5265 16.7535	4.6487	5.5364	4.0184	4.1580	4.9135	4.4196 16.2737	2.4345
3.0698	2.6485	3.1302	3.6051	0.0000	0.2786	0.0000	0.0000	5.1487	4.0217	4.3725	4.5161	3.0557	4.1857	2.5454	3.1922	3.6517	3.6831	2.5623	4.8253	2.9248	5.3396	5.3342
0.0864 3.0698	0.3827	0.0933	0.3745	0.0646	0.0885	0.2059 (0.1575 (0.2131	0.1880	0.1774	0.5304	0.3787	0.3248	0.4605	0.4425	0.4410	0.4926	0.4645	0.4080	0.4278	0.4457	0.3032
9903 0	9904 0	9905 0	0 9066	0 2066	9066	0 6066	9910 0	9911 0	9912 0	9913 0	9915 0	9916 0	9917 0	9918 0	9919 0	9920 0	9921 0	9923 0	9927 0	9929 0	9933 0	9934 0
18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101

Nb (%) Mo (%) No	0.00555 0.00555 0.0000 0.00003 0.0000 0.0004 0.0024 0.0024 0.0062 0.0062 0.0062
%) 000 000 000 000 000 000 000 0	
Nb (%) 0.00 (%) 0.00009 0.00009 0.00009 0.00009 0.00012 0.00012 0.00012 0.00012 0.00012 0.00012 0.00012 0.00012 0.00012 0.00012 0.00013 0.00013 0.00014 0.00014 0.00018 0.00019 0.00019 0.00019 0.00019 0.00019 0.00019 0.00019	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
Zr (%) 0.0098 0.00087 0.00087 0.00090 0.00027 0.00092 0.00104 0.01014 0.00087 0.00083 0.00083 0.00081 0.00083 0.00083 0.00083 0.00081	0.0075 0.0175 0.0197 0.0196 0.0237 0.0250 0.0250 0.0254 0.0254 0.0254 0.0254 0.0254 0.0254
Y (%) 0.0032 0.0022 0.0029 0.0017 0.0018 0.0018 0.0018 0.0036 0.0036 0.0036 0.0036 0.0036 0.0036 0.0036 0.0036 0.0036 0.0036 0.0036 0.0036 0.0036 0.0036	0.0026 0.0028 0.0028 0.0023 0.0023 0.0021 0.0021 0.0024 0.0026
Sr (%) 0.0304 0.0250 0.0190 0.0214 0.0222 0.0210 0.0174 0.0168 0.0189 0.0189 0.0189 0.0100 0.0120 0.0134 0.0100 0.0081 0.0081	0.0070 0.0153 0.0118 0.0118 0.0115 0.0097 0.0097 0.0098 0.0098 0.0098 0.0098
0.0016 0.0016 0.0000 0.0000 0.0000 0.0000 0.0002 0.0002 0.0002 0.0003 0.	0.0099 0.0009 0.0007 0.0002 0.0002 0.0009 0.0009 0.0002 0.0001
Rb (%) 0.0191 0.0036 0.0012 0.0012 0.0012 0.0005 0.0013 0.0149 0.0149 0.0151 0.0157 0.0157 0.0157 0.0168	
Th (%) 0.0014 0.0004 0.0002 0.0002 0.0002 0.0002 0.0002 0.0001 0.0012 0.0012 0.0012 0.0012 0.0012 0.0012 0.0012 0.0012 0.0012 0.0012 0.0012 0.0012 0.0012 0.0012 0.0012 0.0012 0.0012 0.0000	
Pb (%) 0.0009 0.0005 0.0002 0.0001 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002	
As (%) 0.0001 0.0002 0.0000 0.0000 0.00003 0.0003 0.0003 0.0003 0.0003 0.0003 0.0003 0.0003 0.0003 0.0003 0.0003 0.0003 0.0003 0.0003 0.0003 0.0003 0.0003	
Ga (%) 0.00015 0.00016 0.00010 0.00010 0.00012 0.00014 0.00016 0.00016 0.00015 0.00015 0.00019 0.00018 0.00018 0.00019	
Zn (%) 0.0032 0.0013 0.0022 0.0013 0.0015 0.0016 0.0016 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028 0.0028	
Cu (%) 0.0018 0.0017 0.00017 0.00017 0.00009 0.00000 0.00109 0.0131 0.0134 0.0134 0.0134 0.0136 0.0136 0.0136 0.0136 0.0136 0.0137 0.0136	
Ni (%) 0 0.0066 (0.0017 (0.0047 (0.0017 (0.0011 (0.0011 (0.0011 (0.0011 (0.0028 (0.028 (0.028 (0.037 (0.037 (0.0439 (0.0435 (0.0439 (0.0449 (0.0	
Co (%) 1	
Fe (%) C 2.3896 C 2.3896 C 0.4311 C 1.5259 C 0.3821 C 0.2880 C 0.2880 C 0.2880 C 2.3767 C 2.3279 C 2.3	
Mn (%) F 0.0293 2 0.0293 2 0.0293 2 0.0293 2 0.0204 0 0.0362 1 0.0394 0 0.0394 0 0.0394 0 0.0204 2 0.0204 2 0.0212 2 0.0218 3 0.0196 3 0.0172 2 0.0172 2 0.0172 2 0.0171 2 0.0	
Cr (%) M 0.0077 0 0.00010 0 0.00018 0 0.00000 0 0.00000 0 0.00000 0 0.00018 0 0.0148 0 0.0148 0 0.0148 0 0.0148 0 0.0148 0 0.0148 0 0.0148 0 0.0148 0 0.0148 0 0.0169 0 0.0169 0 0.0169 0 0.0173 0 0.0136 0 0.0136 0 0.0137 0 0.0137 0 0.0137 0 0.0137 0 0.0138 0 0.0137 0 0.0138 0 0.01018 0	
Ti (%) Ci	
Ba (%) 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	
f. Ca (%) 9.7492 32.7292 12.5870 34.049 34.1192 32.5136 32.5136 34.1670 34.1670 3.0974 2.7323 3.0974 2.7323 1.7357 2.0331 1.7357	1.6463 7.9668 7.6202 7.8912 22.2413 8.9401 4.8103 7.9555 11.0125 9.7054 7.4612 6.8920 34.2453 30.8884
Depth (ff. 9580 9581 9586 9586 9587 9588 9588 9598 9590 9591 9595 9591 9595 9591 9595 9595	9609 96009 9610 9611 9612 9614 9617 9617 9619 9619 9620
Well # 18101	18101 18101 18101 18101 18101 18101 18101 18101

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0.0004 0.0007 0.0006 0.0007	0.00004 0.0000	0.0406
0.0005 0.0002 0.0002 0.0004 0.0005	0.0003 0.0003 0.00003 0.00004 0.00004 0.00005 0.00005 0.00006	0.0011
0.0001 0.0002 0.0007 0.0067 0.0194	0.0102 0.0312 0.0284 0.0286 0.0286 0.0285 0.0285 0.0287 0.0327 0.0327 0.0328 0.0328 0.0328 0.0328 0.0328 0.0328 0.0328 0.0328 0.0328 0.0328 0.0328 0.0328 0.0328 0.0328 0.0328 0.0328 0.0328	0.0092
0.0020 0.0017 0.0016 0.0016	0.0025 0.0026 0.0027 0.0026 0.0027 0.	0.0033
0.0401 0.0452 0.0476 0.0338 0.0248	0.0152 0.0133 0.0117 0.0112 0.0112 0.0124 0.0124 0.0123 0.0124 0.0123 0.0124 0.0124 0.0124 0.0125 0.0126 0.0127	0.0090
0.0007 0.0000 0.0000 0.0006 0.0006	0.0000 0.	0.0067
	0.0007 0.0007 0.0007 0.0003 0.0003 0.0003 0.0007 0.0007 0.0007 0.0005 0.0007	0.0151
0.0002 0.0001 0.0002 0.0003 0.0003		0.00011
	0.0000 (0.0000	0.0010 (0.0013 (
	0.00004 (0.0004 (0.0077
0.0005 0.0000 0.0003 0.0002 0.0004		0.0020 0
	0.00000 0.000000	0.0130 0 0.0082 0
	0.0009 0.0007 0.0007 0.0007 0.0009 0.0004 0.0009 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.	0.0096 0.0000
	0.0012 0.0023 0.00012 0.00012 0.00012 0.00012 0.00013	0.0445 0. 0.0428 0.
		39 0.0018 3 0.0014
	0.44030 0.8925 0.8925 0.8925 0.8925 0.5977 0.11220 0.5318 0.5318 0.63814 0.68891 0.68895 0.688	4.0389
0.0477 0.0311 0.0327 0.0254 0.0290	0.0284 0.0324 0.0327 0.0327 0.0327 0.0327 0.0253 0.0253 0.0324 0.0324 0.0324 0.0324 0.0324 0.0324 0.0324 0.0324 0.0327 0.0329 0.	0.0155
0.0000	0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000	0.0177
0.0000 0.0054 0.0000 0.0000 0.0350	0.0134 0.0134 0.2417 0.2316 0.2320 0.2347 0.1476 0.2622 0.0984 0.1235 0.2065 0.2078 0.22788 0.22	0.3185
0.0000 0.0000 0.0000 0.0762 0.0898	0.00000 0.00001 0.00000 0.00000000	0.00334
	22.4524 32.8053 32.8053 6.1618 7.2516 26.5500 4.9147 11.3368 11.3368 4.9220 25.6129 22.6896 10.358 8.226 5.8394 5.8875 5.8875 5.8875 5.8875 7.3904 11.33703 8.2773 23.4080 9.2743 9.2763 9.2743 10.3834 9.2743 10.3834 9.2763 10.466 9.2763 10.3834 9.2763 10.3834 9.2763 10.3834 9.2763 10.3834 9.2763 10.3834 9.2763 10.3834 9.2763	0.9131
	9629 3 9629 3 9629 3 9629 3 9629 3 9629 3 9629 3 9623 1 9634 5 9634 1 9639 1 9641 2 9641 2 9644 6 9644 6 9644 6 9644 6 9645 1 9659 1 9651 1 9655 1 9655 1 9656 1 96	9662 (
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2 2 2 2 2		4 8

0.0374	0.0393	0.0214	0.0398	0.0353	0.0548	0.0402	0.000.0	0.0531	0.0577	0.0448	0.0415	0.0375	0.0361	0.0241	0.0149	0.0241	0.0373	0.0371	0.0296	0.0430	0.0364	0.0361	0.0331	0.0137	0.0221	0.0375	0.0376	0.0346	0.0470	0.0267	0.0231	0.0203	9000.0	0.0001	0.0004	0.0005	0.0001	0.0005
0.0000		0.0008	600000	0.0012	0.0011	600000	0.3724	0.0011	0.0011	0.0010	0.0013	0.0014	0.0011	600000	0.0007	0.0008	0.0010	0.0014	0.0010	0.0011	0.0007	0.0010	0.0010	900000		0.0011	0.0012		0.0012	0.0018	0.0021	0.0013	0.0005	0.0007	900000		0.0005	900000
0.0046	0.0054	0.0052	0.0057	0.0082	0.0081	0.0054	0.0000	0.0084	0.0059	0.0064	0.0088	9600.0	0.0085	0.0076	0.0050	0.0075	0.0100	0900.0	9900.0	0.0066	0.0051	0.0056	0.0064	0.0027	0.0018	0.0066	0.0073	0.0082	0.0093	0.0102	9600.0	0.0111	9900.0	0.0110	0.0117	0.0079	0.0108	0.0116
0.0022	0.0024	0.0020	0.0026	0.0031	0.0032	0.0031	0.0000	0.0033	0.0032	0.0031	0.0037	0.0037	0.0033	0.0027	0.0020	0.0026	0.0032	0.0034	0.0030	0.0034	0.0022	0.0028	0.0028	0.0018	0.0017	0.0032	0.0034	0.0033	0.0033	0.0047	0.0041	0.0039	0.0015	0.0025	0.0016	0.0019	0.0019	0.0017
0.0063	0.0074	0.0070	0.0078	0.0099	0.0083	0.0095	0.0117	0.0079	0.0078	0.0088	0.0096	0.0100	0.0085	0.0085	0.0068	0.0082	0.0091	0.0082	0.0083	0.0079	0.0069	0.0081	0.0083	0.0061	0.0052	0.0000	0.0093	0.0078	0.0082	0.0115	0.0111	0.0103	0.0099	0.0118	0.0094	0.0214	0.0106	0.0094
0.0037	0.0041	0.0032	0.0048	0.0064	0.0077	0.0040	0.3689	9900.0	0.0073	0900.0	0.0071	0.0000	0.0063	0.0044	0.0033	0.0046	0.0072	0.0097	0.0065	0.0071	0.0043	0.0065	0.0065	0.0024	0.0039	0.0054	0.0091	0.0061	0.0070	0.0083	0.0068	0.0045	0.0011	0.0010	0.0000	0.0004	0.0000	0.0000
0.0084	0.0089	0.0074	0.0093	0.0139	0.0127	0.0093	0.0616	0.0131	0.0118	0.0107	0.0147	0.0121	0.0102	0.0087	0.0059	0.0092	0.0121	0.0114	0.0129	0.0126	0.0085	0.0119	0.0132	0.0057	0.0062	0.0133	0.0149	0.0140	0.0143	0.0151	0.0171	0.0164	0.0027	0.0000	0.0036	0.0022	0.0037	0.0025
0.0007	0.0008	0.0007	0.0008	0.0011	0.0010	0.0007	0.0034	0.0010	0.0010	0.0009	0.0011	0.0009	0.0000	0.0008	900000	0.0008	0.0010	0.0010	0.0010	0.0010	0.0008	0.0010	0.0011	0.0006	900000	0.0010	0.0011	0.0010	0.0011	0.0011	0.0012	0.0011	0.0003	0.0008	0.0004	0.0003	0.0004	0.0003
0.0021	0.0018	0.0019	0.0015	0.0019	0.0022	0.0022	0.0021	0.0019	0.0020	0.0018	0.0025	0.0022	0.0021	0.0019	0.0015	0.0019	0.0024	0.0020	0.0020	0.0022	0.0019	0.0019	0.0020	0.0012	0.0011	0.0024	0.0010	0.0020	0.0015	0.0013	0.0011	0.0000	0.0024	0.0008	0.0007	900000	0.0012	0.0005
0.0039	0.0029	0.0039	0.0020	0.0026	0.0044	0.0059	0.0052	0.0054	0.0031	0.0037	0.0054	0.0057	0.0034	0.0028	0.0018	0.0029	0.0051	0.0032	0.0067	0.0043	0.0029	0.0033	0.0024	0.0013	0.0014	0.0055	0.0068	0.0079	0.0084	0.0099	0.0087	0.0170	0.0051	0.0005	0.0005	0.0007	0.0012	0.0003
0.0008	0.0008	0.0007	0.0008	0.0010	0.0013	0.0020	0.0021	0.0014	0.0013	0.0021	0.0019	0.0016	0.0015	0.0009	0.0005	0.0009	0.0015	0.0011	0.0015	0.0016	0.0009	0.0016	0.0025	0.0004	0.0003	0.0017	0.0019	0.0021	0.0024	0.0032	0.0028	0.0037	0.0008	0.0009	0.0003	0.0003	0.0005	0.0002
0.0099	0.0095	0.0055	0.0054	0.0025	0.0291	0.0416	0.0451	0.0495	0.0725	0.2177	0.0968	0.0735	0.1033	0.0074	0.0011	0.0038	0.0632	0.0151	0.0126	0.0127	0.0095	0.1064	0.2852	0.0041	0.0057	0.0120	0.0218	0.0191	0.0031	0.0197	0.0036	0.0276	0.0018	0.0016	0.0005	0.0007	0.0010	0.0008
0.0064	0.0073	0.0043	0.0054	0.0072	0.0107	9600.0	0.0081	0.0099	0.0114	0.0142	0.0126	0.0119	0.0118	0.0054	0.0028	0.0051	9600.0	0.0077	0.0081	0.0101	0900.0	0.0106	0.0203	0.0024	0.0039	0.0085	0.0089	0.0095	0.0091	0.0108	0.0091	0.0124	0.0000	0.0007	0.0002	0.0005	0.0010	9000.0
0.0327	0.0386	0.0241	0.0370	0.0407	0.0581	0.0381	0.0374	0.0521	0.0503	0.0395	0.0556	0.0484	0.0440	0.0307	0.0193	0.0282	0.0413	0.0411	0.0316	0.0413	0.0293	0.0314	0.0330	0.0156	0.0201	0.0287	0.0356	0.0283	0.0211	0.0299	0.0259	0.0241	0.0018	0.0032	0.0008	0.0008	0.0013	0.0010
0.0008	0.0007	0.0008	0.0007	0.0008	0.0009	0.0025	0.0016	0.0007	0.0010	0.0012	0.0014	0.0013	0.0011	0.0008	900000	0.0012	0.0011	0.0009	0.0010	0.0013	0.0007	0.0009	0.0012	900000	0.0005	0.0011	0.0016	0.0015	0.0016	0.0021	0.0023	0.0019	0.0009	0.0010	0.0007	0.0007	0.0006	0.0005
2.4980	2.0256	2.0211	1.6533	2.3258	3.0013	5.2448	1.9608	2.7315	2.2313	2.4886	2.9720	3.1984	2.3723	2.0752	1.7403	2.2203	2.8252	2.1264	2.9827	3.0713	1.8300	2.1411	2.4143	1.1609	1.2014	3.4909	3.7694	4.1807	4.6416	4.7398	4.8553	4.9647	1.4436	1.7025	0.8556	1.0275	1.3694	0.9071
0.0105	0.0131	0.0157	0.0131	0.0152	0.0161	0.0229	0.0153	0.0151	0.0122	0.0145	0.0135	0.0143	0.0168	0.0180	0.0159	0.0189	0.0188	0.0128	0.0148	0.0129	0.0115	0.0121	0.0154	0.0110	0.0071	0.0137	0.0145	0.0165	0.0191	0.0194	0.0182	0.0202	0.0717	0.0591	0.0806	0.0868	0.0620	0.0727
0.0104	0.0091	0.0062	0.0094	0.0113	0.0147	0.0142	0.0123	0.0125	0.0126	0.0119	0.0137	0.0130	0.0114	0.0085	0.0015	0.0081	0.0107	0.0098	0.0087	0.0094	0.0062	0.0087	0.0121	0.0015	0.0000	0.0100	0.0106	0.0089	0.0084	0.0114	0.0082	0.0099	0.0022	0.0045	900000	0.0000	0.0012	0.0001
0.1786	0.1803	0.1677	0.1600	0.2598	0.2640	0.3083	0.1780	0.2406	0.2035	0.2147	0.3294	0.2900	0.2931	0.2264	0.1358	0.2178	0.3069	0.2110	0.2486	0.2591	0.1380	0.1783	0.2733	0.0781	0.0942	0.2670	0.3160	0.3190	0.3567	0.3501	0.3926	0.4128	0.1031	0.2514	0.1010	0.1014	0.1860	0.1188
0.0000	0.0000	0.0000	0.0428	0.0459	0.0300	0.0000	0.1224	0.1060	0.0820	0.0832	0.0000	0.0480	0.0000	0.0000	0.0000	0.0000	0.0000	0.0657	0.0528	0.0116	0.0753	0.0973	0.0000	0.0398	0.0000	0.0448	0.0000	0.0149	0.0184	0.0471	0.0018	0.0000	0.0000	0.0988	0.0506	0.0131	0.0000	0.0000
0.7698	1.2151	1.3197	1.3492	1.1631	1.0986	4.0001	0.8597	1.0822	0.8267	1.5580	1.0449	1.1978	1.9981	2.2441	2.1739	1.8119	1.4734	1.0102	0.9177	0.8550	0.9192	0.7696	1.0693	2.9601	0.7083	0.7108	0.7945	1.0018	1.1991	1.8618	1.4411	1.1538	14.0967	8.0940	13.0050	16.4188	12.2557	15.1780
9664		2996	8996	6996	0296	9671	9672	9673	9674	9675	9296	2296	8296	6296	0896	9681	9682	9683	9684	9685		2896	8896	6896	0696	9691	3695	6963	9694	9692	9696	2696	8696	6696	0026			9703
18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101

<u> </u>	ιū	_	စ္	0	0	ღ	Ω.	4	_	<u>ත</u>	0	0		ღ	4	4	0	0	ဖွ	Σ	0		0	Ω	0	<u>∞</u>	ω	4	ဖွ	0	ღ	0	ღ	0	0	0	_	0
0.0007	0.0005	0.0007	0.0006	0.0000	0.0000	0.0003	0.0005	0.0004	0.0001	0.0009	0.0000	0.0000	0.0007	0.0003	0.0004	0.0004	0.0000	0.0000	0.0006	0.0001	0.0000	0.0007	0.0000	0.0005	0.0010	0.0008	0.0008	0.0004	0.0006	0.0000	0.0003	0.0000	0.0003	0.0000	0.0000	0.0000	0.0001	0.0000
0.0006	0.0004	0.0005	0.0006	0.0009	0.0005	0.0006	0.0004	0.0005	0.0006	0.0006	0.0011	0.0009	0.0005	0.0008	0.0006	0.0006	0.0009	0.0011	0.0005	0.0006	0.0012	0.0005	0.0008	0.0004	0.0006	0.0006	0.0006	0.0007	0.0007	0.0007	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0008	0.0009
0.0105	0.0072	0.0113	0.0161	0.0134	0.0115	0.0084	0.0112	0.0080	0.0186	0.0183	0.0138	0.0135	0.0122	0.0141	0.0081	9900.0	0.0154	0.0135	0.0071	0.0103	0.0167	0.0095	0.0166	0.0107	0.0175	0.0168	0.0223	0.0165	0.0110	0.0114	0.0166	0.0142	0.0132	0.0098	0.0148	0.0120	0.0130	0.0121
0.0020	0.0013	0.0020	0.0021	0.0031	0.0020	0.0016	0.0015	0.0013	0.0017	0.0015	0.0032	0.0032	0.0012	0.0031	0.0016	0.0017	0.0031	0.0032	0.0010	0.0019	0.0034	0.0016	0.0030	0.0011	0.0015	0.0014	0.0023	0.0021	0.0020	0.0018	0.0030	0.0030	0.0030	0.0028	0.0031	0.0031	0.0030	0.0029
0.0111	0.0089	0.0098	6600.0	0.0119	0.0118	0.0116	0.0237	0.0108	0.0117	0.0092	0.0129	0.0121	0.0089	0.0132	0.0102	0.0109	0.0117	0.0143	0.0000	0.0107	0.0133	0.0098	0.0278	0.0000	0.0094	9600.0		0.0115			0.0121	0.0112	0.0141	0.0107	0.0130	0.0127	0.0119	0.0097
0.0000	0.0000	0.0003	0.000.0	0.0007	0.000.0	0.0003	0.0003	0.000.0	0.0003	0.0005	0.0019 (0.0004	0.0000	0.0000	0.0001	0.000.0	0.0002	0.0008	0.0000	0.000.0	0.0005	0.0000	0.000.0	0.0000		0.0010		0.0002		0.0003	0.0007	0.0006	0.0001	0.000.0	0.0005			0.0015
0.0031 0	0.0020	0.0043 0	0.0031 0	0.0170 0	0.0061 0	0.0029 0	0.0021 0	0.0021 0	0.0019 0	0.0022 0	0.0184 0	0.0186 0	0.0023 0	0.0185 0	0.0034 0	0.0038 0	0.0122 0	0.0158 0	0.0020	0.0032 0	0.0201 0	0.0018 0	0.0106 0	0.0017 0	0.0022 0	0.0019 0		0.0049 0		0.0032 0		0.0125 0	0.0108 0	0.0110 0	0.0132 0			0.0118 0
0.0004 0.0005 0.	0.0003 0.	0.0005 0.	_	0.0013 0.	0.0006 0.	0.0004 0.	0.0003 0.	0.0003 0.	0.0003 0.	0.0003 0.	0.0014 0.	0.0014 0.	0.0004 0.	0.0014 0.	0.0004 0.	0.0005 0.	0.0010 0.	0.0012 0.	0.0003 0.	0.0004 0.	0.0015 0.	0.0003 0.	0.0009 0.	0.0003 0.	0.0003 0.	0.0003 0.		0.0005 0.	_	0.0004 0.		0.0010 0.	0.0009 0.	0.0010 0.	0.0011 0.			0.0010 0.
0.0008 0.0		0.0011 0.0	0.0012 0.0	0.0015 0.0	0.0003 0.0	0.0000	0.0015 0.0	0.0003 0.0	0.0003 0.0	0.0000	0.0012 0.0	0.0013 0.0	0.0000	0.0017 0.0	0.0001 0.0	0.0001 0.0	0.0012 0.0	0.0019 0.0	0.0001 0.0	0.0001 0.0	0.0018 0.0	0.0000	0.0004 0.0	0.0005 0.0	0.0000	0.0001 0.0		0.0002 0.0			0.0014 0.0	0.0022 0.0	0.0017 0.0	0.0003 0.0	0.0004 0.0			0.0003 0.0
					0.0000 0.0	_																		0.0000 0.0														_
0.0008		0.0012	0.0015			0.0000	0.0016	0.0001	0.0001	0.0000	0.0003	18 0.0007	0.0000	19 0.0012	0.0000	0.0000	0.0008	20 0.0020	00000 00	0.0000	22 0.0013	0.0001	0.0000		0.0000			3 0.0002		0.0000			15 0.0017	0.0000	0.0000			0.0000
0.0003	0.0000	0.0006		0.0015	0.0008	0.0000	9000.0	0.0002	0.0000	0.0002	0.0016	0.0018	0.0001	0.0019	0.0003	0.0002	0.0010	0.0020	0.0000	0.0003	0.0022	0.0001	0.0012	0.0000	0.0000	0.0002		0.0003		0.0002		0.0019	0.0015	0.0011	0.0014			0.0010
0.0008	0.0004	0.0010	0.0009	0.0026	0.0011	0.0009	0.0004	0.0004	0.0005	0.0003	0.0028	0.0031	0.0000	0.0032	0.0008	0.0009	0.0026	0.0029	0.0001	0.0004	0.0033	0.0005	0.0026	0.0005	0.0004	0.0008	0.0005	0.0013	0.0015	0.0006	0.0034	0.0035	0.0029	0.0025	0.0039	0.0029	0.0032	0.0036
0.0008	0.0001	9000.0	0.0006	0.0009	0.0006	0.0003	0.0009	0.0003	0.0005	0.0005	0.0017	0.0015	0.0009	0.0018	0.0006	0.0006	0.0022	0.0040	0.0003	0.0006	0.0021	0.0002	0.0012	0.0002	0.0003	0.0019	0.0054	0.0029	0.0004	0.0009	0.0025	0.0049	0.0075	0.0085	0.0009	0.0012	0.0009	0.0218
0.0016	0.0003	0.0027	0.0020	0.0057	0.0024	0.0002	0.0017	0.0002	0.0004	0.0003	0.0057	0.0075	0.0001	9900.0	600000	0.0015	0.0044	0.0089	0.0002	0.0008	0.0067	0.000.0	0.0039	0.0002	0.0002	0.0008	0.0014	0.0016	0.0022	0.0004	0.0044	0.0075	0.0072	0.0037	0.0056	0.0048	0.0048	0.0045
0.0005	0.0005	0.0015	9000.0	0.0017	900000	0.0005	0.0014	0.0005	0.0004	0.0004	0.0013	0.0022	0.0005	0.0017	900000	900000	0.0014	0.0027	0.0005	900000	0.0018	0.0004	0.0010	0.0005	0.0004	0.0005		0.0005			0.0008	0.0013	0.0010	0.0010	0.0007	0.0008		0.0011
1.0251 (1.6576 (0.6076	2.6831	1.7184 (3.1748 (1.3345 (0.7727	2.3023 (0.7228	0.6889	0.7404 (3.2111 (3.6880	0.7614 (3.3650 (0.8187 (0.9563	2.6487 (4.2166	0.6722 (0.7565 (3.8096	0.6616	1.9032 0	0.5741	0.6290	0.6012		0.8882		0.7076		2.4019 (2.1359 (1.9874 (2.4634 (2.3048
0.0634 1.	0.0656 0.	0.0554 2.	0.0559 1.		0.0453 1.	0.0481 0.	0.0538 2.		0.0532 0.	0.0571 0.	0.0304 3.	0.0309 3.	0.0634 0.	0.0319 3.	0.0506 0.	0.0496 0.	0.0372 2.	0.0370 4.	0.0494 0.	0.0466 0.	0.0274 3.	0.0553 0.	0.0407 1.	0.0466 0.	0.0513 0.			0.0449 0.		_		0.0432 2.	0.0495 2.	0.0428 1.	0.0382 2.			0.0504 2.
0.0016	0.0000	0.0045	0.0018	0.0076	0.0000	0.0000	0.0028	0.0004	0.0000	0.0000	0.0065	0.0069	0.0004	0.0075	0.0000	0.0000	0900.0	0.0074	0.0000	0.0000	0.0069	0.0000	0.0044	0.0000	0.0009			0.0007		0.0000	0.0041	0.0043	0.0066	0.0049	0.0077	0.0073		0.0047
0.1089	0.0635	0.2113	0.2079	0.3585	0.2131	0.1140	0.1152	0.1028	0.1308	0.0830	0.4502	0.4208	0.0768	0.4222	0.1126	0.1434	0.3450	0.4189	0.0349	0.1261	0.5134	0.0565	0.3312	0.0520	0.0759	0.0727	0.1984	0.1806	0.1749	0.1043	0.3125	0.3459	0.3467	0.2775	0.4097	0.3667	0.3461	0.3184
0.1012	0.0064	0.0000	0.0840	0.2186	0.0774	0.0000	0.0284	0.0391	0.0000	0.0369	0.0434	0.1361	0.0011	0.0786	0.0578	0.0000	0.1255	0.1724	0.0000	0.0444	0.0206	0.0476	0.1787	0.0000	0.0300	0.0000	0.0680	0.0202	0.0285	0.0404	0.1786	0.1514	0.0665	0.0941	0.0346	0.0000	0.0000	0.0939
13.8582	14.6037	11.7652	11.6112	2.8248	10.1828	13.4140	16.0793	15.2000	16.2656	15.1385	2.1377	2.2922	14.3811	1.8084	14.1059	12.9883	6.2618	3.4388	12.9571	13.6572	1.2858	16.9722	9065.9	13.5040	14.5302	14.5083	11.5885	11.9947	12.8853	14.1116	2.8667	5.4830	6.7945	6.5671	4.4395	4.8862	5.6405	5.9469
9704 1	9206	9707	9708	6026	9710 1	9711 1	9712 1		9714 1	9715 1	9716	9717	9718 1	9719	9720 1	9721 1	9722 (9725 1	9226	9727 1	9728 (9729 1	9730 1			9733 1		9735 1		9737	9738 (9739 (9740			9743
18101	8101					18101	8101			18101	18101	18101	18101	18101	18101 8	18101	18101	18101	18101	18101		18101	18101		18101							18101	18101	18101				18101
2 8	18	18	7	7	18	18	7	18	18	18	7	18	18	18	18	4	7	4	18	18	18	7	18	18	7	7	7	7	7	7	7	7	18	18	7	7	7	72

000	3 6	8 0	100	900	902	903	000	903	200	000	000	000	100	000	000	904	200	200	902	902	010	000	000	000	904	101	00	05	01	000	000	200	902	01	000	00	00	000
8 0.0000	-	+-	100001	900000 9	5 0.0005	0.0003	0.0000	5 0.0003	7 0.0002	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	7 0.0004	8 0.0002	7 0.0002	5 0.0005	5 0.0005	5 0.0010	0.0000	0.0000	0.0000	7 0.0004			7 0.0002	9 0.0001	0.0000	0.0000	7 0.0002	0.0005	0.0001	0.0000			0.0000
0.0008	0.0000	-	0.0008	0.0006	0.0005	0.0006	0.0007	0.0005	0.0007	0.0009	0.0007	0.0006	0.0006	0.0010	0.0006	0.0007	0.0008	0.0007	0.0005	0.0005	0.0005	0.0007	0.0007	0.0005	0.0007	0.0008	0.0007	0.0007	0.0009	0.0010	0.0006	0.0007	0.0006	0.0006	0.0006	_	-	0.0007
0.0122	0.01	0.0099	0.0158	0.0156	0.0054	0.0129	0.0074	0.0124	0.0132	0.0104	0.0104	0.0101	0.0093	0.0154	0.0110	0.0126	0.0129	0.0111	0.0070	0.0082	0.0110	0.0099	0.0092	0.0116	0.0136	0.0124	0.0114	0.0125	0.0123	0.0132	0.0122	0.0118	0.0106	0.0100	0.0089	0.0110	0.0142	0.0112
0.0028	0.0020	0.0025	0.0031	0.0018	0.0014	0.0017	0.0024	0.0017	0.0021	0.0031	0.0028	0.0021	0.0019	0.0032	0.0025	0.0021	0.0028	0.0017	0.0016	0.0017	0.0017	0.0024	0.0023	0.0026	0.0029	0.0030	0.0027	0.0028	0.0030	0.0031	0.0025	0.0024	0.0019	0.0022	0.0022	0.0020	0.0027	0.0026
0.0115	0.0110	0.0108	0.0125	0.0115	0.0120	0.0111	0.0101	0.0114	0.0105	0.0139	0.0117	0.0115	0.0127	0.0108	0.0126	0.0130	0.0113	0.0118	0.0141	0.0111	0.0112	0.0142	0.0126	0.0125	0.0124	0.0133	0.0136	0.0128	0.0123	0.0121	0.0125	0.0143	0.0121	0.0141	0.0136	0.0118	0.0136	0.0134
0.0004	0.0000	0.0002	0.0004	0.0002	0.0004	9000.0	0.000.0	0.000.0	0.0004	0.0007	0.0001	0.0005	0.0004	0.0003	0.000.0	0.0003	0.0004	0.0000	0.0003	0.0000	0.0000	0.0002	0.0000	0.0002	0.0007	0.0000	0.0000	0.0000	0.0000	0.0007	0.0000	0.0007	0.0001	0.0008	0.0001	0.0007	9000.0	9000.0
0.0105	-	-	0.0131	0.0033	0.0036	0.0032	0.0073	0.0061	0.0042	0.0135	0.0119	0.0068	0.0057	0.0146	0.0086	0.0035	0.0105	0.0020	0.0025	0.0028	0.0031		0.0071	0.0100	0.0098					0.0124	0.0101	6900.0	0.0049	0.0080	9900.0		0.0107	0.0085
0.0009	-	-	0.0011	0.0004	0.0004	0.0004	0.0007	9000.0	0.0005	0.0011	0.0010	0.0007	0.0006	0.0012	0.0008	0.0004	0.0009	0.0003	0.0004	0.0004		_	0.0007	0.0009	0.0009			0.0009	0.0010	0.0010	0.0009	0.0007	0.0005	0.0008	0.0007		-	0.0008
0.0005	-	-	0.0006	0.0001	0.0000	0.0003	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0004	0.0004	0.0003	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0004	0.0002	0.0002			0.0001	0.0004	0.0005	0.0002	0.0001	0.0004		0.0000			0.0003
0.0000	-	-	0.0000	0.0000	0.0000	0.0002 0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_	0.0000	0.0000	0.0000	_		_	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_	_	0.0000
0 60000	-	-	0.0014 0	0.0001	0.0002	0.0003	0.0006	0.0003	0.0005	0.0013 0	0.0008	0.0005	0.0003	0.0013 0	0.0008	0.0003	0.0010	0.0001	0.0001	0.0001	0.0003	0.0007	0.0003	0.0008	0.0007			0.0008	0.0011 0	0.0009	0.0008	0.0006	0.0003	0.0007	0.0003		-	0.0008
0.0029 0.	-	-	0.0035 0.	0.0009	0.0009	0.0008	0.0027 0.	0.0021 0.	0.0014 0.	0.0031 0.	0.0035 0.	0.0027 0.	0.0019 0.	0.0038 0.	0.0031 0.	0.0013 0.	0.0032 0.	0.0005 0.	0.0005 0.	0.0011 0.	0.0012 0.	0.0023 0.	0.0022 0.	0.0031 0.	0.0035 0.	-	-		0.0036 0.	0.0041 0.	0.0030 0.	0.0023 0.	0.0013 0.	0.0024 0.	0.0025 0.		-	0.0027 0.
-	-	+-			_	_			_		_	_	_					-	_		_	_				_	_				_		_	_	_		-	-
0.0009	-	-	0.0071	0.0005	0.0005	0.0004	9000.0	0.0005	900000	0.0009	0.0012	9000.0	0.0003	0.0014	0.0006	0.0002	0.0006	0.0004	0.0002	0.0003	0.0000	0.0003	0.0002	9000.0	0.0010			0.0008	0.0006	0.0008	0.0003	0.0004	0.0005	0.0004	0.0002			0.0011
0.0040	0.0046	0.0037	0.0080	0.0008	0.0008	0.0007	0.0028	0.0023	0.0016	0.0044	0.0049	0.0025	0.0019	0.0070	0.0041	0.0007	0.0041	0.0002	0.0006	0.0009	0.0011	0.0025	0.0032	0.0038	0.0043	0.0045	0.0048	0.0049	0.0051	0.0051	0.0045	0.0030	0.0016	0.0031	0.0031	0.0025	0.0041	0.0040
0.0012	0.0012	0.0011	0.0011	0.0004	0.0006	0.0003	0.0011	9000.0	0.0005	0.0009	0.0014	0.0007	0.0005	0.0023	0.0013	0.0004	0.0012	0.0005	0.0006	0.0004	0.0004	0.0008	0.0007	0.0010	0.0013	0.0012	0.0010	0.0011	0.0016	0.0013	0.0016	0.0008	0.0005	0.0007	0.0009	0.0007	0.0008	0.0012
2.5668	2.7.201	2.4289	2.7236	0.6880	0.8349	0.8515	1.7278	1.5203	1.0868	2.5598	2.9201	1.7477	1.3483	5.2244	2.6745	1.1153	2.9165	0.8237	0.8855	0.9788	1.0504	1.6668	1.6222	1.9774	2.8725	2.8063	2.6029	2.9806	3.6558	3.2607	2.9804	1.5636	1.1505	1.8961	1.6317	1.4063	2.2529	2.6048
0.0412	-	0.0406	0.0353	0.0454	0.0453	0.0518	0.0522	0.0405	0.0418	0.0358	0.0360	0.0357	0.0379	0.0395	0.0412	0.050.0	0.0380	0.0561	0.0557	0.0429	0.0490	0.0430	0.0421	0.0413	0.0450	0.0433	0.0440	0.0417	0.0439	0.0452	0.0392	0.0489	0.0514	0.0448	0.0484	0.0320	0.0349	0.0433
0.0057			0.0051	0.0000	0.0000	0.0000	0.0021	0.0017	0.0016	0.0077	0.0047	0.0014	0.0024	0.0076	0.0045	0.0008	0.0051	0.0000	0.0000	0.0000			0.0036	0.0030	0.0055 (0.0046	0.0085	0.0057	0.0041	0.0020	0.0002	0.0014 (0.0013 (0.0061
0.3284 0	-	-	0.4262 0	0.1335 0	0.0796	0.1242 0	0.2311 0	0.1750 0	0.1966 0	0.3036 0	0.3218 0	0.2584 0	0.1832 0	0.4460 0	0.2726 0	0.1610 0	0.3264 0	0.1636 0		0.1247 0				0.2467 0	0.3394 0				0.3644 0	0.3591 0	0.2877 0	0.1924 0	0.1233 0	0.2358 0	0.2144 0			0.2855 0
0.0486 0	+	-	0.0128 0	0.0000	0.0000	0.0542 0	0.0105 0	0.0691 0	0.0263 0	0.1200 0	0.0097	0.0000	0.0284 0	0.1746 0	0.1370 0	0.0468 0	0.0783 0	0.0000		0.0066 0			0.0081 0	0.1212 0					0.0388 0	0.0323 0	0.1377 0	0.1202 0	0.0774 0		0.0008 0			0.0000
6.8973 0.	-	-	3.4443 0.	11.6851 0.	12.6406 0.	14.1099 0.	10.3154 0.	10.1013 0.	10.8375 0.	6.1991 0.	7.1744 0.	9.6186 0.	11.0548 0.	3.0059 0.	9.0299 0.	14.6331 0.	6.7997 0.			13.3559 0.			9.7110 0.	8.1141 0.	7.6827 0.	7.9858 0.		7.6206 0.	6.2742 0.	6.1126 0.	6.2310 0.	10.1225 0.	12.0723 0.	8.5070 0.	10.2308 0.			8.5640 0.
									Ė											Ė																		
9744	+	+	1 9748	1 9749	1 9750	1 9751	1 9752			1 9755	1 9756	1 9757	1 9758	1 9759	1 9760	1 9761	1 9762	1 9763		1 9765			1 9768	1 9769	1 9770			1 9773	1 9774	1 9775	1 9776	1 9777	1 9778	1 9779	1 9780			1 9783
18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101

