RULE NO.: R161-24.10

NOTICE OF PROPOSED RULE **POSTING DATE:** 07/25/2024

The Director of the Department of Watershed Protection proposes to adopt the following rule after 08/26/2024.

EFFECTIVE DATE OF PROPOSED RULE

A rule proposed in this notice may not become effective before the effective date established by a separate notice of rule adoption. A notice of rule adoption may not be posted before 08/27/24 (the 33rd day after the date of this notice) or not after 10/03/24 (the 70th day after the date of this notice).

If a proposed rule is not adopted on or before 10/03/24, it is automatically withdrawnand cannot be adopted without first posting a new notice of a proposed rule.

REQUEST FOR COMMENTS ON PROPOSED RULES

The City requests comments from the public with respect to the proposed rules included in this Notice. Comments must be received by writing to the contact person below no later than 08/26/24 (the first business day following the 31st day after the date of this notice).

Contact Person:	**Email:**
Elizabeth Funk, Watershed Protection Department	elizabeth.funk@austintexas.gov 512-974-5646

TEXT OF PROPOSED RULE

The text of the proposed rule, indicating changes from the current text, is attached to this notice. A copy of the complete text of the proposed rule is available for public inspection and copying at the following locations. Copies may be purchased at the locations at a cost of ten cents per page:

Watershed Protection Department, located at 505 Barton Springs Road, 12th Floor, and Office of the City Clerk, City Hall, located at 301 West 2nd Street, Austin, Texas.

BRIEF EXPLANATION OF PROPOSED RULE

Drainage Criteria Manual

- **1.2.2- General:** This change simplifies the receiving system descriptions.
- **2.1.0, 2.3.0, 2.4.0, 2.4.2:** The changes address various spelling and grammarerrors.
- **2.3.1- Depth-Duration Frequency Values:** The table has been updated to include 10-minute duration rainfall amounts and North and South labels for eachZone.
- **5.6.1- Spacing:** This change clarifies the intent of the language.
- **3.1.1; 5.7.1, Table 5-7; 6.2.2:** This updates the term storm sewer to storm drainfor continuity across the Code and Criteria manuals and City practices.
- **Appendix B:** These changes have been made to reflect the update to the Depth-Duration Frequency values chart mentioned above.

- **Glossary:** These updates clarify the definition of Adverse Flooding Impactconsistent with long-term interpretation and enforcement and add a Storm Drainage System definition for clarity and continuity.

An affordability impact statement regarding the proposal is available by contacting Elizabeth Funk, elizabeth.funk@austintexas.gov or 512-568-2244.

AUTHORITY FOR ADOPTION OF PROPOSED RULE

The authority and procedure for the adoption of a rule to assist in the implementation, administration, or enforcement of a provision of the City Code is established in Chapter 1-2 of the City Code. The authority to regulate design and construction of drainage facilities and improvements is established in Section 25-7-64 of the City Code.

CERTIFICATION BY CITY ATTORNEY

By signing this Notice of Proposed Rule (R161-24.10), the City Attorney certifies the CityAttorney has reviewed the rule and finds that adoption of the rule is a valid exercise of theDirector's administrative authority.

REVIEWED AND APPROVED

Date: 07/16/2024

Jorge L. Morales, P.E., CFM, Director
Watershed Protection Department

Deborah Thomas

Date: 7/25/2024

Deborah Thomas
Acting City Attorney

SUMMARY JULY 2024 OF WPD PROPOSED DCM CHANGES

Revisions to Drainage Criteria Manual:

- 1.2.2- General: This change simplifies the receiving system descriptions.
- 2.1.0, 2.3.0, 2.4.0, 2.4.2: The changes address various spelling and grammar errors.
- 2.3.1- Depth-Duration Frequency Values: The table and description have been updated to include 10-minute duration rainfall amounts and North and South labels for each Zone.
- 5.6.1- Spacing: This change clarifies the intent of the language.
- 3.1.1; 5.7.1, Table 5-7; 6.2.2: This updates the term “storm sewer” to “storm drain” for continuity across the Code and Criteria manuals and City practices.
- Appendix B: These changes have been made to reflect the update to the Depth-Duration Frequency values chart mentioned above.
- Glossary: These updates clarify the definition of “Adverse Flooding Impact” consistentwith long-term interpretation and enforcement and add a “Storm Drainage System” definition for clarity and continuity.

Proposed DCM Corrections & Clarifications

Spring 2024

Drainage Criteria Manual (DCM)

1.2.2 - General

G. Detention Alternatives. The City recognizes the need for small projects to have an alternative means of meeting stormwater quantity mitigation (detention) requirements. Section 8.2.0 of the Drainage Criteria Manual defines the Regional Stormwater Management Program and describes the requirements for participation in the program. The City will allow small land developments that meet the following simplified requirements to participate in the RSMP. This participation shall take the form of off-site improvements or payment-in-lieu of detention at the discretion of the Director of the Watershed Protection Department. Activity that meets all of the following requirements is not subject to D. above:

1. Commercial, multi-family or mixed-use developments with a site development area (limits of construction for redevelopment) of 0.5 acres or less or a single-family residential subdivision of one acre or less that does not require a preliminary plan application;

2. The proposed impervious cover does not exceed the maximum allowed by a restrictive covenant or plat note for the property, if applicable;

3. The activity does not propose impervious cover over and above current zoning maximums through the application of the various infill options provided in neighborhood plans; and

4. Any increase in runoff from the site shall be discharged to an existing storm drainage system, or right-of-way~~, or dedicated drainage easement~~. If this cannot be achieved, a licensed engineer must submit the following:

i. A signed and sealed drainage plan; and

ii. A signed, sealed and dated letter, addressed to the Director of the Watershed Protection Department, stating without qualification: "I certify that I have personally conducted a topographic review and field investigation of the existing and proposed flow patterns for stormwater runoff from the subject development to the main stem of (name of creek). At build-out conditions allowable by zoning or watershed impervious cover limit, the stormwater flows from the subject development will not cause any additional adverse impacts for storms of magnitude up through the 100-year event."

SECTION 2 - DETERMINATION OF STORM RUNOFF

2.1.0 - GENERAL

If continuous records of the amounts of runoff from urban areas were as readily available as records of precipitation, they would provide the best source of data on which to base the design of storm drainage and flood protection systems. Unfortunately, such records are available in very few areas in sufficient quantity to permit an accurate prediction of stormwater runoff. The accepted practice, therefore, is to relate runoff to rainfall, thereby providing a means for predicting the amount of runoff to be expected from urban watersheds at given recurrence intervals.

Numerous methods of rainfall runoff computations are available on which the design of storm drainage systems may be based. The method chosen is dependent upon the engineer's technical familiarity and the size of the area to be analyzed. For the method chosen the engineer will be responsible for making reasonable assumptions as to the development characteristics of the study area.

The Rational Method is accepted as adequate for drainage areas totaling 100 acres or less with times of concentration totaling 2 hours or less. The Natural Resources Conservation Service (formerly the Soil Conservation Service) curve number method shall be used for drainage areas larger than 100 acres but may also be used for smaller drainage areas. However, the NRCS Type III rainfall distribution will no longer be used for hydrologic modeling. The NRCS hydrologic methods are available in the NRCS TR-20 and the US Army Corps of Engineers' Hydrologic Engineering Center's HEC-HMS programs.

The method of analysis must remain consistent when drainage areas are combined. The method used for the largest combined drainage area should be used for the smaller drainage areas comprising that area. Regardless of drainage area size, certain situations require the use of NRCS ~~hydologic~~hydrologic methods (e.g. a detention facility connected to a downstream storm drainage system). The engineer may use other methods but must have their acceptability approved by the Director of the Watershed Protection Department.

Source: Rule No. 161-20.01 , 1-13-2020.

2.3.0 - DESIGN RAINFALL

Rainfall frequency design criteria must be selected before applying any hydrologic method.

In September 2018, the National Weather Service published *NOAA Atlas 14 - Precipitation - Frequency Atlas of the United States, Volume 11 Version 2.0: Texas*. This volume of Atlas 14 provides updated precipitation frequency estimates for Texas and replaces previous precipitation frequency studies. It is based on rainfall records at thousands of stations with a period of historic record through December 2017, with a few stations updated through June 2018.

The Atlas 14 precipitation-frequency estimates vary across the Austin area with the highest values in the southern portions of the area decreasing to lower values in the northern portion of the area. Because of this variation, separate depth-duration-frequency tables are provided for the areas of Austin south (Zone 1) and north (Zone 2) of the Colorado River. This division ensures that Atlas 14 rainfall amounts across the two regions vary by less than 0.5 inches from the mean ~~failfall~~rainfall in each region. The depth-duration-frequency data is provided in Tables 2-1A and 2-1B. These depths were ~~claculated~~calculated by averaging each Atlas 14 precipitation-frequency grid over the Zone 1 and Zone 2 jurisdictional areas.

The Zone 1 and Zone 2 areas are defined by splitting the City of Austin's full purpose jurisdiction and ETJ at the Colorado River, with one exception as described below and shown in Figure 2-2. Zone 1 includes all portions of the City's jurisdiction and 2- and 5-mile ETJ located south of the Colorado River except for the area located between Murfin Road and Lake Travis. Zone 2 includes all portions of the City's jurisdiction and 2- and 5-mile ETJ located north of the Colorado River and the area located between Murfin Road and Lake Travis.

The depth-duration frequency (DDF) values and intensity-duration-frequency (IDF) parameters suitable for use in the City of Austin are provided in Table 2-1A, Table 2-1B, Table 2-2A, and Table 2-2B below.

Figure 2-2: City of Austin Study Area Map

Source: Rule No. 161-20.01 , § 2, 1-13-2020.

2.3.1- Depth-Duration Frequency Values (HEC-HMS Frequency Storm)

The City of Austin has adopted the use of a 24-hour HEC-HMS frequency storm distribution for use with time-varying rainfall simulations. The depth-duration-frequency (DDF) values to be used for the Zone 1 and Zone 2 areas are shown in Tables 2-1A and 2-1B below. These depths should be entered directly into HEC-HMS software as input to the frequency storm meteorologic models. HEC-HMS will generate the appropriate rainfall distribution for each recurrence interval. The Atlas 14 depths provided are based on a partial-duration analysis; no partial-to-annual output conversion is required.

For use of the frequency storm in HEC-HMS for ~~the~~ evaluation of the 24-hour event, ~~the meteorological model parameters should be set as follows:~~there are several parameters that need to be set in the meteorological model. The rainfall data included in the DCM was developed based on partial duration series. This impacts events up to the 10% annual chance (10-year) event. Partial to Annual conversion should not be used to convert the results to an annual series basis. The Storm Duration used should be 1 Day. The Intensity Duration should be 5 minutes. The Intensity Position should be 50 Percent. The Spatial Distribution should be “Uniform for All Subbasins”. Areal reduction should be used when the drainage area considered in the analysis exceeds 10 square miles. The areal reduction method used in such cases should be “TP40 TP49”.

~~Input Type: Partial Duration (NOAA Atlas 14 precipitation frequency estimates are based on analysis of partial duration series).~~

~~Output Type: Annual Duration.~~

~~Intensity Duration: 5 minutes.~~

~~Storm Duration: 1 Day.~~

~~Intensity Position: 50 percent.~~

~~Storm Area (mi ^{2}): Blank or zero areas less than 10 square miles. Use areal reduction for larger areas.~~

~~Curve: Uniform for all subbasins~~

For use of the frequency storm distribution in spreadsheet calculations or software other than HEC-HMS, refer to Appendix B for the 2-year, 10-year, 25-year, and 100-year distribution ordinates in 1-minute increments. This data may be aggregated to other time intervals as needed.

The computational time interval for computer simulations should be selected based on criteria for the minimum lag time in a given model. The computational time interval used in a HEC-HMS model should be no more than 6 minutes.

Table 2-1A, Depth-Duration-Frequency Values (Zone 1 – South)

Duration	Depth of Precipitation (inches) by Recurrence Interval							
	2-yr.	5-yr.	10-yr.	25-yr.	50-yr.	100-yr.	200-yr.	500-yr.
5-min.	0.53	0.67	0.80	0.98	1.12	1.28	1.45	1.68
10-min.	0.88	1.07	1.28	1.57	1.80	2.04	2.30	2.66
15-min.	1.06	1.35	1.60	1.96	2.24	2.54	2.87	3.34
30-min.	1.49	1.90	2.25	2.75	3.13	3.54	4.01	4.69
1-hr.	1.96	2.51	2.99	3.66	4.19	4.77	5.45	6.45
2-hr.	2.42	3.15	3.82	4.81	5.63	6.57	7.65	9.27
3-hr.	2.70	3.54	4.34	5.55	6.60	7.81	9.21	11.31
6-hr.	3.17	4.20	5.21	6.78	8.17	9.79	11.65	14.48
12-hr.	3.64	4.84	6.02	7.85	9.47	11.37	13.58	16.94
24-hr.	4.14	5.51	6.84	8.90	10.69	12.80	15.27	19.05

Table 2-1B. Depth-Duration-Frequency Values (Zone 2 – North)								
Duration	**Depth of Precipitation (inches) by Recurrence Interval**							
	2-yr.	**5-yr.**	**10-yr.**	**25-yr.**	**50-yr.**	**100-yr.**	**200-yr.**	**500-yr.**
5-min.	0.52	0.66	0.79	0.96	1.11	1.26	1.43	1.66
10-min.	0.83	1.05	1.25	1.54	1.78	2.02	2.28	2.63
15-min.	1.05	1.32	1.57	1.92	2.21	2.51	2.84	3.29
30-min.	1.48	1.87	2.20	2.69	3.08	3.50	3.96	4.62
1-hr.	1.94	2.46	2.91	3.58	4.11	4.70	5.36	6.32
2-hr.	2.39	3.08	3.72	4.68	5.49	6.40	7.43	8.97
3-hr.	2.65	3.46	4.23	5.40	6.41	7.56	8.89	10.86
6-hr.	3.11	4.10	5.08	6.57	7.89	9.41	11.16	13.80
12-hr.	3.57	4.73	5.86	7.60	9.12	10.90	12.96	16.10
24-hr.	4.06	5.38	6.65	8.59	10.28	12.23	14.54	18.05

Source: Rule No. 161-20.01 , § 2, 1-13-2020.

2.4.0 - RATIONAL METHOD

The Rational Method is based on the direct relationship between rainfall and runoff, and is expressed by the following equation:

$Q_p = CiA$ (Eq. 2-2)

Where:

Q_p is defined as the peak runoff in cubic feet per second. ~~Actually,~~ Q_p is in units of acre-inches per hour. Since this rate of acre-in/hr differs from cubic feet per second by less than one (1) percent (1 acre-in/hr = 1.008 cfs), the more common units of cfs are used.

C is the composite coefficient of runoff representing the ratio of peak runoff rate "Qp" to average rainfall intensity rate "i" for the soil types and land uses characteristic of the contributing drainage area.

i is the average intensity of rainfall in inches per hour for a period of time equal to the time of concentration (tc) for the drainage area to the design point under consideration. See Section 2.3.2 in this manual for guidance.

A is the area in acres contributing runoff to the point of design.

The following basic assumptions are associated with the Rational Method:

A. The storm duration is equal to the time of concentration.

B. The computed peak rate of runoff at the design point is a function of the average rainfall rate over a duration equal to the time of concentration at that point.

C. The return period or frequency of the computed peak flow is the same as that for the design storm.

D. The necessary basin characteristics can be identified and the runoff coefficient does not vary during a storm.

E. Rainfall intensity is constant during the storm duration and spatially uniform for the area under analysis.

F. The maximum rate of discharge at the point of design will occur when the entire area above the point of design is contributing runoff.

Source: Rule No. 161-20.01 , § 2, 1-13-2020.

2.4.2 - Time of Concentration

The time of concentration is the time for surface runoff to flow from the most remote point in the watershed to the point of interest. This applies to the most remote point in time, not necessarily the most remote point in distance. Runoff from a drainage area usually reaches a peak at the time when the entire area is contributing. However, runoff may reach a peak prior to the time the entire drainage area is contributing if the area is irregularly shaped or if land use characteristics differ significantly within the area. Sound engineering judgment should be used to determine a flow path representative of the drainage area and in the subsequent calculation of the time of concentration. The time of concentration to any point in a storm drainage system is a combination of the sheet flow (overland), the shallow concentrated flow and the channel flow, which may include storm drains. The minimum time of concentration for any drainage area shall be 5 minutes. Additionally, the minimum slope used for calculation of sheet and shallow flow travel time components should be 0.005 feet per foot (0.5%). The preferred procedure for estimating time of concentration is the NRCS method as described in NRCS's Technical Release 55 (TR-55). This method is outlined below. The overall time of concentration is calculated as the sum of the sheet, shallow concentrated and channel flow travel times. Note that there may be multiple shallow concentrated and channel segments depending on the nature of the flow path.

$T_C = T_{t(sheet)} + T_{t(shallow\ concentrated)} + T_{t(channel)}$ (Eq. 2-3)

A. Sheet Flow. Sheet flow is shallow flow over land surfaces, which usually occurs in the headwaters of streams. The engineer should realize that sheet flow occurs for only very short distances, especially in urbanized conditions. Sheet flow for both natural (undeveloped) and developed conditions should be limited to a maximum of 100 feet. Sheet flow for developed conditions should be based on the actual pavement or grass conditions for areas that are

already developed and should be representative of the anticipated land use within the headwater area in the case of currently undeveloped areas. In a typical residential subdivision, sheet flow may be the distance from one end of the lot to the other or from the house to the edge of the lot. In some heavily urbanized drainage areas, sheet flow may not exist in the headwater area. The NRCS method employs Equation 2-4, which is a modified form kinematic wave equation, for the calculation of the sheet flow travel time.

$T_t = 0.42(nL)^{0.8}/((P_2)^{0.5} s^{0.4})$ (Eq. 2-4)

Where,

T_t = Sheet flow travel time in minutes

L = Length of the reach in ft.

n = Manning's n (see Table 2-4)

P_2 = 2-year, 24-hour rainfall in inches (see Table 2-1A and Table 2-1B)

s = Slope of the ground in ft/ft

B. Shallow Concentrated Flow. After a maximum of approximately 100 feet, sheet flow usually becomes shallow concentrated flow collecting in swales, small rills, and gullies. Shallow concentrated flow is assumed not to have a well-defined channel and has flow depths of 0.1 to 0.5 feet. The travel time for shallow concentrated flows can be computed by Equations 2-5 and 2-6. These two equations are based on the solution of Manning's equation with different assumptions for n (Manning's roughness coefficient) and r (hydraulic radius, ft). For unpaved areas, n is 0.05 and r is 0.4; for paved areas, n is 0.025 and r is 0.2.

$$\text{Unpaved } T_t = L/(60(16.1345)(s)^{0.5}) \text{ (Eq. 2-5)}$$

$$\text{Paved } T_t = L/(60(20.3282)(s)^{0.5}) \text{ (Eq. 2-6)}$$

Where,

T_t = Travel time for shallow concentrated flows in minutes

L = Length of the reach in ft.

s = Slope of the ground in ft/ft

C. Channel or Storm Drain Flow. The velocity in an open channel or a storm drain not flowing full can be determined by using Manning's Equation. Channel velocities can also be determined by using backwater profiles. For open channel flow, average flow velocity is usually determined by assuming a bank-full condition. Note that the channel flow component of the time of concentration may need to be divided into multiple segments in order to represent significant changes in channel characteristics. The details of using Manning's equation and selecting Manning's "n" values for channels can be obtained from Section 6.

For storm drain flow under pressure conditions (hydraulic grade line is higher than the lowest crown of a storm drain) the following equation should be applied:

$$V = Q/A \text{ (Eq. 2-7)}$$

Where:

V = Average velocity, ft/s

Q = Design discharge, cfs

A = Cross-sectional area, ft^2

Flow travel time through a channel can be calculated by Equation (2-8):

$$T_t = \Sigma(L_i/60\ V_i) \quad \text{(Eq. 2-8)}$$

Where:

L_i = The i-th channel segment length, ft.

V_i = The average flow velocity within the ~~ith~~ i-th channel segment, ft/s

T_t = Total Flow travel time through the channel, min.

TABLE 2-4
Manning's "n" for overland flow

Manning's "n"[1]	Surface Description
0.015	Concrete (rough or smoothed finish)
0.016	Asphalt
0.05	Fallow (no residue)
	Cultivated Soils:
0.06	Residue Cover ≤ 20%
0.17	Residue cover > 20%
	Grass:
0.15	Short-grass prairie
0.24	Dense grasses[2]
0.13	Range (natural)
	Woods:[3]
0.40	Light underbrush
0.80	Dense underbrush

[1] The Manning's n values are a composite of information compiled by Engman (1986).

[2] Includes species such as weeping lovegrass, bluegrass, buffalo grass, blue grama grass, and native grass mixtures.

[3] When selecting n, consider cover to a height of about 0.1 ft. This is the only part of the plant cover that will obstruct sheet flow.

Source: Rule No. 161-14.24, 9-2-2014 ; Rule No. 161-20.01 , § 2, 1-13-2020.

3.1.1 - Interference Due to Flow in Streets

Water which flows in a street, whether from rainfall directly onto the pavement surface or overland flow entering from adjacent land areas, will flow in the gutters of the street until it reaches an overflow point or some outlet, such as a storm ~~sewer~~drain inlet. As the flow progresses downhill and additional areas contribute to the runoff, the width of flow will increase and progressively encroach into the traffic lane. On streets where parking is not permitted, as with many arterial streets, flow widths exceeding one traffic lane become a traffic hazard. Field observations show that vehicles will crowd adjacent lanes to avoid curb flow.

As the width of flow increases, it becomes impossible for vehicles to operate without moving through water in an inundated lane. Splash from vehicles traveling in the inundated lane obscures the vision of drivers of vehicles moving at a higher rate of speed in the open lane. Eventually, if width and depth of flow become great enough, the street loses its effectiveness as a traffic-carrier. During these periods it is imperative that emergency vehicles such as fire trucks, ambulances and police cars be able to traverse the street by moving along the crown of the roadway.

5.6.1 - Spacing

Due to equipment constraints, every point within the storm drain must be a maximum of 250 feet from an access point for drains 30 inches in diameter or smaller. For storm drains greater than 30 inches in diameter, manholes shall be placed so that there is a maximum distance of 300 feet to an access point. Storm drain outfalls may be considered as access points for maintenance purposes. Access points must be accessible in accordance with the requirements of Section 1.2.4~~.E~~ of this Manual and must provide a maintenance path within the storm drain that has no more than one horizontal bend between access points, with that bend having a deflection of no more than forty-five (45) degrees in the direction of flow~~the maintenance path~~, and no vertical bend with a deflection of greater than five (5) degrees. Storm drain slope adjustments of less than five (5) degrees are not subject to this requirement. An inlet may be considered as an access point for maintenance purposes if that inlet is: (1) the upstream terminus of the storm drain system, (2) located less than 250-feet from a downstream manhole, and (3) the inlet has a manhole cover that is colinear with the connecting pipe.

Manholes shall also be located where two or more laterals intersect the main line within five (5) feet of each other (See Figure 5-3 in Appendix D of this manual for examples of possible manhole locations). Manholes shall also be placed at locations where changes in pipe size occur.

5.7.1 - Clearance

A. Submitted plans shall include the following for existing and proposed storm drain systems:

   1. Horizontal alignment of the storm drain system in plan view; and
   2. Vertical alignment of the storm drain system in profile view.

B. Plans and drawings shall:

   1. Label all storm drain lines "SD";
   2. Label all storm drain lines with size (diameter for circular pipes, span by rise for box culverts, etc.) and material;
   3. Label clearance distances on the plan and profile when minimum clearances are not met; and
   4. Show storm drain lines that are 24-inches and larger as double-lined to render actual internal dimension(s) of the storm drain.

C. Penetration of storm drain infrastructure by other utilities or structures is not allowed.
D. The following clearance requirements apply to all fixed infrastructure and utilities. Fixed infrastructure and utilities include, but are not limited to:

   1. Water and wastewater mains and service lines;
   2. Gas lines; and
   3. Dry utility services.

E. Clearances shall be measured from the outside edge of the other utility or infrastructure to the outside edge of the storm drain, manhole, inlet, or other appurtenance.
F. The minimum horizontal clearance shall be 60 inches (5 ft) for storm drain, inlet, or other appurtenance. The minimum horizontal clearance shall be 36 inches (3 ft) for storm drain manholes.
G. For storm drains smaller than 42 inches with a depth of cover of 6 feet or less, the minimum vertical clearance will be 12 inches above the storm drain and 18 inches below the storm drain.

   For storm drains 42 inches or larger or with a depth of cover greater than 6 feet, the minimum vertical clearance will be 18 inches above the storm drain and 24 inches below the storm drain.

   This language is equivalent to the following table:

Table 5.8 Minimum Vertical Clearance Table based on Storm Drain Size and Depth of Cover		
	Depth of Cover for Storm Drain	
Diameter/Height of Storm Drain	≤6 ft.	>6 ft.
<42-inch	12-inch (above)	18-inch (above)
	18-inch (below)	24-inch (below)
≥42-inch	18-inch (above)	
	24-inch (below)	

Above: Minimum vertical separation above storm drain outer edge of pipe/box.
Below: Minimum vertical separation below storm drain outer edge of pipe/box.

H. Storm drain laterals and trunk lines shall:

1. Not be built under structures or within 5 feet of building foundations; and
2. Be offset from public sidewalks by a minimum of 2 feet from the edge of pipe to the edge of public sidewalk but may cross under public sidewalks as necessary.

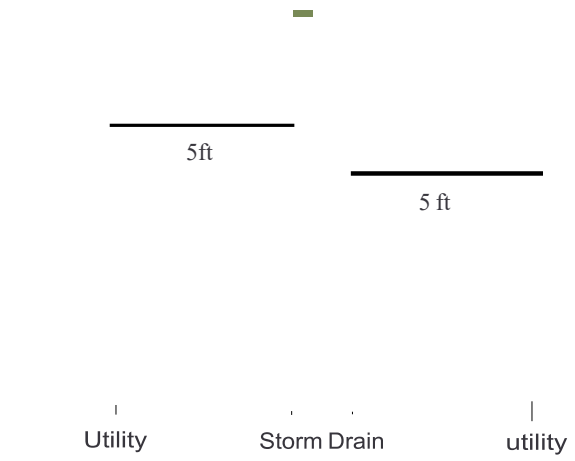
I. New street trees placed within the right-of-way shall have a horizontal clearance of 5 feet from the edge of the tree well to the outer edge of the storm drain, manhole, inlet, or other appurtenance.

J. Consideration for less than the minimum clearances will be given on a case-by-case basis dependent upon:

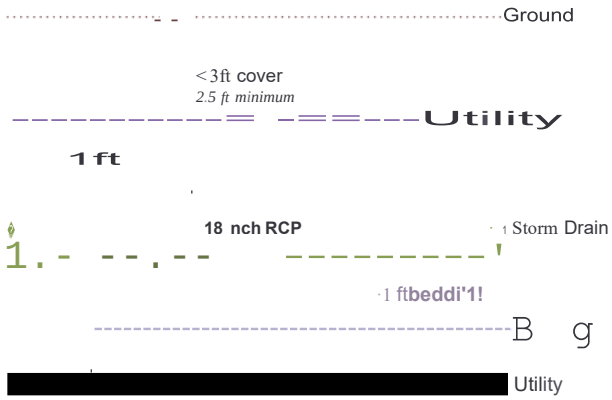
1. Site constraints;
2. Size, depth, and material of proposed utility or street tree in conflict; and
3. Alternatives considered to meet minimum clearances.

K. When vertical clearance is less than values in Table 5.8, the crossing utility shall utilize steel encasement pipe, unless otherwise allowed by the Owner of the crossing utility.

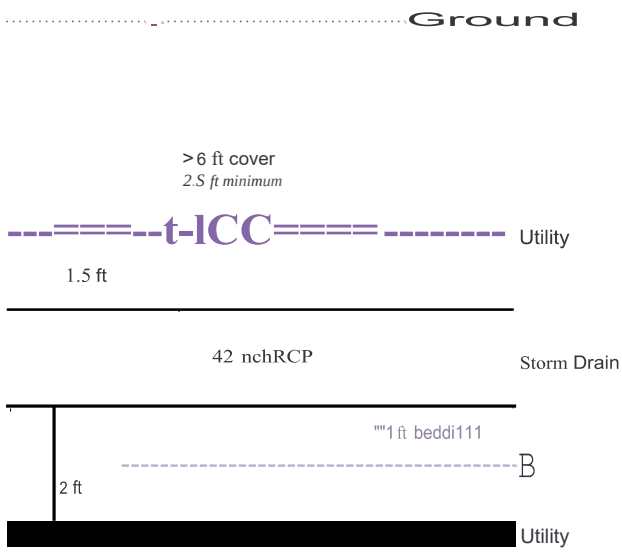
Example Horizontal Clearance (Plan View; not to scale)



Example 1 Vertical Clearance {Profile View; not to scale)



Example 2 Vertical Clearance (Profile View; not to scale)



Source: Rule No. 161-19.22 , 12-18-2019; Rule No. R161-23.16 , 8-29-2023.

Table 5-7 Hydraulic Computations — Storm ~~Sewers~~Drains

MANHOLES/ INLETS		DIST.	DISCHARGE	PIPE SIZE	FRICTION GRADE	HYDR. GRADIENT		V_1 INFLOW	V_2 OUTFLOW	$\frac{V_2^2}{2g}$	$\frac{V_1^2}{2g}$	K_j	$K_j \frac{V_1^2}{2g}$	h	H.G.EL. DESIGN PT.	INV. IN	INV. OUT
FROM	TO	FEET	c.f.s.	INCHES	FT/FT	UP STREAM	DOWN STREAM	f.p.s.	f.p.s.	FT.	FT.	CON-STANT	FT.	FT.	ELEV.	ELEV.	ELEV.
1	2	3	4	5	6	ELEV. 7	ELEV. 8	9	10	11	12	13	14	15	16	17	18

6.2.2 - Gradually Varied Flow

The most common example of gradually varied flow in urban drainage systems occurs in the backwater of bridge openings, culverts, storm ~~sewer~~drain inlets and channel constrictions. Under these conditions, gradually varied flow will be created and the flow depth will be greater than normal depth in the channel. Backwater techniques would need to be applied to determine the water surface profile.

Calculations of water surface profiles can be accomplished by using standard backwater methods or acceptable computer routines, which take into consideration all losses due to changes in velocity, drops, bridge openings and other obstructions in open channels.

There are several acceptable methods for backwater calculations. The most common hand calculation method for prismatic channels and irregular-uniform channels is the Standard Step Method. The most widely used backwater analysis computer program is HEC-RAS, developed by the U.S. Army Corps of Engineers. This program can compute water surface profiles for natural and new channels.

APPENDIX B. - CITY OF AUSTIN DESIGN RAINFALL TIME SERIES

The Zone 1 and Zone 2 depth-duration-frequency values provided in Section 2.3.1 are based on *NOAA Atlas 14 - Volume 11 Version 2.0: Texas*. The values were calculated by averaging each Atlas 14 precipitation-frequency grid over the Zone 1 and Zone 2 jurisdictional areas.

The Zone 1 and Zone 2 areas are defined by splitting the City of Austin's full purpose jurisdiction and ETJ at the Colorado River, with one exception as described below and shown in Figure 2-2. Zone 1 includes all portions of the City's jurisdiction and 2- and 5-mile ETJ located south of the Colorado River except for the area located between Murfin Road and Lake Travis. Zone 2 includes all portions of the City's jurisdiction and 2- and 5-mile ETJ located north of the Colorado River and the area located between Murfin Road and Lake Travis.

The procedure used to develop the Atlas 14-based rainfall data is documented in detail in Freese and Nichols' August 2019 memo, *Atlas 14 DCM Revisions: Area Breakdown and IDF Curves* and in Watearth's August 2019 memo, *City of Austin Drainage Criteria Manual (DCM) Updates: Rainfall Distribution Evaluation*.