002	02	00	00	00	07	10	902	00	00	00	90	00	4	90	00	00	00	00	00	40	00	00	00	00	90	00	00	00	900	03	5	0	00	00	00	00	902	00	00
-	0.0002	0.0000	0.0000	0.0000	0.0002	0.0001	0.0005	0.0000	0.0000	0.0000	0.0004	0.0000	0.0004	0.0006	0.0002	0.0000	0.0002	0.0000	0.0000	0.0004	0.0002	0.0000	0.0000	0.0000	0.0004	0.0000		0.0000	0.0006			0.0001	0.0000	0.0000	0.0000	0.0000	0.0005	-	0.0000
0.0008	0.0006	0.0007	0.0009	0.0007	0.0007	0.0005	0.0006	0.0007	0.0007	0.0007	0.0007	0.0010	0.0005	0.0007	0.0006	0.0007	0.0007	0.0010	0.0007	0.0007	0.0007	0.0008	0.0006	0.0008	0.0006	0.0007	0.0009	0.0007	0.0004	0.0006	0.0007	0.0008	0.0010	0.0009	0.0007	0.0008	0.0007		0.0009
0.0122	0.0105	0.0121	0.0118	0.0129	0.0112	0.0045	0.0106	0.0107	0.0102	0.0125	0.0098	0.0160	0.0122	0.0134	0.0150	0.0100	0.0151	0.0125	0.0131	0.0140	0.0122	0.0123	0.0077	0.0116	0.0117	0.0121	0.0137	0.0126	0.0088	0.0109	0.0108	0.0125	0.0121	0.0114	0.0097	0.0080	0.0104	0.0129	0.0114
0.0025	0.0018	0.0025	0.0026	0.0025	0.0026	0.0012	0.0020	0.0025	0.0023	0.0030	0.0021	0.0031	0.0020	0.0025	0.0023	0.0024	0.0022	0.0032	0.0029	0.0029	0.0027	0.0030	0.0021	0.0029	0.0026	0.0027	0.0032	0.0026	0.0015	0.0027	0.0028	0.0031	0.0031	0.0029	0.0031	0.0024	0.0025	0.0031	0.0030
0.0123	0.0125	0.0126	0.0127	0.0120	0.0134	0.0115	0.0133	0.0175	0.0128	0.1020	0.0139	0.0105	0.0114	0.0134	0.0129	0.0150	0.0163	0.0137	0.0166	0.0153	0.0155	0.0164	0.0161	0.0170	0.0152	0.0158	0.0163	0.0147	0.0202	0.0174	0.0294	0.0159	0.0148	0.0145	0.0194	0.0139	0.0146	0.0131	0.0134
0.0013	0.0005	0.000.0	6000.0	0.0000	0.0007	0.0001	0.0005	600000	0.0010	0.0013	900000	0.0003	0.0003	0.0004	0.0002	600000	0.0008	0.000.0	0.0005	600000	0.000.0	900000	0.000.0	0.0000	0.0008	0.0007	0.000.0	0.0003	0.000.0	600000	0.0007	0.0002	0.0003	0.0004	0.000.0	0.0005	0.0002	0.0000	6000.0
0.0106	0.0031	0.0078	0.0097	0.0086	0.0094	0.0016	0.0061	0.0081	9200.0	0.0112	0.0067	0.0143	0.0077	9900.0	0.0071	0.0089	0.0038	0.0118	0.0105	0.0108	0.0102	0.0109	0.0070	0.0105	0.0085	0.0103	0.0113	0.0103	0.0015	0.0097	0.0125	0.0130	0.0133	0.0118	0.0114	9900.0	9900.0	0.0153	0.0143
\vdash	0.0004	0.0007	600000	900000	600000	0.0003	900000	0.0008	0.0007	600000	900000	0.0012	0.0007	900000	0.0007	0.0008	0.0005	0.0010	600000	600000	600000		0.0007	600000	0.0008	600000						0.0011	0.0011	0.0010	0.0010	0.0007	0.0007		0.0012
-	0.0002	0.0002	0.000.0	0.000.0	0.0002	0.0001	0.000.0	0.0007	0.0015	0.0018	0.0013	0.0001	0.0013	0.0007	60000.0	0.000.0	0.0002	0.0007	0.0007	0.0004	6000.0	0.0010	0.0004	0.0008	0.0007	0.0011		0.0003	0.000.0			0.0010	0.0007	0.0007	9000.0	0.000.0	0.0002		0.0004
_	0.000.0	0.000.0	0.000.0	0.000.0	0.000.0	0.000.0	0.000.0	0.0002	0.0018	0.0025	0.0014	0.0000	0.0015	0.0002	0.0004	0.000.0	0.000.0	0.000.0	0.000.0	0.000.0	0.0000	0.0003	0.000.0	0.0004	0.0001	0.0005			0.000.0			0.0001	0.0003	0.000.0	0.000.0	0.000.0	0.000.0		0.000.0
\vdash	0.0003	0.0008	0.0008	0.0009	0.0010	0.0000	0.0004	0.0009	0.0007	0.0015 (0.0006	0.0012	0.0007	0.0008	0.0008	0.0008	0.0004	0.0015 (0.0013	0.0011	0.0009	0.0013 (0.0008	0.0010	0.0011	0.0013 (0.0002			0.0015 (0.0012	0.0009	0.0010	0.0004	0.0005		0.0010
-	0.0013 (0.0025 (0.0029	0.0026	0.0029	0.0003	0.0017	0.0027	0.0023	0.0038	0.0022	0.0041	0.0025 (0.0019	0.0022	0.0035	0.0019 (0.0042	0.0042	0.0044 (0.0041	0.0041 (0.0035	0.0044 (0.0037	0.0042		0.0041	0.0004			0.0044 (0.0049	0.0042	0.0044 (0.0022	0.0027		0.0053
-	0.0003	0.0009	0.0020	0.0003	6000.0	0.0002	0.0029	0.0007	0.0010	0.0019 (0.0007	0.0008	0.0011	0.0013 (0.0008	0.0026	0.0009	0.0129 (0.0008	0.0009	0.0010	0.0013 (0.0007	0.0011	0.0012 (0.0008	_	-	9000.0		_	0.0012 (0.0011	0.0013 (0.0006	0.0005	-	0.0015 (
_	0.0004 C	0.0031	0.0038	0.0035	0.0029 C	0.0004 C	0.0022	0.0034 C	0.0042 C	0.0061 C	0.0029	0.0057 C	0.0040	0.0036	0.0032	0.0046 C	0.0021 C	0.0063	0.0060	0.0055 C	0.0054	0.0063	0.0045 C	0.0061 C	0.0049 C	0.0063 C		0.0051	0.0010			0.0064	0.0064	0.0046 C	0.0056	0.0032 C			0.0062
\vdash	0.0006	0.0006	0.0011 0	0.0008	0.0011 0	0.0005 0	0.0007	0.0009	0.0010 0	0.0007	0.0008	0.0013 0	0.0008	0.0010 0	0.0008	0.0006	0.0003 0	0.0020	0.0017 0	0.0015 0	0.0015 0	0.0017 0	0.0015 0	0.0020	0.0016 0	0.0015 0			0.0005			0.0023 0	0.0031 0	0.0010	0.0013 0	0.0010			0.0017 0
\vdash	0.9766 0	1.7442 0	2.5844 0	2.0973 0	1.9496 0	0.4731 0	1.5580 0	1.8235 0	1.8002 0	2.5989 0	1.5281 0	2.9122 0	1.7767 0	1.5169 0	.5717	2.0100 0	1.1490 0	5.0035 0	3.9779 0	3.8308 0	3.7330 0	4.2410 0	3.1740 0	4.5912 0	3.8993 0	4.3072 0	3.9651 0		_		4.0998 0	4.7707 0	5.9409 0	3.1210 0	2.8607 0	1.6925 0	1.7182 0		3.5476 0
		0.0417 1.	0.0449 2.	0.0408 2.		0.0510 0.	0.0430 1.	0.0418 1.	0.0435 1.	0.0441 2.	0.0428 1.	0.0354 2.	0.0372 1.	0.0514 1.	0.0503 1.	0.0419 2.	0.0674 1.	0.0511 5.	0.0432 3.	0.0419 3.	0.0411 3.	0.0486 4.				0.0555 4.						0.0508 4.	0.0528 5.		0.0471 2.	0.0520 1.	0.0519 1.		0.0396 3.
\vdash																																							_
\vdash	0.0001	0.0030	0.0042	0.0031	0.0048	0.0000	0.0014	0.0026	0.0035	0.0074	0.0003	0.0032	0.0000	0.0016	0.0027	0.0048	0.0032	0.0050	0.0062	0.0075	0900.0	0.0071	0.0044	0.0070	0.0048	0.0000			0.0000			0.0087	0.0057	0.0052	0.0069	0.0012	0.0020		0.0071
0.3278	0.1154	0.2849	0.2771	0.2530	0.2807	0.0378	0.2123	0.2468	0.2724	0.3361	0.2105	0.4197	0.2566	0.2084	0.2520	0.2723	0.1977	0.4319	0.3812	0.3940	0.3327	0.3878	0.2711	0.3941	0.3332	0.3528	0.3962	0.3384	0.0669	0.3134	0.3528	0.4046	0.4554	0.3573	0.3370	0.2064	0.2411	0.4122	0.3705
0.0431	0.0427	0.0000	0.0464	0.1549	0.0008	0.0000	0.0094	0.0216	0.0000	0.1905	0.0100	0.0209	0.0231	0.0812	0.0169	0.0000	0.0000	0.0406	0.0321	0.0000	0.0614	0.0000	0.0000	0.0000	0.0374	0.1104	0.0410	0.0923	0.0136	0.0000	0.1368	0.0018	0.0642	0.0000	0.0000	0.0000	0.0140	0.1803	0.1161
6.8685	14.8717	9.4128	8.5435	8.2526	9.4159	16.0256	10.6745	9.5765	9.4676	6.0054	10.8260	2.8848	7.8532	11.0180	9.6541	12.5375	15.8580	8.5674	11.0488	9.3891	10.3281	9.6856	10.9118	8.1705	10.3235	8.9084	9.4579	7.3543	24.6278	12.6582	9.2416	9.1471	6.9388	10.0130	15.8203	17.0606	14.7354	5.0281	6.7252
\Box	9785	9826	9787	9788		9260	9791	9792	9793	9794	9795	9626	2626	8626	6626	0086	9801	9802	9803	9804	9805	9086	, 2086	8086	6086	9810						9816	9817	9818	9819	9820	9821		9823
18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101

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9858 10.0762 9859 9.7350 9860 10.5145 9861 13.5907	0.2826	0.0037 0.		2.6042 0.00	0.0013 0.0042	2 0.0008	0.0034	0.0008	0.0000	0.0001 0	0.0009	0.0101 0.	0.0000 0.0	0.0172 0.00	0.0027 0.0144	4 0.0007	0.0001
9860 10.5145 9861 13.5907	0.2934	0.0043 0.	0.0389 2.4	.4467 0.00	0.0010 0.0043	3 0.0009	0.0035	0.0008	0.000.0	0.0004 0	0.0008	0.0093 0.	0.0000 0.0	0.0197 0.00	0.0028 0.0119	9 0.0008	0.0000
9860 10.5145 9861 13.5907	0.2431	0.0032 0.	0.0369 2.2	.2433 0.0009	009 0.0034	4 0.0007	0.0031	0.0010	0.000.0	0.0002 0	0.0008	0.0089 0.	0.0001 0.0	0.0215 0.00	0.0024 0.0113	3 0.0007	0.0003
9861 13.5907	0.2262	0.0017 0.	0.0361 2.0	.0776 0.00	0.0009 0.0034	4 0.0004	0.0031	0.0004	0.0001 0	0.0005	0.0007	0.0073 0.	0.0005 0.0	0.0202 0.00	0.0022 0.0108	8 0.0006	0.0000
1000	0.1792	0.0018 0.	0.0285 1.9	1.9757 0.00	0.0005 0.0031	1 0.0011	0.0030	0.0007	0.0004 0	0.0008	0.0006	0.0068 0.	0.0000 0.0	0.0852 0.00	0.0025 0.0075	5 0.0005	0.0002
3862	0.3001		0.0352 3.3	-	0.0014 0.0054	4 0.0014		0.0010	0.0002	0.0010	0.0010	0.0114 0.		0.0148 0.00	0.0029 0.0118		0.0000
9863 12.3095	0.2583		-		-	-		-	-	-	-		-	-		-	0.0000
18101 9864 14.6589 0.0651	0.1710	0.0037 0.	0.0216 1.3	1.3257 0.0004	0.0033	3 0.0008	0.0028	0.0009	0.0002	0.0007	0.0006	0.0061 0.	0.0012 0.1	0.1552 0.00	0.0026 0.0069	9 0.0005	0.0000

9 0	2	_	4	0	œ	_	4	0	_	0	က	0	0	_	2	0	က	0	0	0	_	_	0	0	_	0	_	က	_	0	0	_	2	0	0	0	9	4
0.0006	0.0005	0.0001	0.0004	0.0000	0.0008	0.0001	0.0004	0.0000	0.0001	0.0000	0.0003	0.0000	0.0000	0.0007	0.0005	0.0000	0.0003	0.0000	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0001	0.0013	0.0001	0.0000	0.0000	0.0011	0.0005	0.0000	0.0000	-	-	0.0004
0.0006	0.0002	0.0000	0.0002	0.0008	0.0001	0.0003	0.0007	0.0007	0.0008	0.0008	0.0008	0.0005	0.0009	0.0003	0.0003	0.0005	0.0002	0.0004	0.0006	0.0006	0.0005	0.0006	0.0005	0.0007	0.0007	0.0010	0.0008	0.0005	0.0008	0.0008	0.0006	0.0003	0.0000	0.0007	0.0005	0.0005	0.0006	0.0005
0.0083	0.0000	0.0127	0.0000	0.0149	0.0000	0.0042	0.0149	0.0146	0.0147	0.0145	0.0135	0.0109	0.0130	0.0068	0.0046	0.0025	0.0034	0.0011	0.0087	0.0091	0.0078	0.0094	0.0079	0.0110	9600.0	0.0106	0.0115	0.0166	0.0110	0.0114	0.0093	0.0143	0.0000	0.0106	0.0064	9600.0	0.0114	0.0083
0.0025	0.0018	0.0041	0.0017	0.0029	0.0020	0.0019	0.0027	0.0029	0.0031	0.0029	0.0030	0.0033	0.0029	0.0023	0.0022	0.0025	0.0017	0.0019	0.0024	0.0025	0.0024	0.0024	0.0020	0.0028	0.0029	0.0031	0.0029	0.0028	0.0031	0.0030	0.0022	0.0020	0.0020	0.0028	0.0021	0.0024	0.0025	0.0026
0.0802	0.1588	1.4957	0.1502	0.0202	0.1765	0.1338	0.0150	0.0777	0.0769	0.0294	0.0466	0.1294	0.0202	0.0993	0.1307	0.1257	0.1561	0.1447	0.0133	0.0127	0.0114	0.0126	0.0293	0.0450	0.0702	0.0172	0.0178	0.0219	0.0167	0.0199	0.0162	0.1186	0.2186	0.0139	9960.0	0.0776	0.0232	0.1229
0.0014	0.0009	0.0151	0.0001	0.0003	0.0004	0.0015	0.0005	0.0019	0.0023	0.0005	0.0008	9000.0	0.0000	60000.0	0.0003	0.0003	0.0012	0.0011	0.000.0	0.0010	0.000.0	0.0004	0.0008	0.0016	0.0013	0.0015	9000.0	0.000.0	0.0005	0.000.0	0.0008	0.0003	0.0005	9000.0	0.0014	0.0005	0.0002	0.0019
0.0087	-	0.0082	0.0002	0.0125	0.0001	0.0026	0.0102	0.0112	0.0123	0.0103	9600.0	0.0089	0.0123	0.0051	0.0029	0.0036	0.0019	0.0028	0.0081	0.0083	0.0072	0.0085	0.0056	0.0093	0.0100		0.0110	0.0091	0.0130	0.0127	0600.0	0.0024	0.0001	0.0133	0.0056	-	-	0.0058
0.0007	+	0.0005	0.0001	0.0010	0.0001	0.0003	0.0009	0.0010	0.0010	0.0009	0.0008	0.0008	0.0010	0.0005	0.0003	0.0004	0.0003	0.0003	0.0008	0.0008	0.0007	0.0008	0.0006	0.0008	0.0009	0.0013 (0.0010	0.0008	0.0011 (0.0011	0.0008	0.0003	0.0001	0.0011	0.0006	_	-	0.0006
0.0002 0	-	0.0023 0	0.0009	0.0003	0.0009	0.0009	0.0006	0.0001	0.0007	0.0005	0.0005 0	0.0011 0	0.0012 0	0.0010 0	0.0012 0	0.0009	0.0007	0.0007	0.0003	0.0000	0.0005	0.0003	0.0000	0.0005 0	0.0002 0	0.0000	0.0007	0.0003	0.0002 0	0.0005 0	0.0000	0.0005 0	0.0006	0.0002 0	0.0009			0.0007
0.0000 0	-	0.0017 0	0.0005 0	0.000.0	0.0005 0	0.0007		0.0000	0.000.0		0.0000	0.0006	0.0006	0.0004 0	0.0009	0.0005 0	0.0003 0	0.0004 0	0.0000	0.0000	0.000.0	0.000.0	0.000.0	0.000.0	0.000.0			0.0001 0	0.000.0	0.000.0		0.0002 0	0.0001 0	0.000.0	0.0001 0		-	0.0003
0.0009 0	+	0.0032 0	0.0004	0.0011 0	0.0007	0.0006	0.0007	0.0009	0.0011 0	0.0007	0.0009	0.0012 0	0.0015 0	0.0009	0.0008	0.0009	0.0006	0.0007	0.0008	0.0008	0.0005	0.0007	0.0004	0.0008	0.0007	0.0012 0	0.0010	0.0009	0.0011 0	0.0010		0.0004	0.0007	0.0010	0.0007	-	-	0.0008
0.0038 0.	-	0.0036 0.	0.0008 0.	0.0040 0.	0.0009 0.	0.0009 0.	0.0039 0.	0.0039 0.	0.0043 0.	0.0035 0.	0.0034 0.	0.0043 0.	0.0041 0.	0.0025 0.	0.0019 0.	0.0020 0.	0.0010 0.	0.0015 0.	0.0030 0.	0.0031 0.	0.0028 0.	0.0025 0.	0.0017 0.	0.0036 0.	0.0040 0.	0.0045 0.	0.0041 0.	0.0040 0.	0.0049 0.	0.0042 0.	0.0034 0.	0.0016 0.	0.0008 0.	0.0039 0.	0.0022 0.	-	-	0.0028 0.
	-																																				-	_
0.0015	-	0.0055	0.0004	0.0010	0.0010	9000.0	0.0013	0.0256	0.0011	0.0007	0.0010	0.0022	0.0013	0.0014	0.0012	0.0012	0.0009	0.0010	0.0005	0.0010	0.0005	0.0005	0.0005	9000.0	0.0008	0.0011	0.0010	0.0011	0.0009	0.0008	0.0003	0.0010	0.0016	0.0008	0.0007	-	-	0.0010
0.0036	0.0010	0.0080	0.0005	0.0050	0.0004	0.0014	0.0044	0.0048	0.0048	0.0042	0.0039	0.0053	0.0059	0.0036	0.0021	0.0027	0.0021	0.0015	0.0034	0.0040	0.0043	0.0034	0.0019	0.0038	0.0049	0.0061	0.0051	0.0048	0.0064	0.0050	0.0039	0.0007	0.0014	0.0058	0.0024	0.0030	0.0029	0.0039
0.0004	0.0005	0.0008	0.0005	0.0012	900000	0.0005	0.0011	0.0008	0.0007	0.0000	900000	0.0010	0.0021	0.0004	0.0003	0.0005	0.0004	0.0004	0.0011	0.0010	0.0000	0.0008	0.0005	0.0011	0.0008	0.0018	0.0015	0.0012	0.0011	0.0019	0.0010	0.0004	900000	0.0013	0.0004	0.0006	0.0008	0.0004
2.2540	0.2400	1.4948	0.1388	2.7606	0.1459	0.5989	2.0355	2.3226	2.3457	2.0046	2.1560	3.7327	5.2361	2.4053	1.4431	1.5943	0.7366	0.7824	2.1983	2.5310	1.7139	2.1525	1.3575	2.1582	2.2797	3.6344	3.3578	2.6470	3.8340	3.5106	2.2990	0.5912	0.1608	2.9438	1.6334	1.8921	1.8764	1.3490
0.0269	-	0.0360	0.0063	0.0357	0.0071	0.0154	0.0416	0.0471	0.0484	0.0506	0.0456	0.0536	0.0495	0.0285	0.0277	0.0263	0.0210	0.0198	0.0419	0.0483	0.0572	0.0508	0.0495	0.0525	0.0534	0.0470	0.0462	0.0459	0.0436	0.0401	0.0321	0.0235	0.0088	0.0406	0.0329	0.0416	0.0436	0.0272
0.0043	-	0.0165	0.0000		0.0000	0.0014	0.0043	0.0037	0.0061	0.0045 (0.0037		0.0082	0.0047	0.0027	0.0033	0.0000	0.0020	0.0050	0.0044		0.0045	0.0002	0.0049	0.0065		0.0082	0.0041		0.0052 (0.0044	0.0001	0.0000	0.0049 (0.0025 (-	0.0046
0.2213 0	-		0.0005 0	0.3343 0	0.0000	0.0427 0	0.2665 0	0.3265 0	0.3285 0	0.2867 0	0.2749 0	0.3075 0	0.4001 0	0.1895 0	0.1260 0	0.1393 0	0.0385 0	0.0681 0	0.2230 0	0.2270 0	0.2137 0	0.2162 0	0.1249 0	0.2328 0	0.2858 0		0.3377 0	0.3067 0	0.4074 0	0.3755 0	0.2623 0	0.0565 0	0.0000	0.3222 0	0.1287 0			0.1806 0
0.0000 0		0.3365 0	0.0000	0.0577 0	0.0245 0	0.0327 0	0.1048 0	0.0000			0.0401	0.1009 0	0.0842 0	0.0986 0	0.0223 0	0.0000	0.0436 0	0.0000	0.0312 0	0.0785 0	0.0396 0	0.1032 0	0.0934 0	0.0860	0.1377 0	0.0123 0	0.0000	0.0000	0.0000	0.0000	0.0191 0	0.0267 0	0.0117 0	0.0478 0	0.0475 0		-	0.0228 0
12.3472 0.0 13.6008 0.0	-	19.5493 0.3	23.6902 0.0	6.8596 0.0	24.0043 0.0	19.8164 0.0	7.7396 0.	8.2453 0.0		8.8656 0.0	11.0756 0.0	11.9041 0.	7.1100 0.0	16.0705 0.0	18.1803 0.0	17.8694 0.0	20.6083 0.0	20.5779 0.0	11.1827 0.0	10.4017 0.0	11.5588 0.0	10.2500 0.	12.2268 0.0		8.7499 0.		10.3183 0.0	13.0286 0.0		8.9472 0.0	6.6882 0.0	17.3139 0.0	24.1762 0.0	8.7566 0.0	15.8738 0.0		-	15.8293 0.0
9865	9867	9868	9869	9870	9871	9872	9873	9874	9875	9876	9877	9879	9880	9881	9882	9883	9884	9885	9886	9887	9888	9889	9890	9891	9892	9893	9894	9895		9897	9898	9899	0066	9901	9902	9903	9904	9905
18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101

0.0002	0.0011	0.0004	0.0001	9000.0	0.0007	0.0000	0.0003	0.0002	0.0003	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008	0.0002	0.0002	0.0000	0.0003	0.0001
0.0004	0.0000	0.0004	0.0003	0.0002	0.0005	0.0005	0.0008	0.0007	0.0008	0.0007	0.0009	0.0009	0.0003	0.0009	0.0007	0.0009	9000.0	0.0007	0.0008	0.0007	0.0008	9000.0	0.0008	900000	9000.0	0.0007	0.0007
0.0073	0.0020	0.0032	0.0000	0.0017	0.0095	0.0102	0.0085	0.0140	0.0125	0.0131	0.0113	0.0127	0.0036	0.0098	0.0098	0.0097	0.0094	0.0114	0.0084	9600.0	0.0106	0.0119	0.0119	0.0104	0.0101	0.0111	0.0078
0.0026	0.0017	0.0022	0.0018	0.0018	0.0025	0.0025	0.0026	0.0028	0.0031	0.0028	0.0030	0.0031	0.0038	0.0030	0.0030	0.0030	0.0027	0.0027	0.0023	0.0025	0.0030	0.0029	0.0031	0.0025	0.0021	0.0029	0.0028
0.0886	0.1615	0.1299	0.1883	0.1469	0.0743	0.0575	0.0592	0.0277	0.0459	0.0642	0.0462	0.0339	0.8081	0.0187	0.0154	0.0237	0.0222	0.0166	0.0148	0.0185	0.0173	0.0159	0.0159	0.0175	0.0137	0.0158	0.0560
0.0005	0.0002	0.0007	0.0017	0.0008	0.0014	0.0002	0.0006	0.0000	0.0005	0.0014	0.0014	0.0010	0.0093	0.0007	0.0000	0.0001	0.0003	0.0000	0.0010	0.0004	0.0002	0.0000	0.0007	0.0009	0.0009	0.0004	0.0007
0.0060	0.0000	0.0037	0.0006	0.0011	0.0068	0.0060	0.0071	0.0096	0.0100	0.0105	0.0113	0.0146	0.0158	0.0111	0.0126	0.0093	0.0091	0.0102	0.0059	0.0065	0.0084	0.0099	0.0118	0.0057	0.0074	0.0097	0.0089
0.0006	0.0001	0.0004	0.0002	0.0002	0.0006	0.0006	0.0007	0.0009	0.0009	0.0009	0.0010	0.0012	0.0011	0.0009	0.0010	0.0008	0.0008	0.0009	0.0006	0.0006	0.0008	0.0009	0.0010	0.0006	0.0007	0.0009	0.0008
0.0010	0.0009	0.0009	0.0008	0.0010	0.0018	0.0011	0.0004	0.0003	0.0002	0.0001	0.0005	0.0006	0.0018	0.0011	0.0011	0.0012	0.0012	0.0007	0.0000	0.0001	0.0005	0.0005	0.0002	0.0005	0.0002	0.0003	0.0003
0.0003	900000	0.0002	0.0004	0.0007	0.0025	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	0.0006	0.0004	0.0008	0.0008	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0009	0.0006	0.0007	0.0007	0.0009	0.0010	0.0008	0.0011	0.0009	0.0011	0.0011	0.0009	0.0015	0.0031	0.0011	0.0015	0.0014	0.0012	0.0010	0.0005	900000	0.0012	0.0011	0.0010	0.0006	0.0006	0.0007	0.0009
0.0024	0.0010	0.0016	5 0.0015	0.0007	0.0025	0.0021	9 0.0022	3 0.0031	3 0.0032	0.0037	0.0043	0.0050	0.0057	0.0046	0.0046	0.0038	0.0036	0.0037	0.0021	3 0.0022	0.0032	0.0041	3 0.0044	0.0020	0.0029	3 0.0037	0.0027
0.0012	9 0.0012	3 0.0014	0.0045	0.0015	0.0062	3 0.0021	0.0009	3 0.0018	3 0.0013	5 0.0012	0.0011	3 0.0011	3 0.0040	0.0014	9 0.0012	7 0.0014	2 0.0011	0.0010	3 0.0005	3 0.0008	5 0.0009	3 0.0010	3 0.0013	900000	0.0007	9 0.0008	0.0010
0.0031	0.0009	5 0.0018	0.0011	0.0011	0.0032	3 0.0028	0.0034	0.0043	0.0043	0.0045	0.0051	9900.0	0.0088	3 0.0061	0.0059	0.0057	0.0052	0.0051	0.0028	0.0026	0.0045	3 0.0048	9 0.0048	0.0026	0.0040	0.0049	3 0.0040
0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0006	0.0005	0.0012	0.0012	0.0005	0.0010	0.0022	0.0012	0.0018	0.0020	0.0021	0.0019	0.0017	0.0005	0.0006	0.0011	0.0013	0.0009	0.0007	0.0010	0.0014	0.0008
1.4406	0.2340	0.7145	0.1893	0.3569	1.5300	1.3578	1.4482	2.5341	2.5643	2.1963	2.9707	5.1369	4.9265	4.3259	4.7056	4.0066	3.8829	3.9324	1.3007	1.4318	2.5953	3.2107	2.9360	1.1502	2.2613	2.6858	2.0969
0.0250	0.0000 0.0104	0.0174	0.0091	0.0142	0.0375	0.0030 0.0404	0.0376	0.0522	0.0532	0.0050 0.0446	0.0051 0.0416	0.0435	0.0154 0.0591	0.0463	0.0469	0.0058 0.0471	0.0470	0.0047 0.0424	0.0568	0.0028 0.0566	0.0044 0.0452	0.0442	0.0054 0.0475	0.0514	0.0034 0.0486	0.0475	0.0532
0.0028		0.0000	0.0013	0.0000	0.0034		0.0030	0.0059	0.0066			0.0068		0.0066	0.0086	0.0058	0.0061		0.0026			0.0052		0.0027		0.0057	0.0070
0.1640	0.0000	0.0842	0.0000	0.0420	0.1920	14.2950 0.0000 0.1866	0.1981	0.2816	0.2982	0.3036	10.2520 0.0651 0.3190	5.9556 0.1257 0.4093	10.4059 0.1906 0.4178	0.3554	0.3417	13.4419 0.0000 0.3590	0.3131	0.3388	14.7045 0.0000 0.1899	0.2219	0.3079	0.3243	10.0821 0.0000 0.3595	0.1935	0.2645	10.3694 0.0409 0.2975 0.0057 0.0475	15.7304 0.0258 0.2456
0.0370	23.1529 0.1266	19.9134 0.0193	23.6837 0.0859	0.0000	14.5124 0.0025	0.0000	12.6767 0.0019	9.8045 0.0153	10.4350 0.0000	8.9396 0.0000	0.0651	0.1257	0.1906	11.0488 0.0399	8.9925 0.0746	0.0000	13.1833 0.0241	10.4412 0.0288	0.0000	14.2580 0.0177	14.2311 0.0000	11.4722 0.0628	0.0000	18.4699 0.0364	12.0430 0.0122	0.0409	0.0258
9906 17.0886 0.0370 0.1640 0.0028 0.0250	23.1529	19.9134	23.6837	22.3228			12.6767	9.8045	10.4350			5.9556		11.0488	8.9925				14.7045	14.2580				18.4699	12.0430		15.7304
9066	2066	8066	6066	9910	9911	9912	9913	9914	9915	9916	9917	9918	9919	9920	9921	9922	9923	9924	9356	9927	9928	9929	9930	9931	9932	9933	9934
18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101	18101

		1.2953	6.7068	20 7045						011	1				000)
				2	0.0962	0.7802	3.4938	9.8905	0.0632	0.2752	0.0027	0.0064	0.0215	1.8790	0.0008	0.0052	0.0014	0.0049
	0.3056 (0.3241	1.2790	4.7278	0.0274	0.4763	0.8722	33.3351	0.0000	0.0554	0.0000	0.0006	0.0269	0.6719	0.0003	0.0036	0.0032	0.0066
	0.2630	0.3018	0.3522	2.7447	0.0804	0.4010	0.2859	36.8350	0.0000	0.0245	0.0000	0.0000	0.0691	0.0000	0.0002	0.0042	0.0037	0.0062
	0.2257 (0.9171	0.1531	1.9920	0.0426	2.5887	0.1217	36.6983	0.0000	0.0092	0.0000	0.0000	0.0325	0.0297	0.0002	0.0048	0.0031	0.0057
	0.3327	99990	0.4833	3.0924	0.000.0	0.2725	0.3678	35.1868	0.0000	0.0272	0.0000	0.0000	0.0263	0.1720	0.0002	0.0040	0.0039	0.0066
	0.2634 (0.3038	0.3515	2.8693	0.000.0	0.4953	0.3134	36.6040	0.0000	0.0251	0.0000	0.0000	0.0195	0.4545	0.0002	0.0047	0.0034	0.0061
~:	0.3044	0.3416	0.1487	2.3037	0.000.0	0.2789	0.1662	37.6919	0.0000	0.0148	0.0000	0.0000	0.0213	0.1181	0.0002	0.0052	0.0037	0900.0
o.	0.2764 (0.5792	0.4599	4.2407	0.000.0	0.2714	0.3835	35.6511	0.0000	0.0272	0.0000	0.0001	0.0230	0.2295	0.0002	0.0045	0.0029	0.0059
0	0.3523 (0.8008	0.5157	3.4583	0.0393	0.2744	0.3640	35.0054	0.0000	0.0338	0.0000	0.0000	0.0198	0.2744	0.0002	0.0042	0.0035	0900.0
o.	0.2984	0.5875	0.5262	3.6656	0.0021	0.3798	0.4101	35.3366	0.0000	0.0283	0.0000	0.0000	0.0186	0.3923	0.0002	0.0041	0.0032	0.0061
o.	0.5235 (0.8665	6.7105	22.1829	0.0682	1.4347	4.1729	1.0998	0.0000	0.3113	0.1492	0.0050	0.0196	3.1944	0.0016	0.0213	0.000.0	0.0044
o.	0.4192	1.3633	5.1729	20.6798	0.0584	2.6431	3.6651	3.0190	0.0000	0.2795	0.0365	0.0100	0.0197	4.1479	0.0020	0.0135	0.000.0	0.0062
o.	0.4754	1.7561	5.7024	22.9262	0.0787	1.8313	3.4938	4.8240	0.0206	0.2783	0.0759	0.0076	0.0223	3.1655	0.0015	0.0157	0.0000	0.0041
o.	0.4586	1.0300	4.8988	23.5691	0.1034	1.9773	3.4051	1.5710	0.0089	0.2969	0.1689	0.0045	0.0232	3.2943	0.0016	0.0262	0.000.0	0.1787
o.	0.4894	0.8912	4.6813	23.6832	0.0524	1.7290	3.1450	2.0201	0.0028	0.2692	0.0464	0.0085	0.0209	3.1133	0.0015	0.0130	0.000.0	0.0050
o.	0.5273	0.7378	4.0389	26.0850	0.0710	1.4905	2.9290	1.4759	0.0000	0.2719	0.0936	0.0080	0.0253	2.8969	0.0014	0.0241	0.000.0	0.0088
o.	0.4780	1.2305	4.7325	27.9574	0.0668	1.8361	2.9960	1.5139	0.0000	0.2684	0.1031	0.0070	0.0238	2.9357	0.0015	0.0251	0.000.0	0.0080
o.	0.4454	1.0464	3.9611	29.9784	0.0703	1.7304	2.5466	1.3088	0.0000	0.2257	0.1201	0.0068	0.0247	2.6714	0.0014	0.0253	0.000.0	0.0046
o.	0.3950	1.0931	4.2755	28.8250	0.0915	2.3613	2.7960	1.4697	0.0000	0.2559	0.1213	0.0066	0.0229	3.2351	0.0016	0.0262	0.000.0	0.0460
10602 0.	0.2665	1.1314	3.8200	26.2179	0.0630	3.8651	2.3734	2.4064	0.0000	0.2401	0.0217	0.0108	0.0208	4.3596	0.0021	0.0175	0.000.0	0.0053
10603 0.	0.5096	1.7418	4.8208	28.4609	0.0591	0.8931	2.9238	3.4815	0.0109	0.2978	0.0121	9600.0	0.0294	2.3338	0.0011	0.0123	0.000.0	0.0037
				22.1226	9.000	0.4271	2.2867	8.6973	0.0808	0.2916	0.0037	0.0075	0.0358	1.7526	0.0008	0.0066	0.0024	0.0071
		2.6886	4.5025	19.1840	0.0653	0.4562	2.4571	10.9585	0.1290	0.3082	0.0023	0.0065	0.0335	1.8393	0.0008	0.0054	0.0023	0.0071
10606 0.		3.3776		16.4101	0.0930	0.5527	1.5482	14.0224	0.1059	0.2412	0.0032	0.0056	0.0380	1.4894	0.0007	0.0057	0.0019	0.0080
o.	0.4677	3.5640	4.6636	21.2035	0.0652	0.4088	2.7069	9.7484	0.1136	0.3087	0.0027	0.0070	0.0343	1.6395	0.0008	0.0061	0.0027	0.0067
10608 0.	0.4893	3.5541	3.4784	16.4493	0.0695	0.9861	1.9465	10.6375	0.0751	0.2420	0.0032	0.0060	0.0349	2.0477	0.0009	0.0048	0.0021	0.0072
		3.7156		15.9492	0.0987	1.2878	1.7066	14.0211	0.1005	0.2186	0.0038	0.0057	0.0377	1.3865	0.0007	0.0059	0.0012	0.0068
10610 0.	0.4189	2.3882	3.0358	15.4487	0.0612	0.5315	1.8569	13.2306	0.0827	0.2214	0.0058	0.0061	0.0388	1.5050	0.0007	0.0068	0.0013	0.0085
10611 0.	0.5073	2.4176	3.7234	20.9071	0.0692	0.5824	2.1065	8.0576	0.1488	0.2111	0.0000	0.0073	0.0359	1.3678	0.0007	0.0065	0.0024	0.0077
10612 0.	0.5874	1.4844	2.8861	22.4610	0.0747	0.3983	1.7323	6.6392	0.0442	0.1430	0.0000	0.0087	0.0380	0.9015	0.0006	0.0070	0.0028	0.0080
10613 0.	0.5351	2.0996	3.9710	23.7769	0.0742	0.3329	2.3803	6.7538	0.1082	0.2626	0.0057	0.0084	0.0352	1.2553	0.0007	0.0066	0.0033	0.0089
	0.6311	2.2946	3.4955	22.9623	0.0882	0.2551	2.0915	6.7801	0.0709	0.2403	0.0058	0.0074	0.0360	1.1919	0.0006	0.0068	0.0033	0.0087
10615 0.	0.5415	2.6290	2.8091	24.5363	0.0812	0.3169	1.6272	7.0299	0.0964	0.3035	0.0037	0.0077	0.0381	0.9656	0.0005	0.0069	0.0029	0.0078
10616 0.	0.5026	2.3970	1.8541	17.3870	0.0692	0.2016	1.1997	11.5097	0.1014	0.1830	0.0068	0.0068	0.0433	0.8250	0.0005	0.0070	0.0019	0.0093
10617 0.	0.4788	3.0846	3.2344	22.2494	0.0818	0.2146	1.8295	10.2694	0.0939	0.2488	0.0058	0.0076	0.0404	1.0451	0.0006	0.0072	0.0023	0.0078
o.	0.4872	2.0572	3.1840	20.8312	0.0749	1.0752	1.9373	7.7405	0.0339	0.2432	0.0045	0.0073	0.0327	1.5751	0.0008	0.0062	0.0023	0.0074
o.		1.0827		10.5777	0.0238	0.3920	0.9825	25.9561	0.0587	0.1358	0.0009	0.0032	0.0266	0.7158	0.0003	0.0038	0.0020	0.0058
o.		1.8705			0.0646	0.7773	2.2969	8968.9	0.1012	0.2607	0.0038	0.0073	0.0347	1.6913	0.0008	0.0066	0.0027	0.0070
o.	0.5040	2.8711	4.0828	22.6564	0.0722	0.2925	2.2693	8.3141	0.0852	0.2953	0.0059	0.0070	0.0380	1.3166	0.0007	0.0068	0.0030	0.0078

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0.0087	0.0066	0.0076	0.0072	0.0081	0.0059	0.0061	0.0079	0.0073	0.0071	0.0077	0.0081	0.0068	0.0070	0.0064	0.0072	0.0068	0.0062	0.0065	0.0077	0.0073	0.0071	0.0068	0.0080	0.0075	0.0059	0.0073	0.0077	0.0074	0.0070	0.0075	0.0073	0.0078	0.0076	0.0068	0.0069	0.0077	0.0078	0.0078	0.0074
0.0011	0.0013	0.0005	0.0005	0.0033	0.0031	0.0038	0.0024	0.0028	0.0027	0.0016	0.0028	0.0023	0.0027	0.0025	0.0028	0.0017	0.0029	0.0022	0.0024	0.0023	0.0028	0.0019	0.0025	0.0025	0.0028	0.0013	0.0014	0.0030	0.0026	0.0014	0.0026	0.0018	0.0023	0.0030	0.0017	0.0025	0.0019	0.0004	0.0023
0.0064	9900.0	0.0000	0.0072	0.0047	0.0032	0.0039	0.0044	0.0040	0.0044	0.0054	0.0046	0.0042	0.0042	0.0039	0.0042	0.0048	0.0040	0.0042	0.0042	0.0038	0.0032	0.0041	0.0046	0.0038	0.0041	0.0057	0.0061	0.0040	0.0045	0.0049	0.0038	0.0045	0.0043	0.0039	0.0048	0.0043	0.0048	0.0063	0.0043
0.0003	0.0004	0.0004	0.0003	0.0015	0.0013	0.0012	0.0010	0.0011	0.0012	0.0010	0.0015	0.0011	0.0013	0.0013	0.0014	0.0011	0.0014	0.0011	0.0013	0.0013	0.0013	0.0011	0.0010	0.0011	0.0010	0.0008	900000	0.0010	0.0010	0.0008	0.0011	60000.0	0.0011	0.0014	0.0010	0.0010	60000.0	0.0005	0.0010
0.3701	0.5337	0.6001	0.3326	3.1459	2.8086	2.5139	2.2163	2.3492	2.7365	2.1883	3.2143	2.5360	2.9301	2.9962	3.0687	2.9004	3.0504	2.7308	3.0583	3.3158	3.2181	2.6478	2.1895	2.5940	2.3366	1.7862	1.2391	2.2960	2.3874	1.8322	2.6158	2.3063	2.7860	3.1062	2.4044	2.4820	2.1425	0.9617	2.3732
0.0407	0.0400	0.0395	0.0423	0.0277	0.0278	0.0288	0.0335	0.0314	0.0326	0.0387	0.0278	0.0326	0.0306	0.0300	0.0276	0.0326	0.0276	0.0290	0.0287	0.0307	0.0251	0.0312	0.0310	0.0295	0.0310	0.0315	0.0345	0.0280	0.0317	0.0331	0.0259	0.0308	0.0299	0.0245	0.0295	0.0283	0.0301	0.0355	0.0290
0.0000	0.0063	0.0051	0.0048	0.0078	0.0065	0.0067	0.0056	0.0064	0.000.0	0.0058	9800.0	0900.0	0.0000	0.0064	0.0079	0.0000	0.0072	0.0064	9900.0	0.0061	0.0065	0.0049	0.0065	0.0055	0.0055	0.0064	0.0063	0.0065	0.0064	0.0047	0.0071	0.0047	0.0065	0.0083	0.0057	0.0064	0.0059	0.0044	0.0070
0.0107	0.0076	0.0022	0.0084	0.0047	0.0016	0.0023	0.0032	0.0022	0.000.0	0.0036	0.0025	0.0012	0.0014	0.0026	0.0016	0.0041	0.0019	0.0023	0.0023	0.0033	0.0034	0.0039	0.0022	0.0039	0.0039	0.0049	0.0042	0.000.0	0.0035	0.0039	0.0003		0.0025	0.0021	0.0016	0.0024	0.0020	0.0059	0.0011
0.0431	0.1256	0.1996	0.0597	0.3934	0.3283	0.3337	0.2851	3.2965	0.3477	0.2538	0.3663	0.2867	0.3357	0.3145	0.3477	0.2148	0.3383	0.2601	0.2696	0.2499	0.2677	0.2014	0.2939	0.2217	0.2531	0.1837	0.2074	0.3498	0.2500	0.1727	0.2984	0.2731	0.2649	0.3423	0.2569	0.2845	0.2463	0.1081	0.2766
0.0000	0.0441	0.0932	0.0000	0.0531	0.0247	0.0153 (0.0473	0.0423	0.0850	0.1041 (0.0666	0.0416	0.0496	0.0423	0.0413	0.0510	0.0293	0.0733	0.0773	0.0393	0.0166	0.0727	0.0719	0.0666	0.0775	0.0611	0.0520	0.0937	0.0856	0.0518	0.0898	0.0871	0.0653	0.0334 (0.0737	0.0541	0.0826	0.0202	0.0781
13.2534		15.9939	17.8914 (4.6830 (0.889.9	6.5723	12.3173 (11.0200	6980.6	13.9933	5.8454 (11.2275 (8.6034	9.0919	5.9706	15.2570	7.7148 (12.5949 (11.5937	13.3683	12.1779 (15.9143	11.6872	13.5925 (14.2695	14.9910	15.7199 (9.1561 (12.9022	16.7759 (11.3936	15.5036	14.1728 (6.3528	13.6606	12.7022	15.3068 (12.1206
0.3641	0.7648 1:	0.8924	0.6684	4.8574	4.3339 6	4.5219 6	3.2791	3.6531 1	3.7970 9	5100	4.2666	3.0820 1	3.6210 8	3.2208	4.2377	2.1885 1	3.6771 7	3.0016 13	3.0318 1	2.6181	2.8361	2.0957	3.3688 1	3.0315 1	2.7713 1.	1.5951 1	.3563 1	3.1040 8	2.5055 1:	1.3996 1	3.0726 1	2.3264 1	2.6640 1	4.1540 6	2.6158 1:	2.8807	2.2014 1	0.9101	.8553 1
.3401 0	5278	0.1966 0	0.0856 0	0.4675 4	0.3730 4	0.0097	0.000.0	0.000.0	0.000.0	0.0191 2.	0.0000	0.000.0	0.000.0	0.000.0	0.000.0	0.0398 2	0.000.0	0.000.0	0.0052 3	0.0109 2	0.0000	0.0288 2	0.0011 3	0.000.0	0.0179 2	0.0519 1	0.0698 1	0.000.0	0.0198 2	0.0611 1	0.000.0	0.0258 2	0.0162 2	0.000.0	0.0140	0.0066 2	0.0330 2	0.0750 0	0.0097 2
0.0671	0.0740 0.	0.0573 0	0.0528 0		0.0502 0	0.0493 0	0.0631	_	_	0.0802	0.0456 0	0.0605 0	0.0645 0	0.0667		0.0541 0	0.0532 0	0.0700	0.0558 0	0.0661 0	0.0613 0	0.0517 0	0.0501	0.0466 0	0.0614 0	_	0.0818 0	0.0702 0		0.0749 0	0.0569 0	0.0712 0	0.0686	0.0440	0.0546 0	0.0630	0.0465 0		0.0617 0
13.5257 0.		13.9568 0.	13.5666 0.	19.3815 0.	19.4878 0.	20.5588 0.	16.3004 0.	17.8527 0.	20.3138 0.	16.5967 0.	19.8439 0.	16.7246 0.	19.5848 0.	18.4128 0.	19.9186 0.	13.4984 0.	20.6751 0.	16.3457 0.	15.5657 0.	14.0819 0.	15.8575 0.	12.5524 0.	16.2767 0.	14.7101 0.	15.1642 0.	15.3776 0.	15.7389 0.	18.5546 0.		11.6504 0.	16.8321 0.	12.6946 0.	14.0859 0.	20.7733 0.	15.0334 0.	16.0552 0.	13.6532 0.	_	16.2310 0.
0.5756 13.	1.2850 16.	1.3285 13.	0.9539 13.	6.4970 19.	7.3945 19.	7.6594 20.	5.4719 16.	6.1851 17.	6.5936 20.	4.2613 16.	6.8814 19.	5.5309 16.	6.4214 19.	5.8186 18.	6.8405 19.	3.8316 13.	6.3027 20.	5.2446 16.	5.0499 15.	4.4671 14.	4.7733 15.	3.7293 12.	5.0420 16.	4.9527 14.	4.6375 15.	2.9747 15.	2.3596 15.	5.2519 18.	4.4877 16.	2.5552 11.	5.1569 16.	4.0226 12.	4.2297 14.	6.6445 20.	4.6675 15.	5.0677 16.	3.6176 13.	1.4036 9.6	4.8200 16.
4.1915 0.5	5.5630 1.2	6.8942 1.3	7.9830 0.9	1.8741 6.4	4.0147 7.3	3.8244 7.6	4.9945 5.4	5.3658 6.1	4.4135 6.5	6.4074 4.2	2.8913 6.8	4.8548 5.5	4.6269 6.4	4.7727 5.8	3.4230 6.8	6.6343 3.8	4.0596 6.3	6.4003 5.2	4.8054 5.0	5.4339 4.4	5.8612 4.7	7.2947 3.7	4.9298 5.0	5.9954 4.9	6.0807 4.6	7.7051 2.9	7.8913 2.3	4.7733 5.2	5.7215 4.4	8.0155 2.5	5.1440 5.1	6.5682 4.0	6.5081 4.2	3.1431 6.6	6.1860 4.6	5.7309 5.0	6.7000 3.6		5.0786 4.8
_														_																									_
62 0.3778	63 0.4227	64 0.4109	65 0.4036	66 0.5861	67 0.5299	68 0.5367	69 0.4978	70 0.4948	71 0.5282	72 0.4661	73 0.5460	74 0.4652	75 0.5077	76 0.5037	77 0.5788	78 0.4447	79 0.4948	80 0.4811	81 0.4824	82 0.4721	83 0.4757	84 0.4325	85 0.4673	86 0.4552	87 0.4483	88 0.4203	89 0.4242	90 0.4982	91 0.4364	92 0.4283	93 0.4699	94 0.4593	95 0.4697	96 0.4868	97 0.4279	98 0.4675	99 0.4133	00 0.4142	01 0.4591
57 10662	57 10663	57 10664	57 10665	57 10666	57 10667	57 10668	57 10669	57 10670	57 10671	57 10672	57 10673	57 10674	57 10675	57 10676	57 10677	57 10678	57 10679	57 10680	57 10681	57 10682	57 10683	57 10684	57 10685	57 10686	57 10687	57 10688	57 10689	57 10690	57 10691	57 10692	57 10693	57 10694	57 10695	57 10696	57 10697	57 10698	57 10699	57 10700	57 10701
18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257

0.0081	0.0000	0.0081	0.0084	0.0071	0.0092	9900.0	0.0074	0.0080	0.0073	92000	0.0084	0.0073	9800.0	0.0058	0.0084	0.0064	0.0091	0.0000	0900.0	9900.0	0.0070	2900.0	0.0068	0.0062	2900.0	9/00.0	0.0061	0.0083	0.0062	6900.0	0.0079	0.0070	0.0075	0.0072	0.0064	0.0003	0.0073	0.0065	0.0073
0.0017 0.	0.0021 0.	0.0003	0.0020 0.	0.0007	0.0015 0.	0.0027 0.	0.0027 0.	0.0018 0.	0.0020	0.0012 0.	0.0016 0.	0.0026 0.	0.0025 0.	0.0031 0.		0.0032 0.	0.0012 0.	0.0032 0.	0.0029 0.	0.0026 0.	0.0025 0.	0.0027 0.	0.0035 0.	0.0033 0.	0.0029 0.	0.0025 0.	0.0035 0.	0.0008 0.	0.0034 0.	_	0.0039 0.	0.0026 0.	0.0028 0.	0.0013 0.		_	0.0025 0.	-	0.0024 0.
0.0050 0.	0.0044 0.	0.0064 0.	0.0048 0.	0.0064 0.	0.0060 0.	0.0045 0.	0.0043 0.	0.0049 0.	0.0049 0.	0.0052 0.	0.0054 0.	0.0038 0.	0.0044 0.	0.0032 0.		0.0036 0.	0.0056 0.	0.0033 0.	0.0028 0.	0.0031 0.	0.0032 0.	0.0033 0.	0.0021 0.	0.0020 0.	0.0025 0.	0.0031 0.	0.0016 0.	0.0055 0.	0.0021 0.		0.0012 0.	0.0035 0.	0.0032 0.	0.0043 0.	0.0054 0.		0.0037 0.		0.0038 0.0
-																	0.0006 0.0							0.0016 0.0									0.0010 0.0					-	
34 0.0009	0.0008	13 0.0003	38 0.0003	52 0.0003	99 0.0005	0.0012	26 0.0011	31 0.0008	31 0.0009	32 0.0005	33 0.0008	97 0.0014	35 0.0011	36 0.0020		15 0.0013		52 0.0017	73 0.0015	37 0.0015	38 0.0012	38 0.0015	94 0.0017		91 0.0011	12 0.0009	34 0.0008	30 0.0004	37 0.0016	-	55 0.0007			33 0.0006	73 0.0004	16 0.0001			74 0.0013
4 2.1884	3 2.0204	9 0.4743	5 0.3438	5 0.5252	1.0299	5 2.5500	4 2.4226	3 1.8631	5 2.0831	9 1.0982	4 1.9233	1 3.2597	7 2.3185	0 4.4536		1 2.6615	3 1.2342	3.8852	9 3.7773	3.7987	3.0968	3 3.7438	5 3.9894	3.8511	3 2.6491	5 2.4042	2.1084	9 0.6630	1 3.6167		7 1.7355	3 2.4887	1 2.6068	3 1.4463	7 0.8273	3 0.1416	0 2.3250	-	7 3.3774
0.0304	0.0333	0.0369	0.0356	0.0366	0.0362	0.0295	0.0304	0.0333	0.0316	0.0399	0.0394		0.0297	0.0270		0.0271	0.0453	0.0301	0.0259	0.0260	0.0300	0.0343	0.0295	0.0280	0.0403	0.0395	0.0240	0.0406	0.0311		0.0237	0.0288	0.0301	0.0273	0.0337	0.0203	0.0270		0.0237
0.0057	0.0054	0.0035	0.0037	0.0053	0.0059	0.0072	0.0072	0.0053	0.0051	0.0035	0.0051	0.0073	0.0069	0.0078	0.0076	0.0071	0.0037	0.0073	0.0062	0.0063	0.0051	0.0059	0.0064	0.0061	0.0036	0.0033	0.0042	0.0012	0.0059	0.0034	0.0040	0900'0	0.0057	0.0061	0.0045	0.0035	0.0056	0.0062	0.0067
0.0029	0.0034	0.0047	0.0079	0.0072	0.0052	0.0020	0.0025	0.0025	0.0048	0.0035	0.0024	0.0024	9000.0	0.0026	0.0035	0.0017	0.0054	0.0026	0.0015	0.0013	0.0020	0.0020	0.0013	0.0010	0.0018	0.0026	0.0000	0.0138	0.0023	0.0002	0.0000	0.0000	0.0016	0.0010	0.0037	0.0010	0.0027	0.0019	0.0021
0.2529	0.2026	0.1243	0.0604	0.0920	0.1575	0.3407	0.3046	0.2286	0.2633	0.1540	0.2411	0.2806	0.3473	0.3588	0.3381	0.3330	0.1637	0.3832	0.3005	0.2732	0.2092	0.2812	0.3241	0.3055	0.2070	0.1837	0.2100	0.1432	0.2829	0.1835	0.1981	0.3027	0.2450	0.1678	0.1453	0.0122	0.2202	0.2584	0.2477
0.0516	0.0593	0.0122	0.000.0	0.0027	0.0790	0.0400	0.0445	0.0612	0.0836	0.0168	0.0750	0.0664	0.0444	0.0613	0.0820	0.0275	0.0314	0.0619	0.0904	0.0920	0.0142	0.0593	0.0477	0.0760	0.0422	0.0955	0.0781	0.5168	0.0790	0.0627	0.0749	0.1089	0.1109	0.0501	0.0599	0.000.0	0.0665	0.0561	0.0877
14.8526	16.0911	20.1282	13.5304	18.2947	17.0724	8.7675	8.4084	15.7918	13.8957	20.4260	16.4861	12.0746	7.9838	5.5232	8.1798	4.8255	18.2768	7.2224	11.4853	13.1603	16.6506	12.8634	11.6485	11.9741	18.2041	21.8285	22.0580	21.2051	10.7463	20.9568	15.2174	12.8785	15.4965	21.4606	19.3177	23.3182	14.8968	12.3891	13.7148
1 2390	.8172	0.6167 2	0.8029 1	1.0567	1.6095 1	4.2283	.2329	2.4560 1	3.1960 1	1.2184 2	2.4018 1	3.2522 1	3.5027	3.9889		4.7207	1.5233 1	4.0183	3.1216 1	.5782	.9582	2.8234 1	3.6656 1	3.2868 1	.2766 1	2.2658 2	2.6806 2	0.9308 2			.9684	9277	2.4707	1.4074 2	1.3597 1	0.0000	.9990		2.4206 1
0.0267 2	0.0467	0.3019 0	0.0415 0	0.0919 1	0.0603 1	0.2719 4	0.1491 4	0.0327	0.2846 3	0.1739 1	0.0528 2	0.0118 3	0.000.0	0.000.0		0.000.0	0.0835 1	0.0000	0.0126 3	0.0397	0.0694	0.0243 2	0.0098	0.0108 3	0.0582 2	0.0673 2	0.5853 2	1.1066 0	0.000.0		0.0842 1	0.0262 2.	0.1496 2	5.5928 1	2.2910 1	18.6417 0	_	-	0.0334 2
0.0544 0.	0.0555 0.	0.0525 0.3	0.0815 0.	0.0739 0.	0.0906 0.0	0.0508 0.3	0.0599 0.	0.0638 0.	0.0613 0.	0.0736 0.	0.0733 0.	0.0665 0.	0.0574 0.	0.0423 0.		0.0415 0.	0.0594 0.	0.0481 0.0	0.0569 0.	0.0544 0.	0.0369 0.	0.0439 0.	0.0476 0.	0.0590 0.	0.0517 0.	0.0617 0.	0.0743 0.8	0.0499 1.	0.0564 0.		0.0952 0.	0.0778 0.	0.0645 0.	0.0509 5.8	0.0847 2.3	0.0000	0.0646 0.3	-	0.0835 0.
-																																							
3.7590 13.9941	3.2213 12.1100	15 9.2014	34 14.5555	32 13.2668	39 12.1692	6.5881 19.7314	18.0737	4.1001 14.0176	38 14.8086	18 9.2662	33 12.3828	5.5317 16.6475	5.0900 16.4027	7.1282 20.7521		36 21.4855	70 8.7034	6.6033 19.4147	5.8503 16.8284	4.7937 14.3015	98 11.5357	33 13.4258	16.4913	5.4558 15.9483	11.3719		35 12.2132	32 9.0189	36 17.1461		39 11.5300	16.0639		91 7.9730	13.0520	0.1459 0.0883	3.8234 13.7925		14.1772
		2 0.9515	1.2784	1.5662	0 2.1769		6 6.4102		8 5.0268	7 1.7948	2 3.5763					6 7.9386	2 2.0070				5 3.7698	5 4.7433	9 6.0408		5 3.8302			9 1.2632	8 6.1166		3 3.5369	7 5.3846	0 4.5031	5 2.4791	3 2.1110				3 4.2891
6.0282	6.4795	9.8262	5.7916	8.9712	6.6120	4.1145	3.7506	6.1824	5.5948	9.2887	5.4432	4.5243	2.2794	2.9364		3.2436	4.4522	2.3213	3.9703	4.4525	5.8085	3.5595	2.3999	3.1496	4.1345	2.9978	2.2663	3.2969	3.3528	6.1833	2.7193	4.0447	4.9280	3.6945	5.2153	0.2029	5.7860	5.0987	5.0813
0.4311	0.4276	0.4057	0.4947	0.4168	0.4746	0.4706	0.5115	0.4324	0.4487	0.4190	0.4682	0.4549	0.5848	0.4687	0.4348	0.5306	0.4515	0.4728	0.4569	0.4266	0.4180	0.4404	0.4536	0.4736	0.3983	0.4122	0.4005	0.3403	0.4555	0.4218	0.5759	0.5288	0.4628	0.2173	0.3651	0.0115	0.4501	0.4487	0.4879
10702	10703	10704	10705	10706	10707	10708	10709	10710	10711	10712	10713	10714	10715	10716	10717	10718	10719	10720	10721	10722	10723	10724	10725	10726	10727	10728	10729	10730	10731	10732	10733	10734	10735	10736	10737	10738	10739	10740	10741
18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257

0.0072	0.0083	0.0084	0.0059	0.0065	9200.0	0.0068	0.0000	9900.0	0.0073	9900.0	0.0075	0.0000	0.0074	0.0073	0.0093	0.0072	0.0064	0.0000	0.0065	0.0073	6900.0	0.0064	0.0060	0.0000	0.0077	0.0044	0.0072	0.0068	0.0063	0.0068	0.0082	0.0085	0.0067	0.0085	0.0064	0.0064	0.0000	0.0073	79000
		_	_	_				F	-																_			_			_								
0.0022	0.0034	0.0018	0.0006	0.0036	0.0013	0.0023	0.0027	0.0022	0.0029	0.0017	0.0021	0.0004	0.0029	0.0019	0.0023	0.0024	0.0025	0.0000	0.0031	0.0022	0.0026	0.0031	0.0021	0.0011	0.0016	0.0007	0.0027	0.0022	0.0029	0.0026	0.0028		0.0021	0.0012	0.0028	0.0030	0.0006	0.0022	,,,,,,
0.0041	0.0025	0.0049	0.0054	0.0019	0.0049	0.0037	0.0035	0.0045	0.0033	0.0045	0.0048	0.0011	0.0039	0.0052	0.0046	0.0039	0.0041	0.0016	0.0028	0.0048	0.0041	0.0030	0.0038	0.0065	0.0043	0.0038	0.0041	0.0041	0.0030	0.0044	0.0035	0.0057	0.0048	0.0058	0.0039	0.0038	0.0011	0.0042	0,000
0.0009	0.0014	0.0007	0.0003	0.0018	0.0008	0.0011	0.0012	0.0010	0.0013	9000.0	0.0010	0.0001	0.0009	0.0008	0.0009	0.0010	0.0012	0.0001	0.0019	0.0010	0.0013	0.0013	0.0008	0.0004	9000.0	0.0003	0.0011	0.0012	0.0016	0.0008	0.0011	0.0006	0.0009	0.0005	0.0011	0.0015	0.0001	0.0013	0,000
2.3891	3.1872	1.6419	0.4785	4.2443	1.8735	2.5545	2.8937	2.3020	3.0228	1.3454	2.2333	0.1026	2.1775	1.7816	2.2096	2.4696	2.9852	0.1369	4.0983	2.2673	3.1165	3.2298	2.0094	0.7320	1.2932	0.7127	2.7165	2.7615	3.6386	1.7516	2.4585	1.3555	1.9783	0.9641	2.6153	3.3711	0.1316	3.3552	0,000
0.0284	0.0233	0.0352	0.0330	0.0263	0.0351	0.0331	0.0282	0.0308	0.0265	0.0330	0.0302	0.0212	0.0278	0.0319	0.0310	0.0297	0.0228	0.0206	0.0278	0.0350	0.0254	0.0241	0.0259	0.0386	0.0323	0.0269	0.0319	0.0365	0.0305	0.0321	0.0278	0.0370	0.0357	0.0368	0.0308	0.0280	0.0197	0.0318	00000
0.0055	0.0068	0.0045	0.0040	0.0064	0.0044	0.0000	0.0059	0.0069	0.0071	0.0037	0.0069	0.0036	0.0071	0.0000	0.0063	0.0060	0.0074	0.0037	0.0068	0.0061	0.0068	0.0068	0.0058	0.0047	0.0031	0.0044	0.0065	0.0057	0.0064	0.0061	0.0065	0.0000	0.0054	0.0000	0.0064	0.0075	0.0035	0.0061	0100
0.0038	0.0012	0.0052	0.0071	0.0018	0.0032	0.0028	0.0019	0.0027	0.0015	0.0139	0.0040	0.0035	0.0020	0.0047	0.0018	0.0021	0.0009	0.0032	0.0015	0.0057	0.0021	0.0010	0.0024	0.0070	0.0023	0.0022	0.0033	0.0039	0.0022	0.0020	0.0033	0.0005	0.0032	0.0058	0.0000	0.0026	0.0004	0.0010	
0.2069	0.2685	0.1990	0.0654	0.3231	0.1493	0.2383	0.2537	0.2330	0.2830	0.1558	0.2307	0.0205	0.2487	0.2024	0.2425	0.2501	0.2503	0.0261	0.3277	0.2931	0.2865	0.2670	0.2283	0.1831	0.1940	0.1313	0.2358	0.2494	0.3215	0.2890	0.2644	0.2794	0.2594	0.1450	0.3695	0.3764	0.0199	0.2915	01100
0.0640	0.0426	0.0576	0.0382	0.0373	0.0366	0.0773	0.0532	0.0711	0.0254	0.4555	0.0764	0.0000	0.0521	0.0743	0.1039	0.0895	0.0657	0.0000	0.0269	0.1158	0.0725	9060.0	0.0675	0.1751	0.0944	0.0751	0.0837	0.0492		0.1210	0.1025	0.1074	0.0595	0.0537	0.0952	0.0501	0.0000	0.0424	0,000
16.5565	9.2166	17.1580	20.7531	7.9178	18.6963	14.0260	11.7735	13.5884	10.0773	15.9479	12.3303	23.4986	11.2268	13.7863	12.6490	13.0109	12.9159	24.0645	6.8992	11.4503	10.6398	10.8070	14.6243	16.9736	15.7618	19.6154	13.2747	13.5542	10.0409	11.7628	10.6109	14.9258	13.3406	5.3799	9.8259	5.8800	22.2720	14.5167	
1.6956	2.6585	1.5947	0.6268 2	3.2629	1.3383	2.1880	2.5728 1	2.4369 1	3.1542 1	1.4265 1	2.8976 1	0.0000	2.6244 1	2.3016 1	2.4427	2.3491	2.6798 1	0.0046 2	3.8753	3.0354 1	2.7717 1	2.8226	2.1469 1	1.2287	1.1889 1	0.7877	2.7974 1	2.8358 1		2.7861 1	2.7413 1	1.5859 1	2.4558 1	1.5438 1	3.1130	4.3270	0.0000	2.9309 1	
0.4964	0.000.0	0.1562	5.4292 (0.0143	0.3258	0.0785	0.0822	0.0638	0.0330	3.6520	0.4123	18.5972 (0.0759	0.4079	0.1957	0.2691	0.0588	18.5504 (0.4552	0.0162	0.0302	0.3733 2	5.6292	1.3372	2.1499	12.6139 (0.1680	0.3816	0.0000	2.0350	3.4425	1.9020	0.3150	3.4811	0.1542	0.0000	18.6491 (0.2557	
0.0818 0	0.0623 0	0.0584 0	0350	0.0508 0	0.0832 0	0.0697 0	0.0752 0	0.0761 0	0.0719 0	0.1340 3	0.0816 0	0.0000	0.0839 0	0.0948 0	0.0798 0	0.0875 0	0.0748 0	0.0000	0.0567 0	0.0864 0	0.0835 0	0.0592 0	0.1041 5	0.1072 1	0.1076 2	0.0805 12	0.0773 0	0.0739 0		0.0758 2	0.0934 3	0.1004	0.0780 0	0.0970	0.0706	0.0448 0	0.000.0	0 6890.0	0010
13.0212 0	13.6421 0	10.6631 0	8.9130 0.	17.4668 0	10.6259 0	14.2994 0	16.5969 0	17.0359 0	17.2421 0	13.7038 0	17.1796 0	0.0000	18.2143 0			15.9554 0	16.6220 0	0.0000	18.0576 0		18.1491 0	16.8482 0	13.0200 0	14.7580 0	9.5870 0	6.7871 0	16.0208 0	15.3774 0					17.1264 0	11.5126 0		21.2122 0			0,000,
3.3443 13	4.1603 13	2.7639 10	1.1737 8.	5.8040 17	2.7539 10	4.1500 14	4.5452 16	4.1239 17	5.0517 17	2.3826 13	4.7491 17	0.0000	4.5604 18	3.8890 16.9821	3.3390 12.9850	3.9694 15	4.6561 16	0.0000	6.1374 18	5.4251 17.7108	4.9424 18	4.9567 16	3.6513 13	1.9271 14	1.7652 9.	1.3829 6.	4.5267 16	4.9122 15	5.6093 17	4.7429 17.6847	3.5154 12.7602	2.2201 11.4305	4.0749 17	2.0793 11	5.5578 19.2535	7.0703 21	0.1419 0.1048	4.6385 13.7213	11000
6.3480 3.3	2.8083 4.	5.1026 2.	7.0853 1.	3.9640 5.8	7.2534 2.	5.7357 4.	4.6736 4.9	5.8593 4.	4.3773 5.0	6.3337 2.3	4.8461 4.	0.0000	4.2942 4.	5.4647 3.8	3.2316 3.3	5.4160 3.9	5.0648 4.0	0.0000	3.1963 6.	5.0839 5.4	5.4510 4.9	4.3846 4.9	4.6206 3.0	7.8236 1.9	4.9828 1.	4.7177 1.3	4.7202 4.9	5.3297 4.9			2.2757 3.9		5.3179 4.0	3.9688 2.0	4.2574 5.8	2.8655 7.0	0.0000	5.3066 4.0	
														_																									
0.4345	0.6081	0.4485	0.3091	0.5275	0.4430	0.4816	0.4872	0.4656	0.5367	0.3611	0.4893	0.0207	0.5313	0.4757	0.5438	0.4985	0.4706	0.0882	0.4994	0.4983	0.5076	0.4478	0.2804	0.4187	0.4627	0.1478	0.4551	0.4618	0.5028	0.3879	0.4026	0.4364	0.4571	0.3454	0.4798	0.4728	0.0000	0.4561	
10742	10743	10744	10745	10746	10747	10748	10749	10750	10751	10752	10753	10754	10755	10756	10757	10758	10759	10760	10761	10762	10763	10764	10765	10766	10767	10768	10769	10770	10771	10772	10773	10774	10775	10776	10777	10778	10779	10780	
18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	1100.

92	1	22	2	62	22	စ္တ	2	7	32	99	32	23	37	2	2	88	4	72	37	35	32	22	18	<u>6</u>	92	35	5	82	22	7	2	2	7	32	2	16	2	33	8
0.0076	0.0077	0.0075	0.0070	0.0079	0.0075	0.0080	0.0070	0.0071	0.0082	0.0066	0.0065	0.0073	0.0067	0.0072	0.0070	0.0068	0.0074	0.0064	0.0067	0.0065	0.0065	0.0075	0.0018	0.0049	0.0076	0.0065	0.0001	0.0078	0.0002	0.0091	0.0072	0.0072	0.0091	0.0082	0.0072	0.0016	0.0070	0.0073	0.0090
0.0018	0.0030	0.0011	0.0024	0.0027	0.0016	0.0023	0.0014	0.0032	0.0030	0.0018	0.0030	0.0021	0.0033	0.0026	0.0016	0.0026	0.0014	0.0031	0.0025	0.0030	0.0031	0.0019	0.0029	0.0012	0.0021	0.0028	0.000.0	0.0026	0.0006	0.0026	0.0017	0.0007	0.0013	0.0016	0.0019	0.0006	0.0017	0.0020	0.0011
0.0047	0.0022	0.0052	0.0037	0.0029	0.0051	0.0044	0.0044	0.0040	0.0026	0.0041	0.0034	0.0039	0.0031	0.0039	0.0046	0.0023	0.0052	0.0030	0.0034	0.0027	0.0027	0.0042	0.0000	0.0033	0.0045	0.0038	0.0023	0.0042	0.0013	0.0040	0.0057	0.0049	0.0054	0.0055	0.0047	0.0019	0.0051	0.0046	0.0055
0.0011	0.0008	0.0009	0.0012	0.0008	0.0008	0.0015 (0.0004	0.0015 (0.0005	0.0006	0.0009	0.0006	0.0013 (0.0011 (0.0007	0.0004	0.0006	0.0016	0.0012 (0.0014 (0.0017	0.0010	0.0001	0.0002	0.0011	0.0012 (0.0001	0.0013 (0.0001	0.0013 (0.0007	0.0003	0.0005	0.0006	0.0008	0.0001	-	0.0009	0.0009
2.7746 (1.8110 (2.2962	2.9755 (1.9117 (2.0191	3.7123 (0.7507	3.0284 (0.8958 (1.1341 (2.1061 (1.1256 (2.8988	2.4498 (1.5278 (0.6642	1.1953 (3.6964 (3.0343 (3.2809 (3.9576 (2.5950 (0.1314 (0.2447	2.7236 (3.0741 (0.1327 (2.9412 (0.1796 (3.0864 (1.5828 (0.3977	1.2310 (1.5162 (2.0993 (0.1141 (-	2.3224 (2.1975 (
0.0316	0.0280	0.0294	0.0335	0.0265	0.0328	0.0303	0.0336	0.0226	0.0350	0.0401	0.0334	0.0359	0.0269	0.0301	0.0320	0.0260	0.0371	0.0281	0.0252	0.0252	0.0236	0.0289	0.0192	0.0253 (0.0281	0.0274	0.0210	0.0269	0.0193 (0.0269	0.0333	0.0287	0.0307	0.0311	0.0294	0.0206		0.0273	0.0261
0.0051	0.0036	0.0045	0.0057	0.0045	0.0057	0.0070	0.0037	0.0089	0.0021	0.0029	0.0042	0.0032	0.0081	0.0062	0.0048	0.0035	0.0044	0.0070	0.0061	0.0065	0.0078	0.0048	0.0038	0.0033	0.0063	0.0063		0.0079	0.0033	0.0072	0.0064	0.0036	0.0052	0.0058	0.0059	0.0038		0.0063	0.0057
0.0038	0.0012	0.0038	0.0028	0.0013 (0.0048	0.0018	0.0062	0.0000	0.0089	0.0029	0.0006	0.0052 (0.0000	0.0001	0.0044 (0.0023	0.0047	0.0019	0.0031	0.0014 (0.0015 (0.0036	0.0002	0.0029 (0.0031	0.0021	0.0017	0.0021 (0.0018 (0.0028	0.0050	0.0013 (0.0034 (0.0036	0.0018 (0.0024 (_	0.0030	0.0045 (
0.2332 (0.1668 (0.1796 (0.2301	0.1855 (0.1778 (0.3262 (0.0986	0.4270	0.1491 (0.1581 (0.2947	0.1681 (0.3461 (0.2974 (0.1475 (0.0963	0.1992 (0.3147 (0.2405 (0.2534 (0.3215 (0.2021	9600.0	0.0764 (0.2441 (0.2732	0.0151 (0.2785 (0.0265 (0.2883 (0.2134 (0.1550 (0.1871 (0.2125 (0.2217 (0.0114 (-	0.2412 (0.1946 (
0.0836	0.0442	0.0203	0.0746	0.0187	0.0817	0.0506	0.0133	0.0000	0.0000	0.0806	0.0312	0.0291	0.0336	0.0491	0.0406	0.0101	0.0440	0.0691	0.0670	0.0635	0.0107	0.0485 (0.0000	0.0000	0.0773	0.0765	0.0000	0.0593 (0.0000	0.0395	0.0584	0.0624 (0.0622	0.0761	0.0717	0.0000		0.0967	0.0439 (
16.0443	14.0788	19.2389	15.2002	12.0681	16.0582	12.1188	18.9497	1.4683	14.7679	18.7186	13.3714	17.1168	6.8361	12.3408	16.3980	14.2293	17.3771	10.2548	13.6695	12.1968	8.5755	16.8885	18.4155	20.7033	14.4889	12.9064	23.3436	10.7194	22.2141	10.0401	14.9835	18.0549	16.4866	16.9066	16.5228	22.0868		16.1868	17.3464
2.5118 1	1.7254 1	1.8221	.6618 1	1.8251	1.9133 1	3.3168 1	1.1399 1	5.4689	1.4521	1.4579 1	2.9074	1.8501	4.1962 (3.2681 1	1.6136 1	0.9488	1.5472 1	3.8530 1	2.9760 1	3.3305 1	3.7530 8	2.6459 1	0.0000	0.5668 2	2.5369 1	•	0.0385 2	3.0839 1	0.0477 2	3.3611 1	2.1108 1	0.5536 1	1.5874 1	1.6653 1	2.2305 1	0.0000		2.3994 1	2.2593 1
0.0939	1.5295	0.0806	0.0209	0.0101	0.1943	0.0078	4.6060	0.000.0	0.1127	1.7086	0.4713	2.7012	0.0154 4	0.0254	1.4042	5.1589 (0.9499	0.000.0	0.0314	0.0062	0.000.0	0.0719	17.7926 (10.8082	0.0561	0.1226	18.5990 (0.0000	18.5950 (0.1340	0.3079	6.6829 (2.5988	1.4526	0.3334	17.8871			0.8657
0.0681	0.0749	0.0710	0.0696	0.0873	0.0568	0.0685	0.1078 4	0.0391	0.0584 0	0.1212 1	0.0667	0.0737 2	0.0699	0.0645 0	0.0503	0.1447 5	0.0563	0.0514 0	0.0546 C	0.0316	0.0446	0.0652 0	0.0631 1	0.0493 10	0.0748	0.0561 C	0.0000	0.0781	0.0000	0.0568	0.0877	0.0826 6	0.0812 2	0.0806	0.0882	0.0098 1		0.0913	0.0728 C
12.5044 0	9.4933 0	10.2473 0	13.6504 0	11.2699 0	13.5923 0	14.9437 0	9.4706 0	_			16.0443 0	12.8954 0	21.1653 0		12.5956 0	8.2997 0	12.6978 0	17.9591 0			17.9361 0	12.0158 0	0.6304 0	4.8052 0		16.1779 0		17.7036 0	0.3728 0		16.0236 0	6.8691 0	9.7850 0	12.3419 0	13.8239 0	0.4247 0	-		9.1522 0
3.9080 12	2.6662 9	3.3034 10	4.5878 13	2.8705 11	3.2833 13	5.0569 14	1.9312 9	9.1174 24.1938	1.9085 11.1226	2.6830 11.8770	5.0682 16	3.0461 12	7.6978 21	5.5758 16.3781	3.1039 12	1.7008 8	2.6258 12	6.1782 17	4.7223 14.3327	5.1463 15	6.3467 17	3.8817 12	0.4397 0	0.9515 4	3.9664 14.1646	4.8022 16	0.0000	5.2721 17	0.2104 0	4.4374 13	3.5535 16	0.9596 6	2.1522 9	2.3513 12	3.6160 13	0.3016 0	3.6145 15.3298	3.8613 14.8077	2.8228 9
5.0225	4.0699	7.7499 3	6.0776 4	3.5516 2	6.1918 3	4.3957 5	6.1700 1	2.0921 9	4.3890 1	7.0050 2	4.8697 5	5.3814 3	4.2519 7	4.7931 5	6.0422 3	4.1604 1	6.7723 2	3.9456 6	4.9359 4	4.5459 5	3.9932 6	6.5452 3	0.4915 0	4.6405 0	6.0348 3	5.1164 4		5.0636 5			6.1704 3	4.5449 0	4.1174 2	6.3924 2	7.6260 3	0.1012 0		7.9255 3	4.3708 2
0.4580 5	0.4843 4	0.4334 7	0.4793 6	0.5681 3	0.4057 6	0.4998 4	0.3312 6	0.6343 2	0.4650 4	0.4002	0.4318 4	0.3583 5	0.5385 4	0.4467	0.3794 6	0.3433 4	0.3960	0.4372 3	0.4145 4	0.4028 4	0.4666	0.4413 6	0.0000	0.1474 4	0.4549 6	0.4294 5	0.0000			0.5626 2	0.4452 6	0.2195 4	0.3842 4	0.4037 6	0.4548 7	0.0000			0.4575 4
10782 0.	10783 0.	10784 0.	10785 0.	10786 0.	10787 0.	10788 0.	10789 0.	10790 0.	10791 0.		10793 0.	10794 0.	10795 0.	10796 0.	10797 0.	10798 0.	10799 0.	10800 0.	10801 0.	10802 0.	10803 0.	10804 0.	10805 0.	10806 0.	10807 0.	10808 0.	10809 0.		10811 0.	10812 0.	10813 0.	10814 0.	10815 0.		10817 0.	10818 0.		10820 0.	10821 0.
18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1		18257 1		18257 1	18257 1	18257 1	18257 1	18257 1	18257 1	18257 1		18257 1	18257 1
_	_	_	_	_	_			_	_	_	_			_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_