The City of Austin has adopted the use of a 24-hour HEC-HMS frequency storm distribution for use with time-varying rainfall simulations. For HEC-HMS model runs, these depths should be entered directly into HEC-HMS frequency storm meteorologic models. For other dynamic hydrologic modeling software, or for spreadsheet calculations, the cumulative 24-hour rainfall time series derived from HEC-HMS for the 2-, 10-, 25-, and 100-year recurrence interval storms can be downloaded as a comma-separated values (CSV) file below.

Table B-1. Design Rainfall Time Series - CSV

Cumulative Rainfall (in)								
Time (h:mm)	Zone 1				Zone 2			
	2-yr	10-yr	25-yr	100-yr	2-yr	10-yr	25-yr	100-yr
0:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0:01	0.0005	0.0009	0.0011	0.0015	0.0005	0.0008	0.0011	0.0014
0:02	0.0011	0.0018	0.0022	0.0030	0.0010	0.0017	0.0021	0.0028
0:03	0.0016	0.0026	0.0034	0.0046	0.0016	0.0025	0.0032	0.0042
0:04	0.0021	0.0035	0.0045	0.0061	0.0021	0.0034	0.0042	0.0057
0:05	0.0027	0.0044	0.0056	0.0076	0.0026	0.0042	0.0053	0.0071
0:06	0.0032	0.0053	0.0067	0.0091	0.0032	0.0051	0.0064	0.0085
0:07	0.0038	0.0062	0.0079	0.0107	0.0037	0.0059	0.0074	0.0099
0:08	0.0043	0.0070	0.0090	0.0122	0.0042	0.0068	0.0085	0.0113
0:09	0.0048	0.0079	0.0101	0.0137	0.0047	0.0076	0.0095	0.0128
0:10	0.0054	0.0088	0.0113	0.0153	0.0053	0.0085	0.0106	0.0142
0:11	0.0059	0.0097	0.0124	0.0168	0.0058	0.0093	0.0117	0.0156
0:12	0.0065	0.0106	0.0135	0.0184	0.0063	0.0102	0.0127	0.0170
0:13	0.0070	0.0115	0.0147	0.0199	0.0069	0.0110	0.0138	0.0185
0:14	0.0075	0.0124	0.0158	0.0214	0.0074	0.0119	0.0149	0.0199
0:15	0.0081	0.0133	0.0169	0.0230	0.0079	0.0127	0.0160	0.0213
0:16	0.0086	0.0141	0.0181	0.0245	0.0085	0.0136	0.0170	0.0228
0:17	0.0092	0.0150	0.0192	0.0261	0.0090	0.0145	0.0181	0.0242

0:18	0.0097	0.0159	0.0204	0.0276	0.0095	0.0153	0.0192	0.0257
0:19	0.0103	0.0168	0.0215	0.0292	0.0100	0.0162	0.0203	0.0271
0:20	0.0108	0.0177	0.0226	0.0307	0.0106	0.0170	0.0213	0.0285
0:21	0.0114	0.0186	0.0238	0.0323	0.0111	0.0179	0.0224	0.0300
0:22	0.0119	0.0195	0.0249	0.0338	0.0117	0.0188	0.0235	0.0314
0:23	0.0125	0.0204	0.0261	0.0354	0.0122	0.0196	0.0246	0.0329
0:24	0.0130	0.0213	0.0272	0.0370	0.0127	0.0205	0.0257	0.0343
0:25	0.0136	0.0222	0.0284	0.0385	0.0133	0.0214	0.0267	0.0358
0:26	0.0141	0.0231	0.0295	0.0401	0.0138	0.0222	0.0278	0.0372
0:27	0.0147	0.0240	0.0307	0.0417	0.0144	0.0231	0.0289	0.0387
0:28	0.0152	0.0249	0.0318	0.0432	0.0149	0.0240	0.0300	0.0401
0:29	0.0158	0.0258	0.0330	0.0448	0.0154	0.0248	0.0311	0.0416
0:30	0.0163	0.0267	0.0342	0.0464	0.0160	0.0257	0.0322	0.0431
0:31	0.0169	0.0276	0.0353	0.0479	0.0165	0.0266	0.0333	0.0445
0:32	0.0174	0.0285	0.0365	0.0495	0.0171	0.0275	0.0344	0.0460
0:33	0.0180	0.0294	0.0376	0.0511	0.0176	0.0283	0.0355	0.0475
0:34	0.0185	0.0304	0.0388	0.0527	0.0181	0.0292	0.0366	0.0489
0:35	0.0191	0.0313	0.0400	0.0543	0.0187	0.0301	0.0377	0.0504
0:36	0.0196	0.0322	0.0411	0.0558	0.0192	0.0310	0.0388	0.0519
0:37	0.0202	0.0331	0.0423	0.0574	0.0198	0.0318	0.0399	0.0533
0:38	0.0207	0.0340	0.0435	0.0590	0.0203	0.0327	0.0410	0.0548
0:39	0.0213	0.0349	0.0446	0.0606	0.0209	0.0336	0.0421	0.0563

0:40	0.0219	0.0358	0.0458	0.0622	0.0214	0.0345	0.0432	0.0578
0:41	0.0224	0.0367	0.0470	0.0638	0.0220	0.0354	0.0443	0.0592
0:42	0.0230	0.0377	0.0482	0.0654	0.0225	0.0362	0.0454	0.0607
0:43	0.0235	0.0386	0.0493	0.0670	0.0231	0.0371	0.0465	0.0622
0:44	0.0241	0.0395	0.0505	0.0686	0.0236	0.0380	0.0476	0.0637
0:45	0.0247	0.0404	0.0517	0.0702	0.0242	0.0389	0.0487	0.0652
0:46	0.0252	0.0413	0.0529	0.0718	0.0247	0.0398	0.0498	0.0667
0:47	0.0258	0.0423	0.0541	0.0734	0.0253	0.0407	0.0509	0.0682
0:48	0.0263	0.0432	0.0552	0.0750	0.0258	0.0416	0.0520	0.0697
0:49	0.0269	0.0441	0.0564	0.0766	0.0264	0.0425	0.0531	0.0711
0:50	0.0275	0.0450	0.0576	0.0782	0.0269	0.0434	0.0543	0.0726
0:51	0.0280	0.0460	0.0588	0.0798	0.0275	0.0443	0.0554	0.0741
0:52	0.0286	0.0469	0.0600	0.0815	0.0280	0.0452	0.0565	0.0756
0:53	0.0292	0.0478	0.0612	0.0831	0.0286	0.0461	0.0576	0.0771
0:54	0.0298	0.0488	0.0624	0.0847	0.0291	0.0470	0.0587	0.0786
0:55	0.0303	0.0497	0.0636	0.0863	0.0297	0.0479	0.0599	0.0802
0:56	0.0309	0.0506	0.0648	0.0879	0.0303	0.0488	0.0610	0.0817
0:57	0.0315	0.0516	0.0660	0.0896	0.0308	0.0497	0.0621	0.0832
0:58	0.0320	0.0525	0.0672	0.0912	0.0314	0.0506	0.0633	0.0847
0:59	0.0326	0.0534	0.0684	0.0928	0.0319	0.0515	0.0644	0.0862
1:00	0.0332	0.0544	0.0696	0.0945	0.0325	0.0524	0.0655	0.0877
1:01	0.0337	0.0553	0.0708	0.0961	0.0331	0.0533	0.0666	0.0892

1:02	0.0343	0.0563	0.0720	0.0977	0.0336	0.0542	0.0678	0.0908
1:03	0.0349	0.0572	0.0732	0.0994	0.0342	0.0551	0.0689	0.0923
1:04	0.0355	0.0581	0.0744	0.1010	0.0347	0.0560	0.0701	0.0938
1:05	0.0360	0.0591	0.0756	0.1026	0.0353	0.0569	0.0712	0.0953
1:06	0.0366	0.0600	0.0768	0.1043	0.0359	0.0578	0.0723	0.0969
1:07	0.0372	0.0610	0.0780	0.1059	0.0364	0.0587	0.0735	0.0984
1:08	0.0378	0.0619	0.0792	0.1076	0.0370	0.0596	0.0746	0.0999
1:09	0.0384	0.0629	0.0804	0.1092	0.0376	0.0605	0.0758	0.1014
1:10	0.0389	0.0638	0.0816	0.1109	0.0382	0.0615	0.0769	0.1030
1:11	0.0395	0.0648	0.0829	0.1125	0.0387	0.0624	0.0781	0.1045
1:12	0.0401	0.0657	0.0841	0.1142	0.0393	0.0633	0.0792	0.1061
1:13	0.0407	0.0667	0.0853	0.1159	0.0399	0.0642	0.0804	0.1076
1:14	0.0413	0.0676	0.0865	0.1175	0.0404	0.0651	0.0815	0.1091
1:15	0.0418	0.0686	0.0877	0.1192	0.0410	0.0661	0.0827	0.1107
1:16	0.0424	0.0696	0.0890	0.1208	0.0416	0.0670	0.0838	0.1122
1:17	0.0430	0.0705	0.0902	0.1225	0.0421	0.0679	0.0850	0.1138
1:18	0.0436	0.0715	0.0914	0.1242	0.0427	0.0688	0.0861	0.1153
1:19	0.0442	0.0724	0.0927	0.1258	0.0433	0.0697	0.0873	0.1169
1:20	0.0448	0.0734	0.0939	0.1275	0.0439	0.0707	0.0884	0.1184
1:21	0.0454	0.0744	0.0951	0.1292	0.0444	0.0716	0.0896	0.1200
1:22	0.0460	0.0753	0.0964	0.1309	0.0450	0.0725	0.0908	0.1215
1:23	0.0465	0.0763	0.0976	0.1326	0.0456	0.0735	0.0919	0.1231

1:24	0.0471	0.0773	0.0988	0.1342	0.0462	0.0744	0.0931	0.1247
1:25	0.0477	0.0782	0.1001	0.1359	0.0468	0.0753	0.0943	0.1262
1:26	0.0483	0.0792	0.1013	0.1376	0.0473	0.0763	0.0954	0.1278
1:27	0.0489	0.0802	0.1026	0.1393	0.0479	0.0772	0.0966	0.1294
1:28	0.0495	0.0811	0.1038	0.1410	0.0485	0.0781	0.0978	0.1309
1:29	0.0501	0.0821	0.1050	0.1427	0.0491	0.0791	0.0989	0.1325
1:30	0.0507	0.0831	0.1063	0.1444	0.0497	0.0800	0.1001	0.1341
1:31	0.0513	0.0841	0.1075	0.1461	0.0502	0.0810	0.1013	0.1357
1:32	0.0519	0.0850	0.1088	0.1478	0.0508	0.0819	0.1025	0.1372
1:33	0.0525	0.0860	0.1100	0.1495	0.0514	0.0828	0.1037	0.1388
1:34	0.0531	0.0870	0.1113	0.1512	0.0520	0.0838	0.1048	0.1404
1:35	0.0537	0.0880	0.1126	0.1529	0.0526	0.0847	0.1060	0.1420
1:36	0.0543	0.0890	0.1138	0.1546	0.0532	0.0857	0.1072	0.1436
1:37	0.0549	0.0899	0.1151	0.1563	0.0538	0.0866	0.1084	0.1452
1:38	0.0555	0.0909	0.1163	0.1580	0.0543	0.0876	0.1096	0.1468
1:39	0.0561	0.0919	0.1176	0.1597	0.0549	0.0885	0.1108	0.1484
1:40	0.0567	0.0929	0.1189	0.1615	0.0555	0.0895	0.1120	0.1500
1:41	0.0573	0.0939	0.1201	0.1632	0.0561	0.0904	0.1132	0.1516
1:42	0.0579	0.0949	0.1214	0.1649	0.0567	0.0914	0.1143	0.1532
1:43	0.0585	0.0959	0.1227	0.1666	0.0573	0.0923	0.1155	0.1548
1:44	0.0591	0.0969	0.1239	0.1683	0.0579	0.0933	0.1167	0.1564
1:45	0.0597	0.0979	0.1252	0.1701	0.0585	0.0942	0.1179	0.1580

1:46	0.0603	0.0989	0.1265	0.1718	0.0591	0.0952	0.1191	0.1596
1:47	0.0609	0.0999	0.1278	0.1735	0.0597	0.0962	0.1203	0.1612
1:48	0.0615	0.1009	0.1290	0.1753	0.0603	0.0971	0.1215	0.1628
1:49	0.0621	0.1019	0.1303	0.1770	0.0609	0.0981	0.1228	0.1644
1:50	0.0627	0.1029	0.1316	0.1788	0.0615	0.0990	0.1240	0.1660
1:51	0.0634	0.1039	0.1329	0.1805	0.0621	0.1000	0.1252	0.1677
1:52	0.0640	0.1049	0.1342	0.1822	0.0627	0.1010	0.1264	0.1693
1:53	0.0646	0.1059	0.1354	0.1840	0.0633	0.1019	0.1276	0.1709
1:54	0.0652	0.1069	0.1367	0.1857	0.0639	0.1029	0.1288	0.1725
1:55	0.0658	0.1079	0.1380	0.1875	0.0645	0.1039	0.1300	0.1742
1:56	0.0664	0.1089	0.1393	0.1893	0.0651	0.1049	0.1312	0.1758
1:57	0.0670	0.1099	0.1406	0.1910	0.0657	0.1058	0.1325	0.1774
1:58	0.0677	0.1109	0.1419	0.1928	0.0663	0.1068	0.1337	0.1791
1:59	0.0683	0.1119	0.1432	0.1945	0.0669	0.1078	0.1349	0.1807
2:00	0.0689	0.1129	0.1445	0.1963	0.0675	0.1088	0.1361	0.1823
2:01	0.0695	0.1140	0.1458	0.1981	0.0681	0.1097	0.1373	0.1840
2:02	0.0701	0.1150	0.1471	0.1998	0.0687	0.1107	0.1386	0.1856
2:03	0.0708	0.1160	0.1484	0.2016	0.0693	0.1117	0.1398	0.1873
2:04	0.0714	0.1170	0.1497	0.2034	0.0699	0.1127	0.1410	0.1889
2:05	0.0720	0.1180	0.1510	0.2052	0.0706	0.1137	0.1423	0.1906
2:06	0.0726	0.1191	0.1523	0.2070	0.0712	0.1146	0.1435	0.1922
2:07	0.0732	0.1201	0.1536	0.2087	0.0718	0.1156	0.1447	0.1939

2:08	0.0739	0.1211	0.1549	0.2105	0.0724	0.1166	0.1460	0.1956
2:09	0.0745	0.1221	0.1563	0.2123	0.0730	0.1176	0.1472	0.1972
2:10	0.0751	0.1232	0.1576	0.2141	0.0736	0.1186	0.1484	0.1989
2:11	0.0758	0.1242	0.1589	0.2159	0.0742	0.1196	0.1497	0.2005
2:12	0.0764	0.1252	0.1602	0.2177	0.0748	0.1206	0.1509	0.2022
2:13	0.0770	0.1263	0.1615	0.2195	0.0755	0.1216	0.1522	0.2039
2:14	0.0776	0.1273	0.1629	0.2213	0.0761	0.1226	0.1534	0.2056
2:15	0.0783	0.1283	0.1642	0.2231	0.0767	0.1236	0.1547	0.2072
2:16	0.0789	0.1294	0.1655	0.2249	0.0773	0.1246	0.1559	0.2089
2:17	0.0795	0.1304	0.1668	0.2267	0.0779	0.1256	0.1572	0.2106
2:18	0.0802	0.1314	0.1682	0.2285	0.0786	0.1266	0.1584	0.2123
2:19	0.0808	0.1325	0.1695	0.2303	0.0792	0.1276	0.1597	0.2140
2:20	0.0814	0.1335	0.1708	0.2322	0.0798	0.1286	0.1609	0.2157
2:21	0.0821	0.1346	0.1722	0.2340	0.0804	0.1296	0.1622	0.2173
2:22	0.0827	0.1356	0.1735	0.2358	0.0810	0.1306	0.1635	0.2190
2:23	0.0834	0.1367	0.1749	0.2376	0.0817	0.1316	0.1647	0.2207
2:24	0.0840	0.1377	0.1762	0.2394	0.0823	0.1326	0.1660	0.2224
2:25	0.0846	0.1388	0.1775	0.2413	0.0829	0.1336	0.1673	0.2241
2:26	0.0853	0.1398	0.1789	0.2431	0.0836	0.1346	0.1685	0.2258
2:27	0.0859	0.1409	0.1802	0.2449	0.0842	0.1356	0.1698	0.2275
2:28	0.0866	0.1419	0.1816	0.2468	0.0848	0.1367	0.1711	0.2292
2:29	0.0872	0.1430	0.1829	0.2486	0.0855	0.1377	0.1723	0.2309

2:30	0.0879	0.1440	0.1843	0.2505	0.0861	0.1387	0.1736	0.2327
2:31	0.0885	0.1451	0.1856	0.2523	0.0867	0.1397	0.1749	0.2344
2:32	0.0892	0.1462	0.1870	0.2541	0.0874	0.1407	0.1762	0.2361
2:33	0.0898	0.1472	0.1884	0.2560	0.0880	0.1418	0.1775	0.2378
2:34	0.0905	0.1483	0.1897	0.2578	0.0886	0.1428	0.1787	0.2395
2:35	0.0911	0.1493	0.1911	0.2597	0.0893	0.1438	0.1800	0.2412
2:36	0.0918	0.1504	0.1925	0.2616	0.0899	0.1448	0.1813	0.2430
2:37	0.0924	0.1515	0.1938	0.2634	0.0905	0.1459	0.1826	0.2447
2:38	0.0931	0.1526	0.1952	0.2653	0.0912	0.1469	0.1839	0.2464
2:39	0.0937	0.1536	0.1966	0.2672	0.0918	0.1479	0.1852	0.2482
2:40	0.0944	0.1547	0.1979	0.2690	0.0925	0.1490	0.1865	0.2499
2:41	0.0950	0.1558	0.1993	0.2709	0.0931	0.1500	0.1878	0.2517
2:42	0.0957	0.1568	0.2007	0.2728	0.0937	0.1510	0.1891	0.2534
2:43	0.0963	0.1579	0.2021	0.2746	0.0944	0.1521	0.1904	0.2551
2:44	0.0970	0.1590	0.2035	0.2765	0.0950	0.1531	0.1917	0.2569
2:45	0.0977	0.1601	0.2048	0.2784	0.0957	0.1542	0.1930	0.2586
2:46	0.0983	0.1612	0.2062	0.2803	0.0963	0.1552	0.1943	0.2604
2:47	0.0990	0.1622	0.2076	0.2822	0.0970	0.1562	0.1956	0.2622
2:48	0.0996	0.1633	0.2090	0.2841	0.0976	0.1573	0.1969	0.2639
2:49	0.1003	0.1644	0.2104	0.2860	0.0983	0.1583	0.1982	0.2657
2:50	0.1010	0.1655	0.2118	0.2879	0.0989	0.1594	0.1995	0.2674
2:51	0.1016	0.1666	0.2132	0.2898	0.0996	0.1604	0.2008	0.2692

2:52	0.1023	0.1677	0.2146	0.2917	0.1002	0.1615	0.2022	0.2710
2:53	0.1030	0.1688	0.2160	0.2936	0.1009	0.1625	0.2035	0.2727
2:54	0.1036	0.1699	0.2174	0.2955	0.1015	0.1636	0.2048	0.2745
2:55	0.1043	0.1710	0.2188	0.2974	0.1022	0.1647	0.2061	0.2763
2:56	0.1050	0.1721	0.2202	0.2993	0.1029	0.1657	0.2075	0.2781
2:57	0.1056	0.1732	0.2216	0.3012	0.1035	0.1668	0.2088	0.2799
2:58	0.1063	0.1743	0.2230	0.3031	0.1042	0.1678	0.2101	0.2816
2:59	0.1070	0.1754	0.2244	0.3051	0.1048	0.1689	0.2114	0.2834
3:00	0.1077	0.1765	0.2258	0.3070	0.1055	0.1700	0.2128	0.2852
3:01	0.1083	0.1776	0.2273	0.3089	0.1062	0.1710	0.2141	0.2870
3:02	0.1090	0.1787	0.2287	0.3109	0.1068	0.1721	0.2155	0.2888
3:03	0.1097	0.1798	0.2301	0.3128	0.1075	0.1732	0.2168	0.2906
3:04	0.1104	0.1809	0.2315	0.3147	0.1081	0.1742	0.2181	0.2924
3:05	0.1111	0.1820	0.2330	0.3167	0.1088	0.1753	0.2195	0.2942
3:06	0.1117	0.1832	0.2344	0.3186	0.1095	0.1764	0.2208	0.2960
3:07	0.1124	0.1843	0.2358	0.3206	0.1101	0.1775	0.2222	0.2978
3:08	0.1131	0.1854	0.2372	0.3225	0.1108	0.1785	0.2235	0.2996
3:09	0.1138	0.1865	0.2387	0.3245	0.1115	0.1796	0.2249	0.3015
3:10	0.1145	0.1876	0.2401	0.3264	0.1122	0.1807	0.2262	0.3033
3:11	0.1151	0.1888	0.2416	0.3284	0.1128	0.1818	0.2276	0.3051
3:12	0.1158	0.1899	0.2430	0.3303	0.1135	0.1829	0.2289	0.3069
3:13	0.1165	0.1910	0.2444	0.3323	0.1142	0.1840	0.2303	0.3088

3:14	0.1172	0.1922	0.2459	0.3343	0.1148	0.1850	0.2317	0.3106
3:15	0.1179	0.1933	0.2473	0.3363	0.1155	0.1861	0.2330	0.3124
3:16	0.1186	0.1944	0.2488	0.3382	0.1162	0.1872	0.2344	0.3143
3:17	0.1193	0.1955	0.2502	0.3402	0.1169	0.1883	0.2358	0.3161
3:18	0.1200	0.1967	0.2517	0.3422	0.1176	0.1894	0.2371	0.3179
3:19	0.1207	0.1978	0.2531	0.3442	0.1182	0.1905	0.2385	0.3198
3:20	0.1214	0.1990	0.2546	0.3462	0.1189	0.1916	0.2399	0.3216
3:21	0.1221	0.2001	0.2561	0.3481	0.1196	0.1927	0.2413	0.3235
3:22	0.1228	0.2012	0.2575	0.3501	0.1203	0.1938	0.2427	0.3253
3:23	0.1235	0.2024	0.2590	0.3521	0.1210	0.1949	0.2440	0.3272
3:24	0.1242	0.2035	0.2605	0.3541	0.1216	0.1960	0.2454	0.3291
3:25	0.1249	0.2047	0.2619	0.3561	0.1223	0.1971	0.2468	0.3309
3:26	0.1256	0.2058	0.2634	0.3581	0.1230	0.1982	0.2482	0.3328
3:27	0.1263	0.2070	0.2649	0.3602	0.1237	0.1993	0.2496	0.3347
3:28	0.1270	0.2081	0.2664	0.3622	0.1244	0.2005	0.2510	0.3365
3:29	0.1277	0.2093	0.2678	0.3642	0.1251	0.2016	0.2524	0.3384
3:30	0.1284	0.2105	0.2693	0.3662	0.1258	0.2027	0.2538	0.3403
3:31	0.1291	0.2116	0.2708	0.3682	0.1265	0.2038	0.2552	0.3422
3:32	0.1298	0.2128	0.2723	0.3703	0.1272	0.2049	0.2566	0.3440
3:33	0.1305	0.2139	0.2738	0.3723	0.1279	0.2060	0.2580	0.3459
3:34	0.1312	0.2151	0.2753	0.3743	0.1286	0.2072	0.2594	0.3478
3:35	0.1319	0.2163	0.2768	0.3764	0.1293	0.2083	0.2608	0.3497

3:36	0.1326	0.2175	0.2783	0.3784	0.1300	0.2094	0.2622	0.3516
3:37	0.1333	0.2186	0.2798	0.3804	0.1307	0.2105	0.2636	0.3535
3:38	0.1341	0.2198	0.2813	0.3825	0.1314	0.2117	0.2650	0.3554
3:39	0.1348	0.2210	0.2828	0.3845	0.1321	0.2128	0.2665	0.3573
3:40	0.1355	0.2221	0.2843	0.3866	0.1328	0.2139	0.2679	0.3592
3:41	0.1362	0.2233	0.2858	0.3886	0.1335	0.2151	0.2693	0.3611
3:42	0.1369	0.2245	0.2873	0.3907	0.1342	0.2162	0.2707	0.3631
3:43	0.1377	0.2257	0.2888	0.3928	0.1349	0.2174	0.2722	0.3650
3:44	0.1384	0.2269	0.2903	0.3948	0.1356	0.2185	0.2736	0.3669
3:45	0.1391	0.2281	0.2919	0.3969	0.1363	0.2196	0.2750	0.3688
3:46	0.1398	0.2292	0.2934	0.3990	0.1370	0.2208	0.2765	0.3708
3:47	0.1406	0.2304	0.2949	0.4011	0.1377	0.2219	0.2779	0.3727
3:48	0.1413	0.2316	0.2964	0.4031	0.1384	0.2231	0.2793	0.3746
3:49	0.1420	0.2328	0.2980	0.4052	0.1391	0.2242	0.2808	0.3766
3:50	0.1427	0.2340	0.2995	0.4073	0.1399	0.2254	0.2822	0.3785
3:51	0.1435	0.2352	0.3010	0.4094	0.1406	0.2265	0.2837	0.3805
3:52	0.1442	0.2364	0.3026	0.4115	0.1413	0.2277	0.2851	0.3824
3:53	0.1449	0.2376	0.3041	0.4136	0.1420	0.2289	0.2866	0.3844
3:54	0.1457	0.2388	0.3056	0.4157	0.1427	0.2300	0.2880	0.3863
3:55	0.1464	0.2400	0.3072	0.4178	0.1435	0.2312	0.2895	0.3883
3:56	0.1471	0.2412	0.3087	0.4199	0.1442	0.2323	0.2909	0.3902
3:57	0.1479	0.2424	0.3103	0.4220	0.1449	0.2335	0.2924	0.3922

3:58	0.1486	0.2437	0.3118	0.4241	0.1456	0.2347	0.2939	0.3942
3:59	0.1494	0.2449	0.3134	0.4263	0.1463	0.2358	0.2953	0.3962
4:00	0.1501	0.2461	0.3150	0.4284	0.1471	0.2370	0.2968	0.3981
4:01	0.1508	0.2473	0.3165	0.4305	0.1478	0.2382	0.2983	0.4001
4:02	0.1516	0.2485	0.3181	0.4326	0.1485	0.2394	0.2997	0.4021
4:03	0.1523	0.2497	0.3196	0.4348	0.1493	0.2405	0.3012	0.4041
4:04	0.1531	0.2510	0.3212	0.4369	0.1500	0.2417	0.3027	0.4061
4:05	0.1538	0.2522	0.3228	0.4390	0.1507	0.2429	0.3042	0.4081
4:06	0.1546	0.2534	0.3244	0.4412	0.1515	0.2441	0.3057	0.4101
4:07	0.1553	0.2547	0.3259	0.4433	0.1522	0.2453	0.3071	0.4121
4:08	0.1561	0.2559	0.3275	0.4455	0.1529	0.2465	0.3086	0.4141
4:09	0.1568	0.2571	0.3291	0.4477	0.1537	0.2477	0.3101	0.4161
4:10	0.1576	0.2584	0.3307	0.4498	0.1544	0.2488	0.3116	0.4181
4:11	0.1583	0.2596	0.3323	0.4520	0.1552	0.2500	0.3131	0.4201
4:12	0.1591	0.2608	0.3339	0.4541	0.1559	0.2512	0.3146	0.4221
4:13	0.1599	0.2621	0.3355	0.4563	0.1566	0.2524	0.3161	0.4241
4:14	0.1606	0.2633	0.3371	0.4585	0.1574	0.2536	0.3176	0.4262
4:15	0.1614	0.2646	0.3387	0.4607	0.1581	0.2548	0.3191	0.4282
4:16	0.1621	0.2658	0.3403	0.4629	0.1589	0.2560	0.3207	0.4302
4:17	0.1629	0.2671	0.3419	0.4650	0.1596	0.2573	0.3222	0.4323
4:18	0.1637	0.2683	0.3435	0.4672	0.1604	0.2585	0.3237	0.4343
4:19	0.1644	0.2696	0.3451	0.4694	0.1611	0.2597	0.3252	0.4363

4:20	0.1652	0.2709	0.3467	0.4716	0.1619	0.2609	0.3267	0.4384
4:21	0.1660	0.2721	0.3483	0.4738	0.1626	0.2621	0.3282	0.4404
4:22	0.1668	0.2734	0.3499	0.4760	0.1634	0.2633	0.3298	0.4425
4:23	0.1675	0.2747	0.3515	0.4783	0.1641	0.2645	0.3313	0.4445
4:24	0.1683	0.2759	0.3532	0.4805	0.1649	0.2658	0.3328	0.4466
4:25	0.1691	0.2772	0.3548	0.4827	0.1657	0.2670	0.3344	0.4487
4:26	0.1698	0.2785	0.3564	0.4849	0.1664	0.2682	0.3359	0.4507
4:27	0.1706	0.2797	0.3581	0.4871	0.1672	0.2694	0.3375	0.4528
4:28	0.1714	0.2810	0.3597	0.4894	0.1679	0.2707	0.3390	0.4549
4:29	0.1722	0.2823	0.3613	0.4916	0.1687	0.2719	0.3405	0.4570
4:30	0.1730	0.2836	0.3630	0.4939	0.1695	0.2731	0.3421	0.4591
4:31	0.1737	0.2849	0.3646	0.4961	0.1702	0.2744	0.3436	0.4611
4:32	0.1745	0.2862	0.3663	0.4983	0.1710	0.2756	0.3452	0.4632
4:33	0.1753	0.2874	0.3679	0.5006	0.1718	0.2769	0.3468	0.4653
4:34	0.1761	0.2887	0.3696	0.5029	0.1726	0.2781	0.3483	0.4674
4:35	0.1769	0.2900	0.3712	0.5051	0.1733	0.2794	0.3499	0.4695
4:36	0.1777	0.2913	0.3729	0.5074	0.1741	0.2806	0.3515	0.4716
4:37	0.1785	0.2926	0.3746	0.5097	0.1749	0.2819	0.3530	0.4738
4:38	0.1793	0.2939	0.3762	0.5119	0.1757	0.2831	0.3546	0.4759
4:39	0.1801	0.2952	0.3779	0.5142	0.1764	0.2844	0.3562	0.4780
4:40	0.1809	0.2965	0.3796	0.5165	0.1772	0.2856	0.3578	0.4801
4:41	0.1817	0.2978	0.3812	0.5188	0.1780	0.2869	0.3593	0.4822

4:42	0.1825	0.2992	0.3829	0.5211	0.1788	0.2881	0.3609	0.4844
4:43	0.1833	0.3005	0.3846	0.5234	0.1796	0.2894	0.3625	0.4865
4:44	0.1841	0.3018	0.3863	0.5257	0.1803	0.2907	0.3641	0.4887
4:45	0.1849	0.3031	0.3880	0.5280	0.1811	0.2920	0.3657	0.4908
4:46	0.1857	0.3044	0.3897	0.5303	0.1819	0.2932	0.3673	0.4929
4:47	0.1865	0.3057	0.3914	0.5326	0.1827	0.2945	0.3689	0.4951
4:48	0.1873	0.3071	0.3931	0.5349	0.1835	0.2958	0.3705	0.4973
4:49	0.1881	0.3084	0.3948	0.5372	0.1843	0.2971	0.3721	0.4994
4:50	0.1889	0.3097	0.3965	0.5396	0.1851	0.2983	0.3737	0.5016
4:51	0.1897	0.3111	0.3982	0.5419	0.1859	0.2996	0.3753	0.5038
4:52	0.1905	0.3124	0.3999	0.5442	0.1867	0.3009	0.3769	0.5059
4:53	0.1913	0.3137	0.4016	0.5466	0.1875	0.3022	0.3785	0.5081
4:54	0.1922	0.3151	0.4033	0.5489	0.1883	0.3035	0.3802	0.5103
4:55	0.1930	0.3164	0.4050	0.5512	0.1891	0.3048	0.3818	0.5125
4:56	0.1938	0.3178	0.4068	0.5536	0.1899	0.3061	0.3834	0.5147
4:57	0.1946	0.3191	0.4085	0.5560	0.1907	0.3074	0.3850	0.5169
4:58	0.1954	0.3205	0.4102	0.5583	0.1915	0.3087	0.3867	0.5191
4:59	0.1963	0.3218	0.4120	0.5607	0.1923	0.3100	0.3883	0.5213
5:00	0.1971	0.3232	0.4137	0.5631	0.1931	0.3113	0.3900	0.5235
5:01	0.1979	0.3245	0.4154	0.5654	0.1939	0.3126	0.3916	0.5257
5:02	0.1988	0.3259	0.4172	0.5678	0.1947	0.3139	0.3932	0.5279
5:03	0.1996	0.3273	0.4189	0.5702	0.1956	0.3152	0.3949	0.5301