Mo (%)	0.0001	0.0010	0.0000	0.0005	0.0000	0.0003	0.000.0	0.0004	0.000.0	0.000.0	0.0286	0.0103	0.0102	0.0253	0.0279	0.0325	0.0354	0.0344	0.0452	0.0650	0.0359	0.0007	0.0004	0.0008	0.0008	0.0014	0.0012	0.0012	0.0029	0.0010	0.0014	0.0010	0.0007	0.0007	0.0013	0.0015	0.0011	0.0016	0.0010
(%) qN	0.0009	0.0004	0.0002	0.0004	0.0002	0.0004	0.0004	0.0003	0.0004	0.0004	0.0013	0.0009	0.0009	0.0011	0.0011	0.0010	0.0009	0.0010	0.0014	0.0010	0.0011	0.0007	9000.0	0.0005	0.0009	9000.0	0.0007	0.0008	0.0008	0.0007	0.0007	0.0008	0.0008	900000	9000.0	0.0008	0.0008	0.0009	0.0009
Zr (%)	0.0192	0.0019	0.0002	0.0006	0.0015	0.0006	0.0007	0.0002	0.0006	0.0018	0.0097	0.0106	0.0107	0.0115	0.0107	0.0103	0.0101	0.0086	0.0101	0.0073	0.0134	0.0198	0.0126	0.0151	0.0245	0.0222	0.0215	0.0260	0.0289	0.0216	0.0328	0.0347	0.0250	0.0212	0.0253	0.0316	0.0165	0.0314	0.0322
Y(%)	0.0033	0.0024	0.0014	0.0022	0.0015	0.0018	0.0018	0.0015	0.0019	0.0018	0.0034	0.0033	0.0035	0.0035	0.0033	0.0031	0.0031	0.0030	0.0037	0.0028	0.0030	0.0028	0.0022	0.0024	0.0030	0.0018	0.0024	0.0027	0.0026	0.0023	0.0026	0.0028	0.0025	0.0021	0.0026	0.0028	0.0026	0.0030	0.0028
Sr (%)	0.0241	0.0369	0.0211	0.0289	0.0183	0.0174	0.0215	0.0175	0.0180	0.0225	0.0082	0.0096	0.0116	0.0073	0.0082	0.0070	0.0081	0.0073	0.0079	0.0075	0.0098	0.0096	0.0136	0.0159	0.0120	0.0083	0.0114	0.0100	0.0089	0.0089	0.0094	0.0090	0.0125	0.0105	0.0103	0.0092	0.0145	0.0100	0.0102
(%) (%)	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0039	0.0037	0.0029	0.0037	0.0033	0.0044	0.0047	0.0047	0.0065	0.0086	0.0051	0.0003	0.0000	0.0007	0.0005	0.0000	0.0008	0.0012	0.0008	0.0001	0.0001	0.0003	0.0002	0.0002	0.0007	0.0006	0.0009	0.0012	0.0007
Rb (%)	0.0172	0.0033	0.0004	0.0010	0.0006	0.0008	0.0010	0.0006	0.0015	0.0019	0.0196	0.0137	0.0141	0.0123	0.0129	0.0106	0.0118	0.0099	0.0123	0.0086	0.0112	0.0084	0.0049	0.0038	0.0103	0.0023	0.0065	0.0071	0.0076	0.0062	0.0088		0.0054	0.0047	0.0079	0.0083	0.0047	0.0091	0.0080
Th (%)	0.0013	0.0004	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0003	0.0003	0.0014	0.0009	0.0010	0.0009	0.0010	0.0009	0.0009	0.0008	0.0010	0.0007	0.0009	0.0008	0.0005	0.0004	0.0009	0.0003	0.0006	0.0007	0.0007	0.0006	0.0008	0.0007	0.0006	0.0005	0.0007	0.0007	0.0005	0.0008	0.0007
Pb (%)	0.0013	0.0008	0.0006	0.0012	0.0004	0.0008	0.0008	0.0005	0.0007	0.0009	0.0006	0.0000	0.0018	0.0017	0.0016	0.0025	0.0022	0.0021	0.0019	0.0020	0.0018	0.0010	0.0009	0.0010	0.0011	0.0003	0.0015	0.0007	0.0013	0.0007	0.0005	0.0007	0.0007	0.0007	0.0007	0.0016			0.0011
As (%)	0.0007	0.0005	0.0003	0.0007	0.0002	0.0004	0.0007	0.0001	0.0005	0.0009	0.0100	0.0201	0.0089	0.0077	0.0081	0.0051	0.0053	0.0068	0.0059	0.0058	0.0054	0.0006	0.0007	0.0005	0.0006	0.0003	0.0018	0.0004	0.0014	0.0003	0.0002	0.0002	0.0003	0.0005	0.0004	0.0019			0.0008
Ga (%)	0.0014	0.0006	0.0004	0.0006	0.0003	0.0003	0.0005	0.0004	0.0002	0.0004	0.0025	0.0032	0.0020	0.0022	0.0020	0.0015	0.0014	0.0016	0.0017	0.0017	0.0016	0.0008	0.0004	0.0009	0.0011	0.0001	0.0007	0.0008	0.0008	0.0004	0.0006	0.0006	0.0003	0.0005	0.0008	0.0010	-	-	0.0008
Zn (%)	0.0025	0.0017	0.0026	0.0039		0.0014	0.0017	0.0016	0.0014	0.0012	0.0039	0.0036	0.0038	0.0488	0.0036	0.0073	0.0151	0.0062	0.0910	0.0837	0.0026	0.0018	0.0009	0.0011	0.0013	0.0004	0.0011	0.0012	0.0014	0.0009			0.0013	0.0006	0.0015	0.0014	-	-	0.0012
	-	0.0018	0.0009	0.0015	0.0013	0.0014	0.0011	0.0014	0.0011	0.0016	0.0160	0.0148	0.0128	0.0179	0.0098	0.0108	0.0141	0.0108	0.0196	0.0124	0.0088	0.0009	0.0008	0.0008	0.0014	0.0004	0.0016	0.0013	0.0012	0.0006		0.0006	0.0010	0.0007	0.0010	0.0016	-	-	0.0008
	-	0.0051	0.0029	0.0030	0.0010	0.0013	0.0019	0.0008	0.0012	0.0025	0.0453	0.0327	0.0331	0.0472	0.0248	0.0371	0.0485	0.0451	0.0556	0.0404	0.0291	0.0028	0.0016	0.0019	0.0034	0.0021	0.0046	0.0031	0.0037	0.0015			0.0019	0.0017	0.0022	0.0051	0.0024	-	0.0022
	-	0.0005	0.0004	0.0006	0.0005	0.0004	0.0004	0.0004	0.0006	0.0006	0.0020	0.0028	0.0016	0.0022	0.0018	0.0010	0.0014	0.0015	0.0017	0.0013	0.0016	0.0007	0.0006	0.0004	0.0007	0.0006	0.0007	0.0007	0.0005	0.0007	_	0.0003	0.0005	0.0006	0.0007	0.0010		-	0.0004
Fe (%)	-	0.5495	0.2495	0.3035	0.3283	0.3430	0.4038	0.4495	0.3125	0.5441	4.3170	5.2774	3.8708	4.0065	4.0123	2.9651	2.8520	3.1099	3.2782	3.5732	3.3536	1.7023	1.2101	0.9177	1.6413	1.2247	1.3652	1.3542	1.6133	1.2287	_	1.3195	0.9317	1.0242	1.3160	1.7575	Н	_	1.3596
Mn (%)	-		0.2434	0.1247	0.0677	0.0408	0.0396	0.0323	0.0519	0.0397	0.0199	0.0236	0.0244	0.0179	0.0219	0.0168	0.0173	0.0160	0.0177	0.0187	0.0229	0.0376	0.0437	0.0383	0.0403	0.0569	0.0509		0.0371	0.0336	0.0330	0.0332	0.0360	0.0424	0.0350	0.0385	Н		0.0358
Cr (%)	-	0.0000	0.0011	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0265	0.0160	0.0195	0.0241	0.0114	0.0172	0.0223	0.0175	0.0294	0.0103	0.0074	0.0025	0.0000	0.0014	0.0042	0.0025	0.0008	0.0024	0.0017	0.0004		0.0008	0.0030	0.0000	0.0033	0.0020			0.0018
	-	0.0605	0.0212	0.0073	0.0061	0.0155	0.0042	0.0063	0.0187	0.0385	0.3373	0.3424	0.3494	0.2873	0.3221	0.3025	0.2585	0.2607	0.2637	0.2292	0.3277	0.3066	0.1710	0.1435	0.3214	0.1443	0.2055	0.2548	0.2709	0.1706	0.2465	0.2449	0.1996	0.1791	0.2832	0.2816		0.2984	0.2721
	-		0.0154	0.0198	0.1022	0.0000	0.0975	0.0000	0.0000	0.0143	0.1535	0.0276	0.0000	0.1758	0.0686	0.0000	0.0412	0.0000	0.0680	0.0427	0.0000	0.0528	0.0802	0.0844	0.0246	0.0778	0.0860	0.0000	0.0000	0.0614	0.2078	0.0466	0.0534	0.0162	0.0221	0.0667			0.1052
	6.3688	32.2647	34.1074	34.1934	33.9508	34.3362	33.7527	34.1717	34.0411	33.0842	0.9337	2.2011	2.9302	1.2011	1.5754	1.0796	1.2714	1.0776	1.0988	1.4996	2.3241	5.5528	16.2623	21.3544	6.1320	12.2595	10.4392	8.6372	5.4875	4.9215	4.2711	4.5507	15.8241	8.5884	5.4540	5.8263	23.9831	5.5742	5.5077
Depth (ft	10583	10584	10585	10586	10587	10588	10589	10590	10591	10592	10593	10594	10595	10596	10597	10598	10599	10600	10601	10602	10603	10604	10605	10606	10607	10608	10609	10610	10611	10612	10613	10614	10615	10616	10617	10618	10619	10620	10621
Well#	1825/	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257

0 0	2	ω	4	0	7	0	စ္	ω	7	စ္	၅	0	7	œ	0	4	0	0	0	4	0	0	0	ဖွ	0	9	<u>∞</u>	0	_	4	ღ	_	ღ	<u>∞</u>	0	ღ	_	Σ
0.0010	0.0015	0.0018	0.0014	0.0010	0.0012	0.0010	0.0006	0.0008	0.0007	0.0006	0.0579	0.0610	0.0537	0.0588	0.0000	0.0004	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0006	0.0000		0.0008	0.0000	0.0001	0.0004	0.0003	0.0001	0.0003	0.0008	0.0000	-		0.0001
0.0006	0.0007	0.0008	0.0009	0.0007	0.0009	0.0009	0.0008	0.0010	0.0006	0.0009	0.0015	0.0018	0.0010	0.0013	0.0010	0.0008	0.0011	0.0009	0.0008	0.0010	0.0010	0.0011	0.0012	0.0010	0.0010	0.0007	0.0005	0.0010	0.0008	0.0006	0.0005	0.0005	0.0005	0.0006	0.0013	0.0005	0.0006	0.0005
0.0195	0.0334	0.0313	0.0321	0.0299	0.0311	0.0270	0.0280	0.0274	0.0138	0.0235	0.0102	0.0108	0.0103	0.0103	0.0130	0.0147	0.0137	0.0143	0.0145	0.0156	0.0171	0.0164	0.0164	0.0182	0.0107	0.0129	0.0051	0.0150	0.0118	0.0084	0.0059	0.0073	0.0073	0.0097	0.0181	0.0058	0.0185	6600.0
0.0024	0.0029	0.0031	0.0029	0.0027	0.0030	0.0030	0.0030	0.0032	0.0026	0.0031	0.0034	0.0035	0.0032	0.0035	0.0033	0.0030	0.0032	0.0031	0.0029	0.0033	0.0032	0.0032	0.0033	0.0032	0.0030	0.0017	0.0013	0.0030	0.0027	0.0017	0.0012	0.0013	0.0017	0.0022	0.0033	0.0010	0.0012	0.0008
0.0123	0.0109	0.0153	0.0108	0.0111	0.0109	0.0112	0.0146	0.0136	0.0158	0.0201	0.0081	0.0082	0.0083	9200.0	0.0095	0.0102	0.0118	0.0118	0.0098	0.0112	0.0092	0.0111	0.0123	0.0104	0.0137	0.0118	0.0110	0.0113	0.0106	0.0089	0.0089	0.0093	0.0095	0.0116	0.0095	0.0074	0.0080	0.0138
0.0000	0.0003	0.0008	0.0010	200000	0.0010	0.0000	0.0000	0.0004	0.0000	0.0004	0.0082	0.0092	0.0057	0.0057	0.0000	0.0003	0.0014	600000	0.0003	900000	0.0011	0.0007	900000		0.0008			0.0001	0.0007	0.0000	0.0000		0.0000	0.0000	0.0012		-	0.0003
0.0049 (0.0077	0.0087) 7700.C	0.0074 (0.0091	0.0077	0.0089	0.0093	0.0041	0.0071	0.0160	0.0182	0.0135 (0.0158 (0.0134 (0.0135 (0.0179	0.0136	0.0144 (0.0155 (0.0195 (0.0178	0.0146 (0.0122 (0.0104	0.0033	0.0014 (0.0018	0.0029	0.0076	0.0171	-	-	0.0013
0.0005	0.0007	0.0008	0.0007	0.0007	0.0008	0.0007	0.0008	0.0008	0.0004	0.0006	0.0012	0.0013	0.0009	0.0009	0.0011	0.0011	0.0014	0.0011	0.0012	0.0012	0.0013	0.0015	0.0013 (0.0011	0.0009			0.0009	0.0009	0.0004	0.0003	0.0003	0.0004	0.0007	0.0013	-	-	0.0003
0.0006 0	0.0009	0.0012 0	0.0007	0.0007	0.0006	0.0008	0.0013 0	0.0005 0	0.0011 0	0.0016 0	0.0024 0	0.0015 0	0.0000	0.0000	0.0019 0	0.0013 0	0.0012 0	0.0015 0	0.0015 0	0.0012 0	0.0018 0	0.0012 0	0.0018 0	0.0017 0			0.0003	0.0022 0	0.0015 0	0.0001 0	0.0000	0.0004 0	0.0003 0	0.0005 0	0.0011 0			0.0000
0.00000	0.0007	0.0008	0.0001	0.0003 0	0.0001 0	0.0005 0	0.0013 0	0.0002 0	0.0011 0	0.0016 0	0.0047 0	0.0097	0.0184 0	0.0318 0	0.0019 0	0.0010 0	0.0002 0	0.0014 0	0.0008	0 6000.0	0.0021 0	0.0006	0.0016 0	0.0019 0				0.0076 0	0.0016 0	0.0000	0.0000.0	0.000.0	0.0001	0.0003 0	0.0002 0		-	0.0000
0.0005 0.0004 0.	0.0008	0.0009	0.0007 0.	0.0007 0.	0.0008 0.	0.0007	0.0008	0.0009	0.0008	0.0013 0.	0.0019 0.	0.0022 0.	0.0031 0.	0.0061 0.	0.0016 0.	0.0011 0.	0.0017 0.	0.0013 0.	0.0014 0.	0.0013 0.	0.0016 0.	0.0014 0.	0.0019 0.	0.0015 0.	0.0014 0.			0.0019 0.	0.0010 0.	0.0001 0.	0.0000.0	0.0000.0	0.0003 0.	0.0006 0.	0.0018 0.		_	0.0002 0.
0.0015	0.0014	0.0016	0.0013	0.0011		0.0017	0.0018	0.0016	0.0015	0.0013	0.0042	0.0592	0.0522	0.2935	0.0021	0.0022	0.0029	0.0028	0.0028	0.0029	0.0033	0.0038	0.0029	0.0033		0.0005	0.0007	0.0027	0.0026	0.0012	0.0002	0.0006	0.0009	0.0020	0.0037	0.0006	0.0001	0.0000
0.0009	0.0009	0.0012	0.0009	0.0008	0.0010	0.0011	0.0013	0.0011	0.0022	0.0016	0.0080	0.0122	0.0141	0.0362	0.0018	0.0012	0.0013	0.0015	0.0010	0.0014	0.0014	0.0011	0.0015	0.0013	0.0012	0.0002	0.0019	0.0026	0.0016	0.0019	0.0004	0.0059	0.0006	0.0023	0.0076	0.0056	0.0015	0.0005
0.0017	0.0018	0.0030	0.0022	0.0028	0.0031	0.0030	0.0040	0.0027	0.0048	0.0051	0.0427	0.0534	0.0467	0.0549	0.0047	0.0040	0.0046	0.0042	0.0040	0.0039	0.0043	0.0049	0.0059	0.0041	0.0044	0.0004	0.0005	0.0077	0.0048	0.0013	0.000.0	0.0011	0.0009	0.0031	0900.0	0.0000	0.0000	0.0000
0.0005	0.0004	0.0009	0.0004	900000	0.0005	0.0007	600000	0.0007	0.0010	0.0008	0.0012	0.0014	0.0020	0.0027	0.0011	60000.0	0.0013	0.0008	600000	0.0012	0.0013	6000.0	0.0015	0.0010	0.0013	9000.0	0.0005	0.0013	0.0010	0.0008	0.0004	900000	0.0008	0.0007	0.0014	0.0005	0.0004	0.0005
0.7903	1.2684	1.7216	1.1540	1.1943	1.2691	1.3148	1.7046	1.4380	2.8505	2.0263	3.6026	4.3477	4.8105	5.7683	2.1584	1.8898	2.3282	2.3987	2.0649	2.1166	2.6259	2.6572	2.7648	2.2624	2.4095	0.7340	0.7098	2.2495	1.9577	0.9630	0.5297	0.7106	0.8205	1.4779	3.1091	0.5521	0.5579	0.5436
0.0339	0.0340	0.0375	0.0331	0.0320	0.0355	0.0357	0.0333	0.0333	0.0473	0.0289	0.0159	0.0201	0.0243	0.0273	0.0389	0.0358	0.0296	0.0416	0.0378	0.0402	0.0310	0.0299	0.0310	0.0396		0.0737		0.0362	0.0365	0.0558	0.0577		0.0517	0.0404	0.0260			0.0473
0.0003 0	0.0030	0.0017	0.0010	0.0015	0.0026	0.0033	0.0024 C	0.0047 C	0.0053	0.0017	0.0183 C	0.0221 C	0.0195	0.0238	0.0054 C	0.0046 C	0.0060	0.0063	0.0041 C	0.0053	0.0048 C	0.0061	0.0045 C	0.0052 C	0900.0			0.0066	0.0030	0.0000	0.0000	0.0000	0.0000	0.0023 C	0.0065		-	0.0000
0.1692 0	0.3051 0	0.3006 0	0.2305 0	0.2422 0	0.2957 0	0.2794 0	0.3262 0	0.3153 0	0.1859 0	0.2766 0	0.3894 0	0.3944 0	0.3542 0	0.3547 0	0.3040 0	0.2914 0	0.3881 0	0.3083 0	0.2979 0	0.3246 0	0.3652 0	0.3946 0	0.4240 0	0.3801 0				0.3469 0	0.2786 0	0.1216 0	0.0255 0	0.0847 0	0.1099 0	0.1836 0	0.4790 0			0.0301 0
0.0664 0	0.0000	0.0677 0	0.1775 0	0.0946 0	0.0764 0	0.0922 0	0.0167 0	0.0651 0	0.0585 0	0.0827 0	0.0000	0.0351 0	0.0478 0	0.1370 0	0.1208 0	0.0303 0	0.0060	0.1673 0	0.1650 0	0.0856 0	0.2185 0	0.1183 0	0.0485 0	0.0823 0				0.0786 0	0.1365 0	0.0310 0	0.0392 0	0.0251 0	0.0000	0.0922 0	0.0000		-	0.0000
19.4650 0. 6.8254 0.	6.5063 0.	6.5248 0.	7.3642 0.	7.7794 0.	6.9215 0.	7.1015 0.	6.5103 0.	6.1764 0.	22.6824 0.	8.8756 0.	0.9928 0.	1.0411 0.	1.6590 0.	1.1706 0.	4.5288 0.	4.9176 0.	2.6934 0.	5.2394 0.	4.4770 0.	4.1992 0.		2.2089 0.	2.3922 0.	4.7896 0.	6.0991 0.			5.4664 0.	6.9977 0.	13.6952 0.	15.5171 0.	17.1695 0.	14.5567 0.	9.3508 0.	1.0689 0.			12.1577 0.
10622	10624	10625	10626	10627	10628	10629	10630	10631	10632	10633	10634	10635	10636	10637	10638	10639	10640	10641		10643	10644	10645	10646	10647				10651	10652	10653	10655	10656	10657	10658	10659		-	10662
18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257

6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00 00 00 00 00 00 00 00 00 00 00 00 00
0.00000 0.00000	0.0000 0.0011 0.0011 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0007 0.0007 0.0008 0.	0.0009 0.0009 0.0008 0.0008 0.0009 0.0008 0.0008 0.0008 0.0009 0.0009
0.0340 0.0165 0.0115 0.0117 0.0117 0.0112 0.0110 0.0114 0.0114 0.0115 0.0008 0.	0.0200 0.0385 0.0084 0.0132 0.0121 0.0110 0.0112 0.0106 0.00080 0.0080 0.0080
0.0018 0.0015 0.0015 0.0032 0.0032 0.0031 0.0028 0.0029 0.0029 0.0020 0.0022 0.0022 0.0022 0.0022 0.0022 0.0022 0.0022 0.0022 0.0022 0.0022 0.0022 0.0022 0.0022 0.0022 0.0022 0.0022 0.0022	0.0028 0.0025 0.0016 0.0029 0.0025 0.0027 0.0027 0.0023 0.0013
0.01010 0.00108 0.0079 0.00122 0.0125 0.0124 0.00124 0.00108 0.0109 0.0107 0.00126	0.0120 0.0087 0.0095 0.0118 0.0106 0.0106 0.0108 0.0108 0.0092 0.0090
	0.00001 0.0008 0.0003 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0031 0 0.0029 0 0.0013 0 0.0163 0 0.0178 0 0.018 0 0.018 0 0.013 0 0.013 0 0.003 0 0.0061 0 0.0063 0 0.0063 0 0.0063 0 0.0063 0 0.0063 0 0.0063 0 0.0063 0	0.0094 0 0.0018 0 0.0017 0 0.0027 0 0.0136 0 0.018 0 0.0111 0 0.0067 0 0.0040 0 0.0070 0
0.0004 0.0004 0.0003 0.00011 0.0012 0.0012 0.0001 0.0001 0.0001 0.0001 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000	0.0008 0.0003 0.0004 0.0009 0.0011 0.0009 0.0007 0.0007 0.0004 0.0005 0.0005
	0.0005 0.00001 0.00000 0.00005 0.00004 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000
0.00000 0.00000 0.00001 0.00001 0.00000 0.0000	00000000000000000000000000000000000000
0.00001 0.000001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.000001	3 0.0010 5 0.0000 0 0.0004 2 0.0009 5 0.0013 6 0.0012 9 0.0006 9 0.0006 7 0.0003
0.0006 0.0003 0.0003 0.0033 0.0037 0.0038 0.00028 0.0038 0.0038 0.0038 0.0038 0.0038 0.0038 0.0038 0.0038 0.00028 0.00	0.0033 0.0005 0.0010 0.0032 0.0036 0.0026 0.0029 0.0007 0.00017 0.0007
0.0003 0.0004 0.0002 0.0003 0.0003 0.0003 0.0004 0.0004 0.0009 0.0000 0.0009 0.0000 0.	0.0004 0.0005 0.0008 0.0007 0.0009 0.0007 0.0007 0.0006 0.0000 0.0000 0.0000
0.0005 0.0005 0.0059 0.0073 0.0073 0.0041 0.0051 0.0053 0.0052 0.0056 0.0052 0.0056 0.0056 0.0057 0.0056 0.0057 0.0056 0.0057 0.0056 0.0057 0.0056 0.0057 0.0056 0.0057	0.0040 0.0011 0.0021 0.0043 0.0050 0.0046 0.0046 0.0046 0.0030 0.0010
0.0005 0.0005 0.0001 0.0019 0.0011 0.0011 0.0011 0.0013 0.0012 0.0012 0.0012 0.0002 0.0009 0.0009 0.0009 0.0009 0.0009	0.0009 0.0003 0.0008 0.0015 0.0013 0.0015 0.0014 0.0000 0.0008 0.0005
0.8131 (0.7187 (0.5150	2.1743 C 0.7046 C 1.4169 C 2.7648 C 3.0889 C 2.8170 C 2.5632 C 2.5719 C 0.8420 C 1.907 C
0.0423 0.0570 0.0345 3.00434 0.0443 0.0489 0.0489 0.0489 0.0489 0.0489 0.0489 0.0489 0.0489 0.0489 0.0489 0.0489 0.0489 0.0489 0.0489 0.0489 0.0486 0.0489 0.0486 0.0489 0.0486 0	0.0394 2. 0.0488 0. 0.0481 1. 0.0387 2. 0.0420 3. 0.0421 3. 0.0423 2. 0.0423 1. 0.0423 1. 0.0423 1. 0.0423 1.
	0.0070 0.0027 0.0003 0.0021 0.0081 0.0087 0.0082 0.0061 0.0061 0.0000 0.0009 0.0009
0.1459 0.0984 0.0844 0.0844 0.4364 0.3582 0.3282 0.3245 0.2736 0.2736 0.2736 0.2736 0.2736 0.2930 0.2930 0.2930 0.2930 0.2930 0.2930 0.2930 0.2930 0.2930 0.2930 0.2930	0.3315 0.2016 0.1240 0.3550 0.3842 0.2836 0.3433 0.2911 0.2855 0.2855 0.2855 0.2198 0.2198
0.00742 0.0000 0.0000 0.0000 0.0117 0.0584 0.0584 0.0699 0.01008 0.0120 0.0000 0.0000 0.0000 0.0127 0.0691 0.0127 0.0000 0.0000 0.0127 0.0591	0.0658 0.0351 0.0499 0.0000 0.0462 0.0662 0.01064 0.0994 0.0155 0.01106
10.8918 12.5906 15.7759 2.2530 3.9397 2.9591 4.0536 6.4384 6.4384 6.4384 3.8624 1.7837 1.7841 6.525 6.7120 6.525 6.7120 8.5295 11.5633 9.3693 8.5295 11.5633 9.3693 9.3693 8.5295 11.5683 9.369	6.3505 13.0143 14.1331 7.2041 4.4302 9.1047 5.3533 8.2924 7.6483 10.5398 13.5833 12.3994
10663 1 10664 1 10666 2 10666 2 10667 3 10672 8 10672 1 10673 3 10674 7 10679 1 10679 1 10689	10690 10691 10692 10693 10694 10695 10697 10698 10699 10700 110700 110701
18257 11 18257 11	18257 10 18257 10 18257 11 18257 11 18257 10 18257 10 18257 10 18257 10 18257 10 18257 10

0.0000	0.000	0.0005	0.0003	0.0001	0.0008	0.000.0	0.000.0	0.0002	0.0002	0.0002	0.000.0	0.000.0	0.000.0	0.000.0	0.0003	0.0004	0.000.0	0.000.0	0.0002	0.000.0	0.0000	0.0002	0.0002	0.0001	0.0007	0.0000	0.0004	0.0008	0.000.0	0.000.0	0.0001	0.0001	9000.0	0.0003	0.000.0	0.0002	0.000.0	0.0001
0.0006	_	0.0007	9000.0	0.0009	0.0008	9000.0	0.0007	9000.0	9000.0	0.0008	0.0009	0.0011	0.0010	0.0010	9000.0	0.0010	0.0008	0.0008	0.0008	0.0008	0.0009	0.0007	9000.0	9000.0	9000.0		9000.0	9000.0	0.0004	0.0009	0.0007	0.0007	0.0005	0.0002	0.0007	-	-	0.0008
0.0112	0.0098	0.0131	0.0137	0.0125	0.0130	0.0099	0.0139	0.0092	0.0109	0.0111	0.0146	0.0139	0.0132	0.0129	0.0086	0.0160	0.0139	0.0105	0.0093	0.0099	0.0127	0.0123	0.0091	0.0079	0.0100	0.0089	0.0075	0.0092	0.0075	0.0127	0.0108	0900.0	0.0070	0.0000	0.0097	0.0114	0.0113	0.0113
0.0023	0.000	0.0023	0.0020	0.0030	0.0030	0.0025	0.0029	0.0017	0.0021	0.0029	0.0029	0.0032	0.0031	0.0032	0.0023	0.0032	0.0030	0.0028	0.0027	0.0027	0.0031	0.0030	0.0024	0.0023	0.0029	0.0016	0.0024	0.0021	0.0024	0.0029	0.0027	0.0024	0.0019	0.0016	0.0027	-	-	0.0028
0.0091	0.0071	0.0125	0.0117	0.0100	0.0096	0.0111	0.0114	0.0101	0.0109	0.0101	0.0087	0.0127	0.0124	0.0124	0.0131	0.0140	0.0144	0.0158	0.0147	0.0127	0.0122	0.0122	0.0126	0.0142	0.0269	0.0253	0.0150		0.0770	0.0143	0.0151	0.0757	0.0539	0.1356	0.0322	-	-	0.0155
0.0000	-	1	0.0000	0.0000	0.0003	0.0003	0.0002	0.0002	0.0007	0.0000	0.0010	0.0000	0.0000	0.0007	0.0002	0.0002	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0007	0.0005		0.0003	0.0001	0.0001	0.0003	0.0001	0.0009	0.0007	0.0003	0.0008		-	0.0010
0.0062	-	1	0.0048	0.0126	0.0121	0.0072	0.0135	0.0038	0.0069	0.0100	0.0121	0.0154	0.0120	0.0184	0.0045	0.0163	0.0119	0.0089	0.0079	0.0086	0.0125	0.0108	0.0073	0.0062	0.0081		0.0054	0.0039	0.0036	0.0124	0.0094	0.0036	0.0041	0.0000	0.0108	-	-	0.0098
0.0006	-	1	0.0005	0.0009	0.0009	0.0007	0.0011	0.0004	0.0007	0.0009	0.0010	0.0012	0.0010	0.0014	0.0005	0.0013	0.0010	0.0008	0.0007	0.0008	0.0010	0.0009	0.0007		0.0007		0.0006	0.0005	0.0004	0.0010	0.0008	0.0004	0.0005	0.0001	0.0009		-	0.0009
0.0002	-	_	0.0002	0.0017	0.0021	0.0001	0.0002	0.0006	0.0000	0.0003	0.0002	0.0010	0.0000	0.0006	0.0007	0.0008	0.0006	0.0007	0.0008	0.0008	0.0012	0.0011	0.0009			_		0.0005	_	0.0004	0.0002	0.0003	0.0000	0.0007	0.0002	_	-	0.0007
0.0000	-		0.0000	0.0069	0.0064	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0006	0.0003		0.0001		0.0000	0.0000	0.0001	0.0000	0.0000	0.0003	0.0000	0.0004	0.0000	-	-	0.0000
0.0007	-	1	0.0002	0.0025	0.0022	0.0006	0.0012	0.0003	0.0006	0.0009	0.0011	0.0016	0.0013	0.0017	0.0005	0.0017	0.0015	0.0011	0.0012	0.0011	0.0016	0.0012	0.0008		0.0008		0.0003	0.0004	0.0005	0.0011	0.0008	0.0003	0.0002	0.0005	0.0009	-	-	0.0009
0.0022	-		0.0014	0.0034	0.0034	0.0024	0.0043	0.0010	0.0023	0.0030	0.0033	0.0051	0.0040	0.0041	0.0020	0.0043	0.0041	0.0032	0.0028	0.0030	0.0044	0.0042	0.0031		0.0036		0.0026	0.0017	0.0012	0.0042	0.0032	0.0017	0.0015	0.0006	0.0040	-	-	0.0029
0.0014	-	-	0.0005	0.0033	0.0023	0.0001	0.0004	0.0005	0.0003	0.0008	0.0010	0.0021	0.0010	0.0010	0.0007	0.0013	0.0009	0.0012	0.0008	0.0006	0.0009	0.0011	0.0007	900000	0.0008	_	0.0010	0.0002	0.0013	0.0004	0.0004	0.0012	0.0006	0.0016	0.0011	-	-	0.0010
0.0032	-	1	0.0016	0.0071	0.0064	0.0030	0.0056	0.0024	0.0032	0.0056	0.0055	0.0081	0.0074	0.0060	0.0027	0.0075	0.0066	0.0059	0.0049	0.0058	0.0066	0.0063	0.0051	0.0038	0.0044		0.0032	0.0023	0.0015	0.0044	0.0042	0.0024	0.0025	0.0005	0.0050	-	-	0.0046
0.0010	-	1	0.0007	0.0016		0.0010	0.0013	0.0006	0.0007	0.0017	0.0009	0.0033	0.0023	0.0015	0.0006	0.0025	0.0018	0.0013	0.0020	0.0022	0.0021	0.0024	0.0016	0.0011	0.0011		0.0006		0.0005	0.0010	0.0013	0.0004	0.0005	0.0005	0.0018	_	-	0.0012
2.0352	-	-	1.0451	2.9611	2.9066	1.8089	2.8263	1.1431	1.7359	3.5204	2.4939	6.7532	4.6963	3.5067	1.2635	5.3729	4.7959	4.3801	3.8972	3.8374	5.1981	4.9350	3.2374	2.4356	2.4823		1.3028	1.4163	0.8742	2.7554	2.7412	1.0541	0.9736	0.1354	3.5378	-	ന	3.2130
0.0462	-	-	0.0433	0.0414	0.0432	0.0457	0.0371	0.0601	0.0543	0.0484	0.0392	0.0522	0.0540	0.0404	0.0686	0.0492	0.0554	0.0501	0.0553	0.0631		0.0575	0.0716	0.0731			0.0529	0.0597	0.0441	0.0457	0.0528	0.0494	0.0458	0.0088	0.0400		-	0.0426
0.0043	-	-	0.0026	0.0072	0.0058	0.0041	0.0073	0.0000	0.0023	0.0051	0.0069	0.0064	0.0078	0.0078	0.0029	0.0080	0.0066	0.0073	0.0076	0.0065	0.0079	0.0066	0.0065					0.0026		0.0063	0.0056	0.0029	0.0016	0.0000	0.0090		-	0.0053
0.2445	-		0.1464	0.3764	0.3703	0.2454	0.3687	0.1288	0.2047	0.3184	0.3356	0.4836	0.4037	0.4196	0.1618	0.4384	0.4382	0.3541	0.2917	0.3331	0.4211	0.4084	0.3128		0.2605		0.1692	0.1683	0.1297	0.3422	0.2705	0.1540	0.1202	0.0000	0.3417	_	-	0.3258
0.0000	-	-	0.0493	0.0678	0.0688	0.0078		0.0747	0.1402	0.1268	0.0747	0.0743	0.0580	0.0735	0.0585	0.2571	0.0449	0.0755	0.1049	0.0050	0.0656	0.0259	0.0034	0.0269	0.0588		0.0416		0.0150	0.1494	0.0938	0.0207	0.0967	0.0000	0.0000		-	0.0000
10.8862	11,4247	9.5971	12.2099	4.5492	5.2642	10.2609	3.8265	14.6052	9.9681	7.3560	4.5326	3.2177	4.9352	2.8434	13.3678	3.2299	7.3735	9.2967	10.6106	9.6712	7.6017	8.8072			16.8042	17.3836	22.5695	16.7569	22.1172	8.0917	9.9641	17.3378	14.4485	23.6267	8.0858	8.6730	9.3105	10.3750
10703	10705	10706	10707	10708	10709	10710	10711	10712	10713	10714	10715	10716	10717	10718	10719	10720	10721	10722	10723	10724	10725	10726	10727	10728	10729	10730	10731	10732	10733	10734	10735	10736	10737	10738	10739	10740	10741	10742
18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257

0.0000	0000	0.000.0	9000.0	0.000.0	0.000.0	0.0004	0.000.0	0.0001	0.000.0	0.000.0	0.0002	0.0001	0.0008	0.0007	9000.0	0.0002	0.0001	0.000.0	0.0005	0.0003	0.000.0	0.0004	0.0001	0.0003	0.0003	0.000.0	0.0000	0.0005	0.0001	0.0001	0.000.0	0.0002	0.0001	0.000.0	9000.0	0.0004	0.000.0	0.0003
0.00006 0.0004	+	-	0.0004 0.	0.0009	0.0005 0.	0.0008 0.	0.0008	0.0007	0.0009	0.0002 0.	0.0007	0.0006	0.0007	0.0007	0.0008	0.0003 0.	0.0011 0.	0.0009	0.0008	0.0008 0.	0.0007 0.	0.0005 0.	0.0006	0.0003 0.	0.0006			0.0009	0.0006 0.	0.0005 0.	0.0007	0.0004 0.	0.0008 0.	0.0010 0.	0.0002 0.			0.0007
	-	-	_																																			-
2 0.0095	-	-	6 0.0156	0 0.0103	3 0.0096	1 0.0216	9 0.0161	1 0.0080	0.0093	0.0000	0 0.0188	5 0.0089	0.0181	7 0.0263	9 0.0170	0.0000	2 0.0121	9 0.0132	7 0.0151	0 0.0124	7 0.0106	4 0.0119	8 0.0083	3 0.0071	5 0.0095			9 0.0136	6 0.0134	1 0.0078	7 0.0127	8 0.0059	1 0.0112	2 0.0140	7 0.0000		0 0.0059	5 0.0108
0.0022	+	-	0.0026	0.0030	0.0033	0.0031	0.0029	0.0031	0.0030	0.0019	0.0030	0.0025	0.0030	0.0027	0.0029	0.0020	0.0032	0.0029	0.0027	0.0030	0.0027	0.0024	0.0018	0.0023	0.0025			0.0029	0.0026	0.0021	0.0027	0.0018	0.0021	0.0032	0.0017		0.0030	0.0025
0.0179	0.0998	0.0158	0.1940	0.0160	0.4313	0.0171	0.0174	0.1836	0.0614	0.1467	0.0222	0.0722	0.1172	0.0213	0.0205	0.1454	0.0130	0.0135	0.0168	0.0187	0.0383	0.1930	0.0688	0.1686	0.0281	0.0134	0.0116	0.0195	0.0190	0.1173	0.0227	0.0752	0.0407	0.0145	0.1378	0.1335	0.3479	0.0303
0.0012	0.0013	0.0003	0.0022	0.0003	0.0054	0.0005	0.0000	0.0034	0.0018	0.0000	0.0000	0.0020	0.0018	0.0010	0.0006	0.0010	0.0005	0.0012	0.0014	0.0003	0.0003	0.0023	0.0016	0.0005	0.0003	0.0005	0.0009	0.0006	0.0002	0.0019	0.0004	0.0008	0.0017	0.0007	0.0001	0.0016	0.0038	0.0012
0.0081	0.0042	0.0135	0.0040	0.0146	0.0074	0.0112	0.0132	0.0132	0.0150	0.0003	0.0105	0.0071	0.0100	0.0086	0.0101	0.0001	0.0165	0.0122	0.0119	0.0115	9.000.0	0.0032	0.0046	0.0021	0.0081	0.0151	0.0142	0.0094	0.0093	0.0034	0.0079	0.0042	0.0047	0.0150	0.0001	9800.0	0.0078	0.0081
0.0008	+	+-	0.0004	0.0012	9000.0	0.0010	0.0011	0.0011	0.0012	0.0001	0.0009	0.0007	0.0009	0.0008	0.0009	0.0001	0.0013	0.0011	0.0010	0.0010	0.0007	0.0004	0.0005	0.0003	0.0008	0.0012		0.0009	0.0009	0.0004	0.0007	0.0005	0.0005	0.0012	0.0001			0.0008
0.0000	-	1	9000.0	9000.0	0.0012	0.0007	0.0005	0.0008	0.0008	0.0005	0.0002	0.0004	0.0007	0.0004	0.0002	0.0007	0.0013	0.0002	0.0007	0.0005	0.0007	9000.0	0.0002	0.0005	0.0005	_		0.0003		0.000.0	9000.0	0.000.0	0.0002	0.0008	0.0009			0.0004
0.0000	+-	+-	0.000.0	0.000.0	0.0007	0.0002	0.000.0	0.000.0	0.000.0	0.0007	0.0000	0.0000	0.000.0	0.0000	0.000.0	0.0005 0	0.0004 0	0.000.0	0.000.0	0.000.0	0.0001	0.000.0	0.000.0	0.0004 0	0.000.0	-	-	0.0000	0.0000	0.000.0	0.000.0	0.000.0	0.000.0	0.0000	0.0006		0.0005	0.0001
0.0005 0	+	-	0.0007	0.0013 0	0.0012 0	0.0011 0	0.0011 0	0.0013 0	0.0012 0	0.0003 0	0.0008	0.0006	0.0009	0.0006	0.0008	0.0005 0	0.0017 0	0.0007	0.0008	0.0010	0.0008 0	0.0003 0	0.0003 0	0.0006	0.0008			0 60000.0	0.0008	0.0004 0	0 6000.0	0.0004 0	0.0004 0	0.0015 0	0.0005 0			0 60000.0
0.0030 0	+	-	0.0015 0	0.0040 0	0.0022 0	0.0024 0	0.0034 0	0.0035 0	0.0036 0	0.0009	0.0026 0	0.0016 0	0.0023 0	0.0025 0	0.0033 0	0.0011 0	0.0039 0	0.0038 0	0.0033 0	0.0032 0		0.0012 0	0.0014 0	0.0014 0	0.0023 0			0.0032 0	0.0025 0	0.0013 0	0.0029 0	0.0012 0	0.0017 0	0.0038 0	0.0004 0	0.0033 0		0.0029 0
0.00009	+	+-	0.0013 0.	0.0009 0.	0.0018 0.	0.0011 0.	0.0009 0.	0.0016 0.	0.0009 0.	0.0010 0.	0.0012 0.	0.0003 0.	0.0007 0.	0.0009 0.	0.0006 0.	0.0016 0.	0.0015 0.	0.0008 0.	0.0009 0.	0.0009 0.	0.0010 0.	0.0011 0.	0.0009 0.	0.0011 0.	0.0004 0.			0.0003 0.	0.0005 0.	0.0006 0.	0.0005 0.	0.0004 0.	0.0003 0.	0.0008 0.	0.0013 0.			0.00008 0.
0.0030 0.0	+	-	0.0031 0.0	0.0062 0.0	0.0055 0.0	0.0045 0.0	0.0049 0.0	0.0057 0.0	0.0051 0.0	0.0008 0.0	0.0031 0.0	0.0030 0.0	0.0041 0.0	0.0042 0.0	0.0046 0.0	0.0006 0.0	0.0070 0.0	0.0051 0.0	0.0044 0.0	0.0044 0.0	0.0031 0.0	0.0013 0.0	0.0018 0.0	0.0016 0.0	0.0040 0.0			0.0035 0.0	0.0040 0.0	0.0013 0.0	0.0034 0.0	0.0020 0.0	0.0024 0.0	0.0066 0.0	0.0006 0.0			0.0044 0.0
-	-	-																																				
0.0009	-	-	7 0.0004	2 0.0021	3 0.0005	0.0007	4 0.0013	8 0.0010	7 0.0012	3 0.0005	0.0009	7 0.0005	0.0007	4 0.0010	3 0.0010	4 0.0005	9 0.0028	8 0.0012	4 0.0008	7 0.0015	8 0.0008	2 0.0004	7 0.0002	4 0.0005	8 0.0010			1 0.0010	1 0.0012	5 0.0004		0.0006	3 0.0005	1 0.0017	4 0.0005			9 0.0011
1.7794	_	. 2	1.2127	4.4302	1.8473	2.7666	3.4214	3.6228	3.2347	0.1433	2.2390	1.4367	2.1820	2.3454	3.0173	0.1444	5.4349	2.2968	3.2354	3.5277	1.9598	0.6152	1.0967	0.6394	2.6618	5.4419		2.4341	2.8111	0.6655	2.1419	0.9117	1.1393	3.6991	0.1374	3.3334	2.5849	3.0259
0.0435	0.0517	0.0582	0.0590	0.0559	0.0578	0.0459	0.0418	0.0487	0.0412	0.0083	0.0388	0.0436	0.0484	0.0433	0.0360	0.0061	0.0527	0.0475	0.0365	0.0414	0.0327	0.0527	0.0335	0.0279	0.0516	0.0530	0.0550	0.0476	0.0429	0.0444	0.0482	0.0468	0.0457	0.0468	0.0071	0.0520	0.0571	0.0527
0.0022	0.0012	0.0000	0.0051	0.0063	0.0080	0.0056	0.0071	0.0073	0.0080	0.0000	0.0071	0.0041	0.0077	0.0050	0.0051	0.0000	0.0083	0.0041	0.0057	0.0077	0.0022	0.0028	0.0007	0.0009	0.0058	0.0075	0.0076	0.0061	0.0063	0.0004	0.0039	0.0000	0.0000	0.0078	0.0000	0.0073	0.0070	0.0049
0.1887	-	-	0.1653	0.4636	0.2248	0.2612	0.3485	0.2946	0.3456	0.000.0	0.2509	0.1753	0.3123	0.2976	0.3140	0.0000	0.3847	0.3259	0.3251	0.3484	0.2469	0.1349	0.1646	0.1546	0.2413			0.2992	0.3319	0.1558	0.3074	0.1249	0.2324	0.4570	0.0000		0.3117	0.3361
0.0852 0	-		0.1260 0	0.0000	0.3871 0	0.1511 0	0.0100	0.1722 0	0.0371 0	0.0437 0	0.0878 0	0.0715 0	0.0080 0	0.0000.0	0.0052 0	0.0762 0	0.2022 0	0.0314 0	0.0442 0	0.0000	0.0719 0	0.1529 0		0.0359 0	0.1455 0			0.1182 0	0.1333 0	0.0000	0.0305 0	0.0143 0	0.000.0	0.0000	0.0329 0			0.0000
	-	-	15.6414 0.													23.7435 0.		6.6222 0.		7.7096 0.	10.9175 0.	14.4159 0.	14.2596 0.	15.7936 0.	9.6819 0.					13.4459 0.	7.6969 0.							
	-			18 6.4394	11.5319	8.1179	1 6.5927	7.9719	3 6.1747	4 24.0073	5 7.8896	6 10.4904	7779.6	8 9.1757	8.9298		1 4.8525		6.8051									7.9552	3 5.1721			6 11.2722		8 3.9607	9 23.7022		•	9.9328
10743	+	-	10747	10748	10749	10750	10751	10752	10753	10754	10755	10756	10757	10758	10759	10760	10761	10762	10763	10764	10765	10766	10767	10768	10769			10772	10773	10774	10775	10776	10777	10778	10779			10782
18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257	18257