5:04	0.2004	0.3286	0.4207	0.5726	0.1964	0.3165	0.3965	0.5323
5:05	0.2013	0.3300	0.4224	0.5750	0.1972	0.3179	0.3982	0.5346
5:06	0.2021	0.3314	0.4242	0.5774	0.1980	0.3192	0.3999	0.5368
5:07	0.2029	0.3328	0.4260	0.5798	0.1988	0.3205	0.4015	0.5390
5:08	0.2038	0.3341	0.4277	0.5822	0.1997	0.3218	0.4032	0.5413
5:09	0.2046	0.3355	0.4295	0.5846	0.2005	0.3232	0.4049	0.5435
5:10	0.2055	0.3369	0.4313	0.5870	0.2013	0.3245	0.4065	0.5458
5:11	0.2063	0.3383	0.4330	0.5895	0.2021	0.3258	0.4082	0.5480
5:12	0.2071	0.3397	0.4348	0.5919	0.2030	0.3272	0.4099	0.5503
5:13	0.2080	0.3411	0.4366	0.5943	0.2038	0.3285	0.4116	0.5526
5:14	0.2088	0.3425	0.4384	0.5968	0.2046	0.3299	0.4133	0.5548
5:15	0.2097	0.3439	0.4402	0.5992	0.2055	0.3312	0.4150	0.5571
5:16	0.2105	0.3453	0.4420	0.6016	0.2063	0.3326	0.4166	0.5594
5:17	0.2114	0.3467	0.4438	0.6041	0.2071	0.3339	0.4183	0.5617
5:18	0.2123	0.3481	0.4456	0.6066	0.2080	0.3353	0.4200	0.5640
5:19	0.2131	0.3495	0.4474	0.6090	0.2088	0.3366	0.4217	0.5663
5:20	0.2140	0.3509	0.4492	0.6115	0.2097	0.3380	0.4235	0.5686
5:21	0.2148	0.3523	0.4510	0.6140	0.2105	0.3393	0.4252	0.5709
5:22	0.2157	0.3537	0.4528	0.6164	0.2114	0.3407	0.4269	0.5732
5:23	0.2166	0.3551	0.4546	0.6189	0.2122	0.3421	0.4286	0.5755
5:24	0.2174	0.3566	0.4565	0.6214	0.2131	0.3435	0.4303	0.5778
5:25	0.2183	0.3580	0.4583	0.6239	0.2139	0.3448	0.4320	0.5801

5:26	0.2192	0.3594	0.4601	0.6264	0.2148	0.3462	0.4338	0.5825
5:27	0.2201	0.3608	0.4619	0.6289	0.2156	0.3476	0.4355	0.5848
5:28	0.2209	0.3623	0.4638	0.6314	0.2165	0.3490	0.4372	0.5871
5:29	0.2218	0.3637	0.4656	0.6339	0.2173	0.3504	0.4390	0.5895
5:30	0.2227	0.3652	0.4675	0.6365	0.2182	0.3517	0.4407	0.5918
5:31	0.2236	0.3666	0.4693	0.6390	0.2191	0.3531	0.4425	0.5942
5:32	0.2244	0.3680	0.4712	0.6415	0.2199	0.3545	0.4442	0.5965
5:33	0.2253	0.3695	0.4730	0.6441	0.2208	0.3559	0.4460	0.5989
5:34	0.2262	0.3709	0.4749	0.6466	0.2217	0.3573	0.4477	0.6013
5:35	0.2271	0.3724	0.4768	0.6492	0.2225	0.3587	0.4495	0.6036
5:36	0.2280	0.3739	0.4786	0.6517	0.2234	0.3601	0.4513	0.6060
5:37	0.2289	0.3753	0.4805	0.6543	0.2243	0.3615	0.4530	0.6084
5:38	0.2298	0.3768	0.4824	0.6568	0.2251	0.3630	0.4548	0.6108
5:39	0.2307	0.3783	0.4843	0.6594	0.2260	0.3644	0.4566	0.6132
5:40	0.2316	0.3797	0.4862	0.6620	0.2269	0.3658	0.4584	0.6156
5:41	0.2325	0.3812	0.4880	0.6646	0.2278	0.3672	0.4601	0.6180
5:42	0.2334	0.3827	0.4899	0.6672	0.2287	0.3686	0.4619	0.6204
5:43	0.2343	0.3842	0.4918	0.6697	0.2295	0.3701	0.4637	0.6228
5:44	0.2352	0.3856	0.4937	0.6723	0.2304	0.3715	0.4655	0.6252
5:45	0.2361	0.3871	0.4956	0.6749	0.2313	0.3729	0.4673	0.6277
5:46	0.2370	0.3886	0.4976	0.6776	0.2322	0.3744	0.4691	0.6301
5:47	0.2379	0.3901	0.4995	0.6802	0.2331	0.3758	0.4709	0.6325

5:48	0.2388	0.3916	0.5014	0.6828	0.2340	0.3772	0.4727	0.6350
5:49	0.2397	0.3931	0.5033	0.6854	0.2349	0.3787	0.4746	0.6374
5:50	0.2406	0.3946	0.5052	0.6881	0.2358	0.3801	0.4764	0.6399
5:51	0.2416	0.3961	0.5072	0.6907	0.2367	0.3816	0.4782	0.6423
5:52	0.2425	0.3976	0.5091	0.6933	0.2376	0.3831	0.4800	0.6448
5:53	0.2434	0.3991	0.5110	0.6960	0.2385	0.3845	0.4819	0.6473
5:54	0.2443	0.4007	0.5130	0.6987	0.2394	0.3860	0.4837	0.6497
5:55	0.2452	0.4022	0.5149	0.7013	0.2403	0.3874	0.4855	0.6522
5:56	0.2462	0.4037	0.5169	0.7040	0.2412	0.3889	0.4874	0.6547
5:57	0.2471	0.4052	0.5188	0.7067	0.2421	0.3904	0.4892	0.6572
5:58	0.2480	0.4068	0.5208	0.7093	0.2430	0.3919	0.4911	0.6597
5:59	0.2490	0.4083	0.5228	0.7120	0.2440	0.3933	0.4929	0.6622
6:00	0.2499	0.4098	0.5247	0.7147	0.2449	0.3948	0.4948	0.6647
6:01	0.2509	0.4116	0.5271	0.7181	0.2459	0.3965	0.4970	0.6679
6:02	0.2519	0.4133	0.5294	0.7216	0.2469	0.3982	0.4992	0.6711
6:03	0.2529	0.4151	0.5317	0.7250	0.2479	0.3999	0.5015	0.6744
6:04	0.2540	0.4168	0.5340	0.7284	0.2488	0.4016	0.5037	0.6776
6:05	0.2550	0.4186	0.5363	0.7319	0.2498	0.4033	0.5059	0.6808
6:06	0.2560	0.4204	0.5387	0.7353	0.2508	0.4050	0.5082	0.6841
6:07	0.2570	0.4221	0.5410	0.7388	0.2518	0.4067	0.5104	0.6873
6:08	0.2580	0.4239	0.5433	0.7422	0.2528	0.4084	0.5127	0.6906
6:09	0.2591	0.4257	0.5457	0.7457	0.2539	0.4101	0.5149	0.6939

6:10	0.2601	0.4275	0.5480	0.7492	0.2549	0.4118	0.5172	0.6971
6:11	0.2611	0.4292	0.5504	0.7527	0.2559	0.4135	0.5195	0.7004
6:12	0.2622	0.4310	0.5528	0.7562	0.2569	0.4152	0.5217	0.7037
6:13	0.2632	0.4328	0.5551	0.7597	0.2579	0.4169	0.5240	0.7070
6:14	0.2642	0.4346	0.5575	0.7632	0.2589	0.4187	0.5263	0.7103
6:15	0.2653	0.4364	0.5599	0.7667	0.2599	0.4204	0.5286	0.7136
6:16	0.2663	0.4382	0.5623	0.7702	0.2610	0.4221	0.5309	0.7170
6:17	0.2674	0.4400	0.5647	0.7737	0.2620	0.4239	0.5332	0.7203
6:18	0.2684	0.4418	0.5671	0.7773	0.2630	0.4256	0.5355	0.7236
6:19	0.2695	0.4437	0.5695	0.7808	0.2640	0.4274	0.5378	0.7270
6:20	0.2705	0.4455	0.5719	0.7844	0.2651	0.4291	0.5401	0.7303
6:21	0.2716	0.4473	0.5743	0.7880	0.2661	0.4309	0.5424	0.7337
6:22	0.2726	0.4491	0.5767	0.7915	0.2671	0.4326	0.5448	0.7370
6:23	0.2737	0.4510	0.5791	0.7951	0.2682	0.4344	0.5471	0.7404
6:24	0.2748	0.4528	0.5815	0.7987	0.2692	0.4362	0.5494	0.7438
6:25	0.2758	0.4546	0.5840	0.8023	0.2703	0.4379	0.5518	0.7472
6:26	0.2769	0.4565	0.5864	0.8059	0.2713	0.4397	0.5541	0.7506
6:27	0.2780	0.4583	0.5889	0.8095	0.2724	0.4415	0.5565	0.7540
6:28	0.2790	0.4602	0.5913	0.8132	0.2734	0.4433	0.5588	0.7574
6:29	0.2801	0.4621	0.5938	0.8168	0.2745	0.4451	0.5612	0.7608
6:30	0.2812	0.4639	0.5962	0.8204	0.2755	0.4469	0.5636	0.7643
6:31	0.2823	0.4658	0.5987	0.8241	0.2766	0.4487	0.5660	0.7677

6:32	0.2834	0.4677	0.6012	0.8278	0.2776	0.4505	0.5683	0.7712
6:33	0.2845	0.4695	0.6037	0.8314	0.2787	0.4523	0.5707	0.7746
6:34	0.2855	0.4714	0.6062	0.8351	0.2798	0.4541	0.5731	0.7781
6:35	0.2866	0.4733	0.6087	0.8388	0.2808	0.4559	0.5755	0.7816
6:36	0.2877	0.4752	0.6112	0.8425	0.2819	0.4577	0.5779	0.7850
6:37	0.2888	0.4771	0.6137	0.8462	0.2830	0.4595	0.5803	0.7885
6:38	0.2899	0.4790	0.6162	0.8499	0.2841	0.4614	0.5828	0.7920
6:39	0.2910	0.4809	0.6187	0.8536	0.2851	0.4632	0.5852	0.7955
6:40	0.2921	0.4828	0.6212	0.8574	0.2862	0.4650	0.5876	0.7991
6:41	0.2933	0.4847	0.6237	0.8611	0.2873	0.4669	0.5900	0.8026
6:42	0.2944	0.4866	0.6263	0.8648	0.2884	0.4687	0.5925	0.8061
6:43	0.2955	0.4886	0.6288	0.8686	0.2895	0.4706	0.5949	0.8097
6:44	0.2966	0.4905	0.6314	0.8724	0.2906	0.4724	0.5974	0.8132
6:45	0.2977	0.4924	0.6339	0.8762	0.2917	0.4743	0.5998	0.8168
6:46	0.2988	0.4944	0.6365	0.8799	0.2928	0.4762	0.6023	0.8203
6:47	0.3000	0.4963	0.6391	0.8837	0.2939	0.4780	0.6048	0.8239
6:48	0.3011	0.4983	0.6416	0.8876	0.2950	0.4799	0.6073	0.8275
6:49	0.3022	0.5002	0.6442	0.8914	0.2961	0.4818	0.6097	0.8311
6:50	0.3034	0.5022	0.6468	0.8952	0.2972	0.4837	0.6122	0.8347
6:51	0.3045	0.5041	0.6494	0.8990	0.2983	0.4856	0.6147	0.8383
6:52	0.3056	0.5061	0.6520	0.9029	0.2994	0.4875	0.6172	0.8419
6:53	0.3068	0.5081	0.6546	0.9067	0.3005	0.4894	0.6197	0.8456

6:54	0.3079	0.5100	0.6572	0.9106	0.3017	0.4913	0.6223	0.8492
6:55	0.3091	0.5120	0.6599	0.9145	0.3028	0.4932	0.6248	0.8529
6:56	0.3102	0.5140	0.6625	0.9183	0.3039	0.4951	0.6273	0.8565
6:57	0.3114	0.5160	0.6651	0.9222	0.3050	0.4970	0.6299	0.8602
6:58	0.3125	0.5180	0.6678	0.9261	0.3062	0.4989	0.6324	0.8639
6:59	0.3137	0.5200	0.6704	0.9300	0.3073	0.5009	0.6349	0.8676
7:00	0.3149	0.5220	0.6731	0.9340	0.3085	0.5028	0.6375	0.8713
7:01	0.3160	0.5240	0.6757	0.9379	0.3096	0.5047	0.6401	0.8750
7:02	0.3172	0.5261	0.6784	0.9419	0.3107	0.5067	0.6426	0.8787
7:03	0.3184	0.5281	0.6811	0.9458	0.3119	0.5086	0.6452	0.8824
7:04	0.3196	0.5301	0.6838	0.9498	0.3130	0.5106	0.6478	0.8862
7:05	0.3207	0.5322	0.6865	0.9538	0.3142	0.5125	0.6504	0.8899
7:06	0.3219	0.5342	0.6892	0.9578	0.3154	0.5145	0.6530	0.8937
7:07	0.3231	0.5362	0.6919	0.9618	0.3165	0.5165	0.6556	0.8974
7:08	0.3243	0.5383	0.6946	0.9658	0.3177	0.5185	0.6582	0.9012
7:09	0.3255	0.5404	0.6973	0.9698	0.3189	0.5204	0.6608	0.9050
7:10	0.3267	0.5424	0.7000	0.9738	0.3200	0.5224	0.6634	0.9088
7:11	0.3279	0.5445	0.7028	0.9779	0.3212	0.5244	0.6661	0.9126
7:12	0.3291	0.5466	0.7055	0.9819	0.3224	0.5264	0.6687	0.9164
7:13	0.3303	0.5486	0.7083	0.9860	0.3236	0.5284	0.6714	0.9203
7:14	0.3315	0.5507	0.7110	0.9900	0.3247	0.5304	0.6740	0.9241
7:15	0.3327	0.5528	0.7138	0.9941	0.3259	0.5324	0.6767	0.9280

7:16	0.3339	0.5549	0.7166	0.9982	0.3271	0.5345	0.6793	0.9318
7:17	0.3352	0.5570	0.7193	1.0023	0.3283	0.5365	0.6820	0.9357
7:18	0.3364	0.5591	0.7221	1.0065	0.3295	0.5385	0.6847	0.9396
7:19	0.3376	0.5613	0.7249	1.0106	0.3307	0.5406	0.6874	0.9435
7:20	0.3388	0.5634	0.7277	1.0147	0.3319	0.5426	0.6901	0.9474
7:21	0.3401	0.5655	0.7305	1.0189	0.3331	0.5446	0.6928	0.9513
7:22	0.3413	0.5676	0.7334	1.0230	0.3343	0.5467	0.6955	0.9552
7:23	0.3425	0.5698	0.7362	1.0272	0.3355	0.5488	0.6982	0.9592
7:24	0.3438	0.5719	0.7390	1.0314	0.3368	0.5508	0.7010	0.9631
7:25	0.3450	0.5741	0.7419	1.0356	0.3380	0.5529	0.7037	0.9671
7:26	0.3463	0.5762	0.7447	1.0398	0.3392	0.5550	0.7065	0.9710
7:27	0.3475	0.5784	0.7476	1.0441	0.3404	0.5571	0.7092	0.9750
7:28	0.3488	0.5806	0.7505	1.0483	0.3417	0.5591	0.7120	0.9790
7:29	0.3501	0.5828	0.7533	1.0525	0.3429	0.5612	0.7147	0.9830
7:30	0.3513	0.5849	0.7562	1.0568	0.3441	0.5633	0.7175	0.9870
7:31	0.3526	0.5871	0.7591	1.0611	0.3454	0.5655	0.7203	0.9911
7:32	0.3539	0.5893	0.7620	1.0654	0.3466	0.5676	0.7231	0.9951
7:33	0.3552	0.5915	0.7649	1.0697	0.3479	0.5697	0.7259	0.9992
7:34	0.3564	0.5937	0.7678	1.0740	0.3491	0.5718	0.7287	1.0032
7:35	0.3577	0.5960	0.7708	1.0783	0.3504	0.5740	0.7315	1.0073
7:36	0.3590	0.5982	0.7737	1.0826	0.3517	0.5761	0.7344	1.0114
7:37	0.3603	0.6004	0.7767	1.0870	0.3529	0.5782	0.7372	1.0155

7:38	0.3616	0.6026	0.7796	1.0913	0.3542	0.5804	0.7400	1.0196
7:39	0.3629	0.6049	0.7826	1.0957	0.3555	0.5826	0.7429	1.0237
7:40	0.3642	0.6071	0.7855	1.1001	0.3567	0.5847	0.7457	1.0279
7:41	0.3655	0.6094	0.7885	1.1045	0.3580	0.5869	0.7486	1.0320
7:42	0.3668	0.6117	0.7915	1.1089	0.3593	0.5891	0.7515	1.0362
7:43	0.3682	0.6139	0.7945	1.1134	0.3606	0.5913	0.7544	1.0404
7:44	0.3695	0.6162	0.7975	1.1178	0.3619	0.5935	0.7573	1.0446
7:45	0.3708	0.6185	0.8005	1.1223	0.3632	0.5957	0.7602	1.0488
7:46	0.3721	0.6208	0.8036	1.1267	0.3645	0.5979	0.7631	1.0530
7:47	0.3735	0.6231	0.8066	1.1312	0.3658	0.6001	0.7660	1.0572
7:48	0.3748	0.6254	0.8097	1.1357	0.3671	0.6023	0.7690	1.0615
7:49	0.3761	0.6277	0.8127	1.1402	0.3684	0.6045	0.7719	1.0657
7:50	0.3775	0.6300	0.8158	1.1448	0.3697	0.6068	0.7748	1.0700
7:51	0.3788	0.6323	0.8189	1.1493	0.3711	0.6090	0.7778	1.0743
7:52	0.3802	0.6347	0.8220	1.1538	0.3724	0.6113	0.7808	1.0786
7:53	0.3816	0.6370	0.8251	1.1584	0.3737	0.6135	0.7838	1.0829
7:54	0.3829	0.6394	0.8282	1.1630	0.3751	0.6158	0.7867	1.0872
7:55	0.3843	0.6417	0.8313	1.1676	0.3764	0.6180	0.7897	1.0915
7:56	0.3857	0.6441	0.8344	1.1722	0.3777	0.6203	0.7928	1.0959
7:57	0.3870	0.6465	0.8375	1.1768	0.3791	0.6226	0.7958	1.1003
7:58	0.3884	0.6489	0.8407	1.1815	0.3804	0.6249	0.7988	1.1046
7:59	0.3898	0.6512	0.8438	1.1861	0.3818	0.6272	0.8018	1.1090

8:00	0.3912	0.6536	0.8470	1.1908	0.3832	0.6295	0.8049	1.1134
8:01	0.3926	0.6560	0.8502	1.1955	0.3845	0.6318	0.8080	1.1179
8:02	0.3940	0.6585	0.8534	1.2002	0.3859	0.6342	0.8110	1.1223
8:03	0.3954	0.6609	0.8566	1.2049	0.3873	0.6365	0.8141	1.1267
8:04	0.3968	0.6633	0.8598	1.2096	0.3887	0.6388	0.8172	1.1312
8:05	0.3982	0.6657	0.8630	1.2144	0.3901	0.6412	0.8203	1.1357
8:06	0.3997	0.6682	0.8662	1.2192	0.3914	0.6435	0.8234	1.1402
8:07	0.4011	0.6706	0.8695	1.2239	0.3928	0.6459	0.8265	1.1447
8:08	0.4025	0.6731	0.8727	1.2287	0.3942	0.6483	0.8297	1.1492
8:09	0.4039	0.6756	0.8760	1.2336	0.3956	0.6506	0.8328	1.1538
8:10	0.4054	0.6781	0.8792	1.2384	0.3970	0.6530	0.8359	1.1583
8:11	0.4068	0.6805	0.8825	1.2432	0.3985	0.6554	0.8391	1.1629
8:12	0.4083	0.6830	0.8858	1.2481	0.3999	0.6578	0.8423	1.1675
8:13	0.4097	0.6855	0.8891	1.2530	0.4013	0.6602	0.8455	1.1721
8:14	0.4112	0.6881	0.8924	1.2579	0.4027	0.6627	0.8487	1.1767
8:15	0.4127	0.6906	0.8958	1.2628	0.4042	0.6651	0.8519	1.1814
8:16	0.4141	0.6931	0.8991	1.2677	0.4056	0.6675	0.8551	1.1860
8:17	0.4156	0.6956	0.9025	1.2727	0.4070	0.6700	0.8583	1.1907
8:18	0.4171	0.6982	0.9058	1.2776	0.4085	0.6724	0.8616	1.1954
8:19	0.4186	0.7008	0.9092	1.2826	0.4099	0.6749	0.8648	1.2001
8:20	0.4201	0.7033	0.9126	1.2876	0.4114	0.6774	0.8681	1.2048
8:21	0.4216	0.7059	0.9160	1.2926	0.4129	0.6799	0.8713	1.2095

8:22	0.4231	0.7085	0.9194	1.2977	0.4143	0.6823	0.8746	1.2143
8:23	0.4246	0.7111	0.9228	1.3027	0.4158	0.6848	0.8779	1.2191
8:24	0.4261	0.7137	0.9263	1.3078	0.4173	0.6874	0.8812	1.2238
8:25	0.4276	0.7163	0.9297	1.3129	0.4188	0.6899	0.8846	1.2287
8:26	0.4291	0.7189	0.9332	1.3180	0.4203	0.6924	0.8879	1.2335
8:27	0.4307	0.7216	0.9367	1.3231	0.4218	0.6949	0.8913	1.2383
8:28	0.4322	0.7242	0.9402	1.3283	0.4233	0.6975	0.8946	1.2432
8:29	0.4337	0.7268	0.9437	1.3335	0.4248	0.7001	0.8980	1.2481
8:30	0.4353	0.7295	0.9472	1.3386	0.4263	0.7026	0.9014	1.2530
8:31	0.4368	0.7322	0.9507	1.3439	0.4278	0.7052	0.9048	1.2579
8:32	0.4384	0.7349	0.9543	1.3491	0.4294	0.7078	0.9082	1.2628
8:33	0.4400	0.7375	0.9578	1.3543	0.4309	0.7104	0.9116	1.2677
8:34	0.4415	0.7402	0.9614	1.3596	0.4324	0.7130	0.9150	1.2727
8:35	0.4431	0.7430	0.9650	1.3649	0.4340	0.7156	0.9185	1.2777
8:36	0.4447	0.7457	0.9686	1.3702	0.4355	0.7182	0.9220	1.2827
8:37	0.4463	0.7484	0.9722	1.3755	0.4371	0.7209	0.9254	1.2877
8:38	0.4479	0.7512	0.9758	1.3809	0.4386	0.7235	0.9289	1.2928
8:39	0.4495	0.7539	0.9794	1.3863	0.4402	0.7262	0.9324	1.2979
8:40	0.4511	0.7567	0.9831	1.3916	0.4418	0.7289	0.9359	1.3030
8:41	0.4527	0.7595	0.9868	1.3971	0.4434	0.7315	0.9395	1.3081
8:42	0.4543	0.7623	0.9904	1.4025	0.4450	0.7342	0.9430	1.3132
8:43	0.4560	0.7651	0.9941	1.4079	0.4465	0.7369	0.9466	1.3183

8:44	0.4576	0.7679	0.9978	1.4134	0.4481	0.7396	0.9502	1.3235
8:45	0.4592	0.7707	1.0016	1.4189	0.4498	0.7424	0.9537	1.3287
8:46	0.4609	0.7735	1.0053	1.4244	0.4514	0.7451	0.9573	1.3339
8:47	0.4626	0.7764	1.0091	1.4300	0.4530	0.7478	0.9610	1.3391
8:48	0.4642	0.7792	1.0128	1.4355	0.4546	0.7506	0.9646	1.3444
8:49	0.4659	0.7821	1.0166	1.4411	0.4562	0.7534	0.9682	1.3497
8:50	0.4676	0.7850	1.0204	1.4467	0.4579	0.7561	0.9719	1.3550
8:51	0.4692	0.7879	1.0243	1.4524	0.4595	0.7589	0.9756	1.3603
8:52	0.4709	0.7908	1.0281	1.4580	0.4612	0.7617	0.9793	1.3656
8:53	0.4726	0.7937	1.0319	1.4637	0.4629	0.7645	0.9830	1.3710
8:54	0.4743	0.7966	1.0358	1.4694	0.4645	0.7674	0.9867	1.3764
8:55	0.4761	0.7996	1.0397	1.4751	0.4662	0.7702	0.9904	1.3818
8:56	0.4778	0.8025	1.0436	1.4809	0.4679	0.7730	0.9942	1.3872
8:57	0.4795	0.8055	1.0475	1.4867	0.4696	0.7759	0.9980	1.3927
8:58	0.4812	0.8085	1.0514	1.4925	0.4713	0.7788	1.0018	1.3981
8:59	0.4830	0.8115	1.0554	1.4983	0.4730	0.7817	1.0056	1.4036
9:00	0.4847	0.8145	1.0594	1.5041	0.4747	0.7846	1.0094	1.4092
9:01	0.4868	0.8183	1.0648	1.5130	0.4767	0.7883	1.0146	1.4174
9:02	0.4888	0.8221	1.0703	1.5219	0.4787	0.7920	1.0198	1.4257
9:03	0.4909	0.8260	1.0758	1.5309	0.4807	0.7958	1.0250	1.4340
9:04	0.4930	0.8299	1.0813	1.5398	0.4827	0.7996	1.0302	1.4424
9:05	0.4950	0.8337	1.0868	1.5488	0.4848	0.8034	1.0354	1.4508

9:06	0.4971	0.8376	1.0924	1.5579	0.4868	0.8072	1.0407	1.4592
9:07	0.4992	0.8416	1.0979	1.5670	0.4889	0.8110	1.0460	1.4677
9:08	0.5013	0.8455	1.1035	1.5761	0.4909	0.8149	1.0513	1.4762
9:09	0.5034	0.8494	1.1092	1.5852	0.4930	0.8187	1.0567	1.4847
9:10	0.5055	0.8534	1.1148	1.5944	0.4951	0.8226	1.0620	1.4932
9:11	0.5077	0.8574	1.1205	1.6036	0.4972	0.8265	1.0674	1.5018
9:12	0.5098	0.8614	1.1262	1.6129	0.4993	0.8304	1.0728	1.5105
9:13	0.5120	0.8654	1.1319	1.6222	0.5014	0.8343	1.0783	1.5191
9:14	0.5141	0.8694	1.1376	1.6315	0.5035	0.8383	1.0837	1.5278
9:15	0.5163	0.8735	1.1434	1.6409	0.5056	0.8422	1.0892	1.5365
9:16	0.5185	0.8776	1.1492	1.6503	0.5078	0.8462	1.0947	1.5453
9:17	0.5207	0.8817	1.1550	1.6597	0.5099	0.8502	1.1002	1.5541
9:18	0.5229	0.8858	1.1608	1.6692	0.5121	0.8542	1.1058	1.5630
9:19	0.5251	0.8899	1.1667	1.6788	0.5142	0.8582	1.1113	1.5718
9:20	0.5273	0.8940	1.1726	1.6883	0.5164	0.8623	1.1169	1.5808
9:21	0.5295	0.8982	1.1785	1.6979	0.5186	0.8664	1.1226	1.5897
9:22	0.5318	0.9024	1.1845	1.7076	0.5208	0.8705	1.1282	1.5987
9:23	0.5340	0.9066	1.1904	1.7173	0.5230	0.8746	1.1339	1.6078
9:24	0.5363	0.9108	1.1964	1.7270	0.5252	0.8787	1.1396	1.6168
9:25	0.5386	0.9151	1.2025	1.7368	0.5275	0.8828	1.1453	1.6259
9:26	0.5409	0.9193	1.2085	1.7466	0.5297	0.8870	1.1511	1.6351
9:27	0.5432	0.9236	1.2146	1.7565	0.5320	0.8912	1.1569	1.6443

9:28	0.5455	0.9279	1.2207	1.7664	0.5342	0.8954	1.1627	1.6535
9:29	0.5478	0.9322	1.2269	1.7763	0.5365	0.8996	1.1685	1.6628
9:30	0.5501	0.9366	1.2330	1.7863	0.5388	0.9039	1.1744	1.6721
9:31	0.5525	0.9409	1.2392	1.7963	0.5411	0.9082	1.1803	1.6815
9:32	0.5549	0.9453	1.2455	1.8064	0.5434	0.9125	1.1862	1.6909
9:33	0.5572	0.9497	1.2517	1.8166	0.5457	0.9168	1.1921	1.7003
9:34	0.5596	0.9542	1.2580	1.8267	0.5480	0.9211	1.1981	1.7098
9:35	0.5620	0.9586	1.2643	1.8369	0.5504	0.9254	1.2041	1.7194
9:36	0.5644	0.9631	1.2707	1.8472	0.5527	0.9298	1.2102	1.7289
9:37	0.5668	0.9676	1.2771	1.8575	0.5551	0.9342	1.2162	1.7386
9:38	0.5693	0.9721	1.2835	1.8679	0.5575	0.9386	1.2223	1.7482
9:39	0.5717	0.9767	1.2899	1.8783	0.5599	0.9431	1.2285	1.7580
9:40	0.5742	0.9813	1.2964	1.8888	0.5623	0.9476	1.2346	1.7677
9:41	0.5767	0.9859	1.3029	1.8993	0.5647	0.9520	1.2408	1.7776
9:42	0.5792	0.9905	1.3095	1.9098	0.5672	0.9566	1.2470	1.7874
9:43	0.5817	0.9951	1.3160	1.9205	0.5696	0.9611	1.2533	1.7973
9:44	0.5842	0.9998	1.3227	1.9311	0.5721	0.9657	1.2596	1.8073
9:45	0.5867	1.0045	1.3293	1.9419	0.5746	0.9702	1.2659	1.8173
9:46	0.5893	1.0092	1.3360	1.9526	0.5770	0.9749	1.2722	1.8274
9:47	0.5918	1.0140	1.3427	1.9635	0.5796	0.9795	1.2786	1.8375
9:48	0.5944	1.0187	1.3495	1.9743	0.5821	0.9842	1.2851	1.8476
9:49	0.5970	1.0235	1.3562	1.9853	0.5846	0.9888	1.2915	1.8579

9:50	0.5996	1.0284	1.3631	1.9963	0.5872	0.9936	1.2980	1.8681
9:51	0.6022	1.0332	1.3699	2.0073	0.5897	0.9983	1.3045	1.8785
9:52	0.6049	1.0381	1.3768	2.0184	0.5923	1.0031	1.3111	1.8888
9:53	0.6075	1.0430	1.3838	2.0296	0.5949	1.0079	1.3177	1.8993
9:54	0.6102	1.0479	1.3908	2.0408	0.5975	1.0127	1.3243	1.9098
9:55	0.6129	1.0529	1.3978	2.0521	0.6002	1.0176	1.3310	1.9203
9:56	0.6156	1.0579	1.4048	2.0635	0.6028	1.0224	1.3377	1.9309
9:57	0.6183	1.0629	1.4119	2.0749	0.6055	1.0273	1.3445	1.9416
9:58	0.6210	1.0680	1.4191	2.0864	0.6081	1.0323	1.3513	1.9523
9:59	0.6238	1.0731	1.4263	2.0979	0.6108	1.0373	1.3581	1.9631
10:00	0.6266	1.0782	1.4335	2.1095	0.6135	1.0423	1.3650	1.9740
10:01	0.6293	1.0834	1.4407	2.1212	0.6163	1.0473	1.3719	1.9849
10:02	0.6322	1.0885	1.4481	2.1329	0.6190	1.0523	1.3789	1.9958
10:03	0.6350	1.0938	1.4554	2.1447	0.6218	1.0574	1.3859	2.0069
10:04	0.6378	1.0990	1.4628	2.1566	0.6246	1.0626	1.3929	2.0180
10:05	0.6407	1.1043	1.4703	2.1685	0.6274	1.0677	1.4000	2.0292
10:06	0.6436	1.1096	1.4778	2.1805	0.6302	1.0729	1.4071	2.0404
10:07	0.6465	1.1149	1.4853	2.1926	0.6330	1.0781	1.4143	2.0517
10:08	0.6494	1.1203	1.4929	2.2048	0.6359	1.0834	1.4215	2.0631
10:09	0.6523	1.1257	1.5005	2.2170	0.6388	1.0887	1.4288	2.0745
10:10	0.6553	1.1312	1.5082	2.2293	0.6417	1.0940	1.4361	2.0860
10:11	0.6583	1.1367	1.5159	2.2416	0.6446	1.0994	1.4435	2.0976

10:12	0.6613	1.1422	1.5237	2.2541	0.6475	1.1048	1.4509	2.1092
10:13	0.6643	1.1478	1.5315	2.2666	0.6505	1.1102	1.4584	2.1210
10:14	0.6673	1.1534	1.5394	2.2792	0.6535	1.1157	1.4659	2.1328
10:15	0.6704	1.1590	1.5474	2.2919	0.6565	1.1212	1.4734	2.1446
10:16	0.6735	1.1647	1.5554	2.3047	0.6595	1.1268	1.4810	2.1566
10:17	0.6766	1.1704	1.5634	2.3175	0.6625	1.1324	1.4887	2.1686
10:18	0.6797	1.1762	1.5715	2.3305	0.6656	1.1380	1.4964	2.1807
10:19	0.6829	1.1820	1.5797	2.3435	0.6687	1.1437	1.5042	2.1929
10:20	0.6861	1.1878	1.5879	2.3566	0.6718	1.1494	1.5120	2.2052
10:21	0.6893	1.1937	1.5962	2.3698	0.6750	1.1551	1.5199	2.2176
10:22	0.6925	1.1997	1.6045	2.3831	0.6781	1.1609	1.5278	2.2300
10:23	0.6958	1.2057	1.6129	2.3965	0.6813	1.1668	1.5358	2.2426
10:24	0.6991	1.2117	1.6214	2.4100	0.6845	1.1727	1.5439	2.2552
10:25	0.7024	1.2178	1.6299	2.4235	0.6878	1.1786	1.5520	2.2679
10:26	0.7057	1.2239	1.6385	2.4372	0.6910	1.1846	1.5602	2.2807
10:27	0.7091	1.2300	1.6471	2.4509	0.6943	1.1906	1.5684	2.2936
10:28	0.7125	1.2363	1.6558	2.4648	0.6977	1.1967	1.5768	2.3066
10:29	0.7159	1.2425	1.6646	2.4788	0.7010	1.2028	1.5851	2.3197
10:30	0.7193	1.2489	1.6735	2.4928	0.7044	1.2089	1.5936	2.3329
10:31	0.7234	1.2565	1.6844	2.5114	0.7081	1.2164	1.6042	2.3502
10:32	0.7275	1.2641	1.6953	2.5300	0.7119	1.2239	1.6149	2.3676
10:33	0.7316	1.2718	1.7064	2.5488	0.7158	1.2315	1.6256	2.3851

10:34	0.7358	1.2796	1.7175	2.5677	0.7196	1.2391	1.6365	2.4027
10:35	0.7400	1.2875	1.7288	2.5867	0.7235	1.2468	1.6474	2.4205
10:36	0.7442	1.2954	1.7401	2.6059	0.7274	1.2546	1.6584	2.4383
10:37	0.7485	1.3033	1.7515	2.6251	0.7314	1.2624	1.6695	2.4563
10:38	0.7528	1.3114	1.7630	2.6445	0.7354	1.2703	1.6807	2.4745
10:39	0.7571	1.3195	1.7746	2.6641	0.7394	1.2783	1.6919	2.4927
10:40	0.7615	1.3277	1.7862	2.6838	0.7435	1.2863	1.7033	2.5111
10:41	0.7659	1.3359	1.7980	2.7036	0.7476	1.2944	1.7147	2.5296
10:42	0.7704	1.3442	1.8099	2.7236	0.7517	1.3025	1.7263	2.5483
10:43	0.7749	1.3526	1.8218	2.7437	0.7559	1.3108	1.7379	2.5671
10:44	0.7795	1.3611	1.8339	2.7640	0.7601	1.3191	1.7497	2.5861
10:45	0.7841	1.3696	1.8460	2.7844	0.7644	1.3274	1.7615	2.6052
10:46	0.7887	1.3782	1.8583	2.8050	0.7687	1.3359	1.7734	2.6244
10:47	0.7934	1.3869	1.8707	2.8257	0.7730	1.3444	1.7855	2.6438
10:48	0.7981	1.3957	1.8832	2.8466	0.7774	1.3530	1.7976	2.6634
10:49	0.8029	1.4046	1.8958	2.8677	0.7819	1.3617	1.8099	2.6831
10:50	0.8077	1.4135	1.9085	2.8889	0.7863	1.3705	1.8223	2.7030
10:51	0.8126	1.4226	1.9213	2.9103	0.7909	1.3794	1.8347	2.7230
10:52	0.8175	1.4317	1.9343	2.9319	0.7955	1.3883	1.8473	2.7433
10:53	0.8225	1.4409	1.9474	2.9537	0.8001	1.3974	1.8601	2.7637
10:54	0.8275	1.4502	1.9606	2.9757	0.8048	1.4065	1.8729	2.7842
10:55	0.8326	1.4596	1.9739	2.9978	0.8095	1.4157	1.8859	2.8050

~~10:56~~	~~0.8378~~	~~1.4691~~	~~1.9874~~	~~3.0202~~	~~0.8143~~	~~1.4250~~	~~1.8990~~	~~2.8259~~
10:57	0.8430	1.4787	2.0010	3.0427	0.8192	1.4345	1.9122	~~2.8471~~
10:58	0.8483	1.4885	2.0147	3.0655	0.8241	1.4440	1.9256	~~2.8684~~
10:59	0.8536	1.4983	2.0286	3.0884	0.8290	1.4536	1.9391	~~2.8900~~
11:00	0.8590	1.5082	2.0426	3.1116	0.8341	1.4634	1.9527	~~2.9117~~
11:01	0.8651	1.5195	2.0585	3.1369	0.8401	1.4744	1.9679	~~2.9355~~
11:02	0.8714	1.5309	2.0745	3.1625	0.8461	1.4855	1.9831	~~2.9596~~
11:03	0.8777	1.5424	2.0906	3.1883	0.8523	1.4968	1.9986	~~2.9838~~
11:04	0.8840	1.5541	2.1070	3.2144	0.8585	1.5081	2.0142	~~3.0083~~
11:05	0.8905	1.5659	2.1235	3.2407	0.8648	1.5197	2.0299	~~3.0331~~
11:06	0.8970	1.5778	2.1402	3.2673	0.8712	1.5313	2.0459	~~3.0580~~
11:07	0.9037	1.5899	2.1571	3.2941	0.8777	1.5431	2.0620	~~3.0833~~
11:08	0.9104	1.6021	2.1742	3.3212	0.8843	1.5550	2.0783	~~3.1088~~
11:09	0.9172	1.6145	2.1914	3.3486	0.8909	1.5671	2.0948	~~3.1346~~
11:10	0.9241	1.6271	2.2089	3.3763	0.8977	1.5794	2.1115	~~3.1607~~
11:11	0.9311	1.6398	2.2266	3.4042	0.9045	1.5918	2.1284	~~3.1870~~
11:12	0.9381	1.6526	2.2446	3.4325	0.9114	1.6043	2.1456	~~3.2137~~
11:13	0.9453	1.6657	2.2627	3.4611	0.9184	1.6170	2.1629	~~3.2406~~
11:14	0.9526	1.6789	2.2811	3.4900	0.9256	1.6299	2.1805	~~3.2679~~
11:15	0.9600	1.6923	2.2997	3.5193	0.9328	1.6430	2.1983	~~3.2955~~
11:16	0.9676	1.7059	2.3186	3.5489	0.9402	1.6563	2.2163	~~3.3235~~
11:17	0.9752	1.7197	2.3377	3.5789	0.9477	1.6698	2.2346	~~3.3518~~

11:18	0.9830	1.7337	2.3571	3.6092	0.9553	1.6834	2.2532	3.3804
11:19	0.9909	1.7479	2.3768	3.6400	0.9630	1.6973	2.2720	3.4095
11:20	0.9989	1.7624	2.3968	3.6711	0.9708	1.7114	2.2911	3.4389
11:21	1.0071	1.7771	2.4170	3.7027	0.9788	1.7257	2.3105	3.4688
11:22	1.0154	1.7920	2.4376	3.7347	0.9870	1.7403	2.3302	3.4991
11:23	1.0238	1.8072	2.4585	3.7671	0.9953	1.7551	2.3503	3.5298
11:24	1.0325	1.8226	2.4798	3.8000	1.0037	1.7702	2.3706	3.5610
11:25	1.0413	1.8383	2.5014	3.8334	1.0123	1.7855	2.3913	3.5926
11:26	1.0502	1.8544	2.5234	3.8674	1.0211	1.8012	2.4124	3.6248
11:27	1.0594	1.8707	2.5458	3.9018	1.0301	1.8171	2.4339	3.6575
11:28	1.0687	1.8873	2.5686	3.9369	1.0392	1.8333	2.4557	3.6907
11:29	1.0783	1.9043	2.5918	3.9725	1.0486	1.8499	2.4780	3.7245
11:30	1.0881	1.9216	2.6155	4.0087	1.0581	1.8668	2.5007	3.7589
11:31	1.1007	1.9412	2.6394	4.0401	1.0706	1.8856	2.5241	3.7897
11:32	1.1136	1.9612	2.6639	4.0722	1.0834	1.9049	2.5479	3.8212
11:33	1.1268	1.9816	2.6888	4.1049	1.0964	1.9245	2.5723	3.8534
11:34	1.1403	2.0024	2.7143	4.1384	1.1098	1.9446	2.5972	3.8862
11:35	1.1541	2.0238	2.7405	4.1727	1.1234	1.9652	2.6227	3.9199
11:36	1.1682	2.0456	2.7672	4.2078	1.1374	1.9863	2.6488	3.9544
11:37	1.1828	2.0681	2.7946	4.2438	1.1518	2.0079	2.6756	3.9897
11:38	1.1977	2.0911	2.8228	4.2808	1.1665	2.0301	2.7031	4.0260
11:39	1.2130	2.1148	2.8518	4.3187	1.1817	2.0529	2.7314	4.0633

11:40	1.2288	2.1391	2.8816	4.3578	1.1973	2.0764	2.7605	4.1017
11:41	1.2450	2.1642	2.9123	4.3981	1.2133	2.1006	2.7905	4.1412
11:42	1.2618	2.1901	2.9439	4.4396	1.2299	2.1256	2.8214	4.1820
11:43	1.2792	2.2169	2.9767	4.4826	1.2471	2.1514	2.8534	4.2242
11:44	1.2972	2.2447	3.0107	4.5271	1.2649	2.1782	2.8866	4.2680
11:45	1.3159	2.2735	3.0459	4.5733	1.2834	2.2061	2.9210	4.3133
11:46	1.3412	2.3127	3.0939	4.6363	1.3084	2.2438	2.9678	4.3752
11:47	1.3674	2.3533	3.1435	4.7015	1.3344	2.2828	3.0163	4.4392
11:48	1.3947	2.3955	3.1950	4.7691	1.3613	2.3234	3.0666	4.5056
11:49	1.4230	2.4393	3.2486	4.8395	1.3893	2.3656	3.1189	4.5746
11:50	1.4527	2.4851	3.3046	4.9129	1.4186	2.4098	3.1736	4.6468
11:51	1.4838	2.5331	3.3634	4.9899	1.4494	2.4561	3.2309	4.7224
11:52	1.5166	2.5837	3.4253	5.0711	1.4819	2.5050	3.2914	4.8021
11:53	1.5515	2.6374	3.4910	5.1571	1.5164	2.5569	3.3556	4.8867
11:54	1.5934	2.7006	3.5684	5.2566	1.5583	2.6193	3.4314	4.9854
11:55	1.6383	2.7684	3.6514	5.3633	1.6032	2.6862	3.5127	5.0913
11:56	1.6956	2.8549	3.7574	5.4994	1.6607	2.7718	3.6166	5.2264
11:57	1.7576	2.9486	3.8721	5.6468	1.7227	2.8643	3.7290	5.3727
11:58	1.8264	3.0524	3.9993	5.8107	1.7913	2.9666	3.8535	5.5350
11:59	1.9324	3.2124	4.1953	6.0667	1.8953	3.1226	4.0455	5.7870
12:00	2.0384	3.3724	4.3913	6.3227	1.9993	3.2786	4.2375	6.0390
12:01	2.1444	3.5324	4.5873	6.5787	2.1033	3.4346	4.4295	6.2910

12:02	2.2504	3.6924	4.7833	6.8347	2.2073	3.5906	4.6215	6.5430
12:03	2.3564	3.8524	4.9793	7.0907	2.3113	3.7466	4.8135	6.7950
12:04	2.4215	3.9505	5.0995	7.2454	2.3763	3.8435	4.9313	6.9485
12:05	2.4810	4.0404	5.2096	7.3867	2.4359	3.9323	5.0391	7.0888
12:06	2.5277	4.1108	5.2959	7.4978	2.4825	4.0018	5.1237	7.1990
12:07	2.5709	4.1762	5.3760	7.6007	2.5258	4.0664	5.2021	7.3010
12:08	2.6115	4.2374	5.4510	7.6971	2.5664	4.1269	5.2756	7.3967
12:09	2.6453	4.2895	5.5147	7.7806	2.5999	4.1772	5.3379	7.4787
12:10	2.6773	4.3388	5.5750	7.8596	2.6315	4.2248	5.3967	7.5563
12:11	2.7076	4.3857	5.6323	7.9348	2.6615	4.2700	5.4527	7.6302
12:12	2.7366	4.4304	5.6871	8.0066	2.6902	4.3131	5.5062	7.7007
12:13	2.7644	4.4734	5.7396	8.0756	2.7176	4.3545	5.5574	7.7684
12:14	2.7911	4.5147	5.7901	8.1419	2.7440	4.3943	5.6068	7.8336
12:15	2.8169	4.5546	5.8389	8.2060	2.7695	4.4327	5.6544	7.8964
12:16	2.8359	4.5840	5.8749	8.2531	2.7884	4.4610	5.6895	7.9427
12:17	2.8543	4.6123	5.9094	8.2985	2.8065	4.4883	5.7233	7.9873
12:18	2.8719	4.6395	5.9428	8.3422	2.8240	4.5146	5.7559	8.0302
12:19	2.8890	4.6659	5.9750	8.3844	2.8409	4.5400	5.7873	8.0717
12:20	2.9055	4.6914	6.0062	8.4253	2.8572	4.5646	5.8178	8.1119
12:21	2.9215	4.7161	6.0364	8.4650	2.8730	4.5885	5.8473	8.1508
12:22	2.9371	4.7401	6.0658	8.5035	2.8884	4.6116	5.8760	8.1886
12:23	2.9522	4.7635	6.0944	8.5409	2.9034	4.6341	5.9039	8.2254

12:24	2.9669	4.7862	6.1221	8.5774	2.9179	4.6560	5.9310	8.2612
12:25	2.9812	4.8083	6.1492	8.6129	2.9321	4.6774	5.9574	8.2961
12:26	2.9952	4.8299	6.1757	8.6476	2.9459	4.6982	5.9832	8.3302
12:27	3.0089	4.8511	6.2015	8.6815	2.9594	4.7185	6.0084	8.3635
12:28	3.0222	4.8717	6.2267	8.7146	2.9726	4.7384	6.0331	8.3960
12:29	3.0353	4.8919	6.2514	8.7470	2.9855	4.7578	6.0572	8.4278
12:30	3.0480	4.9116	6.2755	8.7788	2.9981	4.7768	6.0808	8.4589
12:31	3.0579	4.9291	6.2995	8.8153	3.0078	4.7939	6.1037	8.4936
12:32	3.0676	4.9463	6.3229	8.8512	3.0172	4.8107	6.1262	8.5278
12:33	3.0770	4.9631	6.3460	8.8866	3.0265	4.8271	6.1483	8.5613
12:34	3.0863	4.9796	6.3685	8.9213	3.0356	4.8431	6.1699	8.5942
12:35	3.0953	4.9958	6.3907	8.9555	3.0444	4.8589	6.1912	8.6267
12:36	3.1042	5.0116	6.4125	8.9892	3.0531	4.8744	6.2121	8.6586
12:37	3.1129	5.0272	6.4340	9.0223	3.0616	4.8896	6.2326	8.6900
12:38	3.1215	5.0425	6.4551	9.0550	3.0700	4.9045	6.2528	8.7209
12:39	3.1299	5.0576	6.4758	9.0872	3.0782	4.9192	6.2727	8.7514
12:40	3.1381	5.0724	6.4963	9.1190	3.0863	4.9337	6.2922	8.7815
12:41	3.1462	5.0869	6.5164	9.1504	3.0942	4.9479	6.3115	8.8111
12:42	3.1542	5.1013	6.5362	9.1813	3.1020	4.9619	6.3305	8.8403
12:43	3.1620	5.1154	6.5558	9.2118	3.1096	4.9756	6.3491	8.8692
12:44	3.1697	5.1293	6.5750	9.2420	3.1172	4.9892	6.3676	8.8977
12:45	3.1773	5.1430	6.5940	9.2718	3.1246	5.0026	6.3857	8.9258

12:46	3.1847	5.1565	6.6128	9.3012	3.1319	5.0158	6.4037	8.9536
12:47	3.1921	5.1698	6.6313	9.3303	3.1391	5.0288	6.4214	8.9810
12:48	3.1993	5.1829	6.6495	9.3591	3.1462	5.0416	6.4388	9.0082
12:49	3.2065	5.1959	6.6676	9.3875	3.1532	5.0542	6.4560	9.0350
12:50	3.2135	5.2086	6.6854	9.4156	3.1600	5.0667	6.4731	9.0615
12:51	3.2204	5.2213	6.7030	9.4435	3.1668	5.0790	6.4899	9.0877
12:52	3.2273	5.2337	6.7203	9.4710	3.1735	5.0912	6.5065	9.1136
12:53	3.2340	5.2460	6.7375	9.4982	3.1801	5.1032	6.5229	9.1393
12:54	3.2407	5.2582	6.7545	9.5252	3.1866	5.1150	6.5391	9.1646
12:55	3.2473	5.2702	6.7713	9.5519	3.1931	5.1268	6.5551	9.1898
12:56	3.2538	5.2821	6.7879	9.5783	3.1994	5.1383	6.5710	9.2146
12:57	3.2602	5.2938	6.8043	9.6045	3.2057	5.1498	6.5867	9.2392
12:58	3.2665	5.3054	6.8206	9.6305	3.2119	5.1611	6.6022	9.2636
12:59	3.2728	5.3169	6.8367	9.6562	3.2180	5.1723	6.6176	9.2878
13:00	3.2790	5.3282	6.8526	9.6816	3.2240	5.1834	6.6327	9.3117
13:01	3.2844	5.3382	6.8667	9.7049	3.2291	5.1932	6.6465	9.3336
13:02	3.2898	5.3481	6.8807	9.7280	3.2341	5.2029	6.6601	9.3552
13:03	3.2951	5.3578	6.8945	9.7508	3.2390	5.2124	6.6735	9.3766
13:04	3.3003	5.3675	6.9082	9.7735	3.2439	5.2219	6.6868	9.3979
13:05	3.3055	5.3771	6.9217	9.7959	3.2487	5.2313	6.7000	9.4189
13:06	3.3106	5.3865	6.9351	9.8182	3.2535	5.2406	6.7130	9.4398
13:07	3.3157	5.3959	6.9484	9.8402	3.2582	5.2497	6.7259	9.4604

13:08	3.3207	5.4051	6.9615	9.8621	3.2629	5.2588	6.7387	9.4809
13:09	3.3257	5.4143	6.9745	9.8838	3.2675	5.2678	6.7514	9.5012
13:10	3.3306	5.4234	6.9874	9.9053	3.2721	5.2767	6.7639	9.5214
13:11	3.3354	5.4324	7.0002	9.9266	3.2766	5.2856	6.7763	9.5414
13:12	3.3402	5.4413	7.0128	9.9478	3.2810	5.2943	6.7886	9.5612
13:13	3.3450	5.4501	7.0254	9.9688	3.2854	5.3029	6.8009	9.5808
13:14	3.3497	5.4589	7.0378	9.9896	3.2898	5.3115	6.8130	9.6003
13:15	3.3543	5.4675	7.0501	10.0102	3.2941	5.3200	6.8249	9.6196
13:16	3.3589	5.4761	7.0624	10.0307	3.2984	5.3284	6.8368	9.6388
13:17	3.3635	5.4846	7.0745	10.0511	3.3027	5.3368	6.8486	9.6578
13:18	3.3680	5.4930	7.0865	10.0713	3.3069	5.3450	6.8603	9.6767
13:19	3.3725	5.5014	7.0984	10.0913	3.3110	5.3532	6.8719	9.6954
13:20	3.3770	5.5097	7.1102	10.1112	3.3151	5.3613	6.8834	9.7140
13:21	3.3814	5.5179	7.1219	10.1310	3.3192	5.3694	6.8948	9.7325
13:22	3.3857	5.5260	7.1336	10.1506	3.3233	5.3774	6.9061	9.7508
13:23	3.3901	5.5341	7.1451	10.1701	3.3273	5.3853	6.9173	9.7690
13:24	3.3944	5.5421	7.1565	10.1895	3.3313	5.3931	6.9285	9.7871
13:25	3.3986	5.5500	7.1679	10.2087	3.3352	5.4009	6.9395	9.8050
13:26	3.4028	5.5579	7.1792	10.2278	3.3391	5.4087	6.9505	9.8228
13:27	3.4070	5.5657	7.1904	10.2467	3.3430	5.4163	6.9614	9.8405
13:28	3.4111	5.5735	7.2015	10.2656	3.3468	5.4239	6.9722	9.8581
13:29	3.4152	5.5812	7.2125	10.2843	3.3506	5.4315	6.9829	9.8755

13:30	3.4193	5.5888	7.2234	10.3029	3.3544	5.4390	6.9935	9.8929
13:31	3.4228	5.5951	7.2323	10.3170	3.3578	5.4452	7.0020	9.9061
13:32	3.4262	5.6014	7.2411	10.3310	3.3611	5.4513	7.0104	9.9193
13:33	3.4296	5.6077	7.2499	10.3449	3.3645	5.4574	7.0188	9.9323
13:34	3.4330	5.6138	7.2586	10.3587	3.3678	5.4635	7.0270	9.9452
13:35	3.4364	5.6200	7.2672	10.3724	3.3711	5.4695	7.0352	9.9581
13:36	3.4397	5.6261	7.2757	10.3860	3.3743	5.4754	7.0434	9.9709
13:37	3.4430	5.6321	7.2842	10.3995	3.3775	5.4813	7.0515	9.9835
13:38	3.4463	5.6381	7.2926	10.4130	3.3807	5.4872	7.0595	9.9961
13:39	3.4495	5.6441	7.3010	10.4263	3.3839	5.4930	7.0675	10.0086
13:40	3.4527	5.6500	7.3093	10.4395	3.3871	5.4988	7.0754	10.0210
13:41	3.4559	5.6559	7.3176	10.4527	3.3902	5.5045	7.0832	10.0333
13:42	3.4591	5.6617	7.3258	10.4657	3.3933	5.5102	7.0910	10.0456
13:43	3.4623	5.6675	7.3339	10.4787	3.3964	5.5159	7.0988	10.0577
13:44	3.4654	5.6732	7.3420	10.4916	3.3994	5.5215	7.1065	10.0698
13:45	3.4685	5.6789	7.3500	10.5044	3.4025	5.5271	7.1141	10.0818
13:46	3.4716	5.6846	7.3580	10.5172	3.4055	5.5326	7.1217	10.0937
13:47	3.4746	5.6902	7.3659	10.5298	3.4085	5.5381	7.1293	10.1055
13:48	3.4777	5.6958	7.3737	10.5424	3.4115	5.5435	7.1367	10.1173
13:49	3.4807	5.7014	7.3815	10.5549	3.4144	5.5490	7.1442	10.1290
13:50	3.4837	5.7069	7.3893	10.5673	3.4173	5.5543	7.1516	10.1406
13:51	3.4866	5.7123	7.3970	10.5796	3.4202	5.5597	7.1589	10.1522

13:52	3.4896	5.7178	7.4047	10.5919	3.4231	5.5650	7.1662	10.1636
13:53	3.4925	5.7232	7.4123	10.6041	3.4260	5.5703	7.1734	10.1750
13:54	3.4954	5.7285	7.4198	10.6162	3.4289	5.5755	7.1806	10.1864
13:55	3.4983	5.7339	7.4274	10.6282	3.4317	5.5807	7.1878	10.1976
13:56	3.5012	5.7392	7.4348	10.6402	3.4345	5.5859	7.1949	10.2088
13:57	3.5040	5.7444	7.4422	10.6521	3.4373	5.5910	7.2020	10.2200
13:58	3.5069	5.7497	7.4496	10.6639	3.4401	5.5962	7.2090	10.2310
13:59	3.5097	5.7549	7.4570	10.6757	3.4428	5.6012	7.2160	10.2420
14:00	3.5125	5.7600	7.4642	10.6874	3.4456	5.6063	7.2229	10.2530
14:01	3.5153	5.7652	7.4715	10.6990	3.4483	5.6113	7.2298	10.2638
14:02	3.5180	5.7703	7.4787	10.7106	3.4510	5.6163	7.2367	10.2747
14:03	3.5208	5.7753	7.4859	10.7221	3.4537	5.6213	7.2435	10.2854
14:04	3.5235	5.7804	7.4930	10.7335	3.4563	5.6262	7.2502	10.2961
14:05	3.5262	5.7854	7.5001	10.7449	3.4590	5.6311	7.2570	10.3068
14:06	3.5289	5.7904	7.5071	10.7562	3.4616	5.6360	7.2637	10.3173
14:07	3.5316	5.7953	7.5141	10.7675	3.4642	5.6408	7.2703	10.3279
14:08	3.5342	5.8002	7.5211	10.7787	3.4668	5.6456	7.2770	10.3383
14:09	3.5369	5.8051	7.5280	10.7898	3.4694	5.6504	7.2835	10.3487
14:10	3.5395	5.8100	7.5349	10.8009	3.4720	5.6551	7.2901	10.3591
14:11	3.5421	5.8148	7.5417	10.8119	3.4746	5.6599	7.2966	10.3694
14:12	3.5447	5.8197	7.5485	10.8229	3.4771	5.6646	7.3031	10.3796
14:13	3.5473	5.8244	7.5553	10.8338	3.4796	5.6693	7.3095	10.3898

14:14	3.5499	5.8292	7.5620	10.8447	3.4821	5.6739	7.3159	10.4000
14:15	3.5524	5.8339	7.5687	10.8555	3.4846	5.6785	7.3223	10.4101
14:16	3.5550	5.8386	7.5754	10.8662	3.4871	5.6831	7.3286	10.4201
14:17	3.5575	5.8433	7.5820	10.8769	3.4896	5.6877	7.3349	10.4301
14:18	3.5600	5.8480	7.5886	10.8876	3.4921	5.6923	7.3412	10.4400
14:19	3.5625	5.8526	7.5952	10.8982	3.4945	5.6968	7.3474	10.4499
14:20	3.5650	5.8572	7.6017	10.9087	3.4969	5.7013	7.3537	10.4598
14:21	3.5674	5.8618	7.6082	10.9192	3.4994	5.7058	7.3598	10.4696
14:22	3.5699	5.8664	7.6147	10.9296	3.5018	5.7102	7.3660	10.4793
14:23	3.5723	5.8709	7.6211	10.9400	3.5041	5.7147	7.3721	10.4890
14:24	3.5748	5.8754	7.6275	10.9504	3.5065	5.7191	7.3782	10.4986
14:25	3.5772	5.8799	7.6339	10.9606	3.5089	5.7235	7.3842	10.5083
14:26	3.5796	5.8844	7.6402	10.9709	3.5112	5.7278	7.3902	10.5178
14:27	3.5820	5.8888	7.6465	10.9811	3.5136	5.7322	7.3962	10.5273
14:28	3.5844	5.8932	7.6528	10.9912	3.5159	5.7365	7.4022	10.5368
14:29	3.5867	5.8976	7.6590	11.0013	3.5182	5.7408	7.4081	10.5462
14:30	3.5891	5.9020	7.6652	11.0114	3.5205	5.7451	7.4140	10.5556
14:31	3.5914	5.9064	7.6714	11.0214	3.5228	5.7493	7.4199	10.5650
14:32	3.5938	5.9107	7.6776	11.0314	3.5251	5.7536	7.4258	10.5743
14:33	3.5961	5.9150	7.6837	11.0413	3.5274	5.7578	7.4316	10.5835
14:34	3.5984	5.9193	7.6898	11.0512	3.5296	5.7620	7.4374	10.5927
14:35	3.6007	5.9236	7.6959	11.0610	3.5319	5.7662	7.4431	10.6019

14:36	3.6030	5.9278	7.7019	11.0708	3.5341	5.7703	7.4489	10.6110
14:37	3.6052	5.9321	7.7079	11.0806	3.5363	5.7745	7.4546	10.6201
14:38	3.6075	5.9363	7.7139	11.0903	3.5386	5.7786	7.4603	10.6292
14:39	3.6097	5.9405	7.7199	11.0999	3.5408	5.7827	7.4659	10.6382
14:40	3.6120	5.9446	7.7258	11.1096	3.5429	5.7868	7.4716	10.6472
14:41	3.6142	5.9488	7.7317	11.1192	3.5451	5.7908	7.4772	10.6561
14:42	3.6164	5.9529	7.7376	11.1287	3.5473	5.7949	7.4828	10.6650
14:43	3.6186	5.9571	7.7435	11.1382	3.5495	5.7989	7.4883	10.6739
14:44	3.6208	5.9612	7.7493	11.1477	3.5516	5.8029	7.4939	10.6827
14:45	3.6230	5.9652	7.7551	11.1571	3.5537	5.8069	7.4994	10.6915
14:46	3.6252	5.9693	7.7609	11.1665	3.5559	5.8109	7.5049	10.7002
14:47	3.6274	5.9733	7.7666	11.1759	3.5580	5.8148	7.5103	10.7090
14:48	3.6295	5.9774	7.7724	11.1852	3.5601	5.8187	7.5158	10.7176
14:49	3.6317	5.9814	7.7781	11.1945	3.5622	5.8227	7.5212	10.7263
14:50	3.6338	5.9854	7.7838	11.2037	3.5643	5.8266	7.5266	10.7349
14:51	3.6360	5.9893	7.7894	11.2129	3.5664	5.8304	7.5320	10.7435
14:52	3.6381	5.9933	7.7951	11.2221	3.5684	5.8343	7.5373	10.7520
14:53	3.6402	5.9972	7.8007	11.2312	3.5705	5.8382	7.5427	10.7605
14:54	3.6423	6.0012	7.8063	11.2403	3.5726	5.8420	7.5480	10.7690
14:55	3.6444	6.0051	7.8118	11.2494	3.5746	5.8458	7.5533	10.7774
14:56	3.6465	6.0090	7.8174	11.2584	3.5766	5.8496	7.5585	10.7859
14:57	3.6485	6.0128	7.8229	11.2674	3.5787	5.8534	7.5638	10.7942