0.00003 0.00001 0.00005 0.00000	0.0003 0.0001 0.0002 0.0006 0.0006 0.0001 0.0002 0.0002 0.00002
	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000
0.0058 0.0082 0.0082 0.0082 0.0074 0.0078 0.0110 0.0071 0.0072 0.0102 0.0113 0.0013 0.0113 0.0013 0.0113 0.0013 0.0113 0.0013 0.0113 0.0013 0.0013 0.0013 0.0013 0.0013 0.0013 0.0013 0.0013 0.0013 0.0013 0.0013 0.0000 0.0000	0.0000 0.0109 0.0116 0.0110 0.00149 0.0164 0.0118 0.0106 0.0106 0.0106
0.0022 0.0023 0.0020 0.0020 0.0018 0.0018 0.0025 0.	0.0016 0.0027 0.0029 0.0029 0.0016 0.0013 0.0024 0.0023 0.0023 0.0029 0.0029
	0.1386 0.0131 0.01645 0.0196 0.0394 0.0123 0.0172 0.0211 0.0330 0.0330
	0.0000 0.0014 0.0017 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
	0.0002 0.0105 0.0118 0.0118 0.0004 0.0064 0.0064 0.0064 0.0003 0.0003 0.00070
	0.0001 0.0003 0.0003 0.0003 0.0005 0.0006 0.0006 0.0006 0.0006 0.0007 0.0007
	\$ 0.0009 0.0011 1 0.0006 0 0.0009 0 0.0009 0 0.0001 0 0.0000 0 0.0000 0 0.0000 0 0.0000 0 0.0000 0 0.0000 0 0.0000
	7 0.0006 6 0.0001 11 0.0000 3 0.0000 8 0.0000 6 0.0000 6 0.0000 7 0.0000 8 0.0000 8 0.0000 9 0.0000 9 0.0000
	5 0.0006 9 0.0007 1 0.0006 3 0.0011 9 0.0004 6 0.0003 6 0.0005 5 0.0010 8 0.0006 8 0.0006
	2 0.0005 6 0.0029 7 0.0011 8 0.0033 7 0.0030 2 0.0006 11 0.0020 1 0.0026 8 0.0024 9 0.0024 9 0.0024
	3 0.0012 2 0.0006 2 0.0007 7 0.0007 7 0.0007 14 0.0002 8 0.0001 9 0.0011 9 0.0009 9 0.0009 9 0.0009 9 0.0009 9 0.0009 9 0.0009
	0.0013 0.0039 0.0039 0.0012 0.0004 0.0028 0.0028 0.0038
	77 0.0005 38 0.0016 37 0.0015 36 0.0004 36 0.0007 40 0.0005 31 0.0005 32 0.0014 36 0.0000 37 0.0005 38 0.0014 39 0.0009
	33 0.1577 13 2.7708 78 0.4282 50 3.5357 55 0.1626 56 1.6216 71 0.2036 71 0.1401 72 0.036 73 2.036 74 0.1401 75 2.036 76 2.036 77 0.1401 78 2.953 78 2.953 78 2.953 79 2.175
	000 0.0063 60 0.0413 90 0.0278 68 0.0460 51 0.0382 20 0.0065 28 0.0383 90 0.0410 62 0.0358 41 0.0393 28 0.0415
	00 0.0000 25 0.0060 15 0.0069 02 0.0068 21 0.0021 24 0.0028 34 0.0019 00 0.0000 10 0.0062 39 0.0041 18 0.0028
	9 0.0000 6 0.2725 7 0.1515 9 0.3102 11 0.3531 0 0.0000 0 0.1621 12 0.0000 15 0.284 16 0.284 17 0.1934 17 0.1934 17 0.1934 17 0.1934 18 0.224 19 0.0000 19 0.0000 10 0.263 10 0
	26 0.1189 18 0.0000 2 0.0536 2 0.0536 2 0.0536 31 0.0000 31 0.0089 33 0.1677 39 0.0722 7 0.1405 4 0.0647 7 0.0000
	23.2326 7.76284 1.15.0648 2.7.7012 3.7.017 4.23.1248 1.15.281 7.10.8283 3.23.7409 9.7.7177 9.8284
	10809 10810 10811 10812 10814 10816 10817 10818 10818 10818
18257 18257	18257 18257 18257 18257 18257 18257 18257 18257 18257 18257 18257 18257

Zn (%)	0.0057	0.0064	0900.0	0.0061	0.0067	0.0061	0.0059	0900.0	0.0059	0.0060	0.0055	0900.0	0.0062	0.0061	0.0061	0.0064	0.0063	0.0058	0.0064	0.0043	0.0041	0.0031	0.0039	0.0159	0.0227	0.1449	0.0955	0.0041	0.0048	0.0062	0.0064	0.0054	0.0055	0.0075	0.0053	0.0057	0.0054	0.0054	0.0051
Cn (%)	0.0035	0.0040	0.0029	0.0031	0.0031	0.0040	0.0032	0.0031	0.0044	0.0031	0.0033	0.000.0	0.0023	0.0040	0.0030	0.0032	0.0030	0.0029	0.0030	0.000.0	0.000.0	0.000.0	0.000.0	0.000.0	0.000.0	0.000.0	0.000.0	0.000.0	0.000.0	0.0023	0.0012	0.0033	0.0029	0.0027	0.0027	0.0027	0.0028	0.0022	0.0030
(%) iN	0.0043	0.0019	0.0027	0.0037	0.0046	0.0008	0.0034	0.0036	0.0037	0.0038	0.0032	0.0218	0.0057	0.0039	0.0047	0.0049	0.0047	0.0047	0.0044	0.0166	0.0164	0.0108	0.0129	0.0247	0.0177	0.0259	0.0254	0.0263	0.0176	0.0056	0.0056	0.0021	0.0046	0.0039	0.0047	0.0057	0.0058	0.0037	0.0036
Co (%)	0.0002	0.0003	0.0003	0.0002	0.0002	9000.0	0.0002	0.0002	0.0002	0.0003	9000.0	0.0011	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0010	0.0013	0.0020	0.0017	0.0017	0.0015	0.0016	0.0018	0.0018	0.0014	0.0008	0.0005	0.0007	0.0008	0.0007	6000.0	0.0007	900000	6000.0	0.0010
Fe (%)	0.0000	0.000.0	0.3425	0.4494	0.1563	1.7190	0.3332	0.3174	0.0974	0.0059	1.1103	2.4997	0.2381	0.0000	0.000.0	0.000.0	0.1266	0.3758	0.3443	1.9555	2.6314	4.2611	3.6674	3.5795	3.0608	3.2465	3.6857	3.6542	3.0507	1.5882	1.0219	1.9752	1.6143	1.3187	1.8080	1.3653	1.1358	2.0805	1.9493
Mn (%)	0.0397	0.0768	0.0340	0.0209	0.0241	0.0178	0.0228	0.0226	0.0221	0.0524	0.0332	0.0218	0.0315	0.0376	0.0406	0.0271	0.0315	0.0212	0.0211	0.0216	0.0214	0.0174	0.0192	0.0180	0.0197	0.0190	0.0176	0.0182	0.0216	0.0404	0.0460	0.0282	0.0335	0.0320	0.0367	0.0381	0.0403	0.0337	0.0259
Cr (%) I	0.0000	0.0000	0.0018	0.0003	0.000.0	0.0018	0.0001	0.0006	0.000.0	0.000.0	0.0054	0.0083	0.0000	0.0000	0.000.0	0.0000	0.0000	0.0000	0.0000	0.0059	0.0056	0.0085 (0600.0	0.0064 (0.0076	0.0057	0.0049 (0.0074 (0.0069		0.0050	0.0024 (0.0067	0.0062 (0.0063	0.0068	0.0063	0.0053 (0.0071
(%) \	0.0000	0.0000	0.0007	0.0000	0.000.0	0.0000	0.0000	0.0000	0.000.0	0.0000	0.0034	0.0202	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000	0.000.0	0.1012 0	0.0889	0.0411	0.0421	0.1001	0.0604	0.1175 (0.1517	0.0977	0.0221	0.0037	0.0052 (0.0007	0.0032	0.0042	0.0064	0.0043	0.0043	0.0035	0.0031
Ti (%)	0.0308	0.1112 0	0.0942 0	0.0388	0.0259 0	0.5224 0	0.0462 0	0.0553 0	0.0105 0	0.0542 0	0.2700 0	0.2280 0	0.0389	0.0220 0	0.0298 0	0.0168 0	0.0324 0	0.0259 0	0.0345 0	0.3071 0	0.3292 0	0.2911 0	0.2813 0	0.2879 0	0.2737 0	0.2734 0	0.2970 0	0.2616 0	0.2721 0	0.2711 0	0.1806 0	0.1140 0	0.2975 0	0.2417 0	0.2302 0	0.2678 0	0.2447 0	0.2207 0	0.3384 0
Ba (%)	0.0000	0.0286 0	0.0202 0	0.0000	0.0000	0.2854 0	0.0000	0.0000	0.0000	0.0000	0.0603 0	0.0059 0	0.0000	0.0000	0.0000	0.0000	0.0000.0	0.0000.0	0.0000	0.0429 0	0.0000.0	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0888 0	0.1081 0	0.0012 0	0.0351 0	0.0703 0	0.0526 0	0.0619 0	0.0781 0	0.0535 0	0.0000
Ca (%) B	37.8443 0	31.6560 0	29.2530 0	35.3053 0	38.0828 0	22.7424 0	35.7155 0	35.3748 0	36.0755 0	36.6336 0	11.4503 0	8993	38.6328 0	36.0768 0	37.8831 0	38.9515 0	35.8680 0	37.8341 0	36.2007 0	3.8311 0	2.2180 0	2.0036 0	3.3170 0	1.5891 0	1.7610 0	1.4027 0	1.4461 0	2.1428 0	4.3059 0		18.7103 0	23.9631 0	9.0825 0	8.0943 0	11.1704 0	10.9992 0	10.7520 0	15.0387 0	4.2346 0
K (%)	0.4283 37	1.4392 31	1.2339 29	0.6080 35	0.4197 38	.9611 22	9788 35	1.1137 35	.2729 36	1.0711 36	4.2599 11	3.0093 9.	0.6088 38	0.2942 36	0.4062 37	0.2536 38	0.4178 35	0.4499 37	0.4889 36	4.4325 3.	4.2329 2.	3.7853 2.	3.7713 3.	3.8153 1.	4.0038 1.	3.7781 1.		3.4810 2.	3.2094 4.	2.3786 10	1.0186 18	0.7488 23	3.6281 9.	3.1433 8.	3.3227 11	3.2238 10	.3196 10	2.6205 15	4.7915 4.
			0.1709 1.2	-	0.1924 0.4	0.1379 3.9	0.2492 0.9	0.2665 1.1	0.2089 0.2	0.5036 1.0	0.2822 4.2	1.7549 3.0	0.5002 0.6	0.4428 0.2	0.3878 0.4	0.2252 0.2	0.4290 0.4	0.5715 0.4	0.3984 0.4	1.1999 4.4	1.7294 4.2	4.0718 3.7	2.9859 3.7	3.2955 3.8			3.6342 3.9	3.8456 3.4		0.6047 2.3	0.4922 1.0	1.9992 0.7	0.2663 3.6	0.0783 3.1	0.9350 3.3	0.2986 3.2	0.2609 2.3	1.4184 2.6	0.3296 4.7
S (%)	0.2491	0.2596		3 0.3041			_				_					_									3 2.7657	3.0731					_								
P (%)	0.0012	0.0526	0.0044	0.0333	0.0000	0.1143	0.0724	0.0097	0.0000	0.0135	0.0524	0.1526	0.0280	0.5206	0.0274	0.0019	0.0116	0.1606	0.0551	0.1094	0.0728				0.0623		0.0756	0.0857	0.0802	0.0907	0.0936	0.0489	0.0625	0.0747	0.0790	0.0761	0.0666	0.0734	0.0376
Si (%)	3.0700	5.6593	8.8822	3.9811	2.6051	13.1782	5.2647	5.7465	2.2601	5.2317	20.9354	14.4732	3.8718	2.6892	3.1001	2.1190	3.2699	3.4288	3.5164	23.3387	6.7429 23.1241	22.1360	22.6113	5.1884 21.9702	5.6614 24.1659	4.8984 22.2082	5.7809 23.5207	21.6774	20.1617	21.2747	1.8269 15.4564	1.3343 8.7624	22.8767	19.6734	21.8340	22.1908	21.9890	4.5826 17.3769	23.3904
(%) IY	0.4678	1.4942	2.1126	0.6718	0.2851	4.9662	1.3353	1.6137	0.1701	1.4082	7.4296	4.0088	0.8402	0.0664	0.4619	0.2022	0.4666	0.4232	0.4770	7.0966	6.7429	5.8949	5.1355	5.1884	5.6614	4.8984	5.7809		4.3287	4.2492	1.8269	1.3343	6.1355	4.7344	4.9157	5.1617	3.6192	4.5826	8.3163
Mg (%)	0.5988	0.1062	0.0000	0.5298	0.3032	0.5944	0.6211	0.2385	0.1919	0.4094	0.6266	0.5303	0.5620	0.8815	0.7472	0.1960	0.8249	0.4686	0.7688	1.6088	1.1136	1.3639	1.1966	0.9382	0.8973	0.6898	1.0212	1.0114	1.3154	3.6452	3.9291	1.5665	3.3160	2.3405	3.7826	3.4945	3.7075	2.6905	2.0746
Na (%)	0.3005	0.4053	0.3121	0.3289	0.2565	0.4918	0.3805	0.2922	0.3064	0.2896	0.4920	0.5428	0.2542	0.2458	0.2898	0.2462	0.3297	0.2595	0.3413	0.5803	0.5364	0.3870	0.4518	0.4446	0.4367	0.4972	0.4320	0.3949	0.5133	0.5256	0.4234	0.2862	0.5221	0.6512	0.4400	0.4642	0.4605	0.3663	0.5390
Depth (ft)	8181	8182	8183	8184	8185	8186	8187	8188	8189	8190	8191	8192	8193	8194	8195	8196	8197	8198	8199	8200	8201	8202	8203	8204	8205	8206	8207	8208			8211	8212	8213		8215	8216	8217	8218	8219
Well # D	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642
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2442 2222 0.0479 1.9841 2.3867 1.9420 0.0475 0.0476	၇	Ŋ	_	2	2	ω		ဖွ	ίÖ	ဖွ	<u></u>	ဖွ	Ŋ	Ŋ	4	Ñ	φ	φ	4	Ñ	က	၈	ဖွ	Ŋ	o	φ	တ္	က္က	φ	က္က	Ŋ	Ñ	O	Ņ	၅		ίζ	φ	<u>,</u>	၇
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8222 0.4368 1.9941 2.3967 19.4273 0.1021 1.3962 1.6251 9.8390 0.0366 0.1786 0.0045 0.0077 0.0071 0.0389 1.9940 0.0099 0.0094 8.8221 0.52681 1.8464 2.2422 2.01665 0.1044 1.0561 1.2525 0.0469 0.0475 0.0072 0.0032 0.0032 0.0032 0.0099 0.0094 0.0094 8.8222 0.4362 0.1426 0.1426 1.1456 0.1044 1.0561 1.2455 0.0469 0.1476 0.0073 0.0032 0.0032 0.0032 0.0099 0.0064 0.0094 0.1436 0	0.0014	0.0033	0.0017	0.0017	0.0023	0.0026	0.0027	0.0017	0.0016	0.0027	0.0023	0.0021	0.0039	0.0028	0.0036	0.0031	0.0022	0.0036	0.0027	0.0024	0.0031	0.0036	0.0026	0.0021	0.0024	0.0031	0.0039	0.0029	0.0032	0.0039	0.0025	0.0024	0.0030	0.0031	0.0026	0.0023	0.0025	0.0022	0.0030	0.0031
8220 04759 19941 2367 194273 0.1021 13362 16251 98380 00386 0.1786 0.0076 0.0070 0.0070 0.0070 0.0070 0.0098 822 0.0009 822 0.0043 8.0456 0.1645 0.1034 1.3661 1.5969 9.5728 0.0459 0.1645 0.0077 0.0071 0.0071 0.0073 0.0003 0.0009 822 0.0003 0.2882 0.0423 2244 1.3582 0.1786 1.2964 0.1645 0.1645 0.1645 0.1034 1.3661 1.5969 9.5728 0.0049 0.1780 0.0023 0.0035 0.0546 0.0003 0.	\vdash																																							_
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8220 0.4759 1.9941 2.3967 19.4273 0.1021 1.3982 16.251 98.390 0.0356 0.1756 0.0075 0.0075 0.0075 0.221 0.5298 2.0423 2.0425 0.1445 0.1045 0.1045 0.1045 0.0075 0.222 0.3403 2.1833 2.2449 13.5342 0.0759 1.2449 1.2621 2.1345 0.0045 0.1472 0.0045 0.0075 0.0075 0.222 0.3403 2.1833 2.2449 13.5342 0.0759 1.2449 1.2621 2.1345 0.0047 0.1730 0.0023 0.0035 0.222 0.3403 2.2432 2.0145 0.1546 0.0472 0.2526 0.0470 0.0471 0.0044 0.0041 0.0431 0.1546 0.0050 0.0322 0.0362 0.0077 0.0074 0.0054 0.0433 4.1289 1.13782 0.1546 0.0320 0.0302 0.0320 0.0077 0.0074 0.0439 4.1289 1.13782 0.0062 0.0303 2.229 8.945 0.0477 0.2427 0.0071 0.0054 0.0055 0.0478 0.3479 0.0471 0.2427 0.0071 0.0074 0.0431 0.0431 0.0431 0.0431 0.0428 0.0426 0.0303 0.0320 0.0077 0.0074 0.0431 0.0431 0.0431 0.0432 0.0366 0.1426 0.0320 0.0071 0.0071 0.0258 0.0367 0.0368 0.0367 0.0368 0.0367 0.0368 0.0367 0.0368 0.0367 0.0368 0.0367 0.0368 0.0367 0.0368 0.0367 0.0368 0.0367 0.0368 0.036	2.1189	1.8279	1.9020	1.3364	1.2326	1.5892	1.1733	0.4376	0.5630	0.1648	0.1735	0.1062	1.0793	1.3172	1.7316	0.7019	1.1942	1.3500	1.2339	0.8514	1.1809	1.2099	1.4394	1.7342	1.3710	1.3453	1.1573	0.9346	0.7753	0.8188	0.8319	0.7742	1.2203	1.1344	0.9366	0.6544	1.2024	1.4298	1.1376	1.1418
8220 0.4759 1.9941 2.3967 19.473 0.1012 1.3982 1.6251 9.8380 0.0356 0.1758 0.0045 8220 0.5298 2.0243 8.2366 5.1368 0.0415 0.1059 0.0179 0.0258 8220 0.5398 2.0243 2.3242 2.01648 0.1059 0.0179 0.0269 0.0279 0.0279 0.0279 0.0279 0.0079 <t< td=""><td>0.0356</td><td>0.0248</td><td>0.0338</td><td>0.0525</td><td>0.0410</td><td>0.0410</td><td>0.0374</td><td>0.0300</td><td>0.0304</td><td>0.0221</td><td>0.0239</td><td>0.0287</td><td>0.0365</td><td>0.0345</td><td>0.0381</td><td>0.0347</td><td>0.0363</td><td>0.0369</td><td>0.0363</td><td>0.0375</td><td>0.0356</td><td>0.0340</td><td>0.0301</td><td>0.0370</td><td>0.0385</td><td>0.0396</td><td>0.0355</td><td>0.0393</td><td>0.0328</td><td>0.0356</td><td>0.0331</td><td>0.0359</td><td>0.0366</td><td>0.0366</td><td>0.0382</td><td>0.0313</td><td>0.0374</td><td>0.0354</td><td>0.0357</td><td>0.0357</td></t<>	0.0356	0.0248	0.0338	0.0525	0.0410	0.0410	0.0374	0.0300	0.0304	0.0221	0.0239	0.0287	0.0365	0.0345	0.0381	0.0347	0.0363	0.0369	0.0363	0.0375	0.0356	0.0340	0.0301	0.0370	0.0385	0.0396	0.0355	0.0393	0.0328	0.0356	0.0331	0.0359	0.0366	0.0366	0.0382	0.0313	0.0374	0.0354	0.0357	0.0357
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8220 0.4759 1.9941 2.3967 19,473 0.1021 1.3882 1.6261 9.8380 0.0356 8221 0.5298 2.0423 8.2396 2.51368 0.0415 0.4265 5.2920 4.4290 0.0178 8222 0.5281 1.8484 2.2442 0.1645 1.0267 1.2690 9.572 0.0459 8223 0.3403 2.1833 2.2449 1.8546 0.0672 0.0608 1.9222 1.2439 0.0047 8224 0.4102 4.1289 3.1980 2.15486 0.0750 0.0608 1.9222 1.2489 0.00750 8225 0.4400 0.4388 0.5697 0.0789 0.3439 0.5986 0.0780 0.3443 0.0789 0.0473 8226 0.4400 0.4880 1.89647 0.0789 0.3443 0.0489 0.0388 0.6600 0.0486 0.0489 8228 0.4400 0.4880 0.0600 0.0620 0.0444 0.4039 1.4249 0.0600<								_		_						_											_													_
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8220 0.4759 1.9941 2.3967 19.4733 0.1021 1.3882 1.6251 8221 0.5298 2.0423 8.2396 25.1368 0.0415 0.4265 5.2920 8222 0.5081 1.8484 2.3422 20.1645 0.1034 1.3061 1.5090 8223 0.3403 2.1833 2.249 1.3542 0.0920 0.0920 0.2089 8224 0.4100 0.4318 0.7286 1.3792 2.6089 1.5022 8225 0.44878 3.6237 3.8205 25.1760 0.0920 0.3003 2.2298 8226 0.44878 3.6237 3.8205 25.1760 0.0920 0.3003 2.2298 8227 0.4409 0.4339 0.7286 13.7972 0.0784 0.4454 0.4039 8228 0.3469 0.3296 0.3298 0.0820 0.3443 0.3964 8230 0.3469 0.3286 11.203 0.0786 0.3303 2.2489 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>																																								
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8220 0.4759 1.9941 2.3967 19273 0.01021 8221 0.5288 2.0423 8.2396 25.1368 0.0415 8222 0.5081 1.8484 2.3422 20.1445 0.1034 8222 0.5081 1.8484 2.3422 20.1445 0.0415 8224 0.4192 4.1289 3.1980 21.5486 0.0920 8224 0.4192 4.1289 3.1972 22.5078 0.0901 8226 0.4878 3.6237 3.8205 25.1760 0.0920 8226 0.4878 3.6237 3.8205 25.1760 0.0920 8226 0.3419 0.5376 0.3164 6.0125 0.0784 8229 0.3419 0.5975 0.3144 6.0125 0.0313 8230 0.3660 1.1132 1.6880 18.9647 0.0784 8230 0.3469 0.3938 0.5987 1.1123 0.0632 8231 0.4369 2.5484 3.0149	1.62	5.29	1.50	1.26	1.92	2.04		0.40	0.99	0.19	0.33	0.31	2.38	2.19	2.15	2.04	2.18	2.13	2.33	1.92	7	2.50	2.10		2.33	2.40	7	2.34	1.88	2.22	1.95	2.06	2.69	2.78	2.38	1.67		2.23	2.66	2.79
8220 0.4759 1.9941 2.3967 19.4273 8221 0.5298 2.0423 8.2396 25.1368 8222 0.5081 1.8484 2.3422 20.1645 8223 0.5403 2.1833 2.2491 13.5342 8224 0.4192 4.1289 3.1980 21.5486 8225 0.4339 4.2213 3.1972 22.5078 8226 0.4878 3.6237 3.8205 25.1760 8226 0.4878 3.6237 3.8205 25.1760 8226 0.4478 3.6237 3.8205 25.1760 8226 0.4478 3.6237 3.8205 25.1760 8228 0.3766 1.1132 1.6880 18.047 8229 0.3469 0.3398 0.5987 11.1233 8230 0.3469 0.3483 0.5987 11.1233 8231 0.3266 0.4207 0.5965 11.2910 8232 0.4882 2.548 3.7147 <td< td=""><td>1.3982</td><td>0.4265</td><td>1.3061</td><td>1.2449</td><td>0.6089</td><td>0.8326</td><td>0.3003</td><td>0.4454</td><td>0.3443</td><td>0.2775</td><td>0.1974</td><td>0.2873</td><td>0.4585</td><td>0.5344</td><td>1.0353</td><td>0.0000</td><td>0.6009</td><td>0.8195</td><td>0.6258</td><td>0.1827</td><td>0.5991</td><td>0.4950</td><td>0.2920</td><td>1.0991</td><td>0.1608</td><td>0.8053</td><td>0.1999</td><td>0.1626</td><td>0.0214</td><td>0.0692</td><td>0.2573</td><td>0.0828</td><td>0.0598</td><td>0.1422</td><td>0.1034</td><td>0.0871</td><td>0.2647</td><td>0.7773</td><td>0.1916</td><td>0.1053</td></td<>	1.3982	0.4265	1.3061	1.2449	0.6089	0.8326	0.3003	0.4454	0.3443	0.2775	0.1974	0.2873	0.4585	0.5344	1.0353	0.0000	0.6009	0.8195	0.6258	0.1827	0.5991	0.4950	0.2920	1.0991	0.1608	0.8053	0.1999	0.1626	0.0214	0.0692	0.2573	0.0828	0.0598	0.1422	0.1034	0.0871	0.2647	0.7773	0.1916	0.1053
8220 0.4759 1.9941 2.3967 19.4273 8221 0.5298 2.0423 8.2396 25.1368 8222 0.5081 1.8484 2.3422 20.1645 8223 0.5403 2.1833 2.2491 13.5342 8224 0.4192 4.1289 3.1980 21.5486 8225 0.4339 4.2213 3.1972 22.5078 8226 0.4878 3.6237 3.8205 25.1760 8226 0.4878 3.6237 3.8205 25.1760 8226 0.4478 3.6237 3.8205 25.1760 8226 0.4478 3.6237 3.8205 25.1760 8228 0.3766 1.1132 1.6880 18.047 8229 0.3469 0.3398 0.5987 11.1233 8230 0.3469 0.3483 0.5987 11.1233 8231 0.3266 0.4207 0.5965 11.2910 8232 0.4882 2.548 3.7147 <td< td=""><td>0.1021</td><td>0.0415</td><td>0.1034</td><td>0.0759</td><td>0.0872</td><td>0.0901</td><td>0.0920</td><td>0.0784</td><td>0.0786</td><td>0.0313</td><td>0.0632</td><td>0.0525</td><td>3.0805</td><td>0.0788</td><td>0.0818</td><td>0.0755</td><td>0.0803</td><td>7870.0</td><td>0.0831</td><td>9.0676</td><td>0.0871</td><td>0.0692</td><td>0.0719</td><td>0.1019</td><td>0.0719</td><td>0.0814</td><td>7570.0</td><td>0.0851</td><td>0.0824</td><td>0.0779</td><td>7.790.0</td><td>0.0756</td><td>0.0576</td><td>0.0621</td><td>0.0770</td><td>0.0991</td><td>0.0762</td><td>0.0582</td><td>0.0783</td><td>0.0849</td></td<>	0.1021	0.0415	0.1034	0.0759	0.0872	0.0901	0.0920	0.0784	0.0786	0.0313	0.0632	0.0525	3.0805	0.0788	0.0818	0.0755	0.0803	7870.0	0.0831	9.0676	0.0871	0.0692	0.0719	0.1019	0.0719	0.0814	7570.0	0.0851	0.0824	0.0779	7.790.0	0.0756	0.0576	0.0621	0.0770	0.0991	0.0762	0.0582	0.0783	0.0849
8220 0.4759 1.9941 2.3967 8221 0.5298 2.0423 8.2396 8222 0.5081 1.8484 2.3422 8223 0.3403 2.1833 2.2449 8224 0.4192 4.1289 3.1980 8225 0.4339 4.2213 3.1972 8226 0.4878 3.6237 3.8205 8226 0.4878 3.6237 3.8205 8227 0.4100 0.4318 0.7286 8229 0.3469 0.3938 0.5987 8230 0.3469 0.3938 0.5987 8231 0.3296 0.4207 0.5965 8232 0.4882 2.5454 3.7177 8233 0.4959 2.5438 3.5214 8234 0.4214 2.4202 3.3991 8235 0.6706 1.3581 3.5465 8234 0.4527 2.735 2.545 8235 0.6706 1.3581 3.5465																													_											_
8220 0.4759 1.9941 8221 0.5298 2.0423 8222 0.5081 1.8484 8223 0.3403 2.1833 8224 0.4192 4.1283 8225 0.4339 4.2213 8226 0.4878 3.6237 8228 0.3676 1.1132 8229 0.3419 0.5975 8230 0.3469 0.3938 8231 0.3296 0.4207 8232 0.4882 2.5454 8233 0.4959 2.5436 8234 0.4214 2.4202 8235 0.6706 1.3581 8234 0.4214 2.4202 8235 0.6706 1.3581 8234 0.4214 2.4202 8235 0.6706 1.3581 8234 0.4214 2.4202 8235 0.6706 1.3581 8236 0.5236 2.3186 8237 0.4852 2.5436 8237 0.40608 2.0733 8238 0.4608 2.0733 8239 0.5962 1.2852 8240 0.5228 1.8829 8241 0.4070 1.9552 8242 0.6307 1.3359 8243 0.4527 2.7239 8249 0.4712 2.5386 8249 0.4712 2.5386 8250 0.4112 2.1892 8251 0.6812 1.7212 8252 0.4911 2.4076 8253 0.4762 1.6917 8256 0.5244 2.2840 8256 0.5244 2.2840 8258 0.5543 2.5428				149 13	380 21			286 13							391 25	111 23	253 27															503 24					384 24)58 24	395 25	
8220 0.4759 8221 0.5298 8222 0.5081 8223 0.3403 8224 0.4192 8225 0.4339 8226 0.4878 8227 0.4100 8228 0.3479 8230 0.3469 8231 0.3296 8231 0.3296 8232 0.4882 8233 0.4529 8234 0.4214 8235 0.6706 8234 0.4214 8235 0.6706 8234 0.4214 8235 0.6706 8234 0.4214 8235 0.6706 8234 0.4527 8240 0.5228 8241 0.6907 8242 0.6307 8243 0.4527 8249 0.4712 8250 0.4712 8250 0.4712 8251 0.6812 8252 0.4706 8253 0.4706 8254 0.4706 8255 0.4706 8255 0.4706																																								
8220 8221 8222 8223 8224 8224 8226 8226 8227 8228 8229 8230 8231 8232 8233 8234 8234 8234 8234 8234 8234	1.9941	2.0423	1.8484	2.1833	4.1289	4.2213	3.6237	0.4318	1.1132	0.5975	0.3938	0.4207	2.5454	2.5438	2.4202	1.3581	2.3186	2.5435	2.0793	1.2852	2.8286	1.9552	1.3359	2.7239	1.4819	2.8889	2.7318	2.7719	1.3401	2.5386	2.1892	1.7212	2.4076	2.3720	2.4161	1.6917	2.2840	2.4602	2.5428	2.6930
8220 8221 8222 8223 8224 8224 8226 8226 8227 8228 8229 8230 8231 8232 8233 8234 8234 8234 8234 8234 8234	0.4759	0.5298	0.5081	0.3403	0.4192	0.4339	0.4878	0.4100	0.3676	0.3419	0.3469	0.3296	0.4882	0.4959	0.4214	90.6706	0.5236	0.4359	0.4608	0.5962	0.5228	0.4700	0.6307	0.4527	0.5226	0.4716	0.5185	0.4907	0.6768	0.4712	0.4122	0.6812	0.4911	0.4785	0.4904	0.4762	0.5244	0.3736	0.5543	0.5107
24642 24642	8220	8221	8222	8223	8224	8225	8226		8228	8229	8230		8232	8233		8235	8236		8238		8240	8241		8243		8245	8246	8247		8249	8250	8251	8252	8253	8254	8255	8256	8257		8259
	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642