14:58	3.6506	6.0167	7.8284	11.2763	3.5807	5.8572	7.5690	10.8026
14:59	3.6526	6.0205	7.8339	11.2853	3.5827	5.8609	7.5742	10.8109
15:00	3.6547	6.0244	7.8393	11.2941	3.5847	5.8647	7.5794	10.8192
15:01	3.6564	6.0274	7.8433	11.3000	3.5864	5.8676	7.5832	10.8247
15:02	3.6582	6.0304	7.8473	11.3058	3.5881	5.8705	7.5870	10.8302
15:03	3.6599	6.0334	7.8512	11.3117	3.5898	5.8733	7.5908	10.8357
15:04	3.6617	6.0363	7.8551	11.3174	3.5915	5.8762	7.5946	10.8412
15:05	3.6634	6.0393	7.8590	11.3232	3.5932	5.8791	7.5983	10.8466
15:06	3.6651	6.0422	7.8629	11.3289	3.5949	5.8819	7.6021	10.8520
15:07	3.6668	6.0452	7.8668	11.3347	3.5966	5.8847	7.6058	10.8574
15:08	3.6685	6.0481	7.8707	11.3403	3.5982	5.8875	7.6095	10.8628
15:09	3.6702	6.0510	7.8745	11.3460	3.5999	5.8904	7.6132	10.8681
15:10	3.6719	6.0539	7.8783	11.3517	3.6015	5.8931	7.6169	10.8735
15:11	3.6736	6.0568	7.8822	11.3573	3.6032	5.8959	7.6206	10.8788
15:12	3.6752	6.0597	7.8860	11.3629	3.6048	5.8987	7.6243	10.8841
15:13	3.6769	6.0625	7.8897	11.3684	3.6065	5.9015	7.6279	10.8893
15:14	3.6786	6.0654	7.8935	11.3740	3.6081	5.9042	7.6315	10.8946
15:15	3.6802	6.0682	7.8972	11.3795	3.6097	5.9069	7.6351	10.8998
15:16	3.6819	6.0711	7.9010	11.3850	3.6113	5.9097	7.6387	10.9050
15:17	3.6835	6.0739	7.9047	11.3905	3.6129	5.9124	7.6423	10.9102
15:18	3.6851	6.0767	7.9084	11.3960	3.6145	5.9151	7.6459	10.9153
15:19	3.6868	6.0795	7.9121	11.4014	3.6161	5.9178	7.6494	10.9205

15:20	3.6884	6.0823	7.9158	11.4068	3.6177	5.9205	7.6530	10.9256
15:21	3.6900	6.0850	7.9194	11.4122	3.6193	5.9231	7.6565	10.9307
15:22	3.6916	6.0878	7.9231	11.4176	3.6208	5.9258	7.6600	10.9358
15:23	3.6932	6.0906	7.9267	11.4230	3.6224	5.9284	7.6635	10.9408
15:24	3.6948	6.0933	7.9303	11.4283	3.6240	5.9311	7.6670	10.9459
15:25	3.6964	6.0960	7.9339	11.4336	3.6255	5.9337	7.6705	10.9509
15:26	3.6980	6.0987	7.9375	11.4389	3.6271	5.9363	7.6739	10.9559
15:27	3.6995	6.1015	7.9411	11.4442	3.6286	5.9389	7.6774	10.9609
15:28	3.7011	6.1042	7.9446	11.4495	3.6301	5.9415	7.6808	10.9658
15:29	3.7027	6.1068	7.9482	11.4547	3.6317	5.9441	7.6842	10.9708
15:30	3.7042	6.1095	7.9517	11.4599	3.6332	5.9467	7.6876	10.9757
15:31	3.7058	6.1122	7.9553	11.4651	3.6347	5.9493	7.6910	10.9806
15:32	3.7073	6.1149	7.9588	11.4703	3.6362	5.9518	7.6944	10.9855
15:33	3.7089	6.1175	7.9623	11.4755	3.6377	5.9544	7.6977	10.9903
15:34	3.7104	6.1201	7.9657	11.4806	3.6392	5.9569	7.7011	10.9952
15:35	3.7119	6.1228	7.9692	11.4857	3.6407	5.9595	7.7044	11.0000
15:36	3.7135	6.1254	7.9727	11.4908	3.6422	5.9620	7.7078	11.0048
15:37	3.7150	6.1280	7.9761	11.4959	3.6437	5.9645	7.7111	11.0096
15:38	3.7165	6.1306	7.9796	11.5010	3.6452	5.9670	7.7144	11.0144
15:39	3.7180	6.1332	7.9830	11.5060	3.6466	5.9695	7.7177	11.0192
15:40	3.7195	6.1358	7.9864	11.5111	3.6481	5.9720	7.7210	11.0239
15:41	3.7210	6.1383	7.9898	11.5161	3.6496	5.9745	7.7242	11.0287

15:42	3.7225	6.1409	7.9932	11.5211	3.6510	5.9769	7.7275	11.0334
15:43	3.7240	6.1435	7.9965	11.5261	3.6525	5.9794	7.7307	11.0381
15:44	3.7254	6.1460	7.9999	11.5310	3.6539	5.9818	7.7340	11.0427
15:45	3.7269	6.1485	8.0032	11.5360	3.6554	5.9843	7.7372	11.0474
15:46	3.7284	6.1511	8.0066	11.5409	3.6568	5.9867	7.7404	11.0520
15:47	3.7298	6.1536	8.0099	11.5458	3.6582	5.9891	7.7436	11.0567
15:48	3.7313	6.1561	8.0132	11.5507	3.6597	5.9916	7.7468	11.0613
15:49	3.7327	6.1586	8.0165	11.5555	3.6611	5.9940	7.7500	11.0659
15:50	3.7342	6.1611	8.0198	11.5604	3.6625	5.9964	7.7531	11.0705
15:51	3.7356	6.1636	8.0231	11.5652	3.6639	5.9988	7.7563	11.0750
15:52	3.7371	6.1660	8.0264	11.5701	3.6653	6.0011	7.7595	11.0796
15:53	3.7385	6.1685	8.0296	11.5749	3.6667	6.0035	7.7626	11.0841
15:54	3.7399	6.1710	8.0329	11.5797	3.6681	6.0059	7.7657	11.0886
15:55	3.7414	6.1734	8.0361	11.5844	3.6695	6.0083	7.7688	11.0931
15:56	3.7428	6.1759	8.0393	11.5892	3.6709	6.0106	7.7719	11.0976
15:57	3.7442	6.1783	8.0425	11.5939	3.6723	6.0129	7.7750	11.1021
15:58	3.7456	6.1807	8.0457	11.5987	3.6737	6.0153	7.7781	11.1066
15:59	3.7470	6.1831	8.0489	11.6034	3.6750	6.0176	7.7812	11.1110
16:00	3.7484	6.1855	8.0521	11.6081	3.6764	6.0199	7.7842	11.1154
16:01	3.7498	6.1879	8.0553	11.6128	3.6778	6.0222	7.7873	11.1198
16:02	3.7512	6.1903	8.0584	11.6174	3.6791	6.0245	7.7903	11.1242
16:03	3.7526	6.1927	8.0616	11.6221	3.6805	6.0268	7.7933	11.1286

16:04	3.7539	6.1951	8.0647	11.6267	3.6818	6.0291	7.7964	11.1330
16:05	3.7553	6.1975	8.0678	11.6313	3.6832	6.0314	7.7994	11.1374
16:06	3.7567	6.1998	8.0710	11.6359	3.6845	6.0337	7.8024	11.1417
16:07	3.7581	6.2022	8.0741	11.6405	3.6859	6.0360	7.8054	11.1460
16:08	3.7594	6.2045	8.0772	11.6451	3.6872	6.0382	7.8083	11.1504
16:09	3.7608	6.2069	8.0803	11.6497	3.6885	6.0405	7.8113	11.1547
16:10	3.7621	6.2092	8.0833	11.6542	3.6899	6.0427	7.8143	11.1589
16:11	3.7635	6.2115	8.0864	11.6588	3.6912	6.0450	7.8172	11.1632
16:12	3.7648	6.2138	8.0895	11.6633	3.6925	6.0472	7.8202	11.1675
16:13	3.7662	6.2161	8.0925	11.6678	3.6938	6.0494	7.8231	11.1717
16:14	3.7675	6.2184	8.0956	11.6723	3.6951	6.0516	7.8261	11.1760
16:15	3.7688	6.2207	8.0986	11.6768	3.6964	6.0538	7.8290	11.1802
16:16	3.7702	6.2230	8.1016	11.6812	3.6977	6.0560	7.8319	11.1844
16:17	3.7715	6.2253	8.1046	11.6857	3.6990	6.0582	7.8348	11.1886
16:18	3.7728	6.2276	8.1076	11.6901	3.7003	6.0604	7.8377	11.1928
16:19	3.7741	6.2299	8.1106	11.6945	3.7016	6.0626	7.8406	11.1970
16:20	3.7754	6.2321	8.1136	11.6989	3.7029	6.0648	7.8434	11.2011
16:21	3.7767	6.2344	8.1166	11.7033	3.7042	6.0670	7.8463	11.2053
16:22	3.7780	6.2366	8.1196	11.7077	3.7054	6.0691	7.8492	11.2094
16:23	3.7793	6.2389	8.1225	11.7121	3.7067	6.0713	7.8520	11.2135
16:24	3.7806	6.2411	8.1255	11.7164	3.7080	6.0734	7.8549	11.2176
16:25	3.7819	6.2433	8.1284	11.7208	3.7092	6.0756	7.8577	11.2217

16:26	3.7832	6.2455	8.1313	11.7251	3.7105	6.0777	7.8605	11.2258
16:27	3.7845	6.2477	8.1343	11.7294	3.7118	6.0798	7.8633	11.2299
16:28	3.7858	6.2500	8.1372	11.7337	3.7130	6.0820	7.8661	11.2339
16:29	3.7871	6.2522	8.1401	11.7380	3.7143	6.0841	7.8689	11.2380
16:30	3.7883	6.2543	8.1430	11.7423	3.7155	6.0862	7.8717	11.2420
16:31	3.7896	6.2565	8.1459	11.7466	3.7167	6.0883	7.8745	11.2460
16:32	3.7909	6.2587	8.1488	11.7508	3.7180	6.0904	7.8773	11.2501
16:33	3.7921	6.2609	8.1516	11.7551	3.7192	6.0925	7.8800	11.2541
16:34	3.7934	6.2631	8.1545	11.7593	3.7204	6.0946	7.8828	11.2580
16:35	3.7946	6.2652	8.1574	11.7635	3.7217	6.0967	7.8855	11.2620
16:36	3.7959	6.2674	8.1602	11.7677	3.7229	6.0987	7.8883	11.2660
16:37	3.7971	6.2695	8.1630	11.7719	3.7241	6.1008	7.8910	11.2700
16:38	3.7984	6.2717	8.1659	11.7761	3.7253	6.1029	7.8937	11.2739
16:39	3.7996	6.2738	8.1687	11.7803	3.7265	6.1049	7.8965	11.2778
16:40	3.8008	6.2759	8.1715	11.7845	3.7278	6.1070	7.8992	11.2817
16:41	3.8021	6.2781	8.1743	11.7886	3.7290	6.1090	7.9019	11.2857
16:42	3.8033	6.2802	8.1771	11.7927	3.7302	6.1111	7.9046	11.2896
16:43	3.8045	6.2823	8.1799	11.7969	3.7314	6.1131	7.9073	11.2934
16:44	3.8058	6.2844	8.1827	11.8010	3.7326	6.1151	7.9099	11.2973
16:45	3.8070	6.2865	8.1855	11.8051	3.7338	6.1171	7.9126	11.3012
16:46	3.8082	6.2886	8.1882	11.8092	3.7349	6.1192	7.9153	11.3051
16:47	3.8094	6.2907	8.1910	11.8133	3.7361	6.1212	7.9179	11.3089

16:48	3.8106	6.2928	8.1938	11.8173	3.7373	6.1232	7.9206	11.3127
16:49	3.8118	6.2949	8.1965	11.8214	3.7385	6.1252	7.9232	11.3166
16:50	3.8130	6.2969	8.1992	11.8254	3.7397	6.1272	7.9259	11.3204
16:51	3.8142	6.2990	8.2020	11.8295	3.7408	6.1292	7.9285	11.3242
16:52	3.8154	6.3011	8.2047	11.8335	3.7420	6.1312	7.9311	11.3280
16:53	3.8166	6.3031	8.2074	11.8375	3.7432	6.1331	7.9337	11.3317
16:54	3.8178	6.3052	8.2101	11.8415	3.7443	6.1351	7.9363	11.3355
16:55	3.8190	6.3072	8.2128	11.8455	3.7455	6.1371	7.9389	11.3393
16:56	3.8201	6.3092	8.2155	11.8495	3.7467	6.1390	7.9415	11.3430
16:57	3.8213	6.3113	8.2182	11.8534	3.7478	6.1410	7.9441	11.3468
16:58	3.8225	6.3133	8.2209	11.8574	3.7490	6.1429	7.9467	11.3505
16:59	3.8237	6.3153	8.2236	11.8614	3.7501	6.1449	7.9493	11.3542
17:00	3.8248	6.3173	8.2262	11.8653	3.7513	6.1468	7.9518	11.3579
17:01	3.8260	6.3194	8.2289	11.8692	3.7524	6.1488	7.9544	11.3616
17:02	3.8272	6.3214	8.2315	11.8731	3.7535	6.1507	7.9570	11.3653
17:03	3.8283	6.3234	8.2342	11.8771	3.7547	6.1526	7.9595	11.3690
17:04	3.8295	6.3254	8.2368	11.8810	3.7558	6.1546	7.9620	11.3727
17:05	3.8306	6.3274	8.2395	11.8848	3.7569	6.1565	7.9646	11.3763
17:06	3.8318	6.3293	8.2421	11.8887	3.7581	6.1584	7.9671	11.3800
17:07	3.8329	6.3313	8.2447	11.8926	3.7592	6.1603	7.9696	11.3837
17:08	3.8341	6.3333	8.2473	11.8965	3.7603	6.1622	7.9721	11.3873
17:09	3.8352	6.3353	8.2499	11.9003	3.7614	6.1641	7.9746	11.3909

~~17:10~~	~~3.8364~~	~~6.3372~~	~~8.2525~~	~~11.9041~~	~~3.7625~~	~~6.1660~~	~~7.9771~~	~~11.3945~~
17:11	3.8375	6.3392	8.2551	11.9080	3.7636	6.1679	7.9796	~~11.3982~~
17:12	3.8386	6.3412	8.2577	11.9118	3.7648	6.1698	7.9821	~~11.4018~~
17:13	3.8398	6.3431	8.2603	11.9156	3.7659	6.1716	7.9846	~~11.4053~~
17:14	3.8409	6.3451	8.2629	11.9194	3.7670	6.1735	7.9871	~~11.4089~~
17:15	3.8420	6.3470	8.2654	11.9232	3.7681	6.1754	7.9896	~~11.4125~~
17:16	3.8431	6.3489	8.2680	11.9270	3.7692	6.1772	7.9920	~~11.4161~~
17:17	3.8443	6.3509	8.2705	11.9307	3.7703	6.1791	7.9945	~~11.4196~~
17:18	3.8454	6.3528	8.2731	11.9345	3.7713	6.1809	7.9969	~~11.4232~~
17:19	3.8465	6.3547	8.2756	11.9383	3.7724	6.1828	7.9994	~~11.4267~~
17:20	3.8476	6.3566	8.2782	11.9420	3.7735	6.1846	8.0018	~~11.4302~~
17:21	3.8487	6.3586	8.2807	11.9457	3.7746	6.1865	8.0042	~~11.4338~~
17:22	3.8498	6.3605	8.2832	11.9495	3.7757	6.1883	8.0067	~~11.4373~~
17:23	3.8509	6.3624	8.2857	11.9532	3.7768	6.1902	8.0091	~~11.4408~~
17:24	3.8520	6.3643	8.2882	11.9569	3.7778	6.1920	8.0115	~~11.4443~~
17:25	3.8531	6.3662	8.2907	11.9606	3.7789	6.1938	8.0139	~~11.4477~~
17:26	3.8542	6.3680	8.2932	11.9643	3.7800	6.1956	8.0163	~~11.4512~~
17:27	3.8553	6.3699	8.2957	11.9680	3.7811	6.1974	8.0187	~~11.4547~~
17:28	3.8564	6.3718	8.2982	11.9716	3.7821	6.1992	8.0211	~~11.4582~~
17:29	3.8575	6.3737	8.3007	11.9753	3.7832	6.2010	8.0235	~~11.4616~~
17:30	3.8585	6.3756	8.3032	11.9790	3.7842	6.2028	8.0259	~~11.4650~~
17:31	3.8596	6.3774	8.3056	11.9826	3.7853	6.2046	8.0282	~~11.4685~~

17:32	3.8607	6.3793	8.3081	11.9863	3.7864	6.2064	8.0306	11.4719
17:33	3.8618	6.3811	8.3106	11.9899	3.7874	6.2082	8.0330	11.4753
17:34	3.8629	6.3830	8.3130	11.9935	3.7885	6.2100	8.0353	11.4787
17:35	3.8639	6.3848	8.3154	11.9971	3.7895	6.2118	8.0377	11.4821
17:36	3.8650	6.3867	8.3179	12.0007	3.7905	6.2136	8.0400	11.4855
17:37	3.8661	6.3885	8.3203	12.0043	3.7916	6.2153	8.0424	11.4889
17:38	3.8671	6.3904	8.3227	12.0079	3.7926	6.2171	8.0447	11.4923
17:39	3.8682	6.3922	8.3252	12.0115	3.7937	6.2189	8.0470	11.4957
17:40	3.8692	6.3940	8.3276	12.0151	3.7947	6.2206	8.0494	11.4990
17:41	3.8703	6.3958	8.3300	12.0186	3.7957	6.2224	8.0517	11.5024
17:42	3.8713	6.3977	8.3324	12.0222	3.7968	6.2241	8.0540	11.5058
17:43	3.8724	6.3995	8.3348	12.0257	3.7978	6.2259	8.0563	11.5091
17:44	3.8734	6.4013	8.3372	12.0293	3.7988	6.2276	8.0586	11.5124
17:45	3.8745	6.4031	8.3396	12.0328	3.7998	6.2293	8.0609	11.5158
17:46	3.8755	6.4049	8.3420	12.0363	3.8009	6.2311	8.0632	11.5191
17:47	3.8766	6.4067	8.3443	12.0398	3.8019	6.2328	8.0655	11.5224
17:48	3.8776	6.4085	8.3467	12.0433	3.8029	6.2345	8.0678	11.5257
17:49	3.8786	6.4103	8.3491	12.0468	3.8039	6.2363	8.0700	11.5290
17:50	3.8797	6.4121	8.3514	12.0503	3.8049	6.2380	8.0723	11.5323
17:51	3.8807	6.4138	8.3538	12.0538	3.8059	6.2397	8.0746	11.5356
17:52	3.8817	6.4156	8.3561	12.0573	3.8069	6.2414	8.0768	11.5388
17:53	3.8828	6.4174	8.3585	12.0607	3.8079	6.2431	8.0791	11.5421

17:54	3.8838	6.4192	8.3608	12.0642	3.8089	6.2448	8.0813	11.5454
17:55	3.8848	6.4209	8.3632	12.0677	3.8099	6.2465	8.0836	11.5486
17:56	3.8858	6.4227	8.3655	12.0711	3.8109	6.2482	8.0858	11.5518
17:57	3.8868	6.4245	8.3678	12.0745	3.8119	6.2499	8.0881	11.5551
17:58	3.8879	6.4262	8.3701	12.0780	3.8129	6.2516	8.0903	11.5583
17:59	3.8889	6.4280	8.3724	12.0814	3.8139	6.2533	8.0925	11.5615
18:00	3.8899	6.4297	8.3747	12.0848	3.8149	6.2549	8.0948	11.5648
18:01	3.8908	6.4312	8.3767	12.0875	3.8158	6.2564	8.0966	11.5673
18:02	3.8918	6.4328	8.3787	12.0902	3.8167	6.2579	8.0985	11.5698
18:03	3.8927	6.4343	8.3806	12.0929	3.8177	6.2594	8.1003	11.5723
18:04	3.8936	6.4358	8.3826	12.0956	3.8186	6.2608	8.1022	11.5748
18:05	3.8945	6.4374	8.3846	12.0982	3.8195	6.2623	8.1040	11.5773
18:06	3.8955	6.4389	8.3865	12.1009	3.8204	6.2638	8.1059	11.5797
18:07	3.8964	6.4404	8.3885	12.1036	3.8213	6.2652	8.1077	11.5822
18:08	3.8973	6.4419	8.3904	12.1062	3.8222	6.2667	8.1095	11.5847
18:09	3.8982	6.4434	8.3923	12.1089	3.8231	6.2682	8.1114	11.5872
18:10	3.8992	6.4450	8.3943	12.1115	3.8240	6.2696	8.1132	11.5896
18:11	3.9001	6.4465	8.3962	12.1141	3.8249	6.2711	8.1150	11.5921
18:12	3.9010	6.4480	8.3981	12.1168	3.8258	6.2725	8.1168	11.5945
18:13	3.9019	6.4495	8.4001	12.1194	3.8267	6.2740	8.1187	11.5970
18:14	3.9028	6.4510	8.4020	12.1220	3.8276	6.2754	8.1205	11.5994
18:15	3.9037	6.4525	8.4039	12.1246	3.8285	6.2768	8.1223	11.6019

~~18:16~~	~~3.9046~~	~~6.4539~~	~~8.4058~~	~~12.1272~~	~~3.8294~~	~~6.2783~~	~~8.1241~~	~~11.6043~~
18:17	3.9056	6.4554	8.4077	12.1298	3.8303	6.2797	8.1259	~~11.6067~~
18:18	3.9065	6.4569	8.4096	12.1324	3.8312	6.2811	8.1277	~~11.6091~~
18:19	3.9074	6.4584	8.4115	12.1350	3.8320	6.2826	8.1295	~~11.6115~~
18:20	3.9083	6.4599	8.4134	12.1376	3.8329	6.2840	8.1312	~~11.6139~~
18:21	3.9092	6.4613	8.4153	12.1402	3.8338	6.2854	8.1330	~~11.6163~~
18:22	3.9101	6.4628	8.4172	12.1428	3.8347	6.2868	8.1348	~~11.6187~~
18:23	3.9109	6.4643	8.4190	12.1453	3.8356	6.2882	8.1366	~~11.6211~~
18:24	3.9118	6.4657	8.4209	12.1479	3.8364	6.2896	8.1383	~~11.6235~~
18:25	3.9127	6.4672	8.4228	12.1504	3.8373	6.2911	8.1401	~~11.6259~~
18:26	3.9136	6.4687	8.4247	12.1530	3.8382	6.2925	8.1419	~~11.6283~~
18:27	3.9145	6.4701	8.4265	12.1555	3.8390	6.2939	8.1436	~~11.6307~~
18:28	3.9154	6.4716	8.4284	12.1581	3.8399	6.2953	8.1454	~~11.6330~~
18:29	3.9163	6.4730	8.4302	12.1606	3.8408	6.2967	8.1471	~~11.6354~~
18:30	3.9171	6.4745	8.4321	12.1632	3.8416	6.2980	8.1489	~~11.6377~~
18:31	3.9180	6.4759	8.4339	12.1657	3.8425	6.2994	8.1506	~~11.6401~~
18:32	3.9189	6.4773	8.4358	12.1682	3.8434	6.3008	8.1524	~~11.6424~~
18:33	3.9198	6.4788	8.4376	12.1707	3.8442	6.3022	8.1541	~~11.6448~~
18:34	3.9207	6.4802	8.4395	12.1732	3.8451	6.3036	8.1558	~~11.6471~~
18:35	3.9215	6.4816	8.4413	12.1757	3.8459	6.3050	8.1576	~~11.6495~~
18:36	3.9224	6.4831	8.4431	12.1782	3.8468	6.3063	8.1593	~~11.6518~~
18:37	3.9233	6.4845	8.4449	12.1807	3.8476	6.3077	8.1610	~~11.6541~~

18:38	3.9241	6.4859	8.4468	12.1832	3.8485	6.3091	8.1627	11.6564
18:39	3.9250	6.4873	8.4486	12.1857	3.8493	6.3105	8.1645	11.6587
18:40	3.9259	6.4888	8.4504	12.1882	3.8502	6.3118	8.1662	11.6610
18:41	3.9267	6.4902	8.4522	12.1906	3.8510	6.3132	8.1679	11.6633
18:42	3.9276	6.4916	8.4540	12.1931	3.8519	6.3145	8.1696	11.6656
18:43	3.9284	6.4930	8.4558	12.1956	3.8527	6.3159	8.1713	11.6679
18:44	3.9293	6.4944	8.4576	12.1980	3.8535	6.3172	8.1730	11.6702
18:45	3.9301	6.4958	8.4594	12.2005	3.8544	6.3186	8.1747	11.6725
18:46	3.9310	6.4972	8.4612	12.2029	3.8552	6.3199	8.1764	11.6748
18:47	3.9318	6.4986	8.4630	12.2054	3.8561	6.3213	8.1781	11.6771
18:48	3.9327	6.5000	8.4648	12.2078	3.8569	6.3226	8.1797	11.6793
18:49	3.9335	6.5014	8.4666	12.2102	3.8577	6.3240	8.1814	11.6816
18:50	3.9344	6.5028	8.4683	12.2127	3.8585	6.3253	8.1831	11.6838
18:51	3.9352	6.5041	8.4701	12.2151	3.8594	6.3266	8.1848	11.6861
18:52	3.9361	6.5055	8.4719	12.2175	3.8602	6.3280	8.1864	11.6883
18:53	3.9369	6.5069	8.4736	12.2199	3.8610	6.3293	8.1881	11.6906
18:54	3.9378	6.5083	8.4754	12.2223	3.8618	6.3306	8.1898	11.6928
18:55	3.9386	6.5096	8.4772	12.2247	3.8627	6.3320	8.1914	11.6951
18:56	3.9394	6.5110	8.4789	12.2271	3.8635	6.3333	8.1931	11.6973
18:57	3.9403	6.5124	8.4807	12.2295	3.8643	6.3346	8.1947	11.6995
18:58	3.9411	6.5138	8.4824	12.2319	3.8651	6.3359	8.1964	11.7018
18:59	3.9419	6.5151	8.4842	12.2343	3.8659	6.3372	8.1980	11.7040

19:00	3.9428	6.5165	8.4859	12.2367	3.8667	6.3385	8.1997	11.7062
19:01	3.9436	6.5178	8.4877	12.2390	3.8676	6.3398	8.2013	11.7084
19:02	3.9444	6.5192	8.4894	12.2414	3.8684	6.3412	8.2030	11.7106
19:03	3.9452	6.5205	8.4911	12.2438	3.8692	6.3425	8.2046	11.7128
19:04	3.9461	6.5219	8.4929	12.2461	3.8700	6.3438	8.2062	11.7150
19:05	3.9469	6.5232	8.4946	12.2485	3.8708	6.3451	8.2079	11.7172
19:06	3.9477	6.5246	8.4963	12.2508	3.8716	6.3464	8.2095	11.7194
19:07	3.9485	6.5259	8.4980	12.2532	3.8724	6.3476	8.2111	11.7216
19:08	3.9493	6.5273	8.4997	12.2555	3.8732	6.3489	8.2127	11.7237
19:09	3.9502	6.5286	8.5015	12.2579	3.8740	6.3502	8.2144	11.7259
19:10	3.9510	6.5299	8.5032	12.2602	3.8748	6.3515	8.2160	11.7281
19:11	3.9518	6.5313	8.5049	12.2625	3.8756	6.3528	8.2176	11.7303
19:12	3.9526	6.5326	8.5066	12.2648	3.8764	6.3541	8.2192	11.7324
19:13	3.9534	6.5339	8.5083	12.2672	3.8772	6.3554	8.2208	11.7346
19:14	3.9542	6.5352	8.5100	12.2695	3.8780	6.3566	8.2224	11.7367
19:15	3.9550	6.5366	8.5117	12.2718	3.8787	6.3579	8.2240	11.7389
19:16	3.9558	6.5379	8.5134	12.2741	3.8795	6.3592	8.2256	11.7410
19:17	3.9566	6.5392	8.5150	12.2764	3.8803	6.3604	8.2272	11.7432
19:18	3.9574	6.5405	8.5167	12.2787	3.8811	6.3617	8.2288	11.7453
19:19	3.9582	6.5418	8.5184	12.2810	3.8819	6.3630	8.2303	11.7474
19:20	3.9590	6.5431	8.5201	12.2833	3.8827	6.3642	8.2319	11.7496
19:21	3.9598	6.5444	8.5218	12.2855	3.8835	6.3655	8.2335	11.7517

19:22	3.9606	6.5457	8.5234	12.2878	3.8842	6.3668	8.2351	11.7538
19:23	3.9614	6.5470	8.5251	12.2901	3.8850	6.3680	8.2367	11.7559
19:24	3.9622	6.5483	8.5268	12.2924	3.8858	6.3693	8.2382	11.7581
19:25	3.9630	6.5496	8.5284	12.2946	3.8866	6.3705	8.2398	11.7602
19:26	3.9638	6.5509	8.5301	12.2969	3.8873	6.3718	8.2414	11.7623
19:27	3.9646	6.5522	8.5317	12.2992	3.8881	6.3730	8.2429	11.7644
19:28	3.9654	6.5535	8.5334	12.3014	3.8889	6.3743	8.2445	11.7665
19:29	3.9661	6.5548	8.5350	12.3037	3.8897	6.3755	8.2460	11.7686
19:30	3.9669	6.5561	8.5367	12.3059	3.8904	6.3767	8.2476	11.7707
19:31	3.9677	6.5574	8.5383	12.3082	3.8912	6.3780	8.2491	11.7727
19:32	3.9685	6.5587	8.5400	12.3104	3.8920	6.3792	8.2507	11.7748
19:33	3.9693	6.5599	8.5416	12.3126	3.8927	6.3804	8.2522	11.7769
19:34	3.9700	6.5612	8.5433	12.3149	3.8935	6.3817	8.2538	11.7790
19:35	3.9708	6.5625	8.5449	12.3171	3.8942	6.3829	8.2553	11.7811
19:36	3.9716	6.5638	8.5465	12.3193	3.8950	6.3841	8.2569	11.7831
19:37	3.9724	6.5650	8.5481	12.3215	3.8958	6.3853	8.2584	11.7852
19:38	3.9731	6.5663	8.5498	12.3237	3.8965	6.3866	8.2599	11.7872
19:39	3.9739	6.5676	8.5514	12.3259	3.8973	6.3878	8.2615	11.7893
19:40	3.9747	6.5688	8.5530	12.3282	3.8980	6.3890	8.2630	11.7914
19:41	3.9755	6.5701	8.5546	12.3304	3.8988	6.3902	8.2645	11.7934
19:42	3.9762	6.5714	8.5562	12.3326	3.8995	6.3914	8.2660	11.7955
19:43	3.9770	6.5726	8.5578	12.3347	3.9003	6.3926	8.2675	11.7975