394	964	290	090	0.0036	926	355	946	747	744	090	0.0042	0.0043	0.0556	277	156	333	774	263	0.0085	970	178	0.0198	254	0.0158	392	0.0055	020	157	372	261	146	080	0.0044	322	191	926	273	690
2 0.0094	5 0.0064	5 0.0062	090000	F	2 0.0059	3 0.0055	4 0.0049	3 0.0047	3 0.0044	0.0060				1.1077	0.0156	0.0033	0.0074	7 0.2063		0.0079	0.0178		0.0254		0.0092		0.0070		0.0072	0.0061	0.0146			0.0022	0.0061	3 0.0059	3 0.0073	0.0069
0.0032	0.0025	0.0025	0.0030	0.0032	0.0022	0.0028	0.0024	0.0026	0.0028	0.0031	0.0019	0.0000	0.0000	0.0171	0.0000	0.0000	0.0000	0.0047	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008	0.0008	0.0020
0.0075	0.0054	0.0066	9900.0	0.0058	0.0000	0.0058	0.0043	0.0057	0.0043	0.0029	0.0047	0.0184	0.0210	0.0283	0.0245	0.0166	0.0181	0.0237	0.0181	0.0200	0.0237	0.0229	0.0245	0.0222	0.0190	0.0162	0.0202	0.0197	0.0177	0.0181	0.0179	0.0183	0.0195	0.0128	0.0122	0.0063	0.0051	0.0049
0.0006	0.0004	0.0005	9000.0	0.0013	9000.0	9000.0	0.0004	0.0005	0.0008	0.0003	0.0008	0.0015	0.0015	0.0015	0.0014	0.0011	0.0014	0.0008	0.0014	0.0014	0.0013	0.0012	0.0014	0.0012	0.0011	0.0012	0.0012	6000.0	0.0011	0.0012	0.0014	0.0011	0.0011	0.0012	0.0012	9000.0	0.0011	0.0007
1.1396	0.8214	0.9645	1.0918	3.0047	1.1243	1.1768	0.8943	1.0698	1.7803	0.2323	2.0498	3.1043	3.0309	3.0761	2.8216	2.1968	2.8273	1.5171	2.8151	2.9171	2.5361	2.3722	2.9150	2.4374	2.3506	2.5717	2.3796	1.7785	2.0523	2.3552	2.7534	2.1685	2.0601	2.2486	2.3923	1.1351	3.2973	1.4151
0.0373	0.0314	0.0368	0.0361	0.0294	0.0348	0.0334	0.0279	0.0321	0.0277	0.0430	0.0281	0.0179	0.0190	0.0202	0.0219	0.0288	0.0224	0.0300	0.0234	0.0212	0.0229	0.0228	0.0206	0.0218	0.0242	0.0261	0.0241	0.0261		0.0248	0.0212		0.0242	0.0207	0.0191	0.0420	0.0318	0.0301
0.0070	0.0061	0.0087	0.0076	0.0081	0.0075	0.0075	0.0071	0.0075	0.0064	0.0007	0.0067	0.0067	0.0050	0.0043 (0.0055 (0.0088	0.0067	0.0099	0.0059	0.0070	0.0064 (0.0081	0.0075	0.0068	0.0083	0.0085	0.0085 (0.0091	0.0094	0.0089	0.0081		0.0100	0.0080	0.0094 (0.0058	0.0035 (0.0053 (
0.0054	0.0030	0.0026	0.0036	0.0035	0.0031	0.0035	0.0011	0.0045	0.0020 C	0.000.0	0.0007	0.0973	0.1066	0.1373 0	0.1302 C	0.0550	0.0830	0.0661 C	0.0742	0.0723 0	0.1016	0.0795	0.0819	0.0798	0.0539	0.0435 C	0.0551	0.0504	0.0458	0.0526	0.0574		0.0416 C	0.0344	0.0159 C	0.0066	0.0054	0.0033
3114	0.2733 0	0.2721	0.3171 0	0.3034 C	0.3186	0.3226	0.2679	0.2967	0.2851 C	0.1110	0.2605	0.3006	0.2692	0.2996	0.2994 C	0.2000	0.2778	0.1748 0	0.2563	0.2715 0	0.2806	0.2628	0.3199 C	0.2789 0	0.2564 0	0.2431	0.2462 C	0.2051	0.2268	0.2426	0.2697		0.2161 C	0.2069	0.2771	0.1416	0.1028	0.2241
0.0944	0.1177 0	0.0882 0	0.1107 0	0.0820 0	0.0913 0	0.0786 0	0.1264 0	0.1011 0	0.0807 0	0.0490 0	0.0971 0	0.0000	0.0000	0.0000	0.0000	0.0121 0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0194 0	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0242 0		0.0579 0
7.7745 0	2.9073 0	10.2426 0	9.5471 0	7.1923 0	9.2241 0	9.6228 0	16.1028 0	10.5486 0	11.3848 0	29.6161 0	13.5196 0	1.5676 0	1.8133 0	1.0657 0	1.4134 0	3.3228 0	2.5248 0	1.9436 0	.6572 0	2.7166 0	1.4976 0	1.6014 0	.2611 0	1.4896 0	4.5144 0	3.7626 0	1.9385 0	2.8816 0		.9016	1.7532 0		0.9442 0	1.0969 0	1.1669 0	16.2861 0	19.0362 0	148726 0
2.7117 7.	2.0891 12	2.3071 10	.5850 9.	2.5212 7.	2.5690 9.	2.6469 9.	1.8856 16	.5506 10	2.3570 11	0.7838 29	2.3576 13	4.4051 1.	3.6784 1.	3.9672 1.	3.6345 1.	2.3380 3.	3.4449 2.	2.2129 1.	3.5045 3.	3.3816 2.	3.8114 1.	3.6734 1.	4.0428 1.	3.7715 1.	.9902 4.		3.2076 1.	2.6920 2.	7	3.1150 1.	3.5694 1.		3.3443 0.	6.9678 1.	4.0908 1.	1.4646 16	0.3678 19	28349 14
H.			7					7																	7				7									
0.1694	0.1211	0.1279	0.1116	4.0175	0.2027	0.2495	0.3291	0.2807	1.4067	0.4301	2.1709	2.4683	2.4961	2.7856	2.1082	1.5921	2.3455	1.0450	2.3979	2.6217	2.1092	2.0213	2.1736	2.2187	2.1509	2.0880	2.1328	1.8419	1.4054	1.8268	2.1408	1.7989	1.6928	2.6314	1.6789	0.7334	2.5969	0.7746
0.0752	0.0955	0.0793	0.0906	0.0593	0.0740	0.0733	0.0661	0.0820	0.0789	0.0475	0.0689	0.1131	0.0766	0.0705	0.0648	0.0694	0.0953	0.0694	0.0717	0.0830	0.0687	0.0699	0.0742	0.0819	0.0965	0.0899	0.0721	0.0811	0.0725	0.0769	0.0754	0.0674	0.0705	0.0542	0.0751	0.2533	0.0590	0.0600
23.1573	21.3401	24.5240	25.4868	23.1145	25.4165	25.1420	20.5567	24.9160	22.9867	8.2731	20.6079	24.6988	23.0744	23.0027	26.0944	30.1816	27.8038	29.7031	25.6264	26.2346	26.6066	28.8728	24.0623	27.5961	27.9954	27.7490	29.9594	31.8898	28.7925	28.8242	25.8366	32.0615	31.3710	28.4839	22.3837	16.0835	5.8286	15.8403
4.1637	3.5081 21.3401	3.8549	4.5314 25.4868	4.2248	4.4030	4.4896	3.5040	4.3701	4.3367	1.5018	4.0606	6.8529	5.7654	6.3324	5.8259 26.0944	3.5406	5.7187	2.7667	5.3062	5.2912	5.5038	5.2626	6.0855	5.7112	4.2512	3.9089	4.6301 29.9594	3.8154		4.5832	5.3069	3.9994 32.0615	4.4564	6.1410	5.7260	2.3058 16.0835	0.7499 5.8286	4.3256 15.8403
1.8033	1.7774	2.3701	2.8445	2.2454	2.2890	2.1347	1.3294	1.7404	1.4933	0.7363	1.2740	1.3243	0.9234	1.1685	0.9983	1.7361	1.8164	0.1068	1.7185	1.2246	1.0380	1.0520	1.2028	1.3629	0.9867	1.2672	1.0998	0.9647	0.7530	1.3544	1.5082	1.1161	0.8625	0.1422	0.5236	7.8574	9.2429	5.6334
0.5981	0.5153	0.4626	0.5207	0.2595	0.4795	0.4576	0.3928	0.4442	0.3923	0.3717	0.3217	0.4608	0.4889	0.4523	0.4999	0.4521	0.4830	0.5075	0.4082	0.4221	0.4797	0.4825	0.4960	0.4872	0.4198	0.4197	0.4215	0.4464	0.5124	0.5024	0.4874	0.4405	0.5144	0.3172	0.6263	0.4125	0.3767	0.4060
8260	8261 (8262 (8263 (8264 (8265 (8266	8267 (8268	8269 (8270 (8271 (8272 (8273 (8274 (8275 (8276	8277 (8278	8279 (8280	8281	8282	8283 (8284 (8285 (8286 (8287 (8290	8291 (8293 (8294 (8295 (8296 (8297 (8298
24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642
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0.0088	0.0065	0.0073	0.0070	0.0071	9900.0	0.0075	0.0062	0.0062	9900.0	0.0050	6900.0	0.0073	0.0085	0.0063	0.0074	0.0058	0.0064	0.0068	0.0071	0.0052	0.0094	0.0073	0.0079	0.0000	0.0062	0.0058	0.0074	0.0075	0.0063	6900.0	0.0077	0.0075	0.0074	0.0074	0.0075	0.0074	0.0072	0.0077	0.0068
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0.0003	0.0027	0.0008	0.0005	0.0015	0.0007	0.0025	0.0022	0.0020	0.0036	0.0069	0.0021	0.0021	0.0018	0.0021	0.0020	0.0032	0.0028	0.0031	0.0024	0.0030	0.0022	0.0022	0.0006	0.0028	0.0026	0.0021	0.0024	0.0022	0.0036		0.0010	0.0035	0.0024	0.0019	0.0018	0.0024	0.0007	0.0010	0.0014
0.0078	0.0059	0.0066	0.0068	0.0057	0.0069	0.0036	0.0044	0.0050	0.0055	0.0052	0.0050	0.0056	0.0057	0.0046	0.0048	0.0043	0.0041	0.0039	0.0053	0.0033	0.0057	0.0046	0.0059	0.0044	0.0059	0.0073	0.0087	0.0046	0.0039	0.0052	0.0058	0.0045	0.0048	0.0051	0.0049	0.0042	0.0063	0900.0	0900.0
0.0003	0.0007	0.0003	0.0003	0.0004	0.0003	0.0006	0.0011	0.0007	0.0007	0.0009	0.0007	0.0011	0.0008	0.0009	0.0008	0.0010	0.0009	0.0012	0.0006	0.0012	0.0007	0.0006	0.0004	0.0008	0.0004	0.0003	0.0004	0.0007	0.0009	0.0008	0.0004	0.0010	0.0008	0.0006	0.0008	0.0007	0.0004	0.0005	0.0004
0.2561	1.3943	0.3324	0.4454	0.7987	0.3284	1.0924	2.6733	1.6550	1.4524	1.8926	1.3265	2.3387	1.8743	2.0896	1.7213	1.9855	1.9984	2.4232	1.3449	2.6906	1.4286	1.3188	0.7179	1.5642	0.7992	0.5162	0.6569	1.5555	1.9252	1.7258	0.7199	2.1690	1.8988	1.4480	1.8971	1.6849	0.7308	0.9866	0.6454
0.0394	0.0284	0.0395	0.0411	0.0328	0.0424	0.0285	0.0306	0.0340	0.0343	0.0362	0.0393	0.0308	0.0357	0.0331	0.0333	0.0325	0.0273	0.0229	0.0318	0.0245	0.0301	0.0288	0.0373	0.0269	0.0390	0.0381	0.0361	0.0297	0.0267	0.0323	0.0352	0.0291	0.0292	0.0324	0.0283	0.0304	0.0335	0.0337	0.0364
0.0062	0.0073	0.0054	0.0040	0.0058	0.0054	0.0042	0.0062	0.0058	0.0000	0.0061	0.0055	0.0072	0.0057	0.0055	0.0055	9900.0	0.0062	0.0081	0900.0	0.0064	0.0068	0.0059	0.0031	0.0070	0.0047	0.0063	0.0000	0.0058	0.0070	0.0062	0.0045	0.0068	0.0064	0.0061	0.0054	0.0053	0.0045	0.0048	0900.0
0.0097	0.0045	0.0082	0.0067	0.0056	0.0087	0.0011	0.0025	0.0027	0.0008	0.0024	0.0021	0.0009	0.0015	0.0020	0.0020	0.0008	0.0031	0.0012	0.0033	0.0029	0.0018	0.0021	0.0062	0.0010	0.0043	0.0092	0.0080	0.0024	0.0000	0.0014	0.0053	0.0003	0.0020	0.0017	0.0019	0.0025	0.0053	0.0059	0.0082
0.0371	0.2340	0.0721	0.1065	0.1686	0.0585	0.2186	0.2586	0.2593	0.3323	0.2961	0.2411	0.3571	0.2996	0.2902	0.2819	0.3410	0.2606	0.3083	0.2378	0.2894	0.2692	0.2477	0.1083	0.2941	0.1759	0.1144	0.1529	0.2405	0.3341	0.2773	0.0946	0.3729	0.2968	0.2420	0.2693	0.2387	0.1461	0.1406	0.0709
0.0000	0.0493	0.000.0	0.0337	0.0487	0.000.0	0.0228	0.0699	0.0900	0.0971	0.0868	0.0373	0.0517	0.0803	0.0776	0.0675	0.0636	0.0590	0.0371	0.0849	0.0178	0.0733	0.0562	0.0284	0.0786	0.0574	0.0364	0.0750	0.0988	0.0634	0.0887	0.0041	0.0567	0.1014	0.0955	0.1356	0.0952	0.0209	0.0230	0.0017
5.3559	10.9248	16.7883	18.8548	16.9435	17.9340	11.2985	14.4654	15.3194	10.4725	12.6971	16.5621	7.2237	13.3583	13.2177	13.6022	8.5828	12.5027	5.0213	15.3698	8.2002	13.5722	15.5862	21.9371	8.5270	17.9156	14.8981	12.0729	15.8515	10.2953	14.6271	18.4492	7.1893	14.1850	16.4265	13.9544	15.2842	19.9544	18.2889	18.0444
1.5412 1	3.3109 1	0.5053 1	0.4900	1.5562 1	0.7492 1	2.9165	2.8584 1	3.2583 1	4.5559 1	3.8613 1	2.9300	4.5652	3.3624 1	3.2742 1	3.1563 1	4.5579	3.9569 1	5.0558	3.3580 1	4.3510	3.8448 1	3.3529 1	1.0931	4.1880	1.1699 1	1.1802 1	1.5048 1	3.1245 1	4.3445	3.0355 1	0.8368 1	4.7921	3.3301	2.2908 1	3.0074 1	2.5019 1	1.2641	1.8402 1	1.0083
0.1213 (3658	0.1340 (0.2021	0.2489	1.4091	0.1846	1.9019	0.5107	0.1810 4	0.3428	0.1876	0.4821 4	0.2911	0.6876	0.3065	0.4657	0.6178	0.6388	0.1479	1.1343 4	0.0409	0.0508	0.1023 1	0.0226	0.0977	0.0871		0.0455	0.0029	0.0361	0.0780	0.000.0	0.0217	0.0418	0.0158	0.0185	0.0968	0.1534 1	0.8197
0.0627 0	0.0750 0.	0.0621 0	0.0647 0	0.0638 0	0.0212 1	0.0787 0	0.0692	0.0617 0	0.0662 0	0.0494 0	0.0965 0	0.0654 0	0.0564 0	0.0776 0	0.0735 0	0.0636 0	0.0614 0	0.0472 0	0.0768 0	0.0731	0.0646 0	0.0651 0	0.0434 0	0.0754 0	0.0754 0	0.0683 0	0.0943 0	0.0732 0	0.0626 0	0.0874 0	0.0877 0	0.0702 0	0.0980	0.0936 0	0.0643 0	0.0850 0	0.0592 0	0.0675 0	0.0900
	22.0849 0	14.4667 0	12.7132 0	14.6981 0	13.3581 0	13.0865 0	14.3248 0	15.9345 0	20.3712 0	16.5624 0	15.9453 0	20.1294 0		17.3508 0	15.8781 0	22.1843 0	18.1340 0	20.8994 0	15.9800 0	20.6361 0	14.2598 0		8.2143 0				21.8107 0			15.1367 0	11.1561 0	21.6068 0	16.6431 0	15.0524 0		15.3582 0	12.5330 0		14.7588 0
0.8738 15	5.3083 22	0.7128 14	0.8185 12	2.5906 14	1.1735 13	3.8610 13	4.4448 14	4.8429 15	6.4253 20	4.8324 16	4.4177 15	6.3848 20	4.5240 14.3702	5.4659 17	4.8648 15	7.1314 22	5.7194 18	7.1908 20	4.6865 15	6.8201 20	4.5165 14	5.0929 16	1.4646 8.	5.4354 18	1.7687 14.0915	1.4637 19.3130	1.7905 21	4.4090 14.6979	6.7097 19		1.1560 11	6.9614 21	5.0390 16	3.6438 15	4.8270 16.0097	3.7812 15	1.6605 12	2.2917 13.6911	1.3518 14
Ш																																							
6.1543	4.9722	8.1802	9.4461	6.9441	6.3138	3.1360	5.7214	6.5412	3.7781	3.5833	6.8826	3.2151	4.0716	5.8487	5.5218	4.1044	4.6462	2.2367	5.5610	4.0908	3.6310	6.3733	10.2637	2.9358	8.7307	7.2994	5.2129	6.7751	4.4781	6.2320	8.2155	3.0115	6.1058	7.4452	5.9572	6.6779	9.7660	7.9029	9.0781
0.4334	0.4806	0.4083	0.4115	0.4108	0.3429	0.5865	0.3925	0.4294	0.5200	0.4574	0.4739	0.5760	0.4787	0.4474	0.4890	0.5080	0.4606	0.5496	0.4739	0.4819	0.5644	0.4811	0.4094	0.6289	0.4098	0.4199	0.4542	0.5113	0.5343	0.4984	0.4567	0.5555	0.4979	0.4685	0.4722	0.4656	0.4180	0.4253	0.4188
8300	8301	8302	8303	8304	8305	8306	8307	8308	8309	8310	8311	8312	8313	8314	8315	8316	8317	8318	8319	8320	8321	8322	8323	8324	8325			8328		8330	8331	8332	8333	8334	8335	8336	8337	8338	8339
24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642

81	620	72	172	92	174	92	89	181	175	181	173	181	22	121	22	69	09	92	9	92	29	94	164	22	162	44	19	92	171	171	82	63	22	89	68	090	174	020	22
0.008	0.007	0.0072	0.0072	0.0076	0.0074	0.0076	0.0068	0.0081	0.0075	0.0081	0.0073	0.0081	0.0055	0.0057	0.0075	0.0069	0900.0	0.0056	0.0065	0.0076	0.0067	0.0064	0.0064	0.0057	0.0062	0.0044	0.0061	0.0062	0.0071	0.0071	0.0078	0.0063	0.0075	0.0068	0.0089	0.0060	-	-	0.007
0.0031	0.0039	0.0006	0.0028	0.0010	0.0003	0.0001	0.0008	0.0025	0.0005	0.0026	0.0002	0.0003	0.0041	0.0038	0.0030	0.0038	0.0031	0.0033	0.0028	0.0032	0.0025	0.0028	0.0035	0.0033	0.0032	0.0042	0.0029	0.0027	0.0021	0.0029	0.0021	0.0022	0.0027	0.0022	0.0020	0.0032	0.0021	0.0015	0.0016
0.0038	0.0024	0.0068	0.0039	0.0057	0.0071	0.0067	0900.0	0.0035	0.0061	0.0046	0.0061	0.0065	0.0022	0.0021	0.0041	0.0018	0.0027	0.0020	0.0028	0.0025	0.0035	0.0032	0.0026	0.0020	0.0023	0.0015	0.0023	0.0031	0.0036	0.0026	0.0034	0.0036	0.0039	0.0036	0.0047	0.0022	0.0040	0.0047	0.0045
0.0009	0.0013 0	0.0004 0	0.0011 0	0.0004 0	0.0004 0	0.0004 0	0.0003	0.0007	0.0004	0.0009	0.0003 0	0.0004 0		0.0020	0.0012 0	0.0016 0	0.0015 0	0.0013 0	0.0012 0	0.0014 0	0.0014 0	0.0015 0	0.0019 0	0.0015 0	0.0012 0	0.0015 0	0.0006	0.0010	0.0004 0	0.0010	0.0005	0.0008	0.0014 0	0.0009	0.0011 0	0.0015 0	-	-	0.0006
-			-										1 0.0021																	_							-	-	
1.8008	2.7472	0.7555	2.6036	0.8489	0.6011	0.6802	0.4617	1.5345	0.5585	2.0353	0.4377	0.7821	4.3381	4.3116	2.5755	3.5030	3.5444	3.3957	3.1048	3.2974	3.2657	3.5711	4.2919	3.5163	2.8386	3.6918	1.5416	2.3801	0.9652	2.6136	1.3020	2.0585	3.0963	2.2478	2.7830	3.4511	2.0659	1.3312	1.5661
0.0278	0.0219	0.0358	0.0282	0.0366	0.0380	0.0378	0.0376	0.0323	0.0421	0.0354	0.0445	0.0459	0.0253	0.0276	0.0349	0.0250	0.0255	0.0254	0.0288	0.0262	0.0341	0.0365	0.0303	0.0293	0.0294	0.0243	0.0278	0.0307	0.0332	0.0250	0.0280	0.0279	0.0264	0.0269	0.0275	0.0210	0.0279	0.0337	0.0303
0.0064	0.0080	0.0056	6900.0	0.0039	0.0042	0.0039	0.0048	0.0043	0.0039	0.0063	0.0022	0.0039	0.0084	0.0070	0.0064	0.0071	0.0059	0.0058	0.0054	0.0057	0.0056	0.0057	0.0071	0.0054	0.0048	0900.0	0.0038	0.0048	0.0026	0.0056	0.0032	0.0050	0.0079	0.0054	0.0052	0.0065	0.0048	0.0042	0.0040
0.0000	0.0000	0.0072	0.0000	0.0050	0.0072	0.0075	0.0077	0.0009	0.0056	0.0004	0.0035	0.0068	0.0032	0.0026	0.0000	0.0000	0.0012	0.0007	0.0001	0.0017	0.0018 (0.0018	0.0003	0.0009	0.000.0	0.0008	0.0000	0.0011	0.0017	0.0005	0.0031	0.0015 (0.0013 (0.0020	0.0048	0.0004	-	-	0.0039
0.2877 0	0.3465 0	0.1026 0	0.3334 0	0.1085 0	0.1055 0	0.0808	0.0679 0	0.2107 0	0.0874 0	0.2915 0	0.1383 0	0.1010 0	0.4091 0	0.3816 0	0.3752 0	0.3257 0	0.3449 0	0.3155 0	0.2838 0	0.3004 0	0.2984 0	0.2986 0	0.3570 0	0.3123 0	0.2963 0	0.3324 0	0.1831 0	0.2575 0	0.1528 0	0.2663 0	0.1653 0	0.2162 0	0.3401 0	0.2556 0	0.2344 0	0.3125 0	-	-	0.2018 0
-							-													-								_									-	-	
0.0549	0.0090	0.0208	0.0685	0.0118	0.0399	0.0000	0.0000	0.0660	0.0010	0.1134	0.0325	0.0084	0.0000	0.0108	0.0650	0.0082	0.0772	0.0672	0.0725	0.0534	0.0654	0.0618	0.0407	0.0533	0.1321	0.0558	0.0643	0.0905	0.0344	0.0904	0.0663	0.0976	0.0720	0.1179	0.1326	0.0235	_	-	0.1899
10.0614	4.1989	18.6169	10.0059	20.8222	20.0906	20.6038	19.2061	14.4084	21.7423	12.8721	22.1879	21.8020	2.6936	4.3290	7.9002	5.6363	11.0057	14.5188	15.6205	8.7252	11.6621	11.2281	7.4759	12.0956	14.9353	13.2025	23.5752	16.5297	25.7553	19.7742	23.3240	19.9187	7.5536	15.0021	14.1163	8.5338	17.3919	18.6733	17.3721
4.1890	4.4688	1.2264	3.7126	1.0176	0.5739	0.8913	0.6122	2.4973	0.9080	3.7935	0.3645	1.0829	4.8709	4.0446	4.3279	3.6045	3.9040	3.3493	2.8062	2.8869	3.1057	2.9842	3.9378	3.3637	3.4555	4.0170	1.9681	2.5840	1.4062	2.5994	1.3815	2.0138	3.9173	2.4351	2.0277	3.2883	1.7100	1.3347	1.5524
0.0000	0.0000	0.1451	0.0000	0.3748	0.2810	0.1066	1.2485	0.0059	0.7643	6900.0	0.3063	0.0952	0.0000	0.0000	0.0000	0.0000	1.2035	1.4244	0.0333	0.0000	0.0000	0.0000	0.0000	0.0015	0.0150	0.0425	1.0580	0.0446	0.1282	0.0482	5.2693	0.2124	0.0684	3.6679	0.2183	0.3520	0.1864	0.5386	3.6423
0.0786	0.0541	0.0428	0.0649	0.0541	0.0635	0.0548	0.0662	0.0686	0.0538	0.0797	0.0360	0.0373	0.0494	0.0426	0.0559	0.0516	0.0881	0.0588	0.0727	0.0799	0.0551	0.0627	0.0415	0.0713	0.0620	0.0651	0.0729	0.0721	0.0815	0.0834	0.0644	0.0636	0.0668	0.0864	0.0857	0.0448	-	-	0.0883
16.6077		13.2265 (17.5388 (9.6662	11.4005 (10.3752 (12.1462 (9.0129 (6.6395	9.8349 (23.2153 (17.8083 (18.6027	16.0228	14.5318 (15.3556 (15.8166 (16.5982 (18.6517 (16.9696			11.4684 (15.7395 (9.5464 (11.8605 (7.8343 (12.7581	18.4859 (12.7775 (12.0389 (-	-	9.8927
5.4924 16	6.0340 18.6061	1.5303 13	5.4728 17	1.3001 9.	0.8401 11	1.0730 10	0.9063 12.4280	3.3597 12	1.2413 9.	5.4644 16.8536	0.6479 6.	1.6029 9.	7.7867 23	6.8719 20.9103	6.3310 19.5830	5.4883 17	6.3302 18	5.6418 16	4.9758 14	4.7997 15	5.4032 15	5.5592 16	6.2676 18	5.8087 16	5.7865 16.6677	6.2928 17.6173	3.3937 11	4.4475 15	2.4158 9.	4.2709 11	2.5333 7.	3.5381 12	6.5442 18	4.2433 12	3.0922 12	5.8567 17.3335	3.3605 11.8986	`	2.4193 9.
3.3902	1.8174	8.0250	4.3043	8.6846	10.5071	9.6359	9.9401	4.9517	10.0189	4.9157	10.2637	9.3610	2.2638	2.6238	2.8320	1.2958	2.0205	1.8011	3.5262	2.6554	4.4500	4.6859	2.6584	2.7348	2.6808	1.5038	2.4589	3.2496	5.0562	2.7995	4.2451	4.3248	3.5449	4.7792	3.9880	3.7394	6.0648	6.5602	5.2300
0.6393	0.7000	0.4013	0.5314	0.4112	0.4132	0.4098	0.3992	0.5286	0.4016	0.5015	0.4004	0.4043	0.5747	0.5021	0.4921	0.5731	0.4887	0.3635	0.4636	0.6109	0.4784	0.4876	0.4851	0.5070	0.4680	0.4636	0.3776	0.4651	0.4379	0.4790	0.2365	0.4133	0.5603	0.3501	0.5261	0.4843	0.4572	0.4177	0.3332
8340	8341	8342	8343	8344	8345	8346	8347	8348	8349	8350	8351	8352	8353	8354	8355	8356	8357	8358	8359	8360	8361	8362	8363	8364	8365	8366	8367	8368	8369	8370	8371	8372	8373	8374	8375	8376	8377	8378	8379
24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642
Ĺ																																							

0.0067	0.0067	9900.0	0.0070	0.0077	0.0074	0.0075	0.0075	0.0003	0.0079	0.0019	0.0084	0.0008	0.0063	0.0069	0.0040	0.0067	0.0052	0.0070	0.0071	0.0008	0.0064	0.0058	0.0075	0.0083	0.0077	0.0072	0.000.0	0.0091	0.0068	0.0064	0.0061	0.0054	0.0071	9900.0	0.0089	0.0065	0.0063	0.0067	0.0084
0.0014	0.0022	0.0020	0.0025	0.0034	0.0029	0.0028	0.0031	0.0004	0.0019	0.0036	0.0029	0.0004	0.0024	0.0023	0.0016	0.0012	0.0026	0.0033	0.0028	0.0003	0.0028	0.0010	0.0023	0.0021	0.0033	0.0025	0.0003	0.0022	0.0022	0.0031	0.0029	0.0005	0.0018	0.0030	0.0022	0.0034	0.0017	0.0015	0.0018
0.0041	0.0038	0.0047	0.0040	0.0018	0.0030	0.0030	0.0026	0.0016	0.0037	0.0000	0.0037	0.0018	0.0035	0.0029	0.0021	0.0056	0.0018	0.0034	0.0040	0.0018	0.0017	0.0043	0.0041	0.0045	0.0034	0.0038	0.0014	0.0046	0.0040	0.0022	0.0026	0.0052	0.0041	0.0030	0.0043	0.0024	0.0044	0.0044	0.0042
0.0007	0.0008	0.0007	0.0011	0.0008	0.0011	0.0010	0.0009	0.0002	0.0005	0.0002	0.0012	0.0001	0.0012	0.0009	9000.0	0.0004	0.0012	0.0018	0.0012	0.0002	0.0005	0.0004	0.0009	0.0007	0.0021	0.0011	0.0001	0.0009	0.0008	0.0008	0.0009	0.0003	0.0009	0.0014	0.0009	0.0012	0.0005	0.0004	0.0005
1.8026	1.7776	1.6649	2.5675	1.7901	2.6910	2.2732	2.1282	0.2767	1.1191	0.1581	2.6777	0.1336	2.9255	2.2611	1.3708	0.8417	2.9289	4.0556	2.8669	0.1168	1.0745	0.8182	1.9712	1.6115	4.7287	2.4257	0.1389	1.9278	1.8480	2.0732	2.1112	0.2623	2.2552	3.5812	2.3382	2.7599	1.1000	0.7089	1.1132
0.0286	0.0303	0.0311	0.0282	0.0241	0.0245	0.0262	0.0257	0.0204	0.0279	0.0184	0.0312	0.0198	0.0237	0.0255	0.0212	0.0357	0.0215	0.0286	0.0307	0.0207	0.0264	0.0312	0.0322	0.0366	0.0242	0.0304	0.0208	0.0320	0.0329	0.0249	0.0242	0.0349	0.0362	0.0287	0.0303	0.0229	0.0319	0.0329	0.0308
0.0039	0.0053	0.0049	0.0075	0.0050	0.0059	0.0059	0.0056	0.0035	0.0041	0.0024	0.0056	0.0015	0.0068	0.0059	0.0047	0.0046	0900.0	0.0072	0.0061	0.0045	0.0035	0.0039	0.0054	0.0046	0.0093	0.0055	0.0027	0.0056	0.0046	0.0050	0.0050	0.0043	0.0040	0.0063	0.0052	0.0068	0.0044	0.0033	0.0030
0.0017	0.0038	0.0047	0.0018	0.0007	0.0019	0.0012	900000	0.0012	0.0058	0.0000	0.0019	0.0047	0.0005	0.0002	600000	0.0068	0.0028	0.0027	0.0023	0.0026	0.0045	0.0040	0.0023	0.0022	0.0027	0.0001	0.0026	0.0012	0.0019	0.0000	0.0000	0.0036	0.0026	0.0015	0.0028	0.0000	0.0032	0.0023	0.0016
0.1850	0.1817	0.2132	0.2897	0.1698	0.2338	0.2346	0.2106	0.0219	0.1218	0.0080	0.2471	0.0182	0.2795	0.2366	0.1206	0.1806	0.2370	0.3456	0.2986	0.0203	0.1507	0.1389	0.2489	0.2240	0.3757	0.3108	0.0147	0.2929	0.2253	0.2743	0.2633	0.1427	0.1742	0.2784	0.2490	0.3292	0.1776	0.1298	0.1413
0.0884	0.0301	0.1728	0.0773	0.0361	0.0478	0.0251	0.0413	0.0000	0.1248	0.0000	0.0461	0.0000	0.0656	0.0778	0.0264	0.2095	0.0405	0.0302	0.0637	0.0000	0.1230	0.0883	0.1084	0.1458	0.0345	0.0463	0.0000	0.0732	0.0798	0.0574	0.1227	0.0682	0.0324	0.0775	0.0643	0.0675	0.0803	0.0459	0.0633
19.9191	15.2544	16.3860	12.0460	12.0968	10.6046	10.2795	10.3503	22.5865	16.8942	16.6477	10.6043	22.4165	12.8686	14.5731	17.6733	16.3124	14.0397	7.7547	10.5001	22.6011	14.3194	19.5224	11.0615	16.2596	6.3520	11.0096	23.7756	10.9227	18.4522	17.2714	17.3133	20.8001	19.3291	13.5084	14.9637	10.2355	19.3499	24.3289	23.1568
1.2940	2.1226	2.1435	2.8892	1.7591	2.3287	2.5004	2.2545	0.1187	0.9573	0.0000	2.7493	0.0000	2.6625	1.9212	1.0198	1.2270	2.5171	4.2313	3.0411	0.0039	1.0840	0.8960	2.4830	2.0077	4.1948	3.1958	0.0000	3.1202	2.1909	3.4320	3.4809	0.8363	1.8192	3.1392	2.4752	4.2999	1.7880	1.2237	1.3469
4.2123	1.3792	1.6614	0.1678	1.5695	0.0199	0.0694	0.0270	18.6460	3.8911	17.4223	0.0000	18.5947	4.5797	7.4696	14.0618	3.6744	9.7304	0.0000	0.0711	18.5769	8.3343	7.8408	1.9483	2.2862	0.5900	0.7387	18.6156	0.3456	0.1559	1.2718	1.3477	7.3870	0.1296	0.0280	0.0533	0.0701	1.7232	0.2115	0.1158
0.1242	0.0993	0.0830	0.0934	0.0914	0.0668	0.0652	0.0881	0.000.0	0.1296	0.1715	0.1017	0.0373	0.0993	0.0839	0.1590	0.1138	0.0946	0.0401	0.0770	0.0000	0.1125	0.1055	0.0953	0.0773	0.0568	0.0644	0.0000	0.0634	0.0765	0.0786	0.0877	0.0888	0.0599	0.0621	0.0842	0.0717	0.1003	0.0753	0.0842
8.8433	15.0398	14.0044	16.8584	10.8963	14.3841	14.8141	14.9559	0.3734	9.0063	1.0255	14.8804	0.1120	13.8322	9.2573	5.4271	14.3664	9.5919	19.6538	18.5350	0.2124	8.7834	8.4732	14.7193	13.7268	16.8034	17.5480	0.0000	14.1441	14.2068	15.4904	15.5977	9.8755	10.4457	15.2772	12.4674	20.0745	13.3527	10.3121	8.1603
2.4693	3.6081	3.2761	4.7386	2.5760 10.8963	3.6169	3.8626	3.6740	0.2775	1.6824	0.5901	3.9096	0.0909	4.3301	2.7406	1.7310	1.9257	3.5483	6.4697	4.9187	0.1742	1.9308	1.6799	3.6109	3.2142	5.7395	5.2962	0.0000	4.1513			5.4462	1.4054	3.1438 10.4457	5.0870	3.2456	7.1134 20.0745	2.9523 13.3527	2.0385 10.3121	1.8781
7.4643	6.4087	5.4073	5.1859	3.3715	3.2364	3.4052	3.6527	0.0000	5.1047	1.4170	3.9724	0.1994	4.3113	2.6982	2.6450	6.9575	2.4828	2.9137	4.7202	0.2168	3.6493	6.4529	3.4556	5.5628	2.2365	4.0449	0.0000	2.5100	5.7351	2.5361	2.5492	7.1628	7.2264	4.6148	2.7871	2.3934	5.5371	6.2145	4.2197
0.3540	0.4666	0.3797	0.5119	0.5148	0.5441	0.5618	0.6138	0.0000	0.3781	0.0000	0.6041	0.0000	0.3288	0.1655	0.0000	0.3476	0.0957	0.4817	0.5187	0.0000	0.1942	0.2578	0.4942	0.3633	0.5692	0.4787	0900.0	0.5229	0.4573	0.4484	0.4135	0.2897	0.4389	0.4714	0.5427	0.5413	0.3994	0.4134	0.4629
8380	8381	8382	8383	8384	8385	8386	8387	8388	8389	8390	8391	8392	8393	8394	8395	8396	8397	8338	8399	8400	8401	8402	8403	8404	8405	8406	8407	8408	8409		8412	8413	8415	8416	8418	8419		8421	8422
24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642

0.0069	0.0072	0.0068	290	0.0063	0.0073	0.0070	0.0063	171	181	0.0070	0.0062	0.0075	0.0068	6900.0	0.0056	0.0065	0.0070	0.0079	290	0.0063	0.0075	0.0075	0.0078	0.0072	0.0068	0.0059	0900.0	0.0068	191	0.0065	0.0056	0.0069	0.0073	0.0077	0.0074	0.0086	0.0073	0.0079	0.0076
-			3 0.0067		_			3 0.0071	7 0.0081	_		_							0.0067		_			_					1 0.0061										
0.0025	0.0036	0.0027	0.0026	0.0033	0.0030	0.0031	0.0030	0.0028	0.0027	0.0020	0.0030	0.0024	0.0023	0.0016	0.0010	0.0021	0.0032	0.0026	0.0030	0.0024	0.0016	0.0017	0.0005	0.0026	0.0024	0.0020	0.0037	0.0016	0.0021	0.0028	0.0010	0.0015	0.0020	0.0020	0.0026	0.0022	0.0023	0.0022	0.0018
0.0032	0.0016	0.0029	0.0030	0.0022	0.0032	0.0028	0.0027	0.0033	0.0029	0.0041	0.0027	0.0037	0.0045	0.0046	0.0043	0.0037	0.0032	0.0034	0.0027	0.0035	0.0039	0.0049	0.0062	0.0035	0.0039	0.0049	0.0020	0.0047	0.0037	0.0033	0.0036	0.0043	0.0041	0.0036	0.0031	0.0043	0.0043	0.0045	0.0047
600000	0.0010	0.0008	0.0008	0.0011	0.0013	0.0015	0.0015	0.0015	900000	0.0008	0.0015	0.0011	0.0011	0.0005	0.0003	0.0008	0.0012	0.0010	0.0012	0.0008	0.0004	0.0007	0.0004	0.0011	60000.0	0.0005	0.0018	0.0005	0.0008	0.0014	0.0002	900000	0.0010	0.0005	0.0000	0.0010	0.0010	0.0008	0.0007
2.3049	2.2290	2.0953	1.9542	2.8116	3.2629	3.8177	3.5584	3.6516	1.2829	1.9595	3.5317	2.7948	2.7086	1.0306	0.3893	1.9080	2.8245	2.3954	2.9574	1.9801	0.6768	1.6489	0.6297	2.6839	2.1372	0.9838	4.0368	1.2291	1.8860	3.2223	0.3984	1.5002	2.5046	1.0042	2.0758	2.3274	2.4888	1.9169	1.5160
0.0272	0.0230	0.0250	0.0248	0.0217	0.0237	0.0234	0.0237	0.0234	0.0298	0.0273	0.0237	0.0250	0.0290	0.0298	0.0312	0.0302	0.0295	0.0284	0.0259	0.0318	0.0310	0.0362	0.0354	0.0298	0.0323	0.0356	0.0237	0.0320	0.0278	0.0256	0.0260	0.0280	0.0304	0.0295	0.0244	0.0287	0.0299	0.0306	0.0293
0.0046	0.0055	0.0049	0.0050	0.0065	0.0061	0.0063	0.0064	0.0070	0.0035	0.0051	0.0000	0.0053	0.0064	0.0044	0.0046	0.0055	9900.0	0.0056	0.0062	0.0046	0.0033	0.0046	0.0045	0.0055	0.0054	0.0052	0.0071	0.0049	0.0054	0.0061	0.0036	0.0052	0.0056	0.0038	0900.0	0.0055	0.0058	0.0053	0.0053
0.0011	0.0000	0.000.0	0.0001	0.0000	0.0064	0.0013	0.0010	0.0012	0.0005	0.0027	0.0012	0.0014	0.0008	0.0026	0.0032	0.0000	0.000.0	0.0010	0.0013	0.0003	0.0020	0.0022	0.0023	0.0008		0.0023	0.000.0	0.0050	0.0031	6000.0	0.0029	0.0023	0.0019	0.0027	0.0000	0.0022	0.0046		0.0040
	0.2100	0.2252	0.2268	0.2681	0.2548	0.2966	0.2711	0.3214	0.1668	0.1945	0.3031	0.2635	0.2869	0.1795	0.1105	0.3284	0.3309	0.2605	0.2554	0.2281	0.1416	0.2347	0.1946	0.2804		0.2215	0.3366	0.2038	0.1981	0.3131	0.0865	0.1683	0.2395	0.1413	0.2419	0.2553	0.2281	0.2000	0.2234
	0.0381	0.0573	0.0778	0.0777	0.2281	0.0464	0.0604	0.0943	0.0478	0.0638	0.0445	0.0662	0.0710	0.1031	0.0421	0.1630	0.0931	0.0733	0.0383	0.0571	0.0176	0.0958	0.0663	0.0964	0.1105	0.0657	0.0393	0.0677	0.0688	0.0396	0.0008	0.0581	0.0394	0.0212	0.0458	0.0259	0.0897		0.0876
18.4630	12.0820	17.8580	18.8595	13.3870	10.8535	10.9032	11.0612	10.8084	13.2661	17.2995	10.6616	15.5876	12.3896	20.8545	19.3229	17.0175	10.0082	12.1450	12.3639	15.8368	18.0401	15.6028	18.7794	13.8881		15.7367	6.5729	18.2978	16.8725	10.8037	21.6223	17.8767	15.1418	16.5147	11.4171	12.9225	16.1743	17.0861	16.9433
	2.3934 1	2.4361	2.6228	3.4094	2.9153 1	3.0170 1	2.8318 1	3.0050 1	1.3453 1	1.8364	3.3027	2.7492	2.6262	1.7612	0.8989	2.1064 1	3.3902	2.2508 1	2.8584	2.0598 1	0.9379	2.0600	1.2310 1	2.8551	2.4849 1	2.1334 1	4.3420	1.7659 1	2.0731	3.1625 1	0.6105 2	1.6622	2.5418 1	1.2300	2.5456 1	2.6114 1	2.6065	2.5535 1	2.8177
	0.0194	0.0834	0.0702	0.0465	1.0515	0.0287	0.0227	0.0219	0.2007	2.3261	0.0403	0.0639	0.5285	0.3183	7.7704	4.4516	0.0930	0.0746	0.7000	1.6699	4.8683	0.3352	4.2164	0.1381		2.8717	0.0000	2.6655	4.0465	0.0360	10.9340	4.7882	1.0357	3.3299	2.0720	0.1987	0.1909	0.1370	0.5786
	0.0931	0.0863	0.0801	0.0673	0.1352	0.0824	0.0810	0.0809	0.1059	0.1106	0.0788	0.0809	0.0894	0.0871	0.1260	0.1294	0.0734	0.1011	0.0746	0.0958	0.1282	0.1024	0.0721	0.0655	0.0816	0.0891	0.0604	0.0926	0.1069	0.0764	0.1205 1	0.0936	0.0854	0.1323	0.1084	0.0867	0.0592		0.0851
	12.6856	13.9049	13.8276	17.0643	16.6856	16.8075	16.6989	17.4682	11.1379	12.5475	17.3338	14.2753	18.3466	13.0116	9.5943	12.6181	18.9340	14.2809	15.9159	14.0836	7.5553	15.3522	9.9498	15.4630	16.2209	16.3716	20.3113	12.4641	13.3334	17.4743	4.4314	9.6619	14.0002	9.4188	13.5516	12.8882	13.1227		13.5307
	3.6419 1	3.8994	4.4380	5.9480 1	5.2281 1	5.4028 1	5.2938 1	5.3496 1	2.1590 1	3.0083 1	5.4797 1	4.2052 1	4.4663 1	2.7887 1	1.5314	3.9643 1	5.5842	3.3738 1	4.9202	3.4275 1	1.4496	3.2583 1	1.7118	4.7336 1	4.3552 1	3.2606 1	6.9408 2	2.9081	3.4919 1	5.2624 1	1.0894	2.3993	3.9320 1	1.9956	3.7683 1	3.6006 1	3.9325 1		4.2257 1
	2.8484	4.0543	3.3820	2.4258	4.2458	5.0955	5.2625	3.5375	3.8646	6.1178	4.6203	4.0349	4.7166	4.6957	6.1930	5.3272	3.7935	2.9665	4.2039	6.1748	4.6115	6.1023	4.1462	3.7069		4.7255	2.5188	6.1254	5.8680	4.3457	4.2284	4.9554	5.6492	5.8086	4.0936	3.5952	5.6593		6.2604
	0.6154	0.4814	0.4838	0.5214	0.4830	0.5393	0.5359	0.5759	0.6148	0.4175	0.5530	0.4848	0.4703	0.4409	0.2551	0.3358	0.5173	0.6061	0.4978	0.4248	0.3388	0.4772	0.2985		0.4774	0.3653	0.5542	0.3875	0.3538	0.5240	0.1042	0.3055	0.4441	0.4337	0.5530	0.5973	0.4590		0.4467
	8424 (8425 (8426 (8427 (8428 (8429 (8430 (8431 (8432 (8433 (8434 (8435 (8436 (8437 (8438 (8439 (8440 (8441 (8442 (8443 (8444 (8445 (8446 (8447 (8448 (8449 (8451 (8452 (8453 (8454 (8455 (8456 (8457 (8458 (8459 (8460 (8462 (
24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642

0.0000 0.0000	0.0000 0.0000.0	0.0052 0.0065	0.0033 0.0065	0.0076 0.0066	0.0062 0.0064	0.0070 0.0057	0.0033 0.0059	0.0038 0.0037	0.0031 0.0064	0.0021 0.0089	0.0049 0.0055	0.0007 0.0037	0.0000 0.0076
0.0011 0	0.0006	0.0008 0	0.0051 0	0.0000	0.0019 0	0.0000	0.0049 0	0.0000	0.0052 0	0.0039 0	0.0000	0.0028 0	0.0061 0
0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
0.1136	0.1283	0.1523	0.1903	0.1791	0.1758	0.1553	0.2826	0.1571	0.2141	0.1934	0.1641	0.1095	0.2122
0.0203	0.0199	0.0173	0.0162	0.0155	0.0158	0.0162	0.0157	0.0174	0.0159	0.0188	0.0170	0.0217	0.0179
0.0035	0.0027	0.0000	0.0000	0.0000	0.0000	0.0019	0.0000	0.0017	0.0000	0.0010	0.0003	0.0022	0.0025
0.0026	0.0047	0.0000	0.0000	0.0000	0.0000	_		0.0004	0.0000		0.0007	0.0046	0.0048
0.0194	0.0203	0.0012	0.0064	0.0000	0.0048	0.0000	0.0222	0900.0	0.0044	0.0110	0.0044	0.0139	0.0035
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.8096	23.9214	26.8417	37.7096	27.4803	31.7764	21.6356	37.7351	20.6305	36.1076	19.2718	24.4488	23.4499	24.3491
0.0000	0.0000	0.0121	0.0752	0.0070	0.0304	0.0000	0.2581	0.0000	0.0819	0.0000	0.0005	0.0133	0.0143
18.6487	18.5755	2.7819	0.7254	0.1931	0.3409	5.8443	0.5196	14.6549	0.3103	0.5190	6.3293	15.0445	3.6740
0.0000	0.0000	0.0670	0.0000	0.0327	0.0157	0.0786	0.0003	0.1093	0.0073	0.0876	0.0471	0.0916	0.0482
0.0000	0.0000	1.7100	1.5962	1.7220	1.7317	1.6577	2.2899	1.1299	1.7695	2.0450	1.5694	1.1127	1.7393
0.0000	0.0000	0.1027	0.0225	0.0000	0.0339	0.2689	0.1757	0.4166	0.0000	0.0780	0.1877	0.3658	0.1372
0.0000	0.0000	2.1067	0.3106	0.0456	0.0956	0.3952	0.5642	1.1433	1.5462	6.2028	0.5149	5.7191	9.1298
0.0000	0.0318	0.3430			0.4307			0.0000					0.3619
8463	8464	8465	8466	8467	8468	8469	8470	8471	8472	8473	8474	8475	8476
24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642