19:44	3.9778	6.5739	8.5594	12.3369	3.9010	6.3938	8.2691	11.7995
19:45	3.9785	6.5751	8.5610	12.3391	3.9018	6.3951	8.2706	11.8016
19:46	3.9793	6.5764	8.5626	12.3413	3.9025	6.3963	8.2721	11.8036
19:47	3.9800	6.5776	8.5642	12.3435	3.9033	6.3975	8.2736	11.8056
19:48	3.9808	6.5789	8.5658	12.3457	3.9040	6.3987	8.2751	11.8076
19:49	3.9816	6.5801	8.5674	12.3478	3.9048	6.3999	8.2766	11.8097
19:50	3.9823	6.5813	8.5690	12.3500	3.9055	6.4011	8.2781	11.8117
19:51	3.9831	6.5826	8.5706	12.3522	3.9062	6.4022	8.2796	11.8137
19:52	3.9838	6.5838	8.5722	12.3543	3.9070	6.4034	8.2811	11.8157
19:53	3.9846	6.5851	8.5738	12.3565	3.9077	6.4046	8.2826	11.8177
19:54	3.9853	6.5863	8.5753	12.3586	3.9085	6.4058	8.2841	11.8197
19:55	3.9861	6.5875	8.5769	12.3608	3.9092	6.4070	8.2856	11.8217
19:56	3.9868	6.5887	8.5785	12.3629	3.9099	6.4082	8.2870	11.8237
19:57	3.9876	6.5900	8.5801	12.3651	3.9107	6.4094	8.2885	11.8257
19:58	3.9883	6.5912	8.5816	12.3672	3.9114	6.4105	8.2900	11.8277
19:59	3.9891	6.5924	8.5832	12.3693	3.9121	6.4117	8.2915	11.8297
20:00	3.9898	6.5936	8.5848	12.3715	3.9129	6.4129	8.2929	11.8316
20:01	3.9905	6.5949	8.5863	12.3736	3.9136	6.4141	8.2944	11.8336
20:02	3.9913	6.5961	8.5879	12.3757	3.9143	6.4152	8.2959	11.8356
20:03	3.9920	6.5973	8.5894	12.3778	3.9150	6.4164	8.2974	11.8376
20:04	3.9928	6.5985	8.5910	12.3799	3.9158	6.4176	8.2988	11.8395
20:05	3.9935	6.5997	8.5925	12.3820	3.9165	6.4188	8.3003	11.8415

20:06	3.9942	6.6009	8.5941	12.3842	3.9172	6.4199	8.3017	11.8435
20:07	3.9950	6.6021	8.5956	12.3863	3.9179	6.4211	8.3032	11.8454
20:08	3.9957	6.6033	8.5972	12.3884	3.9186	6.4222	8.3046	11.8474
20:09	3.9964	6.6045	8.5987	12.3905	3.9194	6.4234	8.3061	11.8493
20:10	3.9972	6.6057	8.6002	12.3925	3.9201	6.4246	8.3075	11.8513
20:11	3.9979	6.6069	8.6018	12.3946	3.9208	6.4257	8.3090	11.8532
20:12	3.9986	6.6081	8.6033	12.3967	3.9215	6.4269	8.3104	11.8551
20:13	3.9994	6.6093	8.6048	12.3988	3.9222	6.4280	8.3119	11.8571
20:14	4.0001	6.6105	8.6064	12.4009	3.9229	6.4292	8.3133	11.8590
20:15	4.0008	6.6117	8.6079	12.4030	3.9236	6.4303	8.3148	11.8609
20:16	4.0015	6.6129	8.6094	12.4050	3.9244	6.4314	8.3162	11.8629
20:17	4.0023	6.6141	8.6109	12.4071	3.9251	6.4326	8.3176	11.8648
20:18	4.0030	6.6153	8.6124	12.4092	3.9258	6.4337	8.3190	11.8667
20:19	4.0037	6.6164	8.6139	12.4112	3.9265	6.4349	8.3205	11.8686
20:20	4.0044	6.6176	8.6155	12.4133	3.9272	6.4360	8.3219	11.8705
20:21	4.0051	6.6188	8.6170	12.4153	3.9279	6.4371	8.3233	11.8725
20:22	4.0059	6.6200	8.6185	12.4174	3.9286	6.4383	8.3247	11.8744
20:23	4.0066	6.6211	8.6200	12.4194	3.9293	6.4394	8.3262	11.8763
20:24	4.0073	6.6223	8.6215	12.4215	3.9300	6.4405	8.3276	11.8782
20:25	4.0080	6.6235	8.6230	12.4235	3.9307	6.4417	8.3290	11.8801
20:26	4.0087	6.6247	8.6245	12.4256	3.9314	6.4428	8.3304	11.8820
20:27	4.0094	6.6258	8.6260	12.4276	3.9321	6.4439	8.3318	11.8839

20:28	4.0101	6.6270	8.6275	12.4296	3.9328	6.4450	8.3332	11.8857
20:29	4.0108	6.6281	8.6289	12.4316	3.9335	6.4461	8.3346	11.8876
20:30	4.0115	6.6293	8.6304	12.4337	3.9342	6.4473	8.3360	11.8895
20:31	4.0123	6.6305	8.6319	12.4357	3.9349	6.4484	8.3374	11.8914
20:32	4.0130	6.6316	8.6334	12.4377	3.9355	6.4495	8.3388	11.8933
20:33	4.0137	6.6328	8.6349	12.4397	3.9362	6.4506	8.3402	11.8951
20:34	4.0144	6.6339	8.6364	12.4417	3.9369	6.4517	8.3416	11.8970
20:35	4.0151	6.6351	8.6378	12.4437	3.9376	6.4528	8.3430	11.8989
20:36	4.0158	6.6362	8.6393	12.4457	3.9383	6.4539	8.3444	11.9007
20:37	4.0165	6.6374	8.6408	12.4477	3.9390	6.4550	8.3458	11.9026
20:38	4.0172	6.6385	8.6422	12.4497	3.9397	6.4561	8.3471	11.9045
20:39	4.0179	6.6397	8.6437	12.4517	3.9404	6.4572	8.3485	11.9063
20:40	4.0186	6.6408	8.6452	12.4537	3.9410	6.4583	8.3499	11.9082
20:41	4.0193	6.6420	8.6466	12.4557	3.9417	6.4594	8.3513	11.9100
20:42	4.0200	6.6431	8.6481	12.4577	3.9424	6.4605	8.3527	11.9119
20:43	4.0206	6.6442	8.6495	12.4597	3.9431	6.4616	8.3540	11.9137
20:44	4.0213	6.6454	8.6510	12.4617	3.9438	6.4627	8.3554	11.9156
20:45	4.0220	6.6465	8.6524	12.4636	3.9444	6.4638	8.3568	11.9174
20:46	4.0227	6.6476	8.6539	12.4656	3.9451	6.4649	8.3581	11.9192
20:47	4.0234	6.6488	8.6553	12.4676	3.9458	6.4660	8.3595	11.9211
20:48	4.0241	6.6499	8.6568	12.4696	3.9465	6.4671	8.3609	11.9229
20:49	4.0248	6.6510	8.6582	12.4715	3.9471	6.4682	8.3622	11.9247

20:50	4.0255	6.6521	8.6597	12.4735	3.9478	6.4693	8.3636	11.9265
20:51	4.0262	6.6533	8.6611	12.4754	3.9485	6.4703	8.3649	11.9284
20:52	4.0268	6.6544	8.6625	12.4774	3.9491	6.4714	8.3663	11.9302
20:53	4.0275	6.6555	8.6640	12.4793	3.9498	6.4725	8.3676	11.9320
20:54	4.0282	6.6566	8.6654	12.4813	3.9505	6.4736	8.3690	11.9338
20:55	4.0289	6.6577	8.6668	12.4832	3.9512	6.4747	8.3703	11.9356
20:56	4.0296	6.6589	8.6683	12.4852	3.9518	6.4757	8.3717	11.9374
20:57	4.0302	6.6600	8.6697	12.4871	3.9525	6.4768	8.3730	11.9392
20:58	4.0309	6.6611	8.6711	12.4891	3.9532	6.4779	8.3744	11.9410
20:59	4.0316	6.6622	8.6725	12.4910	3.9538	6.4789	8.3757	11.9428
21:00	4.0323	6.6633	8.6739	12.4929	3.9545	6.4800	8.3770	11.9446
21:01	4.0329	6.6644	8.6754	12.4948	3.9551	6.4811	8.3784	11.9464
21:02	4.0336	6.6655	8.6768	12.4968	3.9558	6.4821	8.3797	11.9482
21:03	4.0343	6.6666	8.6782	12.4987	3.9565	6.4832	8.3810	11.9500
21:04	4.0350	6.6677	8.6796	12.5006	3.9571	6.4843	8.3824	11.9518
21:05	4.0356	6.6688	8.6810	12.5025	3.9578	6.4853	8.3837	11.9536
21:06	4.0363	6.6699	8.6824	12.5044	3.9584	6.4864	8.3850	11.9553
21:07	4.0370	6.6710	8.6838	12.5063	3.9591	6.4874	8.3863	11.9571
21:08	4.0376	6.6721	8.6852	12.5083	3.9597	6.4885	8.3877	11.9589
21:09	4.0383	6.6732	8.6866	12.5102	3.9604	6.4895	8.3890	11.9607
21:10	4.0390	6.6743	8.6880	12.5121	3.9610	6.4906	8.3903	11.9624
21:11	4.0396	6.6754	8.6894	12.5140	3.9617	6.4916	8.3916	11.9642

21:12	4.0403	6.6765	8.6908	12.5159	3.9623	6.4927	8.3929	11.9660
21:13	4.0410	6.6775	8.6922	12.5177	3.9630	6.4937	8.3942	11.9677
21:14	4.0416	6.6786	8.6936	12.5196	3.9636	6.4948	8.3955	11.9695
21:15	4.0423	6.6797	8.6950	12.5215	3.9643	6.4958	8.3968	11.9712
21:16	4.0429	6.6808	8.6964	12.5234	3.9649	6.4969	8.3982	11.9730
21:17	4.0436	6.6819	8.6977	12.5253	3.9656	6.4979	8.3995	11.9747
21:18	4.0443	6.6829	8.6991	12.5272	3.9662	6.4990	8.4008	11.9765
21:19	4.0449	6.6840	8.7005	12.5290	3.9669	6.5000	8.4021	11.9782
21:20	4.0456	6.6851	8.7019	12.5309	3.9675	6.5010	8.4034	11.9800
21:21	4.0462	6.6862	8.7032	12.5328	3.9682	6.5021	8.4047	11.9817
21:22	4.0469	6.6872	8.7046	12.5347	3.9688	6.5031	8.4059	11.9834
21:23	4.0475	6.6883	8.7060	12.5365	3.9694	6.5041	8.4072	11.9852
21:24	4.0482	6.6894	8.7074	12.5384	3.9701	6.5052	8.4085	11.9869
21:25	4.0488	6.6905	8.7087	12.5402	3.9707	6.5062	8.4098	11.9886
21:26	4.0495	6.6915	8.7101	12.5421	3.9714	6.5072	8.4111	11.9904
21:27	4.0501	6.6926	8.7114	12.5439	3.9720	6.5082	8.4124	11.9921
21:28	4.0508	6.6936	8.7128	12.5458	3.9726	6.5093	8.4137	11.9938
21:29	4.0514	6.6947	8.7142	12.5476	3.9733	6.5103	8.4149	11.9955
21:30	4.0521	6.6958	8.7155	12.5495	3.9739	6.5113	8.4162	11.9972
21:31	4.0527	6.6968	8.7169	12.5513	3.9745	6.5123	8.4175	11.9989
21:32	4.0534	6.6979	8.7182	12.5532	3.9752	6.5133	8.4188	12.0007
21:33	4.0540	6.6989	8.7196	12.5550	3.9758	6.5144	8.4201	12.0024

21:34	4.0546	6.7000	8.7209	12.5569	3.9764	6.5154	8.4213	12.0041
21:35	4.0553	6.7010	8.7223	12.5587	3.9770	6.5164	8.4226	12.0058
21:36	4.0559	6.7021	8.7236	12.5605	3.9777	6.5174	8.4239	12.0075
21:37	4.0566	6.7031	8.7250	12.5623	3.9783	6.5184	8.4251	12.0092
21:38	4.0572	6.7042	8.7263	12.5642	3.9789	6.5194	8.4264	12.0109
21:39	4.0578	6.7052	8.7276	12.5660	3.9796	6.5204	8.4277	12.0126
21:40	4.0585	6.7063	8.7290	12.5678	3.9802	6.5214	8.4289	12.0143
21:41	4.0591	6.7073	8.7303	12.5696	3.9808	6.5225	8.4302	12.0159
21:42	4.0598	6.7084	8.7317	12.5714	3.9814	6.5235	8.4314	12.0176
21:43	4.0604	6.7094	8.7330	12.5732	3.9820	6.5245	8.4327	12.0193
21:44	4.0610	6.7105	8.7343	12.5751	3.9827	6.5255	8.4339	12.0210
21:45	4.0617	6.7115	8.7356	12.5769	3.9833	6.5265	8.4352	12.0227
21:46	4.0623	6.7125	8.7370	12.5787	3.9839	6.5275	8.4364	12.0244
21:47	4.0629	6.7136	8.7383	12.5805	3.9845	6.5285	8.4377	12.0260
21:48	4.0635	6.7146	8.7396	12.5823	3.9851	6.5295	8.4389	12.0277
21:49	4.0642	6.7156	8.7409	12.5841	3.9858	6.5304	8.4402	12.0294
21:50	4.0648	6.7167	8.7423	12.5859	3.9864	6.5314	8.4414	12.0310
21:51	4.0654	6.7177	8.7436	12.5876	3.9870	6.5324	8.4427	12.0327
21:52	4.0661	6.7187	8.7449	12.5894	3.9876	6.5334	8.4439	12.0344
21:53	4.0667	6.7197	8.7462	12.5912	3.9882	6.5344	8.4451	12.0360
21:54	4.0673	6.7208	8.7475	12.5930	3.9888	6.5354	8.4464	12.0377
21:55	4.0679	6.7218	8.7488	12.5948	3.9894	6.5364	8.4476	12.0393

21:56	4.0686	6.7228	8.7501	12.5966	3.9901	6.5374	8.4488	12.0410
21:57	4.0692	6.7238	8.7514	12.5983	3.9907	6.5383	8.4501	12.0426
21:58	4.0698	6.7248	8.7527	12.6001	3.9913	6.5393	8.4513	12.0443
21:59	4.0704	6.7259	8.7540	12.6019	3.9919	6.5403	8.4525	12.0459
22:00	4.0710	6.7269	8.7553	12.6037	3.9925	6.5413	8.4538	12.0476
22:01	4.0717	6.7279	8.7566	12.6054	3.9931	6.5423	8.4550	12.0492
22:02	4.0723	6.7289	8.7579	12.6072	3.9937	6.5432	8.4562	12.0509
22:03	4.0729	6.7299	8.7592	12.6089	3.9943	6.5442	8.4574	12.0525
22:04	4.0735	6.7309	8.7605	12.6107	3.9949	6.5452	8.4586	12.0541
22:05	4.0741	6.7319	8.7618	12.6125	3.9955	6.5462	8.4599	12.0558
22:06	4.0748	6.7330	8.7631	12.6142	3.9961	6.5471	8.4611	12.0574
22:07	4.0754	6.7340	8.7644	12.6160	3.9967	6.5481	8.4623	12.0590
22:08	4.0760	6.7350	8.7657	12.6177	3.9973	6.5491	8.4635	12.0606
22:09	4.0766	6.7360	8.7670	12.6195	3.9979	6.5500	8.4647	12.0623
22:10	4.0772	6.7370	8.7683	12.6212	3.9985	6.5510	8.4659	12.0639
22:11	4.0778	6.7380	8.7695	12.6229	3.9991	6.5520	8.4671	12.0655
22:12	4.0784	6.7390	8.7708	12.6247	3.9997	6.5529	8.4683	12.0671
22:13	4.0790	6.7400	8.7721	12.6264	4.0003	6.5539	8.4695	12.0687
22:14	4.0796	6.7410	8.7734	12.6282	4.0009	6.5549	8.4707	12.0703
22:15	4.0802	6.7420	8.7747	12.6299	4.0015	6.5558	8.4719	12.0720
22:16	4.0809	6.7430	8.7759	12.6316	4.0021	6.5568	8.4731	12.0736
22:17	4.0815	6.7440	8.7772	12.6334	4.0027	6.5577	8.4743	12.0752

22:18	4.0821	6.7449	8.7785	12.6351	4.0033	6.5587	8.4755	12.0768
22:19	4.0827	6.7459	8.7797	12.6368	4.0039	6.5596	8.4767	12.0784
22:20	4.0833	6.7469	8.7810	12.6385	4.0045	6.5606	8.4779	12.0800
22:21	4.0839	6.7479	8.7823	12.6402	4.0051	6.5615	8.4791	12.0816
22:22	4.0845	6.7489	8.7835	12.6420	4.0057	6.5625	8.4803	12.0832
22:23	4.0851	6.7499	8.7848	12.6437	4.0062	6.5634	8.4815	12.0848
22:24	4.0857	6.7509	8.7860	12.6454	4.0068	6.5644	8.4827	12.0864
22:25	4.0863	6.7519	8.7873	12.6471	4.0074	6.5653	8.4839	12.0879
22:26	4.0869	6.7528	8.7886	12.6488	4.0080	6.5663	8.4851	12.0895
22:27	4.0875	6.7538	8.7898	12.6505	4.0086	6.5672	8.4862	12.0911
22:28	4.0881	6.7548	8.7911	12.6522	4.0092	6.5682	8.4874	12.0927
22:29	4.0887	6.7558	8.7923	12.6539	4.0098	6.5691	8.4886	12.0943
22:30	4.0893	6.7568	8.7936	12.6556	4.0104	6.5700	8.4898	12.0959
22:31	4.0899	6.7577	8.7948	12.6573	4.0109	6.5710	8.4910	12.0974
22:32	4.0905	6.7587	8.7961	12.6590	4.0115	6.5719	8.4921	12.0990
22:33	4.0910	6.7597	8.7973	12.6607	4.0121	6.5729	8.4933	12.1006
22:34	4.0916	6.7606	8.7986	12.6624	4.0127	6.5738	8.4945	12.1021
22:35	4.0922	6.7616	8.7998	12.6641	4.0133	6.5747	8.4956	12.1037
22:36	4.0928	6.7626	8.8010	12.6658	4.0138	6.5757	8.4968	12.1053
22:37	4.0934	6.7636	8.8023	12.6674	4.0144	6.5766	8.4980	12.1068
22:38	4.0940	6.7645	8.8035	12.6691	4.0150	6.5775	8.4991	12.1084
22:39	4.0946	6.7655	8.8048	12.6708	4.0156	6.5785	8.5003	12.1100

22:40	4.0952	6.7665	8.8060	12.6725	4.0162	6.5794	8.5015	12.1115
22:41	4.0958	6.7674	8.8072	12.6742	4.0167	6.5803	8.5026	12.1131
22:42	4.0964	6.7684	8.8084	12.6758	4.0173	6.5813	8.5038	12.1146
22:43	4.0969	6.7693	8.8097	12.6775	4.0179	6.5822	8.5049	12.1162
22:44	4.0975	6.7703	8.8109	12.6792	4.0184	6.5831	8.5061	12.1177
22:45	4.0981	6.7713	8.8121	12.6808	4.0190	6.5840	8.5073	12.1193
22:46	4.0987	6.7722	8.8134	12.6825	4.0196	6.5849	8.5084	12.1208
22:47	4.0993	6.7732	8.8146	12.6842	4.0202	6.5859	8.5096	12.1224
22:48	4.0999	6.7741	8.8158	12.6858	4.0207	6.5868	8.5107	12.1239
22:49	4.1004	6.7751	8.8170	12.6875	4.0213	6.5877	8.5119	12.1255
22:50	4.1010	6.7760	8.8182	12.6891	4.0219	6.5886	8.5130	12.1270
22:51	4.1016	6.7770	8.8195	12.6908	4.0224	6.5895	8.5142	12.1285
22:52	4.1022	6.7779	8.8207	12.6924	4.0230	6.5904	8.5153	12.1301
22:53	4.1028	6.7789	8.8219	12.6941	4.0236	6.5914	8.5164	12.1316
22:54	4.1033	6.7798	8.8231	12.6957	4.0241	6.5923	8.5176	12.1331
22:55	4.1039	6.7808	8.8243	12.6974	4.0247	6.5932	8.5187	12.1347
22:56	4.1045	6.7817	8.8255	12.6990	4.0253	6.5941	8.5199	12.1362
22:57	4.1051	6.7827	8.8267	12.7007	4.0258	6.5950	8.5210	12.1377
22:58	4.1057	6.7836	8.8279	12.7023	4.0264	6.5959	8.5221	12.1392
22:59	4.1062	6.7845	8.8291	12.7039	4.0270	6.5968	8.5233	12.1407
23:00	4.1068	6.7855	8.8303	12.7056	4.0275	6.5977	8.5244	12.1423
23:01	4.1074	6.7864	8.8315	12.7072	4.0281	6.5986	8.5255	12.1438

23:02	4.1079	6.7874	8.8327	12.7088	4.0286	6.5995	8.5267	12.1453
23:03	4.1085	6.7883	8.8339	12.7105	4.0292	6.6004	8.5278	12.1468
23:04	4.1091	6.7892	8.8351	12.7121	4.0298	6.6013	8.5289	12.1483
23:05	4.1096	6.7902	8.8363	12.7137	4.0303	6.6022	8.5300	12.1498
23:06	4.1102	6.7911	8.8375	12.7153	4.0309	6.6031	8.5312	12.1513
23:07	4.1108	6.7920	8.8387	12.7169	4.0314	6.6040	8.5323	12.1528
23:08	4.1114	6.7930	8.8399	12.7186	4.0320	6.6049	8.5334	12.1543
23:09	4.1119	6.7939	8.8411	12.7202	4.0326	6.6058	8.5345	12.1558
23:10	4.1125	6.7948	8.8423	12.7218	4.0331	6.6067	8.5356	12.1573
23:11	4.1131	6.7957	8.8435	12.7234	4.0337	6.6076	8.5368	12.1588
23:12	4.1136	6.7967	8.8447	12.7250	4.0342	6.6085	8.5379	12.1603
23:13	4.1142	6.7976	8.8458	12.7266	4.0348	6.6094	8.5390	12.1618
23:14	4.1148	6.7985	8.8470	12.7282	4.0353	6.6103	8.5401	12.1633
23:15	4.1153	6.7994	8.8482	12.7298	4.0359	6.6112	8.5412	12.1648
23:16	4.1159	6.8004	8.8494	12.7314	4.0364	6.6121	8.5423	12.1663
23:17	4.1164	6.8013	8.8506	12.7330	4.0370	6.6129	8.5434	12.1678
23:18	4.1170	6.8022	8.8517	12.7346	4.0375	6.6138	8.5446	12.1693
23:19	4.1176	6.8031	8.8529	12.7362	4.0381	6.6147	8.5457	12.1707
23:20	4.1181	6.8040	8.8541	12.7378	4.0386	6.6156	8.5468	12.1722
23:21	4.1187	6.8050	8.8553	12.7394	4.0392	6.6165	8.5479	12.1737
23:22	4.1192	6.8059	8.8564	12.7410	4.0397	6.6174	8.5490	12.1752
23:23	4.1198	6.8068	8.8576	12.7426	4.0403	6.6182	8.5501	12.1767

23:24	4.1204	6.8077	8.8588	12.7442	4.0408	6.6191	8.5512	12.1781
23:25	4.1209	6.8086	8.8599	12.7458	4.0414	6.6200	8.5523	12.1796
23:26	4.1215	6.8095	8.8611	12.7473	4.0419	6.6209	8.5534	12.1811
23:27	4.1220	6.8104	8.8623	12.7489	4.0424	6.6218	8.5545	12.1825
23:28	4.1226	6.8113	8.8634	12.7505	4.0430	6.6226	8.5556	12.1840
23:29	4.1231	6.8123	8.8646	12.7521	4.0435	6.6235	8.5567	12.1855
23:30	4.1237	6.8132	8.8658	12.7537	4.0441	6.6244	8.5577	12.1869
23:31	4.1242	6.8141	8.8669	12.7552	4.0446	6.6253	8.5588	12.1884
23:32	4.1248	6.8150	8.8681	12.7568	4.0451	6.6261	8.5599	12.1899
23:33	4.1253	6.8159	8.8692	12.7584	4.0457	6.6270	8.5610	12.1913
23:34	4.1259	6.8168	8.8704	12.7599	4.0462	6.6279	8.5621	12.1928
23:35	4.1264	6.8177	8.8715	12.7615	4.0468	6.6287	8.5632	12.1942
23:36	4.1270	6.8186	8.8727	12.7631	4.0473	6.6296	8.5643	12.1957
23:37	4.1275	6.8195	8.8738	12.7646	4.0478	6.6305	8.5654	12.1971
23:38	4.1281	6.8204	8.8750	12.7662	4.0484	6.6313	8.5664	12.1986
23:39	4.1286	6.8213	8.8761	12.7678	4.0489	6.6322	8.5675	12.2000
23:40	4.1292	6.8222	8.8773	12.7693	4.0495	6.6331	8.5686	12.2015
23:41	4.1297	6.8231	8.8784	12.7709	4.0500	6.6339	8.5697	12.2029
23:42	4.1303	6.8240	8.8796	12.7724	4.0505	6.6348	8.5708	12.2044
23:43	4.1308	6.8249	8.8807	12.7740	4.0511	6.6356	8.5718	12.2058
23:44	4.1314	6.8257	8.8819	12.7755	4.0516	6.6365	8.5729	12.2072
23:45	4.1319	6.8266	8.8830	12.7771	4.0521	6.6374	8.5740	12.2087

23:46	4.1324	6.8275	8.8841	12.7786	4.0527	6.6382	8.5750	12.2101
23:47	4.1330	6.8284	8.8853	12.7802	4.0532	6.6391	8.5761	12.2115
23:48	4.1335	6.8293	8.8864	12.7817	4.0537	6.6399	8.5772	12.2130
23:49	4.1341	6.8302	8.8875	12.7832	4.0542	6.6408	8.5783	12.2144
23:50	4.1346	6.8311	8.8887	12.7848	4.0548	6.6416	8.5793	12.2158
23:51	4.1351	6.8320	8.8898	12.7863	4.0553	6.6425	8.5804	12.2173
23:52	4.1357	6.8328	8.8909	12.7878	4.0558	6.6433	8.5815	12.2187
23:53	4.1362	6.8337	8.8921	12.7894	4.0564	6.6442	8.5825	12.2201
23:54	4.1368	6.8346	8.8932	12.7909	4.0569	6.6450	8.5836	12.2215
23:55	4.1373	6.8355	8.8943	12.7924	4.0574	6.6459	8.5846	12.2230
23:56	4.1378	6.8364	8.8955	12.7940	4.0580	6.6467	8.5857	12.2244
23:57	4.1384	6.8373	8.8966	12.7955	4.0585	6.6476	8.5868	12.2258
23:58	4.1389	6.8381	8.8977	12.7970	4.0590	6.6484	8.5878	12.2272
23:59	4.1395	6.8390	8.8988	12.7985	4.0595	6.6493	8.5889	12.2286
24:00	4.1400	6.8399	8.8999	12.8001	4.0600	6.6501	8.5899	12.2300

Cumulative Rainfall (in)								
Time (h:mm)	Zone 1 - South				Zone 2 - North			
	2-yr	10-yr	25-yr	100-yr	2-yr	10-yr	25-yr	100-yr
0:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0:01	0.0005	0.0009	0.0011	0.0015	0.0005	0.0008	0.0011	0.0014
0:02	0.0011	0.0018	0.0022	0.0030	0.0010	0.0017	0.0021	0.0028
0:03	0.0016	0.0026	0.0034	0.0046	0.0016	0.0025	0.0032	0.0042
0:04	0.0021	0.0035	0.0045	0.0061	0.0021	0.0034	0.0042	0.0057
0:05	0.0027	0.0044	0.0056	0.0076	0.0026	0.0042	0.0053	0.0071
0:06	0.0032	0.0053	0.0067	0.0091	0.0032	0.0051	0.0064	0.0085

0:07	0.0038	0.0062	0.0079	0.0107	0.0037	0.0059	0.0074	0.0099
0:08	0.0043	0.0070	0.0090	0.0122	0.0042	0.0068	0.0085	0.0113
0:09	0.0048	0.0079	0.0101	0.0137	0.0047	0.0076	0.0095	0.0128
0:10	0.0054	0.0088	0.0113	0.0153	0.0053	0.0085	0.0106	0.0142
0:11	0.0059	0.0097	0.0124	0.0168	0.0058	0.0093	0.0117	0.0156
0:12	0.0065	0.0106	0.0135	0.0184	0.0063	0.0102	0.0127	0.0170
0:13	0.0070	0.0115	0.0147	0.0199	0.0069	0.0110	0.0138	0.0185
0:14	0.0075	0.0124	0.0158	0.0214	0.0074	0.0119	0.0149	0.0199
0:15	0.0081	0.0133	0.0169	0.0230	0.0079	0.0127	0.0160	0.0213
0:16	0.0086	0.0141	0.0181	0.0245	0.0085	0.0136	0.0170	0.0228
0:17	0.0092	0.0150	0.0192	0.0261	0.0090	0.0145	0.0181	0.0242
0:18	0.0097	0.0159	0.0204	0.0276	0.0095	0.0153	0.0192	0.0257
0:19	0.0103	0.0168	0.0215	0.0292	0.0100	0.0162	0.0203	0.0271
0:20	0.0108	0.0177	0.0226	0.0307	0.0106	0.0170	0.0213	0.0285
0:21	0.0114	0.0186	0.0238	0.0323	0.0111	0.0179	0.0224	0.0300
0:22	0.0119	0.0195	0.0249	0.0338	0.0117	0.0188	0.0235	0.0314
0:23	0.0125	0.0204	0.0261	0.0354	0.0122	0.0196	0.0246	0.0329
0:24	0.0130	0.0213	0.0272	0.0370	0.0127	0.0205	0.0257	0.0343
0:25	0.0136	0.0222	0.0284	0.0385	0.0133	0.0214	0.0267	0.0358
0:26	0.0141	0.0231	0.0295	0.0401	0.0138	0.0222	0.0278	0.0372
0:27	0.0147	0.0240	0.0307	0.0417	0.0144	0.0231	0.0289	0.0387
0:28	0.0152	0.0249	0.0318	0.0432	0.0149	0.0240	0.0300	0.0401
0:29	0.0158	0.0258	0.0330	0.0448	0.0154	0.0248	0.0311	0.0416
0:30	0.0163	0.0267	0.0342	0.0464	0.0160	0.0257	0.0322	0.0431
0:31	0.0169	0.0276	0.0353	0.0479	0.0165	0.0266	0.0333	0.0445
0:32	0.0174	0.0285	0.0365	0.0495	0.0171	0.0275	0.0344	0.0460
0:33	0.0180	0.0294	0.0376	0.0511	0.0176	0.0283	0.0355	0.0475
0:34	0.0185	0.0304	0.0388	0.0527	0.0181	0.0292	0.0366	0.0489
0:35	0.0191	0.0313	0.0400	0.0543	0.0187	0.0301	0.0377	0.0504
0:36	0.0196	0.0322	0.0411	0.0558	0.0192	0.0310	0.0388	0.0519
0:37	0.0202	0.0331	0.0423	0.0574	0.0198	0.0318	0.0399	0.0533
0:38	0.0207	0.0340	0.0435	0.0590	0.0203	0.0327	0.0410	0.0548
0:39	0.0213	0.0349	0.0446	0.0606	0.0209	0.0336	0.0421	0.0563
0:40	0.0219	0.0358	0.0458	0.0622	0.0214	0.0345	0.0432	0.0578
0:41	0.0224	0.0367	0.0470	0.0638	0.0220	0.0354	0.0443	0.0592
0:42	0.0230	0.0377	0.0482	0.0654	0.0225	0.0362	0.0454	0.0607
0:43	0.0235	0.0386	0.0493	0.0670	0.0231	0.0371	0.0465	0.0622
0:44	0.0241	0.0395	0.0505	0.0686	0.0236	0.0380	0.0476	0.0637
0:45	0.0247	0.0404	0.0517	0.0702	0.0242	0.0389	0.0487	0.0652