Mo (%) 0.0003	0.0003	0.0000	0.0004	0.0000	0.0000	0.0000	0.0003	0.0003	0.0010	0.0003	0.0000	0.0000	0.0003	0.0001	0.0006	0.0003	0.0004	0.0007	0.0000	0.0000	0.0000	0.0002	0.0046	0.0002	0.0008	0.0001	0.0005	0.0002	0.0000	0.0002	0.0079	0.0187	0.0084	0.0139	0.0424	0.0270	0.0472	0.0383
Nb (%) 0.0003	0.0003	0.0004	0.0007	0.0003	0.0008	0.0005	0.0003	0.0005	0.0003	0.0003	0.0005	0.0003	0.0006	0.0006	0.0003	0.0004	0.0006	0.0005	0.0002	0.0003	0.0004	0.0009	0.0009	0.0003	0.0003	0.0006	0.0003	0.0002	0.0005	0.0005	0.0015	0.0013	0.0011	0.0012	0.0015	0.0012	0.0011	0.0013
Zr (%) 0.0000	0.0008	0.0057	0.0056	0.0005	0.0055	0.0040	0.0036	0.0052	0.0019	0.000.0	0.0019	0.000.0	0.0028	0.000.0	0.000.0	0.0018	0.0073	0.0011	0.0003	0.000.0	0.0025	0.0111	0.0149	0.0005	0.0003	0.0012	0.000.0	0.0012	0.0054	0.000.0	0.0126	0.0116	0.0110	0.0097	0.0107	0.0097	0.0105	0.0108
		0.0021		0.0017	0.0027	0.0020	0.0012	0.0024	0.0018	0.0017	0.0020	0.0015	0.0026	0.0019	0.0017	0.0021	0.0029	0.0020	0.0016	0.0010	0.0019	0.0030	0.0036	0.0014	0.0019		0.0015	0.0016		0.0021	0.0038	0.0036	0.0033	0.0035	0.0036	0.0033	0.0032	0.0033
		0.0261 0	0.0300	0.0257 0	0.0284 0	0.0282 0	0.0255 0	0.0265 0	0.0257 0	0.0245 0	0.0238 0	0.0244 0	0.0242 0	0.0226 0	0.0240 0	0.0217 0	0.0151 0	0.0191 0	0.0205 0	0.0190 0	0.0197 0	0.0145 0	0.0184 0	0.0248 0	0.0281 0		0.0199 0	0.0135 0		0.0197 0	0.0120 0	0.0087 0	0.0076 0	0.0083 0	0.0072 0	0.0077 0	0.0067	0.0068 0
$\overline{}$		0.0001 0.	0.0003 0.	0.0000.0	0.0013 0.	0.0000.0	0.0000	0.0004 0.	0.0002 0.	0.0000	0.0000	0.0005 0.	0.0011 0.	0.0002 0.	0.0000	0.0002 0.	0.0001 0.	0.0003 0.	0.0000	0.0000.0		0.0013 0.	0.0009 0.	0.0003 0.	0.0000	-	0.0000.0	0.0000.0		0.0000	0.0025 0.	0.0029 0.	0.0033 0.	0.0044 0.	0.0061 0.	0.0042 0.	0.0063 0.	0.0066 0.
		0.0051 0.0			0.0072 0.0	0.0054 0.0	0.0030 0.0	0.0066 0.0	0.0034 0.0	0.0009 0.0	0.0042 0.0	0.0013 0.0	0.0060 0.0	0.0028 0.0	0.0020 0.0	0.0032 0.0	0.0096 0.0	0.0033 0.0	0.0015 0.0	0.0008 0.0	0.0041 0.0	0.0209 0.0	0.0110 0.0	0.0019 0.0	0.0007 0.0	0.0018 0.0	0.0008 0.0	0.0010 0.0	0.0035 0.0	0.0010 0.0	0.0176 0.0		0.0139 0.0	0.0123 0.0	0.0130 0.0	0.0136 0.0	0.0116 0.0	0.0128 0.0
		_				-	_	_				-																										_
	_	0.0005	0.0005	0.0003	7000.0 60	0.0005	0.0004	0.0006	0.0004	0.0002	0.0005	0.0002	900000 60	0.0004	0.0003	0.0004	33 0.0008	0.0004	0.0002	0.0002	0.0004	0.0016	20 0.0009	0.0003	0.0002		0.0002	0.0002	0.0004	0.0002	19 0.0013	0.0012	0.0009	0.0009	0.0010	14 0.0010	0.0009	0.0009
-	_	3 0.0006	1 0.0009	0 0.0005	4 0.0009	9 0.0011	2 0.0004	0.0004	0 0.0002	2 0.0008	2 0.0006	2 0.0005	6 0.0009	2 0.0006	2 0.0004	3 0.0005	0.0003	4 0.0003	900000 9	2 0.0002	7 0.0008	0 0.0003	2 0.0020	0.0010	5 0.0009		0 0.0003	2 0.0001	4 0.0008	4 0.0007	1 0.0019	3 0.0009	000000 6	1 0.0000	600000 6	4 0.0014	2 0.0016	0.0000
		0.0003	0.0001		0.0004	0.0009	0.0002	0.0000	0.0000	0.0002	0.0002	0.0002	0.0006	0.0002	0.0002	0.0003	0.0000	0.0004	0.0006	0.0002	0.0007	0.0000	0.0032	0.0010	0.0005		0.0000	0.0002		0.0004	0.0021	0.0103	0.0179	0.0131	0.0089	0.0104	0.0062	0.0100
	_	0.0004	0.0011	0.0006	0.0010	0.0005	0.0004	0.0007	0.0003	0.0003	0.0007	0.0002	0.0008	0.0006	0.0002	0.0003	0.0010	0.0005	0.0002	0.0002	0.0005	0.0015	0.0016	0.0001	0.0003		0.0002	0.0001	0.0004	0.0004	0.0018	0.0025	0.0032	0.0023	0.0021	0.0024	0.0040	0.0029
Zn (%) 0.0018	0.0016	0.0010	0.0006	0.0009	0.0008	0.0011	0.0008	0.0007	0.0009	0.0019	0.0006	0.0008	0.0008	0.0017	0.0015	0.0020	0.0012	0.0010	0.0013	0.0010	0.0016	0.0016	0.0018	0.0017	0.0022	0.0010	0.0012	0.0009	0.0014	0.0008	0.0017	0.0018	0.0030	0.0019	0.0394	0.0496	0.4117	0.1065
Cu (%) 0.0011	0.0010	0.0007	0.0013	0.0008	0.0014	0.0013	0.0003	0.0007	0.0004	0.0010	0.0014	0.0005	0.0012	0.0106	0.0008	900000	0.0013	0.0032	0.0022	900000	0.0018	0.0037	0.0175	0.0014	0.0008	0.0010	0.0010	0.0009	0.0011	0.0012	0.0139	0.0143	0.0133	0.0103	0.0186	0.0162	0.0520	0.0249
Ni (%) 0.0017	0.0005	0.0019	0.0028	0.0012	0.0028	0.0027	0.0023	0.0011	0.0010	0.0018	0.0018	0.0000	0.0032	0.0028	0.0007	0.0011	0.0018	0.0037	0.0019	0.0000	0.0040	0.0071	0.0623	0.0049	0.0017	0.0010	0.0013	0.0007	0.0011	0.0014	0.0375	0.0339	0.0208	0.0241	0.0523	0.0390	0.0686	0.0517
-	-	0.0005	0.0007	0.0005	0.0008	0.0004	0.0004	0.0004	0.0003	0.0004	0.0003	0.0004	0.0005	9000.0	0.0004	0.0005	0.0008	900000	0.0005	0.0005	0.0006	0.0007	0.0012	0.0008	0.0005	_	0.0005	0.0005	0.0005	0.0004	0.0015	0.0017	0.0041	0.0025	0.0017	0.0021	0.0025	0.0028
		1.1451 0	1.0380 0	.4472 0	1.2499 0	1.0329 0	.6735 0	.5805 0	0.2427 0	3059 0	.4723 0	0.3213 0	.3027 0	.3780 0	0.3161 0	0.4822 0	1.5988 0	0.4318 0	.3199 0	0.2386 0	0.5389 0	1.4768 0	2.7890 0	.9687	0.2833 0	_		0.3006 0		.3104 0	.2978 0	3.6830 0	7.0532 0	4.7205 0	.4014 0	.2041 0	4.2715 0	5.0747 0
шо	0	0.0439 1.	0.0423 1.	0.0821 0.	0.0411 1.	0.0387 1.	0.0412 0.	0		0.0546 0.	0.0895 0.	0.1127 0.	0.2644 0.	0.0600 0.	0.0598 0.	0.0475 0.	0.0221 1.	0.0540 0.	0.0539 0.	0.0556 0.	0.0632 0.	0.0289 1.	0.0291 2.	0.0887 0.				0.0789 0.	0	0	0.0186 2.			0.0186 4.	0.0164 4.	4		0.0194 5.
																																						-
-				20 0.0002	37 0.0031	27 0.0033	30 0.0013	96 0.0009	0.0000	31 0.0000	37 0.0012	37 0.0000		0.0000	0.0000	14 0.0007	900000 91	57 0.0024	000000	000000	95 0.0013	55 0.0073		0.0006				00000 00		000000 6	0.0177		50 0.0115		17 0.0171	94 0.0130	92 0.0335	7 0.0249
$\overline{}$		0.1296	0.1438	0.0020	0.2187	3 0.1027	3 0.0630	0.1296			3 0.0537	3 0.0237	5 0.0786	3 0.0092	0.0000	2 0.0644	3 0.4746	3 0.0257	0.0000	3 0.0000	3 0.1295	0.3555		0.0307	0.0126		0.0000	0.0000			3 0.3506		0.4150	3 0.2992	3 0.3247	0.3294	0.4092	2 0.3477
		0.0342	0.0061	0.0437	0.0000	0.1013	0.0186	0.0542	0.0376	0.0000	0.0448	0.0038	0.0775	0.0676	0.0796	0.0142	0.0838	0.0428	0.0349	0.0293	0.0006	0.0244	0.0000	0.0000	0.0000			0.1095		0.0000	0.0366	0.0000	0.0000	0.0943	0.0946	0.0540	0.0000	0.0262
pth (ft Ca (%) 8169 34.2222	33.1898	26.0704	27.4872	33.9740	24.0249	26.4041	29.5989	26.3127	30.9562	34.1932	31.5196	34.0484	28.0522	8183 32.3229	8184 34.0211	32.2739	8186 16.8652	8187 33.5880	33.6424	34.3999	31.6383	4.3131	9968.9	8193 34.1020	8194 34.1611	33.8035	34.2544	34.0947	27.4991	33.8824	2.2188	1.4813	1.5158	1.9498	1.1485	1.2548	1.1187	1.1334
Depth (ft. 8169	8170	8171	8172	8173	8174	8175	8176	8177	8178	8179	8180	8181	8182	8183	8184	8185	8186	8187	8188	8189		8191	8192	8193	8194	8195		8197		8199	8200	8201	8202	8203	8204	8205	8206	8207
	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642
3	-	_				Ĺ	Ĺ	Ĺ	Ľ	Ľ	Ľ	Ĺ	Ľ	Ĺ	Ľ	Ľ	Ľ	Ľ	Ĺ	Ľ	Ĺ										_							

				0.0	+		+	+		0	1			0.0	-	0		1000	2		21
	2.8094	0.0528	0.3698	0.0085	0.0258	4.1454	0.0018	0.0435	0.0117	0.0027	0.0024	0.0082	0.0024	0.0008	0.0111	0.0059	0.0078	0.0030	0.0152	0.0010	0.0416
	6966.9	0.0010	0.2957	0.0027	0.0479	1.6058	0.0007	0.0028	0.0007	0.0011	0.0000	0.0010	0.0011	0.0008	0.0093	0.0013	0.0102	0.0031	0.0193	6000.0	0.0003
	15.9367	0.0832	0.1691	0.0024	0.0649	1.1723	9000.0	0.0019	0.0005	900000	0.0005	9000.0	0.0007	0.0004	0.0039	0.0000	0.0110	0.0026	0.0221	0.0007	0.0008
8212	24.0476	0.1098	0.1025	0.0000	0.0658	0.6103	0.0005	0.0011	0.0007	0.0011	0.0004	0.0004	0.0007	0.0004	0.0037	0.0007	0.0147	0.0021	0.0173	0.0005	0.000
8213	10.6461	0.0374	0.2788	0.0051	0.0515	1.8187	6000.0	0.0031	600000	0.0013	0.0007	0.0005	0.0005	0.0007	0.0075	0.0000	0.0114	0.0030	0.0174	0.0007	0.000
	5.2201	0.0725	0.3162	0.0037	0.0415	1.7040	0.0007	0.0036	0.0015	0.0015	0.0010	9000.0	0.0012	0.0011	0.0131	0.0010	0.0101	0.0030	0.0136	0.0010	0.000.0
8215	7.3956	0.0476	0.2563	0.0051	0.0535	2.3324	0.0014	0.0034	0.0010	0.0014	600000	0.0005	0.0010	0.0007	0.0081	0.0001	0.0089	0.0029	0.0112	0.0007	0.0003
8216	2.1583	0.0000	0.4080	0.0063	0.0248	2.4037	0.0012	0.0064	0.0020	0.0017	0.0018	0.0007	0.0014	0.0015	0.0206	600000	0.0107	0.0032	0.0141	0.0011	0.000.0
8217	8.7639	0.0000	0.1695	0.0012	0.0526	1.2488	0.0007	0.0016	0.0005	0.0005	0.0005	0.0002	0.0005	900000	0.0064	0.0001	0.0093	0.0024	0.0079	9000.0	0.0004
8218	8.6372	0.0000	0.3273	0.0065	0.0518	2.9487	0.0016	0.0065	0.0021	0.0015	0.0015	0.0018	0.0017	0.0010	0.0119	0.0005	0.0116	0.0033	0.0115	0.0010	0.000.0
8219	2.5862	0.0858	0.3843	0.0059	0.0298	2.6217	0.0015	0.0054	0.0020	0.0022	0.0018	0.0000	0.0010	0.0016	0.0213	0.0010	0.0105	0.0032	0.0119	0.0010	0.0000
8220	6.5380	0.0685	0.2937	0.0038	0.0461		0.0008	0.0034	0.0014	0.0018	0.0012	0.000.0	0.0008	0.0010	0.0116	0.0016	9600.0	0.0029	0.0175	0.0010	0.000.0
8221	2.2079	0.0333	0.4023	6900.0	0.0240	2.3221	0.0013	0.0054	0.0023	0.0021	0.0017	0.0005	0.0012	0.0016	0.0211	0.0014	0.0107	0.0032	0.0151	0.0010	0.0003
8222	10.1329	0.0000	0.2161	0.0044	0.0550	2.5407	0.0013	0.0046	0.0013	900000	900000	0.0012	0.0012	0.0004	0.0035	0.0000	0.0087	0.0024	0.0310	9000.0	0.0011
8223	11.1267	0.0000	0.2219	0.0029	0.0626	1.4759	9000.0	0.0048	0.0014	0.0010	0.0007	0.0007	0.0011	900000	0.0062	0.0012	0.0109	0.0025	0.0220	0.0007	0.0025
8224	8.8503	0.0045	0.2353		0.0464	1.2940	0.0005	0.0026	0.0014	0.0007	900000	9000.0	60000.0	900000	0.0064	0.0000	0.0101	0.0025	0.0310	0.0007	0.0024
8225	6.9714	0.0103	0.2615	0.0035	0.0472	1.7180	0.0008	0.0038	0.0009	0.0010	900000	9000.0	600000	0.0007	0.0068	0.0005	0.0091	0.0025	0.0259	0.0007	0.0023
8226	5.4717	0.0029	0.2915	0.0039	0.0346	1.4854	9000.0	0.0029	0.0008	900000	0.0009	0.0013	0.0013	0.0007	0.0079	600000	0.0089	0.0028	0.0309	0.0008	0.0023
8227	15.4312	0.0000	0.0448	0.0007	0.0311	0.8343	0.0004	900000	0.0004	0.0003	0.0001	0.0002	0.0002	0.0003	0.0020	0.0000	0.0246	0.0014	0.0061	0.0005	0.0008
8228	16.9945	0.0000	0.0500	0.0000	0.0261	0.5148	0.0005	0.0004	0.0007	0.0001	0.0001	0.0000	0.0001	0.0004	0.0029	0.0010	0.0144	0.0014	0.0037	0.0005	0.0004
8229	20.7226	0.0000	0.0974	0.0000	0.0405	1.2351	0.0003	0.0010	0.0005	0.0004	0.0003	0.0003	9000.0	0.0003		0.0000	0.0167	0.0019	0.0252	0.0005	0.0013
8230	26.5296	0.0026	0.0183	0.0000	0.0331	0.3855	0.0004	900000	900000	0.0003	0.0002	0.0002	0.0001	0.0003	0.0015	0.0000	0.0191	0.0020	0.0121	0.0004	0.0011
8231	29.7497	0.0223	0.0000	0.0000	0.0503	0.2668	0.0004	0.0003	600000	0.0004	0.0002	0.0002	0.0004	0.0002	0.0011	0.0000	0.0190	0.0015	0.0084	0.0003	0.0006
8232	3.3258	0.1312	0.2299	0.0000	0.0233	1.1681	9000.0	0.0018	0.0005	0.0000	0.0005	0.0000	0.0004	0.0008	0.0091	0.0008	0.0082	0.0024	0.0241	0.0007	0.0007
8233	5.2073	0.0000	0.2779		0.0323	1.5561	900000	0.0020	0.0005	0.0008	0.0008	0.0001	0.0007	0.0007	0.0078	0.0003	0.0086	0.0026	0.0315	9000.0	0.0016
8234	6.0671	0.0653	0.1998	0.0026	0.0309	0.8546	0.0005	0.0012	0.0008	900000	0.0005	0.0002	0.0007	900000	0900.0	0.0000	0.0000	0.0023	0.0353	900000	0.0018
8235	5.0182	0.0102	0.2100	0.0017	0.0338	1.0499	0.0005	0.0028	0.0013	0.0003	0.0008	0.0015	0.0013	900000	9900.0	0.0011	0.0088	0.0025	0.0334	0.0008	0.0016
8236	4.9296	0.1582	0.2241		0.0342	1.4010	0.0008	0.0054	0.0015	0.0008	0.0008	0.0022	0.0016	0.0007	0.0080	900000	0.0093	0.0026	0.0376	0.0008	0.0028
8237	6.9920	0.0000	0.2275	0.0058	0.0361	1.2260	9000.0	0.0023	0.0009	0.0007	900000	0.0013	0.0011	900000	0.0054	9000.0	0.0082	0.0024	0.0368	0.0008	0.0018
8238	4.6819	0.1153	0.2564	0.0043	0.0313	2.0709	0.0008	0.0041	0.0020	0.0012	0.0008	0.0023	0.0017	0.0007	0.0081	900000	0.0088	0.0025	0.0288	0.0007	0.0015
8239	4.4171	0.0000	0.2577	0.0047	0.0326	1.3108	0.0005	0.0017	0.0010	900000	0.0007	0.0001	0.0005	0.0007	9900.0	0.0003	0.0081	0.0023	0.0324	9000.0	0.0018
8240	5.8522	0.0547	0.2273	0.0014	0.0333	1.0263	0.0005	0.0017	0.0007	900000	0.0004	0.0007	9000.0	900000	0900.0	0.0001	0.0000	0.0024	0.0357	0.0007	0.0020
8241	4.6730	0.0643	0.2310	9000.0	0.0309	1.1303	0.0005	0.0015	600000	0.0010	0.0005	0.0003	0.0005	0.0007	0.0077	0.0008	0.0089	0.0026	0.0368	0.0008	0.0016
8242	9.5753	0.0000	0.2058	0.0022	0.0311	1.0640	0.0005	0.0031	0.0012	900000	900000	0.0003	0.0007	900000	0.0064	0.0007	0.0101	0.0022	0.0297	0.0007	0.0011
8243	4.6679	0.0850	0.2746	0.0064	0.0376	1.4968	0.0008	0.0038	0.0016	0.0010	600000	0.0008	0.0011	0.0008	0.0084	0.0014	0.0088	0.0025	0.0323	0.0008	0.0021
8244	5.0332	0.0824	0.2349	0.0019	0.0316	1.3779	0.0005	0.0048	0.0015	60000.0	0.0007	0.0003	60000.0	0.0007	0.0071	0.0008	0.0000	0.0027	0.0344	0.0007	0.0021
8245	4.6006	0.0847	0.2477	0.0000	0.0360	1.3689	0.0007	0.0037	0.0012	900000	0.0007	0.000	0.0010	0.0007	0.0071	0.0001	0.0085	0.0027	0.0355	0.0008	0.0021
8246	5.2611	0.0391	0.2199	0.0023	0.0323	1.1818	0.0004	0.0020	600000	0.0004	0.0005	0.0004	0.0007	900000	0.0058	0.0000	0.0085	0.0025	0.0324	0.0007	0.0009
7770	0001																				

0.0015	0.0017	0.0013	0.0022	0.0010	0.0015	0.0005	0.0006	0.0008	0.0010	0.0015	0.0007	0.0014	0.0010	0.0005	0.0014	0.0019	0.0010	0.0009	0.0008	0.0004	0.0008	0.0003	0.0007	0.0317	0.0479	0.0626	0.0385	0.0294	0.0341	0.0270	0.0418	0.0452	0.0499	0.0406	0.0454	0.0388	0.0271	0.0238	0.0309
0.0009	0.0008	0.0009	0.0007	0.0010	0.0009	0.0010	0.0007	0.0009	0.0008	0.0008	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0010	0.0009	0.0009	0.0009	0.0006	0.0007	0.0011	0.0012	0.0014	0.0015	0.0014	0.0007	0.0010	0.0008	0.0012	0.0011	0.0013	0.0011	0.0013	0.0013	0.0011	0.0008	0.0010
0.0390	0.0357	0.0343	0.0309	0.0328	0.0326	0.0309	0.0193	0.0339	0.0342	0.0341	0.0291	0.0332	0.0276	0.0309	0.0353	0.0329	0.0307	0.0274	0.0285	0.0273	0.0274	0.0118	0.0192	0.0125	0.0102	0.0094	0.0110	0.0075	0.0108	0.0047	0.0091	0.0097	0.0080	0.0089	0.0110	0.0095	0.0083	0.0104	0.0088
0.0023	0.0027	0.0028	0.0028	0.0028	0.0028	0.0028	0.0023	0.0028	0.0028	0.0029	0.0029	0.0027	0.0029	0.0028	0.0031	0.0032	0.0031	0.0030	0.0028	0.0031	0.0025	0.0026	0.0039	0.0033	0.0035	0.0034	0.0035	0.0026	0.0033	0.0021	0.0032	0.0032	0.0033	0.0030	0.0036	0.0034	0.0034	0.0030	0.0028
0.0083	0.0093	0.0095	0.0101	0.0094	0.0089	0.0087	9600.0	0.0089	0.0089	0.0101	9600.0	0.0000	0.0104	0.0099	9600.0	0.0100	0.0107	0.0127	0.0120	0.0124	0.0100	0.0184	0.0255	9200.0	0.0082	6900.0	0.0080	0.0078	0.0087	0.0057	0.0082	0.0082	0.0077	0.0070	0.0076	0.0073			0.0067
0.0013	0.0008	0.0007	0.0008	0.0016	0.0004	0.0007	0.0000	0.0009	0.0007	0.0005	0.0007	0.0003	0.0003	900000	0.0000	0.0001	0.0003	0.0009	0.0012	0.0003	0.0001	0.0005	0.0014 (0.0049	0.0068	0.0058	0.0059 (0.0024 (0.0042 (0.0051 (0.0063	0.0066	0.0051 (0.0073	0.0061		-	0.0047
0.0062	0.0064 C	0.0074 C	0.0069	0.0000	0.0089	0.0085	0.0056	0.0084	0.0078	0.0089	0.0094	0.0088	0.0075	0.0067	0.0080	0.0092 C	0.0095	0.0067	0.0073	0.0080	0.0086	0.0036	0.0083	0.0174	0.0161 C	0.0161 C	0.0153 C	0.0083		0.0071	0.0117 0	0.0128 C	0.0143 C	0.0131 C	0.0160	0.0136 C			0.0105
0.0006	0.0006	0.0007	0.0007	0.0008	0.0008	0.0008	0.0006	0.0008	0.0007	0.0008	0.0008	0.0008	0.0007	0.0006	0.0007	0.0008 0	0.0008 0	0.0006	0.0007	0.0007	0.0008	0.0004 0	0.0007	0.0013 0	0.0012 0	0.0012 0	0.0011 0	0.0007	0.0010 0	0.0007	0 6000.0	0.0010	0.0011 0	0.0010 0	0.0012 0	0.0011 0			0.0009
0.0001	0.0005 0	0.0008	0.0006	0.0007	0.0007	0.0007	0.0005	0.0008	0.0005	0.0006	0.0008	0.0010	0.0006	0.0012 0	0.0008	0.0009	0.0009	0.0006	0.0007	0.0010	0.0009	0.0008	0.0018 0	0.0017 0	0.0017 0	0.0026 0	0.0013 0	0.0020	_		0.0017 0	0.0020	0.0017 0	0.0023 0	_	0.0018 0		-	0.0020
0.0000	0.0002 0.	0.0003 0.	0.0005 0.	0.0005 0.	0.0003 0.	0.0001 0.	0.0002 0.	0.0005 0.	0.0003 0.	0.0002 0.	0.0004 0.	0.0005 0.	0.0000.0	0.0006 0.	0.0004 0.	0.0004 0.	0.0006 0.	0.0003 0.	0.0004 0.	0.0008 0.	0.0007 0.	0.0006 0.	0.0024 0.	0.0079 0.	0.0072 0.	0.0040 0.	0.0100 0.	0.0034 0.	0.0072 0.		0.0057 0.	0.0072 0.	0.0051 0.	0.0047 0.	0.0047 0.	0.0036 0.		Н	0.0034 0.
-					_		_			-																												\vdash	-
0.0005	0.0004	0.0007	0.0006	0.0008	0.0006	0.0008	0.0005	0.0006	0.0006	0.0008	0.0009	0.0008	0.0007	0.0009	0.0008	0.0009	0.0008	0.0008	0.0006	0.0008	0.0009	0.0006	0.0012	0.0025	0.0023	0.0035	0.0022	0.0009	0.0021	_	0.0015	0.0018	0.0018	0.0014	0.0017	0.0015		-	0.0010
0.0004	0.0007	0.0007	0.0009	0.0013	0.0013	0.0009	0.0007	0.0012	0.0013	0.0010	0.0008	0.0011	0.0008	0.0018	0.0010	0.0011	0.0014	0.0012	0.0011	0.0010	0.0014	0.0008	0.0014	0.0029	0.0826	0.3612	0.0171	0.0017	0.0088	0.1699	0.0164	0.0150	0.0249	0.0354	0.0399	0.0262	0.0176	0.0063	0.0084
0.0007	0.0011	0.0011	0.0007	0.0009	0.0010	0.0011	0.0010	0.0012	0.0011	0.0012	0.0010	0.0011	0.0007	0.0012	0.0009	0.0017	0.0010	0.0014	0.0011	0.0010	0.0011	0.0014	0.0019	0.0095	0.0160	0.0372	0.0111	0.0052	0.0086	0.0089	0.0081	0.0077	0.0099	0.0089	0.0093	0.0084	0.0066	0.0058	0.0061
0.0011	0.0017	0.0028	0.0021	0.0029	0.0031	0.0022	0.0013	0.0026	0.0018	0.0029	0.0032	0.0030	0.0026	0.0031	0.0030	0.0038	0.0032	0.0022	0.0022	0.0029	0.0025	0.0014	0.0048	0.0422	0.0483	0.0656	0.0422	0.0254	0.0364	0.0314	0.0410	0.0409	0.0466	0.0426	0.0469	0.0449	0.0343	0.0274	0.0345
0.0004	0.0004	0.0003	9000.0	0.0005	9000.0	9000.0	9000.0	9000.0	0.0005	0.0004	0.0007	0.0004	0.0005	0.0007	0.0003	6000.0	0.0004	0.0005	0.0005	9000.0	0.0007	0.0004	0.0010	0.0016	0.0018	0.0019	0.0016	0.0010	0.0016	0.0008	0.0014	0.0013	0.0011	0.0014	0.0017	0.0012	0.0013	0.0015	0.0011
0.8396	0.9529	0.9651		1.1751	1.1160	1.0789	0.8071	1.1309	1.1008	1.1830	1.2329	1.1643	0.9226	1.1090	1.0810	2.1899	1.2110	0.9517		1.1368	1.2687	0.4991	2.2423	4.0042	4.1909	4.0537	4.0874							2.7713	3.6549	2.9315		\vdash	2.6457
0.0350	0.0352 (0.0343 (0.0358	0.0325	0.0319	0.0296	0.0338	0.0318	0.0356	0.0340	0.0335	0.0290	0.0355 (0.0350	0.0341	0.0370	0.0335	0.0308	0.0304	0.0343	0.0280	0.1033 (0.0333	0.0177	0.0216	0.0210	0.0213	0.0205			0.0204	0.0197	0.0158	0.0134	0.0175	0.0154			0.0145
0.0029	0.0025 C	0.0032 C	0.0019 C	0.000.0	0.0020 C	0.0007	0.0010	0.0037	0.0018 C	0.0006	0.0042	0.0027	0.0045	0.0020	0.0002	0.0034	0.0070	0.0016	0.0034	0.0049	0.0024	0.0004	0.0069	0.0191	0.0202	0.0249 C	0.0187	0.0088	0.0166			0.0169	0.0181	0.0142 C	0.0171	0.0132 C			0.0103
0.2256 0	0.2943 0	0.2121 0	0.2368 0	0.3305 0	0.2677 0	0.2900 0	0.2061 0	0.3076 0	0.3146 0	0.2750 0	0.2923 0	0.2673 0	0.2592 0	0.2689 0	0.2901 0	0.3251 0	0.3232 0	0.2405 0	0.2798 0	0.2863 0	0.3262 0	0.1311 0	0.3316 0	0.3903 0	0.3694 0	0.3646 0	0.3494 0	0.1990 0			0.2942 0	0.3250 0		0.3007 0	0.3771 0	0.3059 0			0.2426 0
0.0291 0	0.0000	0.1222 0	0.1191 0	0.0000	0.0972 0	0.0591 0	0.0000	0.0000	0.0000	0.0786 0	0.1040 0	0.1146 0	0.1071 0	0.0202 0	0.0426 0	0.0639 0	0.0147 0	0.1320 0	0.0250 0	0.1476 0	0.0081 0	0.0249 0	0.0000	0.0000	0.0000	0.0560 0	0.0933 0	0.0101 0	0.0000		0.0200	0.0000	0.0000	0.0000	0.0000	0.0086 0			0.0492 0
5.4464 0	6.6350 0	7.6371 0	7.2934 0	4.3189 0	4.5972 0	4.5868 0	9.4370 0	4.5846 0	4.7036 0	4.8704 0	5.0269 0	4.3227 0	8.8824 0	7.2966 0	5.8218 0	4.7820 0	5.6857 0	13.8580 0	10.2211 0	6.8155 0	5.2454 0	27.8956 0	11.2762 0	1.0277 0	1.3843 0	0.9284 0	1.3671 0	2.2079 0	1.5782 0		1.9821 0	1.8902 0	1.0726 0	1.1021 0	1.0083 0	1.0677 0			1.2962 0
8248 5.4	8249 6.6	8250 7.6	8251 7.3	8252 4.3	8253 4.5	8254 4.5	8255 9.4	8256 4.5	8257 4.7	8258 4.8	8259 5.0	8260 4.3	8261 8.8	8262 7.2	8263 5.8	8264 4.7	8265 5.6	8266 13.	8267 10.	8268 6.8	8269 5.2	8270 27.	8271 11.	8272 1.0	8273 1.3	8274 0.9	8275 1.3	8276 2.2	8277 1.5	8278 1.5	8279 1.9	8280 1.8	8281 1.0	8282 1.	8283 1.0	8284 1.0		ш	8287 1.3
24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642

24642	8289	7 4047))	
24642		1.4017	0.1108	0.1714	0.0086	0.0164	1.9652	0.0009	0.0252	0.0040	0.0026	0.0010	0.0024	0.0018	0.0007	0.0078	0.0037	0.0055	0.0023	0.0071	0.0008	0.0231
11011	8290	1.3114	0.0000	0.2749	0.0093	0.0165	2.6600	0.0012	0.0297	0900.0	0.0055	0.0014	0.0035	0.0021	0.0009	0.0111	0.0052	0.0067	0.0028	0.0089	0.0009	0.0299
24642	8291	1.2599	0.0000	0.3152	0.0100	0.0170	3.3525	0.0015	0.0336	0.0075	0.0119	0.0018	0.0070	0.0016	0.0010	0.0136	0.0069	0.0074	0.0032	0600.0	0.0011	0.0361
24642	8292	1.0224	0.0000	0.2062	0.0077	0.0118	2.3221	0.0008	0.0266	0.0057	0.0030	600000	0.0035	0.0020	0.0008	0.0097	0.0044	0.0063	0.0025	0900.0	0.0008	0.0289
24642	8293	0.7339	0.0000	0.2118	0.0077	0.0103	2.2290	0.0009	0.0277	0.0052	0.0015	0.0008	0.0034	0.0020	0.0009	0.0100	0.0041	0.0059	0.0025	0.0059	0.0008	0.0286
24642	8294	0.7072	0.0000	0.2683	0.0074	0.0143	3.0396	0.0011	0.0238	0.0076	0.0018	0.0014	0.0064	0.0020	0.0008	0.0099	0.0033	0.0076	0.0027	0.0072	0.0007	0.0245
24642	8295	0.9323	0.0000	0.3446	0.0077	0.0175	3.3816	0.0012	0.0236	0.0077	0.0018	0.0029	0.0152	0.0000	0.0011	0.0157	0.0054	0.0073	0.0034	0.0095	0.0011	0.0332
24642	8296 1	11.6634	0.0000	0.1263	0.0009	0.0541	0.9701	900000	0.0019	6000.0	0.0008	0.0003	0.0020	0.0014	0.0004	0.0037	0.0009	0.0111	0.0023	0.0123	0.0007	0.0015
24642	8297 1	18.5698	0.0000	0.1185	0.0045	0.0591	3.5023	0.0017	0.0037	0.0012	0.0005	900000	0.0070	0.0023	0.0001	0.0010	0.0002	0.0115	0.0015	0.0056	0.0004	0.0006
24642	8538	9.3781	0.0663	0.1883	0.0021	0.0385	1.5746	0.0007	0.0020	0.0007	6000.0	0.0004	0.0004	9000.0	0.0006	0.0063	0.0000	0.0093	0.0021	0.0063	0.0007	0.0000
24642	8299	8.9703	6090.0	0.2120	0.0028	0.0412	1.1788	900000	0.0024	0.0012	0.0011	600000	0.0002	0.0008	0.0007	0.0077	0.0003	0.0088	0.0025	0.0093	0.0007	0.0001
24642	8300 1	11.4066	0.0107	0.0052	0.0000	0.0382	0.4410	0.0005	0.0004	0.000.0	0.0000	0.0000	0.0000	0.0000	0.0004	0.0022	0.0008	0.0057	0.0005	0.0035	0.0007	0.0000
24642	8301	5.1888	0.0000	0.2658	0.0028	0.0253	1.6211	0.0009	0.0034	0.0010	0.0014	0.0010	0.0002	9000.0	0.0009	0.0110	0.0006	0.0092	0.0026	0.0136	0.0007	0.0003
24642	8302 1	14.6661	0.0182	0.0924	0.0000	0.0505	0.6415	0.0004	0.0005	0.0005	0.0000	0.0000	0.0003	0.0002	0.0003	0.0022	0.0000	0.0085	0.0015	0.0173	0.0005	0.0006
24642	8303 1	14.1508	0.1174	0.0338	0.0000	0.0483	0.5276	0.0007	0.0003	0.0007	0.0000	0.0000	0.0000	0.0000	0.0003	0.0019	0.0005	0.0080	0.0014	0.0134	0.0006	0.0010
24642	8304 1	13.8412	0.0454	0.2105	0.0004	0.0531	0.7878	0.0005	0.0010	0.0010	0.0005	0.0004	0.0000	0.0005	0.0004	0.0032	0.0000	0.0079	0.0026	0.0390	0.0007	0.0016
24642	8305 1	13.7034	0.0030	0.0347	0.0000	0.0500	0.5138	0.0004	0.0001	0.0004	0.0002	0.0000	0.0000	0.0001	0.0004	0.0024	0.0004	0.0289	0.0012	0.0026	0.0004	0.0006
24642	8306	5.9921	0.0629	0.3461	0.0059	0.0391	2.4212	0.0013	0.0052	0.0021	0.0022	0.0012	0.0012	0.0014	0.0009	0.0111	0.0002	0.0100	0.0028	0.0119	0.0009	0.0000
24642	8307	9.3542	0.0507	0.2624	0.0022	0.0475	1.8390	0.0008	0.0035	0.0028	0.0014	0.0010	0.0010	0.0012	0.0007	0.0079	0.0000	9600.0	0.0026	0.0100	0.0007	0.0000
24642	8308	8.1008	0.0000	0.2979	0.0033	0.0446	1.9043	0.0011	0.0040	0.0022	0.0019	0.0012	0.0007	0.0010	0.0008	0.0000	0.0000	0.0097	0.0026	0.0112	0.0007	0.0000
24642	8309	4.1022	0.0901	0.3720	0900.0	0.0362	2.2606	0.0014	0.0056	0.0054	0.0021	0.0019	0.0030	0.0019	0.0010	0.0124	0.0001	0.0098	0.0029	0.0139	0.0009	0.0000
24642	8310	6.9361	0.0848	0.2893	0.0049	0.0472	1.8447	6000.0	0.0037	0.0091	0.0017	0.0011	0.0000	0.0002	0.0009	0.0096	0.0009	0.0095	0.0027	0.0120	0.0008	0.0004
24642	8311	9.5602	0.0411	0.2827	0.0062	0.0635	3.2349	0.0022	0.0055	0.0018	0.0012	0.0016	0.0053	0.0024	0.0006	0.0069	0.0001	0.0087	0.0025	0.0108	0.0006	0.0005
24642	8312	3.9219	0.0000	0.4273	0.0065	0.0415	2.6716	0.0012	0.0057	0.0015	0.0025	0.0015	9000.0	0.0012	0.0011	0.0129	0.0004	0.0093	0.0031	0.0131	0.0010	0.0000
24642	8313	7.3489	0.0754	0.2847	0.0042	0.0449	2.0140	0.0011	0.0042	0.0010	0.0021	0.0011	9000.0	0.0009	0.0009	0.0099	0.0008	0.0091	0.0028	0.0134	0.0009	0.0006
24642		7.4626	0.0000	0.3394	0.0059	0.0472	1.9748	600000	0.0038	0.0011	0.0022	0.0012	0.0004	0.0010	0.0009	0.0101	0.0005	0.0103	0.0030	0.0132	0.0009	0.0000
24642	8315	6.7186	0.0801	0.3226	0.0044	0.0403	2.0904	0.0010	0.0041	0.0012	0.0022	0.0011	0.0000	0.0007	0.0009	0.0105	0.0005	0.0092	0.0028	0.0144	0.0007	0.0003
24642	8316	5.4356	0.0264	0.3521	0.0040	0.0470	2.0992	6000.0	0.0042	0.0011	0.0022	0.0013	0.0019	0.0017	0.0009	0.0111	0.0004	0.0093	0.0030	0.0127	0.0008	0.0000
24642	8317	8.2088	0.0491	0.2844	0.0053	0.0418	2.7641	0.0017	0.0043	0.0012	0.0020	0.0012	0.0000	9000.0	0.0008	0.0091	0.0000	0.0103	0.0029	0.0092	0.0007	0.0001
24642	8318	4.1965	0.0834	0.3623	0.0062	0.0319	3.2588	0.0014	0.0053	0.0015	0.0025	0.0017	0.0020	0.0015	0.0010	0.0127	0.0002	0.0108	0.0029	0.0107	0.0008	0.0000
24642	8319	8.1057	0.0000	0.2791	0.0033	0.0394	1.8433	6000.0	0.0029	0.0015	0.0021	0.0010	0.0028	0.0019	0.0008	0.0088	0.0002	0.0103	0.0023	0.0092	0.0008	0.0000
24642	8320	5.5518	0.0000	0.4080	0.0062	0.0390	3.6995	0.0020	0.0058	0.0015	0.0023	0.0017	0.0017	0.0018	0.0009	0.0112	0.0004	0.0101	0.0030	0.0109	0.0007	0.0001
24642	8321	6.0994	0.0067	0.3033	0.0034	0.0332	1.6029	6000.0	0.0039	0.0014	0.0017	0.0011	0.0000	0.0004	0.0009	0.0103	0.0007	0.0093	0.0026	0.0105	0.0008	0.0000
24642	8322	6.7816	0.1196	0.2878	0.0040	0.0341	1.8843	0.0011	0.0034	9000.0	0.0025	0.0010	0.0001	0.0007	0.0009	0.0099	0.0000	0.0097	0.0026	0.0109	0.0007	0.0000
24642	8323 1	16.4028	0.0000	0.0805	0.0029	0.0566	0.9856	9000.0	0.0013	0.0002	0.0008	0.0002	0.0000	0.0000	0.0003	0.0023	0.0006	0.0115	0.0015	0.0093	0.0006	0.0006
24642	8324	4.8272	0.0752	0.3507	0.0045	0.0305	2.4057	0.0011	0.0042	0.0012	0.0025	0.0012	0.0009	0.0012	0.0010	0.0121	0.0008	0.0099	0.0028	0.0120	0.0007	0.0001
24642	8325 1	11.5869	0.0000	0.1711	0.0003	0.0477	0.8357	900000	0.0005	9000.0	9000.0	0.0001	0.0000	0.0000	0.0004	0.0031	0.0000	0.0086	0.0017	0.0119	0.0005	0.0005
24642	8326 1	11.9798	0.0999	0.1026	0.0000	0.0436	0.6129	900000	0.0004	0.0059	0.0004	0.0000	0.0000	0.0000	0.0003	0.0022	0.0004	0.0077	0.0015	0.0255	9000.0	0.0011
24642	8327	7 2036	0	107	0000	0000																

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8.828 16.777 0.0079 0.0244 0.0242 0.0041 0.0041 0.0044 0.0052 0.0070 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.000	0.0007	0.0007	0.0004	0.0009	0.0007	0.0007	0.0008	0.0007	0.0006	0.0006	0.0004	0.0012	0.0010	0.0006	0.0008	0.0005	0.0007	0.0005	0.0006	0.0008	0.0006	0.0005	0.0006	0.0006	0.0010	0.0008	0.0009	0.0010	0.0009	0.0010	0.0009	0.0009	0.0009	0.0009	0.0010	0.0010	0.0008	0.0011	0.0007
82.82 15.77 0.0024 0.0044 0.0044 0.0044 0.0044 0.0044 0.0040 <td>0.0098</td> <td>0.0118</td> <td>0.0000</td> <td>0.0156</td> <td>0.0130</td> <td>0.0125</td> <td>0.0108</td> <td>0.0125</td> <td>0.0097</td> <td>0.0100</td> <td>0.0091</td> <td>0.0150</td> <td>0.0150</td> <td>0.0082</td> <td>0.0141</td> <td>0.0088</td> <td>0.0388</td> <td>0.0074</td> <td>0.0079</td> <td>0.0110</td> <td>0.0033</td> <td>0.0041</td> <td>9900.0</td> <td>0.0075</td> <td>0.0173</td> <td>0.0152</td> <td>0.0140</td> <td>0.0147</td> <td>0.0136</td> <td>0.0136</td> <td>0.0112</td> <td>0.0111</td> <td>0.0117</td> <td>0.0116</td> <td>0.0138</td> <td>0.0129</td> <td>0.0123</td> <td>0.0135</td> <td>0.0113</td>	0.0098	0.0118	0.0000	0.0156	0.0130	0.0125	0.0108	0.0125	0.0097	0.0100	0.0091	0.0150	0.0150	0.0082	0.0141	0.0088	0.0388	0.0074	0.0079	0.0110	0.0033	0.0041	9900.0	0.0075	0.0173	0.0152	0.0140	0.0147	0.0136	0.0136	0.0112	0.0111	0.0117	0.0116	0.0138	0.0129	0.0123	0.0135	0.0113
833 15775 00079 02740 00084 00084 16115 00006 00081 00080 00080 00080 00080 00080 00080 00080 833 00080 0883 158725 00082 00080 0008	0.0026	0.0025	0.0013	0.0032	0.0028	0.0021	0.0024	0.0027	0.0017	0.0019	0.0014	0.0034	0.0033	0.0014	0.0030	0.0015	0.0025	0.0013	0.0013	0.0027	0.0014	0.0018	0.0019	0.0021	0.0033	0.0032	0.0030	0.0032	0.0032	0.0033	0.0031	0.0030	0.0032	0.0030	0.0034	0.0033	0.0030	0.0032	0.0029
833 15775 00079 02740 00084 00084 16115 00006 00081 00080 00000 00000 00000 00000 00000 833 00000 833 15275 00082 00090 00084 00090 00090 00090 00090 00090 00090 00090 00090 833 15275 00080 00090 00	0.0093	0.0091	0.0099	0.0097	9600.0	0.0093	0.0094	9600.0	0.0113	0.0121	0.0167	0.0087	0.0097	0.0174	0.0092	0.0117	0.0130	0.0191	0.0155	0.0086	0.0377	0.0373	0.0105	0.0101	0.0094	0.0103	0.0087	0.0122	0.0242	0.0177	0.0126	0.0124	0.0095	0.0118	0.0111	0.0117	0.0122	0.0133	0.0287
8228 7.6777 0.0079 0.2740 0.0034 0.0347 1.6115 0.0004 0.0004 0.0000 <td></td> <td></td> <td></td> <td>00000</td> <td>0.0003</td> <td>00000</td> <td></td> <td></td> <td>0.0001</td> <td></td> <td>-</td> <td>_</td>				00000	0.0003	00000			0.0001																													-	_
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8328 7,6777 0.0079 0.2740 0.0034 0.0347 1,6115 0.0004 0.0003 0.0000 <td></td> <td></td> <td>_</td> <td>_</td> <td></td> <td>_</td> <td>_</td> <td>_</td> <td>_</td> <td>_</td> <td>_</td> <td>_</td> <td>_</td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td>_</td> <td></td> <td>_</td> <td></td> <td>_</td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td>_</td> <td></td> <td>_</td> <td></td> <td>_</td> <td></td> <td>-</td> <td>_</td>			_	_		_	_	_	_	_	_	_	_	_						_	_		_		_	_					_	_		_		_		-	_
8328 7.6777 0.0078 0.2740 0.0034 0.0347 1.6115 0.0004 0.0034 0.0034 0.0034 0.0341 1.6145 0.0004 <td></td> <td></td> <td></td> <td>_</td> <td></td> <td>_</td> <td>-</td> <td>_</td>				_																																	_	-	_
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8328 7.6777 0.0025 0.2940 0.0034 0.0341 1.6115 0.0006 0.0031 0.00078 8329 4.5776 0.0025 0.3908 0.0054 0.031 1.651 0.0011 0.0044 0.0035 8331 8.2735 0.02683 0.0083 0.0043 1.712 0.0044 0.0005 0.001 8332 3.3898 0.1777 0.0043 0.712 0.0043 0.0005 0.001 8332 3.3898 0.1777 0.0069 0.034 2.3912 0.0013 0.0005 0.001 8333 7.0184 0.1010 0.3025 0.0003 0.0341 1.3802 0.0002 0.				_					_																												_	-	_
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8328 7,6777 0.0079 0.2740 0.0034 0.0347 1,6115 8329 4,5176 0.0025 0.3908 0.0054 0.0318 2,1652 8330 8.0020 0.0547 0.2658 0.0003 0.0494 0.7712 8331 15,2735 0.0583 0.0683 0.0000 0.0494 0.7712 8332 3.3898 0.1777 0.3257 0.0003 0.0336 2.0473 8334 1.06416 0.1144 0.1867 0.0002 0.0337 1.2647 8335 1.0190 0.0735 0.2413 0.0029 0.0337 1.2647 8336 1.2164 0.0000 0.2990 0.0024 0.0347 1.2640 8336 1.2162 0.0844 0.1462 0.0023 0.0440 0.0440 0.0440 8336 1.2162 0.0844 0.1462 0.0023 0.0440 0.0440 8338 1.2162 0.0844 0.1462 0.0000 0.0440 0.044	0.0031	0.0025	0.0004	0.0053	0.0038	0.0022	0.0032	0.0034	0.0007	0.0016	0.0002	0.0050	0.0057	0.0005	0.0051	0.0007	0.0010	0.0001	0.0000	0.0039	0.0008	0.0021	0.0022	0.0019	0.0070	0.0070	0.0058	0.0066	0.0066	0.0059	0.0058	0.0058	0.0058	0.0061	0.0071	0.0065	0.0051	0.0067	0.0038
8328 7,6777 0.0079 0.2740 0.0034 0.0347 1,6115 8329 4,5176 0.0025 0.3908 0.0054 0.0318 2,1652 8330 8.0020 0.0547 0.2658 0.0003 0.0494 0.7712 8331 15,2735 0.0583 0.0683 0.0009 0.0344 2.3812 8332 1,0184 0.1010 0.0325 0.0034 0.7717 8334 1,06446 0.1144 0.1867 0.0029 0.0034 1.7847 8334 1,06446 0.1000 0.2990 0.0023 0.0341 1.3347 8338 1,2164 0.0000 0.2990 0.0024 0.0347 1.6808 8338 1,2162 0.0841 0.1462 0.0023 0.0449 1.7472 8338 1,2162 0.0844 0.1462 0.0023 0.0449 1.7472 8339 1,24169 0.0000 0.0742 0.0489 0.0044 0.1462 0.0024 <	0.0006	0.0007	0.0004	0.0013	0.0008	900000	0.0008	0.0011	9000.0	0.0007	900000	0.0012	0.0015	9000.0	0.0013	0.0005	0.0005	0.0003	9000.0	60000.0	0.0005	0.0004	0.0008	9000.0	0.0026	0.0033	0.0011	0.0026	0.0019	0.0016	0.0014	0.0020	0.0015	0.0022	0.0027	0.0021	0.0018	0.0023	0.0010
8328 7.6777 0.0079 0.2740 0.0034 0.0034 8329 4.5176 0.0025 0.3908 0.0054 0.0318 8330 8.0020 0.0547 0.2658 0.0003 0.0494 8331 15.2735 0.0683 0.0009 0.0494 8332 3.3888 0.1777 0.3847 0.0009 0.0434 8332 1.0184 0.1010 0.3025 0.0003 0.0334 8332 1.0184 0.1014 0.1867 0.0002 0.0424 8333 1.0184 0.1014 0.1867 0.0003 0.0334 8338 12.1626 0.0844 0.1462 0.0003 0.0444 8339 13.1626 0.0844 0.1462 0.0004 0.0344 8339 12.1626 0.0844 0.1462 0.0004 0.0344 8341 1.2571 0.0742 0.0000 0.0484 8342 1.1429 0.0000 0.0448 0.0001 0.0484 <	.6115	.6591	.7712	.3912	.0179	.2947	.5802	.9339	.7472	.0817		.4808	0880	.7042	.0239	.8293	.7316	.6733	.6020	.1233	.5816	.0392	.2777	.0200	.1247	1324	.7812	.3222	1307	.2299	.5516	.9337		.9531	.4503	.5405	.0121		.3228
8328 7.6777 0.0079 0.2740 0.0034 8329 4.5176 0.0025 0.3908 0.0054 8330 8.0020 0.0547 0.2683 0.0009 8331 15.2735 0.0583 0.0069 0.0032 8332 7.0184 0.1010 0.3025 0.0030 8333 7.0184 0.1101 0.3025 0.0030 8334 1.06416 0.1144 0.1867 0.0023 8335 1.2164 0.0000 0.2990 0.0034 8334 1.21626 0.0000 0.2990 0.0034 8335 1.21626 0.0844 0.1462 0.0023 8336 1.21626 0.0844 0.1462 0.003 8337 1.4858 0.0894 0.0455 0.000 8344 15.7275 0.0000 0.0485 0.000 8345 16.7324 0.0290 0.1486 0.000 8348 16.7473 0.0000 0.0345 0.000 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td>_</td> <td>374 1</td> <td></td> <td></td> <td></td> <td>N</td> <td></td> <td>929</td> <td></td> <td>_</td>						_	_	374 1				N																									929		_
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8329 4.5176 8330 8.0020 8331 15.2735 8333 7.0184 8334 10.0190 8335 7.2164 8336 7.2164 8337 14.8588 8338 12.1626 8339 13.4169 8334 12.1626 8334 12.1626 8334 12.1626 8334 12.1626 8334 12.1626 8334 12.1626 8334 12.1628 8342 13.1992 8343 5.2311 8344 15.7275 8345 16.7324 8354 15.7275 8356 15.8382 8358 12.844 8358 12.844 8358 12.844 8358 12.844 8358 12.844 8358 12.844 8358 12.844 8358 13.8388 8358 12.844 8358 11.6334 8358 11.6334 8358 11.6334 8358 11.6334 8358 11.6334 8358 11.6334 8358 11.6334 8358 11.6334 8358 11.6334	0.2740	0.2658	0.0683	0.3647	0.3025	0.1867	0.2413	0.2990	0.0967	0.1462	0.0758	0.4480	0.4597	0.0515	0.3332	0.0897	0.1875	0.0657	0.0445	0.3277	0.0457	0.1063	0.1420	0.1446	0.5316	0.5126	0.3098	0.4896	0.4133	0.4146	0.3450	0.3623	0.3727	0.3329	0.5093	0.4369	0.3560	0.4681	0.3052
8328 8329 8332 8333 8333 8333 8333 8334 8334 8334	0.0079	0.0547	0.0583	0.1777	0.1010	0.1144	0.0735	0.0000	0.0837	0.0844	0.0000	0.0000	0.0742	0.0593	0.1761	0.0000	0.0290	0.0015	0.0472	0.0000	0.0031	0.0000	0.0284	0.0488	0.0000	0.0000	0.2064	0.0000	0.0795	0.0374	0.0000	0.0774	0.0409	0.1195	0.0000	0.0000	0.0554	0.0604	0.0011
8328 8329 8332 8333 8333 8333 8333 8334 8334 8334	7.6777	8.0020	5.2735	3.3898	7.0184	0.6416	0.0190	7.2164	4.8588	12.1626	3.4169	3.2118	2.3571	3.1992	5.2311	5.7275	6.7324	5.4773	5.1028	9776.9	7.4450	5.8362	3.6369	5.4882	2.2844	3.5124	5.8001	3.7102	8.2538	9.0817	1.6334	7.707.7	7.4703	7.8949	5.6249	7.9216	1.2715	5.3291	7.1884
24642 26642 26642																8344 1	8345 1	8346 1	8347 1																				
	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642

0.0003	0.0005	0.0000	0.0004	0.0003	0.0000	0.0000	0.0000	0.0001	0.0011	0.0000	0.0000	0.0000	0.0001	0.0005	0.0003	0.0005	0.0000	0.0000	0.0003	0.0007	0.0004	0.0004	0.0000	0.0005	0.0002	0.0000	0.0004	0.0002	0.0000	0.0000	600000	0.0002	0.0004	0.0001	900000	0.0000	0.0001	0.0003	0.0000
0.0007	900000	0.0009	0.0005	0.0007	0.0005	900000	900000	0.0010	0.0003	900000	900000	0.0005	0.0009	0.0005	0.0007	0.0005	900000	0.0007	0.0008	0.0001	0.0002	0.0007	0.0002	0.0002	0.0007	900000	0.0004	900000	0.0010	0.0009	0.0001	900000	0.0004	0.0007	900000	0.0008	0.0010	0.0001	0.0009
0.0126	0.0086	0.0135	0.0069	0.0113	0.0105	0.0109	0.0000	0.0111	0.0157	0.0065	0.0089	0.0078	0.0106	0.0136	0.0165	0.0117	0.0085	0.0120	0.0164	0.0000	0.0016	0.0129	0.0000	0.0025	0.0138	0.0094	0.0099	0.0098	0.0117	0.0110	0.0000	0.0096	0.0075	0.0104	0.0087	0.0127	0.0130	0.0000	0.0115
0.0029	0.0022	0.0031	0.0024	0.0027	0.0028	0.0032	0.0028	0.0031	0.0023	0.0020	0.0029	0.0025	0.0029	0.0030	0.0030	0.0025	0.0027	0.0032	0.0029	0.0018	0.0009	0.0026	0.0019	0.0015	0.0024	0.0024	0.0021	0.0028	0.0032	0.0030	0.0020	0.0029	0.0022	0.0021	0.0030	0.0031	0.0032	0.0013	0.0027
0.0118	0.0131	0.0127	0.0300	0.0138	0.0429	0.1749	0.1387	0.0120	0.1816	0.0441	0.2703	0.1624	0.0204	0.2568	0.1503	0.1941	0.1234	0.1850	0.0139	0.1438	0.1255	0.0126	0.1493	0.1210	0.0237	0.0193	0.1920	0.0285	0.0093	0.0433	0.1493	0.1830	0.1770	0.0289	0.1382	0.0110			0.0170
0.0000	0.0004	0.0001	0.0000	0.0007	0.0002	0.0023	0.0015	0.0010	0.0023	0.0007	0.0034	0.0024	0.0010	0.0031	0.0029	0.0032	0.0010	0.0032	0.0009	0.0006	0.0008	0.0008	0.0001	0.0005	0.0010	0.0005	0.0013	0.0001	0.0000	0.0005	0.0000	0.0028	0.0017	0.0008	0.0019	0.0003	0.0012	0.0000	0.0010
0.0095	0.0047	0.0151	0.0049	0.0090	0.0089	0.0158	0.0060	0.0217	0.0043	0.0068	0.0087	0.0056	0.0126	0.0086	0.0113	0.0061	0.0085	0.0109	0.0109	0.0003	0.0005	0.0105	0.0000	0.0016	0.0099	0.0110	0.0021	0.0117	0.0136	0.0124	0.0000	0.0088	0.0037	0.0097	0.0104	0.0163		0.0000	0.0120
0.0008	0.0005	0.0012	0.0005	0.0008	0.0008	0.0012	0.0006	0.0016	0.0005	0.0007	0.0008	0.0006	0.0011	0.0008	0.0009	0.0006	0.0008	0.0009	0.0009	0.0001	0.0002	0.0009	0.0001	0.0003	0.0009	0.0010	0.0003	0.0010	0.0011	0.0010	0.0001	0.0008	0.0004	0.0009	0.0009	0.0013			0.0010
0.0003	0.0002	0.0003	0.0003	0.0005	0.0003	0.0007	0.0006	0.0004	0.0006	0.0002	0.0008	0.0005	0.0002	0.0003	0.0009	0.0006	0.0006	0.0008	0.0007	0.0006	0.0005	0.0007	0.0009	0.0006	0.0007	0.0004	0.0010	0.0003	0.0012	0.0007	0.0006	0.0007	0.0007	0.0001	0.0011	0.0010		-	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0002	0.0007	0.0001	0.0001	0.0001	0.0006	0.0000	0.0006	0.0000	0.0006	0.0002	0.0001	0.0000	0.0003	0.0000			0.0000
0.0009	0.0004	0.0014	0.0006	0.0007	0.0008	0.0014	0.0006	0.0017	0.0005	0.0006	0.0010	0.0005	0.0010	0.0010	0.0012	0.0008	0.0008	0.0010	0.0007	0.0006	0.0004	0.0008	0.0005	0.0006	0.0008	0.0010	0.0005	0.0012	0.0015	0.0013	0.0006	0.0010	0.0004	0.0009	0.0011	0.0013		-	0.0009
0.0039	0.0018	0.0038	0.0018	0.0025	0.0030	0.0038	0.0020	0.0045	0.0021	0.0014	0.0030	0.0018	0.0031	0.0025	0.0029	0.0019	0.0024	0.0031	0.0027	0.0010	0.0006	0.0026	0.0013	0.0009	0.0025	0.0031	0.0012	0.0039	0.0046	0.0037	0.0006	0.0032	0.0016	0.0028	0.0033	0.0053			0.0032
0.0012	0.0007	0.0011	0.0012	0.0014	0.0012	0.0013	0.0014	0.0013	0.0012	0.0008	0.0023	0.0012	0.0008	0.0018	0.0020	0.0016	0.0009	0.0012	0.0013	0.0010	0.0013	0.0009	0.0013	0.0012	0.0009	0.0008		0.0013		0.0012	0.0013	0.0015	0.0009	0.0008	0.0018	0.0011			0.0009
0.0052	0.0019	0.0066	0.0025	0.0041	0.0041	0.0066	0.0027	0.0064	0.0022	0.0025	0.0045	0.0028	0.0050	0.0038	0.0049	0.0039	0.0036	0.0047	0.0039	0.0008	0.0004	0.0044	0.0008	0.0011	0.0031	0.0050	0.0013	0.0052	0.0069	0.0059	0.0003	0.0048	0.0015	0.0034	0.0061	0.0066		-	0.0045
0.0015	0.0005	0.0014	0.0004	0.0005	0.0009	0.0009	0.0004	0.0024	0.0004	0.0007	0.0004	0.0004	0.0014	0.0007	0.0006	0.0005	0.0006	0.0006	0.0010	0.0006	0.0005	0.0011	0.0005	0.0003	0.0007	0.0019	0.0006	0.0022	0.0030	0.0018	0.0005	0.0005	0.0003	0.0010	0.0006	0.0026		-	0.0011
2.9039	0.9514	3.6526	1.1456	2.3423	1.9320	3.3810	1.6341	4.9568	1.5140	1.5394	1.6597	1.2683	2.9722	1.5393	2.6825		2.5481	2.5493	2.6304	0.1930	0.1410		0.1317	0.4379	2.4428	3.5793	0.4450	3.9458	5.4649	3.6248	0.1606	2.5246	0.7799	2.4157	2.8305	5.8168			2.0831
0.0560	0.0608	0.0468	0.0493		0.0465	0.0437	0.0491	0.0373	0.0558	0.0444	0.0485	0.0533	0.0448	0.0455	0.0443	0.0420	0.0456	0.0470	0.0410	0.0071	0.0067		0.0070	0.0097			0.0345		0.0495		0.0075	0.0539	0.0466	0.0449	0.0451	0.0424			0.0466
0.0062	0.0017	0.0079	0.0051	0.0037	0.0037	0.0084	0.0045	0.0076	0.0052	0.0038	0.0075	0.0021	0.0067	0.0072	0.0082	0.0043	0.0061	0.0061	0.0075	0.0000	0.0000	0.0046	0.0025	0.0000	0.0045	0.0072	0.0007	0.0082	0.0070	0.0066	0.0005	0.0091	0.0020	0.0052	0900.0	0.0072			0.0062
0.3841	0.1681	0.4028	0.1408		0.2171	0.3563	0.1898	0.4008	0.1765	0.1814	0.2443	0.1714	0.3637	0.2226	0.3257	0.2070	0.2387	0.2670	0.2791	0.0000	0.0012	0.2493	0.0000	0.0314	0.2928	0.3429		0.3292	0.4766	0.4078	0.0000	0.2807	0.1416	0.3229	0.3436	0.4744			0.3335
0.0000	0.0000	0.0351	0.0515		0.2165	0.1130	0.1270	0.1610	0.1292	0.0097	0.1868			0.1410		0.1007	0.1536	0.1626	0.0329	0.0099	0.0000		0.0937	0.0115					0.0000		0.0432	0.1713	0.0273	0.0000	0.0000	0.0000			0.0210
8368 11.1083	20.7638	9.9711	20.4299	13.0371	11.7610	6.7053	13.8731	3.5542	8377 16.1530	12.3276	8379 11.2331		7.4872	11.3313	8.0358	13.3184	9.6095	8.7422	7.8874	23.3224	21.4866	7.6186	24.0130	20.6236	8.4210	5.6785	17.4856	8.2359	4.2762	5.8768	23.7011	8.7967	15.8326		10.0790	3.8110		• •	6.7235
8368	8369	8370	8371	8372	8373	8374	8375	8376		8378		8380	8381	8382	8383	8384	8385	8386	8387	8388	8390	8391	8392	8393	8394	8395	8396	8397	8338		8400	8401	8402	8403	8404	8405			8408
24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642

0.0000	0.000.0	0.0002	0.0001	0.0008	0.000.0	0.000.0	0.000.0	0.000.0	0.0000	0.0000	0.0004	0.0007	0.0002	0.000.0	0.000.0	0.0001	0.0001	0.000.0	0.000.0	9000.0	0.000.0	0.000.0	0.000.0	0.0002	0.0002	0.0002	0.000.0	0.0001	0.000.0	0.000.0	0.0000	0.000.0	0.000.0	0.0001	0.000.0	0.000.0	0.0003	0.000.0	0.000.0
0.0007 0.	0.0009	0.0005 0.	0.0004 0.	0.0004	0.0008	0.0006	0.0007 0.	0.0008 0.	0.0005	.0 6000.c	0.0006	0.0005 0.	0.0005 0.	0.0007	0.0008 0.	0.0007 0.	0.0008 0.	0.0008	0.0008 0.	0.0008 0.	0.0009 0.	0.0009 0.	0.0007	0.0006	0.0008 0.	0.0006 0.	0.0008 0.					0.0007 0.	0.0007 0.	0.0008 0.	0.0005 0.	0.0008 0.		-	0.0008 0.
0.0094 0.	0.0120 0.	0.0114 0.	0.0022 0.	0.0086 0.	0.0115 0.	0.0067 0.	0.0099 0.	0.0105 0.	0.0107 0.	0.0126 0.	0.0137 0.	0.0053 0.	0.0084 0.	0.0083 0.	0.0095 0.	0.0094 0.	0.0094 0.	0.0100 0.	0.0113 0.	0.0135 0.	0.0111 0.	0.0114 0.	0.0110 0.	0.0078 0.	0.0105 0.	-	0.0127 0.	0.0119 0.				0.0095 0.	0.0104 0.	0.0111 0.	0.0051 0.	0.0121 0.	_	-	0.0107 0.
0.0027 0.	0.0031 0.	0.0024 0.	0.0029 0.	0.0024 0.	0.0027 0.	0.0021 0.	0.0028 0.	0.0026 0.	0.0025 0.	0.0031 0.	0.0026 0.	0.0022 0.	0.0022 0.	0.0025 0.	0.0028 0.	0.0027 0.	0.0031 0.	0.0028 0.	0.0033 0.	0.0030 0.	0.0031 0.	0.0030 0.	0.0027 0.	0.0027 0.	0.0029 0.	0.0027 0.	0.0028 0.	0.0032 0.				0.0026 0.	0.0029 0.	0.0028 0.	0.0024 0.	0.0024 0.	-		0.0029 0.
0.0190 0.0	0.0520 0.0	0.0231 0.0	0.4391 0.0	0.1551 0.0	0.0095 0.0	0.0164 0.0	0.0127 0.0	0.0249 0.0	0.0147 0.0	0.0188 0.0	0.0548 0.0	0.0668 0.0	0.0176 0.0	0.0154 0.0	0.0142 0.0	0.0171 0.0	0.0181 0.0	0.0189 0.0	0.1342 0.0	0.0128 0.0	0.0122 0.0	0.0124 0.0	0.0215 0.0	0.2005 0.0	0.0222 0.0	0.0150 0.0		0.0116 0.0				0.0282 0.0	0.0258 0.0	0.0285 0.0	0.1328 0.0	0.0117 0.0	_		0.0141 0.0
0.0001 0.0	0.0000.0	0.0000	0.0041 0.4	0.0012 0.1	0.0000	0.0005 0.0	0.0000.0	0.0011 0.0	0.0002 0.0	0.0006 0.0	0.0008 0.0	0.0009	0.0003 0.0	0.0001 0.0	0.0000	0.0003 0.0	0.0000	0.0003 0.0	0.0021 0.1	0.0003 0.0	0.0000	0.0002 0.0	0.0000	0.0027 0.2	0.0004 0.0	0.0000	0.0011 0.0	0.0003 0.0				0.0000.0	0.0000	0.0002 0.0	0.0016 0.1	0.0000	\vdash	_	0.0000
	0.0115 0.0	0.0074 0.0	0.0046 0.0	0.0021 0.0	0.0111 0.0	0.0059 0.0	0.0 6600.0	0.0085 0.0	0.0082 0.0	0.0122 0.0		0.0028 0.0	0.0051 0.0	0.0077 0.0	0.0095 0.0	0.0094 0.0	0.0 6600.0	0.0123 0.0	0.0132 0.0	0.0119 0.0	0.0129 0.0	0.0137 0.0	0.0071 0.0	0.0 6900.0	0.0126 0.0	0.0087 0.0	0.0096 0.0	_		_	_	0.0 6900.0	0.0110 0.0	0.0094 0.0	0.0027 0.0	0.0 6600.0	-	-	0.0079 0.0
0.0061									_		0.0087																											-	_
00000 20	00000	00000	11 0.0004	00003	07 0.0010	04 0.0006	00000 90	05 0.0008	00 0.0008	03 0.0010	00 0.0008	08 0.0004	900000 00	03 0.0007	01 0.0009	05 0.0008	01 0.0009	05 0.0010	06 0.0011	07 0.0010	06 0.0011	08 0.0011	00 0.0007	00000 80	000010	00000	07 0.0008	02 0.0016	_	_		04 0.0007	600000 90	04 0.0008	05 0.0003	03 0.0009	_	_	04 0.0007
0.0005	3 0.0009	0.0006	0.0011	0.0006	3 0.0007	0.0004	0.0006	0.0005	000000	0.0003	00000 00	0.0008	00000	0.0003	0.0001	0.0005	0.0001	0.0005	900000	0.0007	900000	3 0.0008	00000 00	0.0008		0.0006	3 0.0007					0.0004	900000 00	0.0004	0.0005	0.0003	-	-	0.0004
0.0000	4 0.0003	7 0.0001	2 0.0005	0.0001	9 0.0003	7 0.0001	0.0001	0.0000	4 0.0000	000000 6	7 0.0000	4 0.0002	3 0.0000	0.0000	0.0000	000000 6	8 0.0000	1 0.0000	1 0.0000	1 0.0001	1 0.0000	0 0.0003	0.0000	7 0.0004	3 0.0003	9 0.0002	9 0.0003					0.0000	1 0.0000	0.0000	4 0.0001	0.0000			000000 6
0.0006	0.0014	2 0.0007	3 0.0012	0.0006	3 0.0009	2 0.0007	3 0.0010	3 0.0010	3 0.0004	0.0009	7 0.0007	9 0.0004	3 0.0003	3 0.0006	0.0010	0.0009	3 0.0008	5 0.0011	3 0.0011	2 0.0011	3 0.0011	5 0.0010	3 0.0006	3 0.0007	4 0.0013	0.0009	4 0.0009	3 0.0017				9 0.0007	5 0.0011	4 0.0010	3 0.0004	0.0007	-		0.0009
0.0017	0.0041	0.0032	0.0023	0.0010	0.0038	0.0022	0.0038	0.0023	0.0036	0.0044	0.0027	0.0009	0.0016	0.0028	0.0030	0.0034	0.0033	0.0045	0.0046	0.0032	0.0043	0.0045	0.0026	0.0028	0.0044	0.0027	0.0034	0.0056				0.0029	0.0035	0.0034	0.0013	0.0030			0.0020
0.0008	0.0012	0.0017	0.0022	0.0008	0.0007	0.0005	0.0011	0.0006	0.0004	0.0012	0.0009	0.0010	0.0009	0.0008	0.0010	0.0010	0.0014	0.0010	0.0019	0.0013	0.0015	0.0013	0.0008	0.0013	0.0017		0.0016	_	_	_	_		0.0011	0.0011	0.0009	0.0004	-	-	0.0007
0.0026	0.0061	0.0036	0.0033	0.0016	0.0053	0.0032	0.0055	0.0037	0.0033	0.0051	0.0040	0.0009	0.0023	0.0032	0.0045	0.0038	0.0041	0.0057	0.0059	0900.0	0.0057	0.0061	0.0038	0.0038	0.0061	0.0037	0.0047	0.0076	0.0009	0.0066	0.0047	0.0035	0.0053	0.0039	0.0009	0.0033	0.0015	0.0042	0.0029
0.0006	0.0018	0.0009	0.0006	0.0004	0.0017	0.0010	0.0018	0.0010	0.0010	0.0012	0.0007	0.0005	0.0007	0.0010	0.0011	0.0011	0.0008	0.0013	0.0006	0.0018	0.0021	0.0019	0.0007	0.0005	0.0022	0.0011	0.0010	0.0021	0.0004	0.0013	0.0012	0.0012	0.0013	0.0013	0.0003	0.0009	0.0005	0.0010	0.0010
1.4227	3.7184	2.4345	1.0123	0.3860	3.7272	2.0522	4.1208	2.1344	2.0907	2.6077	1.8324	0.4588	1.0542	2.0146	2.6799	2.2627	1.9745	2.7290	3.7252	3.9290	4.3496	4.3519	1.5177	1.9143	4.3182	2.3723	3.2712	4.4057	0.5058	3.6209	2.8719	1.9890	3.3989	2.5191	0.5066	2.4226	0.8987	2.7280	1.9486
0.0515	0.0456	0.0446	0.0357	0.0497	0.0563	0.0628	0.0490	0.0466	0.0452	0.0389	0.0471	0.0499	0.0469	0.0489	0.0420	0.0414	0.0422	0.0362	0.0462	0.0461	0.0441	0.0421	0.0488	0.0425	0.0454	0.0392	0.0440	0.0383	0.0413	0.0438	0.0437	0.0472	0.0436	0.0502	0.0493	0.0421	0.0455	0.0506	0.0497
0.0028	0.0087	0.0059	0.0057	0.0000	0.0085	0.0035	0.0000	0.0048	0.0067	0.0058	0.0041	0.0001	0.0007	0.0059	0.0044	0.0061	0.0052	0.0055	0.0070	0.0086	0.0077	0.0085	0.0024	0.0034	0.0076	0.0033	6900.0	0.0085	0.0000	0.0079	0.0064	0.0028	0.0071	0.0053	0.0003	0.0031	900000	0.0056	0.0037
0.2020	0.4141	0.2474	0.1701	0.0973	0.3298	0.1776	0.3113	0.2848	0.2783	0.2991	0.2616	0.0630	0.1362	0.2355	0.3082	0.2945	0.2512	0.3035	0.3489	0.3854	0.4145	0.3861	0.2504	0.2170	0.3987	0.3007	0.3623	0.4600					0.3139	0.2566	0.0914	0.2718			0.2815
0.0692	0.0057	0.0766	0.0961	0.1911	0.1368	0.0050	0.1150	0.0000	0.0000	0.1651	0.0000	0.0365	9900.0	0.0717	0.0386	0.0000	0.0418	0.1264 (0.0794	0.0000	0.0000	0.0449	0.0447	0.0000	0.0229	0.0000	0.0000					0.1115 (0.0398	0.1696	0.0473	0.1624		-	0.0648
13.2677	8.9828	11.1011	18.2366	17.6598 (7.2188 (14.1217 (8.8052 (10.3735 (10.5265	9:0963	11.0239 (21.1072 (18.1691	13.3265 (10.5352 (12.2760 (13.1878 (9.6921	8.2528	8.8378	7.6831	7.7416 (9.7662 (12.8159 (12.3191 (10.9221	8.8130 (9.3310	17.8755 (6.7396			10.3906
8409 13	8410 8	8411 11	8412 18	8413 17	8414 7	8415 14	8416 8	8417 10	8418 10	8419 9	8420 11	8421 21	8422 18	8423 13	8424 10	8425 12	8426 13	8427 9	8428 8	8429 8	8430 7	8431 7	8432 9	8433 12	8434 7	8435 12						8441 10	8442 8	8443 9	8444 17	8445 6			8448 10
24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642
2	(1	14	(1	ιV	ιN	11	(1	(1	ιV	ιN	ιV	ιV	(1	ιV	ιV	ιV	ιV	(1	(1	(A	, A	(1	(1	11	(1	(1	(1	(1	(1	(1	(1	11	(1	(1	(1	(1	(1	۲۷	(1

0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0005	0.0003	900000	0.0000	0.0005	0.0001	900000	0.0004	0.0001	0.0002	0.0007	0.0010	0.0000	0.0000	0.0004	0.0003	0.0001	0.0004	0.0010
0.0010	0.0012	0.0008	0.0008	0.0008	0.0004	900000	900000	0.0004	0.0007	0.0008	0.0007	0.0007	0.0008	0.0001	0.0002	0.0003	0.0002	0.0001	0.0000	0.0002	0.0002	0.0000	0.0003	0.0005	0.0000	0.0001
0.0124	0.0162	0.0087	0.0113	0.0111	0.0051	0.0081	0.0067	0.0079	0.0114	0.0115	0.0100	0.0101	0.0118	0.0000	0.0008	0.0000	0.0000	0.0000	0.0011	0.0013	900000	0.0000	0.0000	0.0000	0.0000	0.0009
0.0033	0.0034	0.0026	0.0029	0.0028	0.0021	0.0021	0.0023	0.0016	0.0028	0.0026	0.0026	0.0025	0.0027	0.0016	0.0012	0.0008	0.0009	0.0012	0.0016	0.0009	0.0013	0.0017	0.0011	0.0000	0.0013	0.0010
0.0183	0.0108	0.0554	0.0462	0.0133	0.1613	0.0689	0.0649	0.0897	0.0228	0.0093	0.0105	0.0393	0.0158	0.1831	0.1379	0.0535	0.0246	0.0358	0.1437	0.0902	0.0327	0.1843	0.0224	0.0056	0.0992	0.1213
0.0006	0.0013	0.0008	0.0006	0.0004	0.0019	0.0006	0.0009	0.0012	0.0002	0.0002	0.0003	0.0013	0.0008	0.0004	0.0007	0.0000	0.0005	0.0000	0.0002	0.0012	0.0003	0.0003	0.0000	0.0007	0.0000	0.0010
0.0126	0.0153	0.0071	0.0127	0.0093	0.0020	0.0051	0.0063	0.0029	0.0090	0.0082	0.0087	0.0086	0.0089	0.0000	0.0006	0.0006	9000.0	0.0001	0.0001	0.0008	0.0009	0.0000	0.0005	0.0010	0.0004	0.0005
0.0010	0.0012	0.0007	0.0011	0.0008	0.0003	0.0006	0.0006	0.0004	0.0008	0.0008	0.0008	0.0008	0.0007	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0002	0.0002	0.0001	0.0002	0.0003	0.0002	0.0002
0.0004	0.0011	0.0000	0.0005	0.0003	0.0007	0.0001	0.0004	0.0000	0.0004	0.0006	0.0003	0.0000	0.0020	0.0009	0.0006	0.0003	0.0001	0.0005	0.0008	0.0004	0.0000	0.0009	0.0005	0.0002	0.0007	0.0003
0.0000	0.0005	0.0000	0.0000	0.0000	0.0003	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0053	0.0008	0.0004	0.0001	0.0000	0.0003	0.0003	0.0005	0.0001	0.0010	0.0003	0.0000	0.0004	0.0000
0.0012	0.0016	0.0005	0.0010	0.0007	0.0005	0.0005	0.0006	0.0002	0.0010	0.0009	0.0007	0.0007	0.0017	0.0007	0.0003	0.0002	0.0003	0.0003	0.0007	0.0003	0.0003	0.0004	0.0003	0.0000	0.0002	0.0006
0.0046	0.0048	0.0024	0.0042	0.0032	0.0009	0.0016	0.0028	0.0011	0.0026	0.0030	0.0027	0.0031	0.0026	0.0006	0.0002	0.0002	0.0003	0.0004	0.0004	0.0004	0.0004	0.0012	0.0002	0.0000	0.0010	0.0001
0.0015	0.0016	0.0010	0.0014	0.0011	0.0011	0.0005	0.0010	0.0001	0.0007	0.0009	0.0012	0.0015	0.0018	0.0016	0.0011	0.0013	0.0006	0.0043	0.0014	0.0019	0.0010	0.0018	0.0011	0.0000	0.0012	0.0007
0.0050	0.0067	0.0031	0.0052	0.0044	0.0014	0.0021	0.0036	0.0011	0.0041	0.0043	0.0042	0.0036	0.0048	0.0006	0.0005	0.0002	0.0003	0.0011	0.0012	0.0007	0.0016	0.0016	0.0004	0.0000	0.0004	0.0006
0.0014	0.0027	0.0007	0.0015	0.0015	0.0005	0.0004	0.0005	0.0002	0.0009	0.0012	0.0013	0.0008	0.0008	0.0005	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0004	0.0006	0.0005	0.0004	0.0005	0.0004
2.9865	5.7772	1.3841	3.9190	2.5987	0.4573	1.3731	1.9168	0.7319	2.3514	2.5232	2.5365	1.6167	1.6835	0.1315	0.1329	0.1643	0.1488	0.1792	0.1427	0.1424	0.2216	0.1367	0.1570	0.2111	0.1605	0.1680
0.0446	0.0444	0.0400	0.0407	0.0444	0.0344	0.0375	0.0345	0.0404	0.0423	0.0447	0.0472	0.0440	0.0401	0.0000 0.0070	0.0059	0.0187	0.0000 0.0127	0.0130	0.0103	0.0099	0.0114	0.0078	0.0111	0.0120	0.0105	0.0214
0.0072	0.0071	0.0040	0.0072	0900.0	0.0000	0.0034	0.0065	0.0000	0.0056	0.0043	0.0046	0.0051	0.0045		0.0000	0.0000		0.0000	0.0005	0.0000	0.0000	0.0000	0.0000		0.0000	
0.3494	0.4499	0.1976	0.3440	0.2891	0.0683	0.1733	0.2131	0.1279	0.2856	0.2856	0.2539	0.2189	0.2959	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.1961	4.1471 0.1437	0.0893	0.0319	0.0000	0.0687	0.0334	0.0000	0.0000	0.0087	0.0000	0.0000	0.0726	0.0000	0.0000	0.0079	0.0394	0.0507	0.0000	0.0382	0.0226	0.0652	0.0341	0.0403	0.0111	0.0726	0.0000
8449 6.6686 0.1961 0.3494 0.0072 0.0446	4.1471	8451 12.3812	7.3604	9.3349	19.2993	13.3969	8456 14.0979	8457 16.1424 0.0000	9.2478	9.9129	8460 10.0594 0.0000	8461 10.3570	9.4582	8463 23.8521 0.0000	21.7693	31.5578	8466 33.6482 0.0507	33.6605	32.7720	8469 34.1380 0.0226	34.0601	23.9910	34.2866	8473 19.3721	8474 33.2962	8475 23.1124 0.0000
			8452	8453	8454	8455			8458	8459			8462		8464	8465		8467	8468		8470	8471	8472			
24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642	24642

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