0:46	0.0252	0.0413	0.0529	0.0718	0.0247	0.0398	0.0498	0.0667
0:47	0.0258	0.0423	0.0541	0.0734	0.0253	0.0407	0.0509	0.0682
0:48	0.0263	0.0432	0.0552	0.0750	0.0258	0.0416	0.0520	0.0697
0:49	0.0269	0.0441	0.0564	0.0766	0.0264	0.0425	0.0531	0.0711
0:50	0.0275	0.0450	0.0576	0.0782	0.0269	0.0434	0.0543	0.0726
0:51	0.0280	0.0460	0.0588	0.0798	0.0275	0.0443	0.0554	0.0741
0:52	0.0286	0.0469	0.0600	0.0815	0.0280	0.0452	0.0565	0.0756
0:53	0.0292	0.0478	0.0612	0.0831	0.0286	0.0461	0.0576	0.0771
0:54	0.0298	0.0488	0.0624	0.0847	0.0291	0.0470	0.0587	0.0786
0:55	0.0303	0.0497	0.0636	0.0863	0.0297	0.0479	0.0599	0.0802
0:56	0.0309	0.0506	0.0648	0.0879	0.0303	0.0488	0.0610	0.0817
0:57	0.0315	0.0516	0.0660	0.0896	0.0308	0.0497	0.0621	0.0832
0:58	0.0320	0.0525	0.0672	0.0912	0.0314	0.0506	0.0633	0.0847
0:59	0.0326	0.0534	0.0684	0.0928	0.0319	0.0515	0.0644	0.0862
1:00	0.0332	0.0544	0.0696	0.0945	0.0325	0.0524	0.0655	0.0877
1:01	0.0337	0.0553	0.0708	0.0961	0.0331	0.0533	0.0666	0.0892
1:02	0.0343	0.0563	0.0720	0.0977	0.0336	0.0542	0.0678	0.0908
1:03	0.0349	0.0572	0.0732	0.0994	0.0342	0.0551	0.0689	0.0923
1:04	0.0355	0.0581	0.0744	0.1010	0.0347	0.0560	0.0701	0.0938
1:05	0.0360	0.0591	0.0756	0.1026	0.0353	0.0569	0.0712	0.0953
1:06	0.0366	0.0600	0.0768	0.1043	0.0359	0.0578	0.0723	0.0969
1:07	0.0372	0.0610	0.0780	0.1059	0.0364	0.0587	0.0735	0.0984
1:08	0.0378	0.0619	0.0792	0.1076	0.0370	0.0596	0.0746	0.0999
1:09	0.0384	0.0629	0.0804	0.1092	0.0376	0.0605	0.0758	0.1014
1:10	0.0389	0.0638	0.0816	0.1109	0.0382	0.0615	0.0769	0.1030
1:11	0.0395	0.0648	0.0829	0.1125	0.0387	0.0624	0.0781	0.1045
1:12	0.0401	0.0657	0.0841	0.1142	0.0393	0.0633	0.0792	0.1061
1:13	0.0407	0.0667	0.0853	0.1159	0.0399	0.0642	0.0804	0.1076
1:14	0.0413	0.0676	0.0865	0.1175	0.0404	0.0651	0.0815	0.1091
1:15	0.0418	0.0686	0.0877	0.1192	0.0410	0.0661	0.0827	0.1107
1:16	0.0424	0.0696	0.0890	0.1208	0.0416	0.0670	0.0838	0.1122
1:17	0.0430	0.0705	0.0902	0.1225	0.0421	0.0679	0.0850	0.1138
1:18	0.0436	0.0715	0.0914	0.1242	0.0427	0.0688	0.0861	0.1153
1:19	0.0442	0.0724	0.0927	0.1258	0.0433	0.0697	0.0873	0.1169
1:20	0.0448	0.0734	0.0939	0.1275	0.0439	0.0707	0.0884	0.1184
1:21	0.0454	0.0744	0.0951	0.1292	0.0444	0.0716	0.0896	0.1200
1:22	0.0460	0.0753	0.0964	0.1309	0.0450	0.0725	0.0908	0.1215
1:23	0.0465	0.0763	0.0976	0.1326	0.0456	0.0735	0.0919	0.1231
1:24	0.0471	0.0773	0.0988	0.1342	0.0462	0.0744	0.0931	0.1247

1:25	0.0477	0.0782	0.1001	0.1359	0.0468	0.0753	0.0943	0.1262
1:26	0.0483	0.0792	0.1013	0.1376	0.0473	0.0763	0.0954	0.1278
1:27	0.0489	0.0802	0.1026	0.1393	0.0479	0.0772	0.0966	0.1294
1:28	0.0495	0.0811	0.1038	0.1410	0.0485	0.0781	0.0978	0.1309
1:29	0.0501	0.0821	0.1050	0.1427	0.0491	0.0791	0.0989	0.1325
1:30	0.0507	0.0831	0.1063	0.1444	0.0497	0.0800	0.1001	0.1341
1:31	0.0513	0.0841	0.1075	0.1461	0.0502	0.0810	0.1013	0.1357
1:32	0.0519	0.0850	0.1088	0.1478	0.0508	0.0819	0.1025	0.1372
1:33	0.0525	0.0860	0.1100	0.1495	0.0514	0.0828	0.1037	0.1388
1:34	0.0531	0.0870	0.1113	0.1512	0.0520	0.0838	0.1048	0.1404
1:35	0.0537	0.0880	0.1126	0.1529	0.0526	0.0847	0.1060	0.1420
1:36	0.0543	0.0890	0.1138	0.1546	0.0532	0.0857	0.1072	0.1436
1:37	0.0549	0.0899	0.1151	0.1563	0.0538	0.0866	0.1084	0.1452
1:38	0.0555	0.0909	0.1163	0.1580	0.0543	0.0876	0.1096	0.1468
1:39	0.0561	0.0919	0.1176	0.1597	0.0549	0.0885	0.1108	0.1484
1:40	0.0567	0.0929	0.1189	0.1615	0.0555	0.0895	0.1120	0.1500
1:41	0.0573	0.0939	0.1201	0.1632	0.0561	0.0904	0.1132	0.1516
1:42	0.0579	0.0949	0.1214	0.1649	0.0567	0.0914	0.1143	0.1532
1:43	0.0585	0.0959	0.1227	0.1666	0.0573	0.0923	0.1155	0.1548
1:44	0.0591	0.0969	0.1239	0.1683	0.0579	0.0933	0.1167	0.1564
1:45	0.0597	0.0979	0.1252	0.1701	0.0585	0.0942	0.1179	0.1580
1:46	0.0603	0.0989	0.1265	0.1718	0.0591	0.0952	0.1191	0.1596
1:47	0.0609	0.0999	0.1278	0.1735	0.0597	0.0962	0.1203	0.1612
1:48	0.0615	0.1009	0.1290	0.1753	0.0603	0.0971	0.1215	0.1628
1:49	0.0621	0.1019	0.1303	0.1770	0.0609	0.0981	0.1228	0.1644
1:50	0.0627	0.1029	0.1316	0.1788	0.0615	0.0990	0.1240	0.1660
1:51	0.0634	0.1039	0.1329	0.1805	0.0621	0.1000	0.1252	0.1677
1:52	0.0640	0.1049	0.1342	0.1822	0.0627	0.1010	0.1264	0.1693
1:53	0.0646	0.1059	0.1354	0.1840	0.0633	0.1019	0.1276	0.1709
1:54	0.0652	0.1069	0.1367	0.1857	0.0639	0.1029	0.1288	0.1725
1:55	0.0658	0.1079	0.1380	0.1875	0.0645	0.1039	0.1300	0.1742
1:56	0.0664	0.1089	0.1393	0.1893	0.0651	0.1049	0.1312	0.1758
1:57	0.0670	0.1099	0.1406	0.1910	0.0657	0.1058	0.1325	0.1774
1:58	0.0677	0.1109	0.1419	0.1928	0.0663	0.1068	0.1337	0.1791
1:59	0.0683	0.1119	0.1432	0.1945	0.0669	0.1078	0.1349	0.1807
2:00	0.0689	0.1129	0.1445	0.1963	0.0675	0.1088	0.1361	0.1823
2:01	0.0695	0.1140	0.1458	0.1981	0.0681	0.1097	0.1373	0.1840
2:02	0.0701	0.1150	0.1471	0.1998	0.0687	0.1107	0.1386	0.1856
2:03	0.0708	0.1160	0.1484	0.2016	0.0693	0.1117	0.1398	0.1873

2:04	0.0714	0.1170	0.1497	0.2034	0.0699	0.1127	0.1410	0.1889
2:05	0.0720	0.1180	0.1510	0.2052	0.0706	0.1137	0.1423	0.1906
2:06	0.0726	0.1191	0.1523	0.2070	0.0712	0.1146	0.1435	0.1922
2:07	0.0732	0.1201	0.1536	0.2087	0.0718	0.1156	0.1447	0.1939
2:08	0.0739	0.1211	0.1549	0.2105	0.0724	0.1166	0.1460	0.1956
2:09	0.0745	0.1221	0.1563	0.2123	0.0730	0.1176	0.1472	0.1972
2:10	0.0751	0.1232	0.1576	0.2141	0.0736	0.1186	0.1484	0.1989
2:11	0.0758	0.1242	0.1589	0.2159	0.0742	0.1196	0.1497	0.2005
2:12	0.0764	0.1252	0.1602	0.2177	0.0748	0.1206	0.1509	0.2022
2:13	0.0770	0.1263	0.1615	0.2195	0.0755	0.1216	0.1522	0.2039
2:14	0.0776	0.1273	0.1629	0.2213	0.0761	0.1226	0.1534	0.2056
2:15	0.0783	0.1283	0.1642	0.2231	0.0767	0.1236	0.1547	0.2072
2:16	0.0789	0.1294	0.1655	0.2249	0.0773	0.1246	0.1559	0.2089
2:17	0.0795	0.1304	0.1668	0.2267	0.0779	0.1256	0.1572	0.2106
2:18	0.0802	0.1314	0.1682	0.2285	0.0786	0.1266	0.1584	0.2123
2:19	0.0808	0.1325	0.1695	0.2303	0.0792	0.1276	0.1597	0.2140
2:20	0.0814	0.1335	0.1708	0.2322	0.0798	0.1286	0.1609	0.2157
2:21	0.0821	0.1346	0.1722	0.2340	0.0804	0.1296	0.1622	0.2173
2:22	0.0827	0.1356	0.1735	0.2358	0.0810	0.1306	0.1635	0.2190
2:23	0.0834	0.1367	0.1749	0.2376	0.0817	0.1316	0.1647	0.2207
2:24	0.0840	0.1377	0.1762	0.2394	0.0823	0.1326	0.1660	0.2224
2:25	0.0846	0.1388	0.1775	0.2413	0.0829	0.1336	0.1673	0.2241
2:26	0.0853	0.1398	0.1789	0.2431	0.0836	0.1346	0.1685	0.2258
2:27	0.0859	0.1409	0.1802	0.2449	0.0842	0.1356	0.1698	0.2275
2:28	0.0866	0.1419	0.1816	0.2468	0.0848	0.1367	0.1711	0.2292
2:29	0.0872	0.1430	0.1829	0.2486	0.0855	0.1377	0.1723	0.2309
2:30	0.0879	0.1440	0.1843	0.2505	0.0861	0.1387	0.1736	0.2327
2:31	0.0885	0.1451	0.1856	0.2523	0.0867	0.1397	0.1749	0.2344
2:32	0.0892	0.1462	0.1870	0.2541	0.0874	0.1407	0.1762	0.2361
2:33	0.0898	0.1472	0.1884	0.2560	0.0880	0.1418	0.1775	0.2378
2:34	0.0905	0.1483	0.1897	0.2578	0.0886	0.1428	0.1787	0.2395
2:35	0.0911	0.1493	0.1911	0.2597	0.0893	0.1438	0.1800	0.2412
2:36	0.0918	0.1504	0.1925	0.2616	0.0899	0.1448	0.1813	0.2430
2:37	0.0924	0.1515	0.1938	0.2634	0.0905	0.1459	0.1826	0.2447
2:38	0.0931	0.1526	0.1952	0.2653	0.0912	0.1469	0.1839	0.2464
2:39	0.0937	0.1536	0.1966	0.2672	0.0918	0.1479	0.1852	0.2482
2:40	0.0944	0.1547	0.1979	0.2690	0.0925	0.1490	0.1865	0.2499
2:41	0.0950	0.1558	0.1993	0.2709	0.0931	0.1500	0.1878	0.2517
2:42	0.0957	0.1568	0.2007	0.2728	0.0937	0.1510	0.1891	0.2534

2:43	0.0963	0.1579	0.2021	0.2746	0.0944	0.1521	0.1904	0.2551
2:44	0.0970	0.1590	0.2035	0.2765	0.0950	0.1531	0.1917	0.2569
2:45	0.0977	0.1601	0.2048	0.2784	0.0957	0.1542	0.1930	0.2586
2:46	0.0983	0.1612	0.2062	0.2803	0.0963	0.1552	0.1943	0.2604
2:47	0.0990	0.1622	0.2076	0.2822	0.0970	0.1562	0.1956	0.2622
2:48	0.0996	0.1633	0.2090	0.2841	0.0976	0.1573	0.1969	0.2639
2:49	0.1003	0.1644	0.2104	0.2860	0.0983	0.1583	0.1982	0.2657
2:50	0.1010	0.1655	0.2118	0.2879	0.0989	0.1594	0.1995	0.2674
2:51	0.1016	0.1666	0.2132	0.2898	0.0996	0.1604	0.2008	0.2692
2:52	0.1023	0.1677	0.2146	0.2917	0.1002	0.1615	0.2022	0.2710
2:53	0.1030	0.1688	0.2160	0.2936	0.1009	0.1625	0.2035	0.2727
2:54	0.1036	0.1699	0.2174	0.2955	0.1015	0.1636	0.2048	0.2745
2:55	0.1043	0.1710	0.2188	0.2974	0.1022	0.1647	0.2061	0.2763
2:56	0.1050	0.1721	0.2202	0.2993	0.1029	0.1657	0.2075	0.2781
2:57	0.1056	0.1732	0.2216	0.3012	0.1035	0.1668	0.2088	0.2799
2:58	0.1063	0.1743	0.2230	0.3031	0.1042	0.1678	0.2101	0.2816
2:59	0.1070	0.1754	0.2244	0.3051	0.1048	0.1689	0.2114	0.2834
3:00	0.1077	0.1765	0.2258	0.3070	0.1055	0.1700	0.2128	0.2852
3:01	0.1083	0.1776	0.2273	0.3089	0.1062	0.1710	0.2141	0.2870
3:02	0.1090	0.1787	0.2287	0.3109	0.1068	0.1721	0.2155	0.2888
3:03	0.1097	0.1798	0.2301	0.3128	0.1075	0.1732	0.2168	0.2906
3:04	0.1104	0.1809	0.2315	0.3147	0.1081	0.1742	0.2181	0.2924
3:05	0.1111	0.1820	0.2330	0.3167	0.1088	0.1753	0.2195	0.2942
3:06	0.1117	0.1832	0.2344	0.3186	0.1095	0.1764	0.2208	0.2960
3:07	0.1124	0.1843	0.2358	0.3206	0.1101	0.1775	0.2222	0.2978
3:08	0.1131	0.1854	0.2372	0.3225	0.1108	0.1785	0.2235	0.2996
3:09	0.1138	0.1865	0.2387	0.3245	0.1115	0.1796	0.2249	0.3015
3:10	0.1145	0.1876	0.2401	0.3264	0.1122	0.1807	0.2262	0.3033
3:11	0.1151	0.1888	0.2416	0.3284	0.1128	0.1818	0.2276	0.3051
3:12	0.1158	0.1899	0.2430	0.3303	0.1135	0.1829	0.2289	0.3069
3:13	0.1165	0.1910	0.2444	0.3323	0.1142	0.1840	0.2303	0.3088
3:14	0.1172	0.1922	0.2459	0.3343	0.1148	0.1850	0.2317	0.3106
3:15	0.1179	0.1933	0.2473	0.3363	0.1155	0.1861	0.2330	0.3124
3:16	0.1186	0.1944	0.2488	0.3382	0.1162	0.1872	0.2344	0.3143
3:17	0.1193	0.1955	0.2502	0.3402	0.1169	0.1883	0.2358	0.3161
3:18	0.1200	0.1967	0.2517	0.3422	0.1176	0.1894	0.2371	0.3179
3:19	0.1207	0.1978	0.2531	0.3442	0.1182	0.1905	0.2385	0.3198
3:20	0.1214	0.1990	0.2546	0.3462	0.1189	0.1916	0.2399	0.3216
3:21	0.1221	0.2001	0.2561	0.3481	0.1196	0.1927	0.2413	0.3235

3:22	0.1228	0.2012	0.2575	0.3501	0.1203	0.1938	0.2427	0.3253
3:23	0.1235	0.2024	0.2590	0.3521	0.1210	0.1949	0.2440	0.3272
3:24	0.1242	0.2035	0.2605	0.3541	0.1216	0.1960	0.2454	0.3291
3:25	0.1249	0.2047	0.2619	0.3561	0.1223	0.1971	0.2468	0.3309
3:26	0.1256	0.2058	0.2634	0.3581	0.1230	0.1982	0.2482	0.3328
3:27	0.1263	0.2070	0.2649	0.3602	0.1237	0.1993	0.2496	0.3347
3:28	0.1270	0.2081	0.2664	0.3622	0.1244	0.2005	0.2510	0.3365
3:29	0.1277	0.2093	0.2678	0.3642	0.1251	0.2016	0.2524	0.3384
3:30	0.1284	0.2105	0.2693	0.3662	0.1258	0.2027	0.2538	0.3403
3:31	0.1291	0.2116	0.2708	0.3682	0.1265	0.2038	0.2552	0.3422
3:32	0.1298	0.2128	0.2723	0.3703	0.1272	0.2049	0.2566	0.3440
3:33	0.1305	0.2139	0.2738	0.3723	0.1279	0.2060	0.2580	0.3459
3:34	0.1312	0.2151	0.2753	0.3743	0.1286	0.2072	0.2594	0.3478
3:35	0.1319	0.2163	0.2768	0.3764	0.1293	0.2083	0.2608	0.3497
3:36	0.1326	0.2175	0.2783	0.3784	0.1300	0.2094	0.2622	0.3516
3:37	0.1333	0.2186	0.2798	0.3804	0.1307	0.2105	0.2636	0.3535
3:38	0.1341	0.2198	0.2813	0.3825	0.1314	0.2117	0.2650	0.3554
3:39	0.1348	0.2210	0.2828	0.3845	0.1321	0.2128	0.2665	0.3573
3:40	0.1355	0.2221	0.2843	0.3866	0.1328	0.2139	0.2679	0.3592
3:41	0.1362	0.2233	0.2858	0.3886	0.1335	0.2151	0.2693	0.3611
3:42	0.1369	0.2245	0.2873	0.3907	0.1342	0.2162	0.2707	0.3631
3:43	0.1377	0.2257	0.2888	0.3928	0.1349	0.2174	0.2722	0.3650
3:44	0.1384	0.2269	0.2903	0.3948	0.1356	0.2185	0.2736	0.3669
3:45	0.1391	0.2281	0.2919	0.3969	0.1363	0.2196	0.2750	0.3688
3:46	0.1398	0.2292	0.2934	0.3990	0.1370	0.2208	0.2765	0.3708
3:47	0.1406	0.2304	0.2949	0.4011	0.1377	0.2219	0.2779	0.3727
3:48	0.1413	0.2316	0.2964	0.4031	0.1384	0.2231	0.2793	0.3746
3:49	0.1420	0.2328	0.2980	0.4052	0.1391	0.2242	0.2808	0.3766
3:50	0.1427	0.2340	0.2995	0.4073	0.1399	0.2254	0.2822	0.3785
3:51	0.1435	0.2352	0.3010	0.4094	0.1406	0.2265	0.2837	0.3805
3:52	0.1442	0.2364	0.3026	0.4115	0.1413	0.2277	0.2851	0.3824
3:53	0.1449	0.2376	0.3041	0.4136	0.1420	0.2289	0.2866	0.3844
3:54	0.1457	0.2388	0.3056	0.4157	0.1427	0.2300	0.2880	0.3863
3:55	0.1464	0.2400	0.3072	0.4178	0.1435	0.2312	0.2895	0.3883
3:56	0.1471	0.2412	0.3087	0.4199	0.1442	0.2323	0.2909	0.3902
3:57	0.1479	0.2424	0.3103	0.4220	0.1449	0.2335	0.2924	0.3922
3:58	0.1486	0.2437	0.3118	0.4241	0.1456	0.2347	0.2939	0.3942
3:59	0.1494	0.2449	0.3134	0.4263	0.1463	0.2358	0.2953	0.3962
4:00	0.1501	0.2461	0.3150	0.4284	0.1471	0.2370	0.2968	0.3981

4:01	0.1508	0.2473	0.3165	0.4305	0.1478	0.2382	0.2983	0.4001
4:02	0.1516	0.2485	0.3181	0.4326	0.1485	0.2394	0.2997	0.4021
4:03	0.1523	0.2497	0.3196	0.4348	0.1493	0.2405	0.3012	0.4041
4:04	0.1531	0.2510	0.3212	0.4369	0.1500	0.2417	0.3027	0.4061
4:05	0.1538	0.2522	0.3228	0.4390	0.1507	0.2429	0.3042	0.4081
4:06	0.1546	0.2534	0.3244	0.4412	0.1515	0.2441	0.3057	0.4101
4:07	0.1553	0.2547	0.3259	0.4433	0.1522	0.2453	0.3071	0.4121
4:08	0.1561	0.2559	0.3275	0.4455	0.1529	0.2465	0.3086	0.4141
4:09	0.1568	0.2571	0.3291	0.4477	0.1537	0.2477	0.3101	0.4161
4:10	0.1576	0.2584	0.3307	0.4498	0.1544	0.2488	0.3116	0.4181
4:11	0.1583	0.2596	0.3323	0.4520	0.1552	0.2500	0.3131	0.4201
4:12	0.1591	0.2608	0.3339	0.4541	0.1559	0.2512	0.3146	0.4221
4:13	0.1599	0.2621	0.3355	0.4563	0.1566	0.2524	0.3161	0.4241
4:14	0.1606	0.2633	0.3371	0.4585	0.1574	0.2536	0.3176	0.4262
4:15	0.1614	0.2646	0.3387	0.4607	0.1581	0.2548	0.3191	0.4282
4:16	0.1621	0.2658	0.3403	0.4629	0.1589	0.2560	0.3207	0.4302
4:17	0.1629	0.2671	0.3419	0.4650	0.1596	0.2573	0.3222	0.4323
4:18	0.1637	0.2683	0.3435	0.4672	0.1604	0.2585	0.3237	0.4343
4:19	0.1644	0.2696	0.3451	0.4694	0.1611	0.2597	0.3252	0.4363
4:20	0.1652	0.2709	0.3467	0.4716	0.1619	0.2609	0.3267	0.4384
4:21	0.1660	0.2721	0.3483	0.4738	0.1626	0.2621	0.3282	0.4404
4:22	0.1668	0.2734	0.3499	0.4760	0.1634	0.2633	0.3298	0.4425
4:23	0.1675	0.2747	0.3515	0.4783	0.1641	0.2645	0.3313	0.4445
4:24	0.1683	0.2759	0.3532	0.4805	0.1649	0.2658	0.3328	0.4466
4:25	0.1691	0.2772	0.3548	0.4827	0.1657	0.2670	0.3344	0.4487
4:26	0.1698	0.2785	0.3564	0.4849	0.1664	0.2682	0.3359	0.4507
4:27	0.1706	0.2797	0.3581	0.4871	0.1672	0.2694	0.3375	0.4528
4:28	0.1714	0.2810	0.3597	0.4894	0.1679	0.2707	0.3390	0.4549
4:29	0.1722	0.2823	0.3613	0.4916	0.1687	0.2719	0.3405	0.4570
4:30	0.1730	0.2836	0.3630	0.4939	0.1695	0.2731	0.3421	0.4591
4:31	0.1737	0.2849	0.3646	0.4961	0.1702	0.2744	0.3436	0.4611
4:32	0.1745	0.2862	0.3663	0.4983	0.1710	0.2756	0.3452	0.4632
4:33	0.1753	0.2874	0.3679	0.5006	0.1718	0.2769	0.3468	0.4653
4:34	0.1761	0.2887	0.3696	0.5029	0.1726	0.2781	0.3483	0.4674
4:35	0.1769	0.2900	0.3712	0.5051	0.1733	0.2794	0.3499	0.4695
4:36	0.1777	0.2913	0.3729	0.5074	0.1741	0.2806	0.3515	0.4716
4:37	0.1785	0.2926	0.3746	0.5097	0.1749	0.2819	0.3530	0.4738
4:38	0.1793	0.2939	0.3762	0.5119	0.1757	0.2831	0.3546	0.4759
4:39	0.1801	0.2952	0.3779	0.5142	0.1764	0.2844	0.3562	0.4780

4:40	0.1809	0.2965	0.3796	0.5165	0.1772	0.2856	0.3578	0.4801
4:41	0.1817	0.2978	0.3812	0.5188	0.1780	0.2869	0.3593	0.4822
4:42	0.1825	0.2992	0.3829	0.5211	0.1788	0.2881	0.3609	0.4844
4:43	0.1833	0.3005	0.3846	0.5234	0.1796	0.2894	0.3625	0.4865
4:44	0.1841	0.3018	0.3863	0.5257	0.1803	0.2907	0.3641	0.4887
4:45	0.1849	0.3031	0.3880	0.5280	0.1811	0.2920	0.3657	0.4908
4:46	0.1857	0.3044	0.3897	0.5303	0.1819	0.2932	0.3673	0.4929
4:47	0.1865	0.3057	0.3914	0.5326	0.1827	0.2945	0.3689	0.4951
4:48	0.1873	0.3071	0.3931	0.5349	0.1835	0.2958	0.3705	0.4973
4:49	0.1881	0.3084	0.3948	0.5372	0.1843	0.2971	0.3721	0.4994
4:50	0.1889	0.3097	0.3965	0.5396	0.1851	0.2983	0.3737	0.5016
4:51	0.1897	0.3111	0.3982	0.5419	0.1859	0.2996	0.3753	0.5038
4:52	0.1905	0.3124	0.3999	0.5442	0.1867	0.3009	0.3769	0.5059
4:53	0.1913	0.3137	0.4016	0.5466	0.1875	0.3022	0.3785	0.5081
4:54	0.1922	0.3151	0.4033	0.5489	0.1883	0.3035	0.3802	0.5103
4:55	0.1930	0.3164	0.4050	0.5512	0.1891	0.3048	0.3818	0.5125
4:56	0.1938	0.3178	0.4068	0.5536	0.1899	0.3061	0.3834	0.5147
4:57	0.1946	0.3191	0.4085	0.5560	0.1907	0.3074	0.3850	0.5169
4:58	0.1954	0.3205	0.4102	0.5583	0.1915	0.3087	0.3867	0.5191
4:59	0.1963	0.3218	0.4120	0.5607	0.1923	0.3100	0.3883	0.5213
5:00	0.1971	0.3232	0.4137	0.5631	0.1931	0.3113	0.3900	0.5235
5:01	0.1979	0.3245	0.4154	0.5654	0.1939	0.3126	0.3916	0.5257
5:02	0.1988	0.3259	0.4172	0.5678	0.1947	0.3139	0.3932	0.5279
5:03	0.1996	0.3273	0.4189	0.5702	0.1956	0.3152	0.3949	0.5301
5:04	0.2004	0.3286	0.4207	0.5726	0.1964	0.3165	0.3965	0.5323
5:05	0.2013	0.3300	0.4224	0.5750	0.1972	0.3179	0.3982	0.5346
5:06	0.2021	0.3314	0.4242	0.5774	0.1980	0.3192	0.3999	0.5368
5:07	0.2029	0.3328	0.4260	0.5798	0.1988	0.3205	0.4015	0.5390
5:08	0.2038	0.3341	0.4277	0.5822	0.1997	0.3218	0.4032	0.5413
5:09	0.2046	0.3355	0.4295	0.5846	0.2005	0.3232	0.4049	0.5435
5:10	0.2055	0.3369	0.4313	0.5870	0.2013	0.3245	0.4065	0.5458
5:11	0.2063	0.3383	0.4330	0.5895	0.2021	0.3258	0.4082	0.5480
5:12	0.2071	0.3397	0.4348	0.5919	0.2030	0.3272	0.4099	0.5503
5:13	0.2080	0.3411	0.4366	0.5943	0.2038	0.3285	0.4116	0.5526
5:14	0.2088	0.3425	0.4384	0.5968	0.2046	0.3299	0.4133	0.5548
5:15	0.2097	0.3439	0.4402	0.5992	0.2055	0.3312	0.4150	0.5571
5:16	0.2105	0.3453	0.4420	0.6016	0.2063	0.3326	0.4166	0.5594
5:17	0.2114	0.3467	0.4438	0.6041	0.2071	0.3339	0.4183	0.5617
5:18	0.2123	0.3481	0.4456	0.6066	0.2080	0.3353	0.4200	0.5640

5:19	0.2131	0.3495	0.4474	0.6090	0.2088	0.3366	0.4217	0.5663
5:20	0.2140	0.3509	0.4492	0.6115	0.2097	0.3380	0.4235	0.5686
5:21	0.2148	0.3523	0.4510	0.6140	0.2105	0.3393	0.4252	0.5709
5:22	0.2157	0.3537	0.4528	0.6164	0.2114	0.3407	0.4269	0.5732
5:23	0.2166	0.3551	0.4546	0.6189	0.2122	0.3421	0.4286	0.5755
5:24	0.2174	0.3566	0.4565	0.6214	0.2131	0.3435	0.4303	0.5778
5:25	0.2183	0.3580	0.4583	0.6239	0.2139	0.3448	0.4320	0.5801
5:26	0.2192	0.3594	0.4601	0.6264	0.2148	0.3462	0.4338	0.5825
5:27	0.2201	0.3608	0.4619	0.6289	0.2156	0.3476	0.4355	0.5848
5:28	0.2209	0.3623	0.4638	0.6314	0.2165	0.3490	0.4372	0.5871
5:29	0.2218	0.3637	0.4656	0.6339	0.2173	0.3504	0.4390	0.5895
5:30	0.2227	0.3652	0.4675	0.6365	0.2182	0.3517	0.4407	0.5918
5:31	0.2236	0.3666	0.4693	0.6390	0.2191	0.3531	0.4425	0.5942
5:32	0.2244	0.3680	0.4712	0.6415	0.2199	0.3545	0.4442	0.5965
5:33	0.2253	0.3695	0.4730	0.6441	0.2208	0.3559	0.4460	0.5989
5:34	0.2262	0.3709	0.4749	0.6466	0.2217	0.3573	0.4477	0.6013
5:35	0.2271	0.3724	0.4768	0.6492	0.2225	0.3587	0.4495	0.6036
5:36	0.2280	0.3739	0.4786	0.6517	0.2234	0.3601	0.4513	0.6060
5:37	0.2289	0.3753	0.4805	0.6543	0.2243	0.3615	0.4530	0.6084
5:38	0.2298	0.3768	0.4824	0.6568	0.2251	0.3630	0.4548	0.6108
5:39	0.2307	0.3783	0.4843	0.6594	0.2260	0.3644	0.4566	0.6132
5:40	0.2316	0.3797	0.4862	0.6620	0.2269	0.3658	0.4584	0.6156
5:41	0.2325	0.3812	0.4880	0.6646	0.2278	0.3672	0.4601	0.6180
5:42	0.2334	0.3827	0.4899	0.6672	0.2287	0.3686	0.4619	0.6204
5:43	0.2343	0.3842	0.4918	0.6697	0.2295	0.3701	0.4637	0.6228
5:44	0.2352	0.3856	0.4937	0.6723	0.2304	0.3715	0.4655	0.6252
5:45	0.2361	0.3871	0.4956	0.6749	0.2313	0.3729	0.4673	0.6277
5:46	0.2370	0.3886	0.4976	0.6776	0.2322	0.3744	0.4691	0.6301
5:47	0.2379	0.3901	0.4995	0.6802	0.2331	0.3758	0.4709	0.6325
5:48	0.2388	0.3916	0.5014	0.6828	0.2340	0.3772	0.4727	0.6350
5:49	0.2397	0.3931	0.5033	0.6854	0.2349	0.3787	0.4746	0.6374
5:50	0.2406	0.3946	0.5052	0.6881	0.2358	0.3801	0.4764	0.6399
5:51	0.2416	0.3961	0.5072	0.6907	0.2367	0.3816	0.4782	0.6423
5:52	0.2425	0.3976	0.5091	0.6933	0.2376	0.3831	0.4800	0.6448
5:53	0.2434	0.3991	0.5110	0.6960	0.2385	0.3845	0.4819	0.6473
5:54	0.2443	0.4007	0.5130	0.6987	0.2394	0.3860	0.4837	0.6497
5:55	0.2452	0.4022	0.5149	0.7013	0.2403	0.3874	0.4855	0.6522
5:56	0.2462	0.4037	0.5169	0.7040	0.2412	0.3889	0.4874	0.6547
5:57	0.2471	0.4052	0.5188	0.7067	0.2421	0.3904	0.4892	0.6572

5:58	0.2480	0.4068	0.5208	0.7093	0.2430	0.3919	0.4911	0.6597
5:59	0.2490	0.4083	0.5228	0.7120	0.2440	0.3933	0.4929	0.6622
6:00	0.2499	0.4098	0.5247	0.7147	0.2449	0.3948	0.4948	0.6647
6:01	0.2509	0.4116	0.5271	0.7181	0.2459	0.3965	0.4970	0.6679
6:02	0.2519	0.4133	0.5294	0.7216	0.2469	0.3982	0.4992	0.6711
6:03	0.2529	0.4151	0.5317	0.7250	0.2479	0.3999	0.5015	0.6744
6:04	0.2540	0.4168	0.5340	0.7284	0.2488	0.4016	0.5037	0.6776
6:05	0.2550	0.4186	0.5363	0.7319	0.2498	0.4033	0.5059	0.6808
6:06	0.2560	0.4204	0.5387	0.7353	0.2508	0.4050	0.5082	0.6841
6:07	0.2570	0.4221	0.5410	0.7388	0.2518	0.4067	0.5104	0.6873
6:08	0.2580	0.4239	0.5433	0.7422	0.2528	0.4084	0.5127	0.6906
6:09	0.2591	0.4257	0.5457	0.7457	0.2539	0.4101	0.5149	0.6939
6:10	0.2601	0.4275	0.5480	0.7492	0.2549	0.4118	0.5172	0.6971
6:11	0.2611	0.4292	0.5504	0.7527	0.2559	0.4135	0.5195	0.7004
6:12	0.2622	0.4310	0.5528	0.7562	0.2569	0.4152	0.5217	0.7037
6:13	0.2632	0.4328	0.5551	0.7597	0.2579	0.4169	0.5240	0.7070
6:14	0.2642	0.4346	0.5575	0.7632	0.2589	0.4187	0.5263	0.7103
6:15	0.2653	0.4364	0.5599	0.7667	0.2599	0.4204	0.5286	0.7136
6:16	0.2663	0.4382	0.5623	0.7702	0.2610	0.4221	0.5309	0.7170
6:17	0.2674	0.4400	0.5647	0.7737	0.2620	0.4239	0.5332	0.7203
6:18	0.2684	0.4418	0.5671	0.7773	0.2630	0.4256	0.5355	0.7236
6:19	0.2695	0.4437	0.5695	0.7808	0.2640	0.4274	0.5378	0.7270
6:20	0.2705	0.4455	0.5719	0.7844	0.2651	0.4291	0.5401	0.7303
6:21	0.2716	0.4473	0.5743	0.7880	0.2661	0.4309	0.5424	0.7337
6:22	0.2726	0.4491	0.5767	0.7915	0.2671	0.4326	0.5448	0.7370
6:23	0.2737	0.4510	0.5791	0.7951	0.2682	0.4344	0.5471	0.7404
6:24	0.2748	0.4528	0.5815	0.7987	0.2692	0.4362	0.5494	0.7438
6:25	0.2758	0.4546	0.5840	0.8023	0.2703	0.4379	0.5518	0.7472
6:26	0.2769	0.4565	0.5864	0.8059	0.2713	0.4397	0.5541	0.7506
6:27	0.2780	0.4583	0.5889	0.8095	0.2724	0.4415	0.5565	0.7540
6:28	0.2790	0.4602	0.5913	0.8132	0.2734	0.4433	0.5588	0.7574
6:29	0.2801	0.4621	0.5938	0.8168	0.2745	0.4451	0.5612	0.7608
6:30	0.2812	0.4639	0.5962	0.8204	0.2755	0.4469	0.5636	0.7643
6:31	0.2823	0.4658	0.5987	0.8241	0.2766	0.4487	0.5660	0.7677
6:32	0.2834	0.4677	0.6012	0.8278	0.2776	0.4505	0.5683	0.7712
6:33	0.2845	0.4695	0.6037	0.8314	0.2787	0.4523	0.5707	0.7746
6:34	0.2855	0.4714	0.6062	0.8351	0.2798	0.4541	0.5731	0.7781
6:35	0.2866	0.4733	0.6087	0.8388	0.2808	0.4559	0.5755	0.7816
6:36	0.2877	0.4752	0.6112	0.8425	0.2819	0.4577	0.5779	0.7850

6:37	0.2888	0.4771	0.6137	0.8462	0.2830	0.4595	0.5803	0.7885
6:38	0.2899	0.4790	0.6162	0.8499	0.2841	0.4614	0.5828	0.7920
6:39	0.2910	0.4809	0.6187	0.8536	0.2851	0.4632	0.5852	0.7955
6:40	0.2921	0.4828	0.6212	0.8574	0.2862	0.4650	0.5876	0.7991
6:41	0.2933	0.4847	0.6237	0.8611	0.2873	0.4669	0.5900	0.8026
6:42	0.2944	0.4866	0.6263	0.8648	0.2884	0.4687	0.5925	0.8061
6:43	0.2955	0.4886	0.6288	0.8686	0.2895	0.4706	0.5949	0.8097
6:44	0.2966	0.4905	0.6314	0.8724	0.2906	0.4724	0.5974	0.8132
6:45	0.2977	0.4924	0.6339	0.8762	0.2917	0.4743	0.5998	0.8168
6:46	0.2988	0.4944	0.6365	0.8799	0.2928	0.4762	0.6023	0.8203
6:47	0.3000	0.4963	0.6391	0.8837	0.2939	0.4780	0.6048	0.8239
6:48	0.3011	0.4983	0.6416	0.8876	0.2950	0.4799	0.6073	0.8275
6:49	0.3022	0.5002	0.6442	0.8914	0.2961	0.4818	0.6097	0.8311
6:50	0.3034	0.5022	0.6468	0.8952	0.2972	0.4837	0.6122	0.8347
6:51	0.3045	0.5041	0.6494	0.8990	0.2983	0.4856	0.6147	0.8383
6:52	0.3056	0.5061	0.6520	0.9029	0.2994	0.4875	0.6172	0.8419
6:53	0.3068	0.5081	0.6546	0.9067	0.3005	0.4894	0.6197	0.8456
6:54	0.3079	0.5100	0.6572	0.9106	0.3017	0.4913	0.6223	0.8492
6:55	0.3091	0.5120	0.6599	0.9145	0.3028	0.4932	0.6248	0.8529
6:56	0.3102	0.5140	0.6625	0.9183	0.3039	0.4951	0.6273	0.8565
6:57	0.3114	0.5160	0.6651	0.9222	0.3050	0.4970	0.6299	0.8602
6:58	0.3125	0.5180	0.6678	0.9261	0.3062	0.4989	0.6324	0.8639
6:59	0.3137	0.5200	0.6704	0.9300	0.3073	0.5009	0.6349	0.8676
7:00	0.3149	0.5220	0.6731	0.9340	0.3085	0.5028	0.6375	0.8713
7:01	0.3160	0.5240	0.6757	0.9379	0.3096	0.5047	0.6401	0.8750
7:02	0.3172	0.5261	0.6784	0.9419	0.3107	0.5067	0.6426	0.8787
7:03	0.3184	0.5281	0.6811	0.9458	0.3119	0.5086	0.6452	0.8824
7:04	0.3196	0.5301	0.6838	0.9498	0.3130	0.5106	0.6478	0.8862
7:05	0.3207	0.5322	0.6865	0.9538	0.3142	0.5125	0.6504	0.8899
7:06	0.3219	0.5342	0.6892	0.9578	0.3154	0.5145	0.6530	0.8937
7:07	0.3231	0.5362	0.6919	0.9618	0.3165	0.5165	0.6556	0.8974
7:08	0.3243	0.5383	0.6946	0.9658	0.3177	0.5185	0.6582	0.9012
7:09	0.3255	0.5404	0.6973	0.9698	0.3189	0.5204	0.6608	0.9050
7:10	0.3267	0.5424	0.7000	0.9738	0.3200	0.5224	0.6634	0.9088
7:11	0.3279	0.5445	0.7028	0.9779	0.3212	0.5244	0.6661	0.9126
7:12	0.3291	0.5466	0.7055	0.9819	0.3224	0.5264	0.6687	0.9164
7:13	0.3303	0.5486	0.7083	0.9860	0.3236	0.5284	0.6714	0.9203
7:14	0.3315	0.5507	0.7110	0.9900	0.3247	0.5304	0.6740	0.9241
7:15	0.3327	0.5528	0.7138	0.9941	0.3259	0.5324	0.6767	0.9280

7:16	0.3339	0.5549	0.7166	0.9982	0.3271	0.5345	0.6793	0.9318
7:17	0.3352	0.5570	0.7193	1.0023	0.3283	0.5365	0.6820	0.9357
7:18	0.3364	0.5591	0.7221	1.0065	0.3295	0.5385	0.6847	0.9396
7:19	0.3376	0.5613	0.7249	1.0106	0.3307	0.5406	0.6874	0.9435
7:20	0.3388	0.5634	0.7277	1.0147	0.3319	0.5426	0.6901	0.9474
7:21	0.3401	0.5655	0.7305	1.0189	0.3331	0.5446	0.6928	0.9513
7:22	0.3413	0.5676	0.7334	1.0230	0.3343	0.5467	0.6955	0.9552
7:23	0.3425	0.5698	0.7362	1.0272	0.3355	0.5488	0.6982	0.9592
7:24	0.3438	0.5719	0.7390	1.0314	0.3368	0.5508	0.7010	0.9631
7:25	0.3450	0.5741	0.7419	1.0356	0.3380	0.5529	0.7037	0.9671
7:26	0.3463	0.5762	0.7447	1.0398	0.3392	0.5550	0.7065	0.9710
7:27	0.3475	0.5784	0.7476	1.0441	0.3404	0.5571	0.7092	0.9750
7:28	0.3488	0.5806	0.7505	1.0483	0.3417	0.5591	0.7120	0.9790
7:29	0.3501	0.5828	0.7533	1.0525	0.3429	0.5612	0.7147	0.9830
7:30	0.3513	0.5849	0.7562	1.0568	0.3441	0.5633	0.7175	0.9870
7:31	0.3526	0.5871	0.7591	1.0611	0.3454	0.5655	0.7203	0.9911
7:32	0.3539	0.5893	0.7620	1.0654	0.3466	0.5676	0.7231	0.9951
7:33	0.3552	0.5915	0.7649	1.0697	0.3479	0.5697	0.7259	0.9992
7:34	0.3564	0.5937	0.7678	1.0740	0.3491	0.5718	0.7287	1.0032
7:35	0.3577	0.5960	0.7708	1.0783	0.3504	0.5740	0.7315	1.0073
7:36	0.3590	0.5982	0.7737	1.0826	0.3517	0.5761	0.7344	1.0114
7:37	0.3603	0.6004	0.7767	1.0870	0.3529	0.5782	0.7372	1.0155
7:38	0.3616	0.6026	0.7796	1.0913	0.3542	0.5804	0.7400	1.0196
7:39	0.3629	0.6049	0.7826	1.0957	0.3555	0.5826	0.7429	1.0237
7:40	0.3642	0.6071	0.7855	1.1001	0.3567	0.5847	0.7457	1.0279
7:41	0.3655	0.6094	0.7885	1.1045	0.3580	0.5869	0.7486	1.0320
7:42	0.3668	0.6117	0.7915	1.1089	0.3593	0.5891	0.7515	1.0362
7:43	0.3682	0.6139	0.7945	1.1134	0.3606	0.5913	0.7544	1.0404
7:44	0.3695	0.6162	0.7975	1.1178	0.3619	0.5935	0.7573	1.0446
7:45	0.3708	0.6185	0.8005	1.1223	0.3632	0.5957	0.7602	1.0488
7:46	0.3721	0.6208	0.8036	1.1267	0.3645	0.5979	0.7631	1.0530
7:47	0.3735	0.6231	0.8066	1.1312	0.3658	0.6001	0.7660	1.0572
7:48	0.3748	0.6254	0.8097	1.1357	0.3671	0.6023	0.7690	1.0615
7:49	0.3761	0.6277	0.8127	1.1402	0.3684	0.6045	0.7719	1.0657
7:50	0.3775	0.6300	0.8158	1.1448	0.3697	0.6068	0.7748	1.0700
7:51	0.3788	0.6323	0.8189	1.1493	0.3711	0.6090	0.7778	1.0743
7:52	0.3802	0.6347	0.8220	1.1538	0.3724	0.6113	0.7808	1.0786
7:53	0.3816	0.6370	0.8251	1.1584	0.3737	0.6135	0.7838	1.0829
7:54	0.3829	0.6394	0.8282	1.1630	0.3751	0.6158	0.7867	1.0872

7:55	0.3843	0.6417	0.8313	1.1676	0.3764	0.6180	0.7897	1.0915
7:56	0.3857	0.6441	0.8344	1.1722	0.3777	0.6203	0.7928	1.0959
7:57	0.3870	0.6465	0.8375	1.1768	0.3791	0.6226	0.7958	1.1003
7:58	0.3884	0.6489	0.8407	1.1815	0.3804	0.6249	0.7988	1.1046
7:59	0.3898	0.6512	0.8438	1.1861	0.3818	0.6272	0.8018	1.1090
8:00	0.3912	0.6536	0.8470	1.1908	0.3832	0.6295	0.8049	1.1134
8:01	0.3926	0.6560	0.8502	1.1955	0.3845	0.6318	0.8080	1.1179
8:02	0.3940	0.6585	0.8534	1.2002	0.3859	0.6342	0.8110	1.1223
8:03	0.3954	0.6609	0.8566	1.2049	0.3873	0.6365	0.8141	1.1267
8:04	0.3968	0.6633	0.8598	1.2096	0.3887	0.6388	0.8172	1.1312
8:05	0.3982	0.6657	0.8630	1.2144	0.3901	0.6412	0.8203	1.1357
8:06	0.3997	0.6682	0.8662	1.2192	0.3914	0.6435	0.8234	1.1402
8:07	0.4011	0.6706	0.8695	1.2239	0.3928	0.6459	0.8265	1.1447
8:08	0.4025	0.6731	0.8727	1.2287	0.3942	0.6483	0.8297	1.1492
8:09	0.4039	0.6756	0.8760	1.2336	0.3956	0.6506	0.8328	1.1538
8:10	0.4054	0.6781	0.8792	1.2384	0.3970	0.6530	0.8359	1.1583
8:11	0.4068	0.6805	0.8825	1.2432	0.3985	0.6554	0.8391	1.1629
8:12	0.4083	0.6830	0.8858	1.2481	0.3999	0.6578	0.8423	1.1675
8:13	0.4097	0.6855	0.8891	1.2530	0.4013	0.6602	0.8455	1.1721
8:14	0.4112	0.6881	0.8924	1.2579	0.4027	0.6627	0.8487	1.1767
8:15	0.4127	0.6906	0.8958	1.2628	0.4042	0.6651	0.8519	1.1814
8:16	0.4141	0.6931	0.8991	1.2677	0.4056	0.6675	0.8551	1.1860
8:17	0.4156	0.6956	0.9025	1.2727	0.4070	0.6700	0.8583	1.1907
8:18	0.4171	0.6982	0.9058	1.2776	0.4085	0.6724	0.8616	1.1954
8:19	0.4186	0.7008	0.9092	1.2826	0.4099	0.6749	0.8648	1.2001
8:20	0.4201	0.7033	0.9126	1.2876	0.4114	0.6774	0.8681	1.2048
8:21	0.4216	0.7059	0.9160	1.2926	0.4129	0.6799	0.8713	1.2095
8:22	0.4231	0.7085	0.9194	1.2977	0.4143	0.6823	0.8746	1.2143
8:23	0.4246	0.7111	0.9228	1.3027	0.4158	0.6848	0.8779	1.2191
8:24	0.4261	0.7137	0.9263	1.3078	0.4173	0.6874	0.8812	1.2238
8:25	0.4276	0.7163	0.9297	1.3129	0.4188	0.6899	0.8846	1.2287
8:26	0.4291	0.7189	0.9332	1.3180	0.4203	0.6924	0.8879	1.2335
8:27	0.4307	0.7216	0.9367	1.3231	0.4218	0.6949	0.8913	1.2383
8:28	0.4322	0.7242	0.9402	1.3283	0.4233	0.6975	0.8946	1.2432
8:29	0.4337	0.7268	0.9437	1.3335	0.4248	0.7001	0.8980	1.2481
8:30	0.4353	0.7295	0.9472	1.3386	0.4263	0.7026	0.9014	1.2530
8:31	0.4368	0.7322	0.9507	1.3439	0.4278	0.7052	0.9048	1.2579
8:32	0.4384	0.7349	0.9543	1.3491	0.4294	0.7078	0.9082	1.2628
8:33	0.4400	0.7375	0.9578	1.3543	0.4309	0.7104	0.9116	1.2677

8:34	0.4415	0.7402	0.9614	1.3596	0.4324	0.7130	0.9150	1.2727
8:35	0.4431	0.7430	0.9650	1.3649	0.4340	0.7156	0.9185	1.2777
8:36	0.4447	0.7457	0.9686	1.3702	0.4355	0.7182	0.9220	1.2827
8:37	0.4463	0.7484	0.9722	1.3755	0.4371	0.7209	0.9254	1.2877
8:38	0.4479	0.7512	0.9758	1.3809	0.4386	0.7235	0.9289	1.2928
8:39	0.4495	0.7539	0.9794	1.3863	0.4402	0.7262	0.9324	1.2979
8:40	0.4511	0.7567	0.9831	1.3916	0.4418	0.7289	0.9359	1.3030
8:41	0.4527	0.7595	0.9868	1.3971	0.4434	0.7315	0.9395	1.3081
8:42	0.4543	0.7623	0.9904	1.4025	0.4450	0.7342	0.9430	1.3132
8:43	0.4560	0.7651	0.9941	1.4079	0.4465	0.7369	0.9466	1.3183
8:44	0.4576	0.7679	0.9978	1.4134	0.4481	0.7396	0.9502	1.3235
8:45	0.4592	0.7707	1.0016	1.4189	0.4498	0.7424	0.9537	1.3287
8:46	0.4609	0.7735	1.0053	1.4244	0.4514	0.7451	0.9573	1.3339
8:47	0.4626	0.7764	1.0091	1.4300	0.4530	0.7478	0.9610	1.3391
8:48	0.4642	0.7792	1.0128	1.4355	0.4546	0.7506	0.9646	1.3444
8:49	0.4659	0.7821	1.0166	1.4411	0.4562	0.7534	0.9682	1.3497
8:50	0.4676	0.7850	1.0204	1.4467	0.4579	0.7561	0.9719	1.3550
8:51	0.4692	0.7879	1.0243	1.4524	0.4595	0.7589	0.9756	1.3603
8:52	0.4709	0.7908	1.0281	1.4580	0.4612	0.7617	0.9793	1.3656
8:53	0.4726	0.7937	1.0319	1.4637	0.4629	0.7645	0.9830	1.3710
8:54	0.4743	0.7966	1.0358	1.4694	0.4645	0.7674	0.9867	1.3764
8:55	0.4761	0.7996	1.0397	1.4751	0.4662	0.7702	0.9904	1.3818
8:56	0.4778	0.8025	1.0436	1.4809	0.4679	0.7730	0.9942	1.3872
8:57	0.4795	0.8055	1.0475	1.4867	0.4696	0.7759	0.9980	1.3927
8:58	0.4812	0.8085	1.0514	1.4925	0.4713	0.7788	1.0018	1.3981
8:59	0.4830	0.8115	1.0554	1.4983	0.4730	0.7817	1.0056	1.4036
9:00	0.4847	0.8145	1.0594	1.5041	0.4747	0.7846	1.0094	1.4092
9:01	0.4868	0.8183	1.0648	1.5130	0.4767	0.7883	1.0146	1.4174
9:02	0.4888	0.8221	1.0703	1.5219	0.4787	0.7920	1.0198	1.4257
9:03	0.4909	0.8260	1.0758	1.5309	0.4807	0.7958	1.0250	1.4340
9:04	0.4930	0.8299	1.0813	1.5398	0.4827	0.7996	1.0302	1.4424
9:05	0.4950	0.8337	1.0868	1.5488	0.4848	0.8034	1.0354	1.4508
9:06	0.4971	0.8376	1.0924	1.5579	0.4868	0.8072	1.0407	1.4592
9:07	0.4992	0.8416	1.0979	1.5670	0.4889	0.8110	1.0460	1.4677
9:08	0.5013	0.8455	1.1035	1.5761	0.4909	0.8149	1.0513	1.4762
9:09	0.5034	0.8494	1.1092	1.5852	0.4930	0.8187	1.0567	1.4847
9:10	0.5055	0.8534	1.1148	1.5944	0.4951	0.8226	1.0620	1.4932
9:11	0.5077	0.8574	1.1205	1.6036	0.4972	0.8265	1.0674	1.5018
9:12	0.5098	0.8614	1.1262	1.6129	0.4993	0.8304	1.0728	1.5105

9:13	0.5120	0.8654	1.1319	1.6222	0.5014	0.8343	1.0783	1.5191
9:14	0.5141	0.8694	1.1376	1.6315	0.5035	0.8383	1.0837	1.5278
9:15	0.5163	0.8735	1.1434	1.6409	0.5056	0.8422	1.0892	1.5365
9:16	0.5185	0.8776	1.1492	1.6503	0.5078	0.8462	1.0947	1.5453
9:17	0.5207	0.8817	1.1550	1.6597	0.5099	0.8502	1.1002	1.5541
9:18	0.5229	0.8858	1.1608	1.6692	0.5121	0.8542	1.1058	1.5630
9:19	0.5251	0.8899	1.1667	1.6788	0.5142	0.8582	1.1113	1.5718
9:20	0.5273	0.8940	1.1726	1.6883	0.5164	0.8623	1.1169	1.5808
9:21	0.5295	0.8982	1.1785	1.6979	0.5186	0.8664	1.1226	1.5897
9:22	0.5318	0.9024	1.1845	1.7076	0.5208	0.8705	1.1282	1.5987
9:23	0.5340	0.9066	1.1904	1.7173	0.5230	0.8746	1.1339	1.6078
9:24	0.5363	0.9108	1.1964	1.7270	0.5252	0.8787	1.1396	1.6168
9:25	0.5386	0.9151	1.2025	1.7368	0.5275	0.8828	1.1453	1.6259
9:26	0.5409	0.9193	1.2085	1.7466	0.5297	0.8870	1.1511	1.6351
9:27	0.5432	0.9236	1.2146	1.7565	0.5320	0.8912	1.1569	1.6443
9:28	0.5455	0.9279	1.2207	1.7664	0.5342	0.8954	1.1627	1.6535
9:29	0.5478	0.9322	1.2269	1.7763	0.5365	0.8996	1.1685	1.6628
9:30	0.5501	0.9366	1.2330	1.7863	0.5388	0.9039	1.1744	1.6721
9:31	0.5525	0.9409	1.2392	1.7963	0.5411	0.9082	1.1803	1.6815
9:32	0.5549	0.9453	1.2455	1.8064	0.5434	0.9125	1.1862	1.6909
9:33	0.5572	0.9497	1.2517	1.8166	0.5457	0.9168	1.1921	1.7003
9:34	0.5596	0.9542	1.2580	1.8267	0.5480	0.9211	1.1981	1.7098
9:35	0.5620	0.9586	1.2643	1.8369	0.5504	0.9254	1.2041	1.7194
9:36	0.5644	0.9631	1.2707	1.8472	0.5527	0.9298	1.2102	1.7289
9:37	0.5668	0.9676	1.2771	1.8575	0.5551	0.9342	1.2162	1.7386
9:38	0.5693	0.9721	1.2835	1.8679	0.5575	0.9386	1.2223	1.7482
9:39	0.5717	0.9767	1.2899	1.8783	0.5599	0.9431	1.2285	1.7580
9:40	0.5742	0.9813	1.2964	1.8888	0.5623	0.9476	1.2346	1.7677
9:41	0.5767	0.9859	1.3029	1.8993	0.5647	0.9520	1.2408	1.7776
9:42	0.5792	0.9905	1.3095	1.9098	0.5672	0.9566	1.2470	1.7874
9:43	0.5817	0.9951	1.3160	1.9205	0.5696	0.9611	1.2533	1.7973
9:44	0.5842	0.9998	1.3227	1.9311	0.5721	0.9657	1.2596	1.8073
9:45	0.5867	1.0045	1.3293	1.9419	0.5746	0.9702	1.2659	1.8173
9:46	0.5893	1.0092	1.3360	1.9526	0.5770	0.9749	1.2722	1.8274
9:47	0.5918	1.0140	1.3427	1.9635	0.5796	0.9795	1.2786	1.8375
9:48	0.5944	1.0187	1.3495	1.9743	0.5821	0.9842	1.2851	1.8476
9:49	0.5970	1.0235	1.3562	1.9853	0.5846	0.9888	1.2915	1.8579
9:50	0.5996	1.0284	1.3631	1.9963	0.5872	0.9936	1.2980	1.8681
9:51	0.6022	1.0332	1.3699	2.0073	0.5897	0.9983	1.3045	1.8785

9:52	0.6049	1.0381	1.3768	2.0184	0.5923	1.0031	1.3111	1.8888
9:53	0.6075	1.0430	1.3838	2.0296	0.5949	1.0079	1.3177	1.8993
9:54	0.6102	1.0479	1.3908	2.0408	0.5975	1.0127	1.3243	1.9098
9:55	0.6129	1.0529	1.3978	2.0521	0.6002	1.0176	1.3310	1.9203
9:56	0.6156	1.0579	1.4048	2.0635	0.6028	1.0224	1.3377	1.9309
9:57	0.6183	1.0629	1.4119	2.0749	0.6055	1.0273	1.3445	1.9416
9:58	0.6210	1.0680	1.4191	2.0864	0.6081	1.0323	1.3513	1.9523
9:59	0.6238	1.0731	1.4263	2.0979	0.6108	1.0373	1.3581	1.9631
10:00	0.6266	1.0782	1.4335	2.1095	0.6135	1.0423	1.3650	1.9740
10:01	0.6293	1.0834	1.4407	2.1212	0.6163	1.0473	1.3719	1.9849
10:02	0.6322	1.0885	1.4481	2.1329	0.6190	1.0523	1.3789	1.9958
10:03	0.6350	1.0938	1.4554	2.1447	0.6218	1.0574	1.3859	2.0069
10:04	0.6378	1.0990	1.4628	2.1566	0.6246	1.0626	1.3929	2.0180
10:05	0.6407	1.1043	1.4703	2.1685	0.6274	1.0677	1.4000	2.0292
10:06	0.6436	1.1096	1.4778	2.1805	0.6302	1.0729	1.4071	2.0404
10:07	0.6465	1.1149	1.4853	2.1926	0.6330	1.0781	1.4143	2.0517
10:08	0.6494	1.1203	1.4929	2.2048	0.6359	1.0834	1.4215	2.0631
10:09	0.6523	1.1257	1.5005	2.2170	0.6388	1.0887	1.4288	2.0745
10:10	0.6553	1.1312	1.5082	2.2293	0.6417	1.0940	1.4361	2.0860
10:11	0.6583	1.1367	1.5159	2.2416	0.6446	1.0994	1.4435	2.0976
10:12	0.6613	1.1422	1.5237	2.2541	0.6475	1.1048	1.4509	2.1092
10:13	0.6643	1.1478	1.5315	2.2666	0.6505	1.1102	1.4584	2.1210
10:14	0.6673	1.1534	1.5394	2.2792	0.6535	1.1157	1.4659	2.1328
10:15	0.6704	1.1590	1.5474	2.2919	0.6565	1.1212	1.4734	2.1446
10:16	0.6735	1.1647	1.5554	2.3047	0.6595	1.1268	1.4810	2.1566
10:17	0.6766	1.1704	1.5634	2.3175	0.6625	1.1324	1.4887	2.1686
10:18	0.6797	1.1762	1.5715	2.3305	0.6656	1.1380	1.4964	2.1807
10:19	0.6829	1.1820	1.5797	2.3435	0.6687	1.1437	1.5042	2.1929
10:20	0.6861	1.1878	1.5879	2.3566	0.6718	1.1494	1.5120	2.2052
10:21	0.6893	1.1937	1.5962	2.3698	0.6750	1.1551	1.5199	2.2176
10:22	0.6925	1.1997	1.6045	2.3831	0.6781	1.1609	1.5278	2.2300
10:23	0.6958	1.2057	1.6129	2.3965	0.6813	1.1668	1.5358	2.2426
10:24	0.6991	1.2117	1.6214	2.4100	0.6845	1.1727	1.5439	2.2552
10:25	0.7024	1.2178	1.6299	2.4235	0.6878	1.1786	1.5520	2.2679
10:26	0.7057	1.2239	1.6385	2.4372	0.6910	1.1846	1.5602	2.2807
10:27	0.7091	1.2300	1.6471	2.4509	0.6943	1.1906	1.5684	2.2936
10:28	0.7125	1.2363	1.6558	2.4648	0.6977	1.1967	1.5768	2.3066
10:29	0.7159	1.2425	1.6646	2.4788	0.7010	1.2028	1.5851	2.3197
10:30	0.7193	1.2489	1.6735	2.4928	0.7044	1.2089	1.5936	2.3329

10:31	0.7234	1.2565	1.6844	2.5114	0.7081	1.2164	1.6042	2.3502
10:32	0.7275	1.2641	1.6953	2.5300	0.7119	1.2239	1.6149	2.3676
10:33	0.7316	1.2718	1.7064	2.5488	0.7158	1.2315	1.6256	2.3851
10:34	0.7358	1.2796	1.7175	2.5677	0.7196	1.2391	1.6365	2.4027
10:35	0.7400	1.2875	1.7288	2.5867	0.7235	1.2468	1.6474	2.4205
10:36	0.7442	1.2954	1.7401	2.6059	0.7274	1.2546	1.6584	2.4383
10:37	0.7485	1.3033	1.7515	2.6251	0.7314	1.2624	1.6695	2.4563
10:38	0.7528	1.3114	1.7630	2.6445	0.7354	1.2703	1.6807	2.4745
10:39	0.7571	1.3195	1.7746	2.6641	0.7394	1.2783	1.6919	2.4927
10:40	0.7615	1.3277	1.7862	2.6838	0.7435	1.2863	1.7033	2.5111
10:41	0.7659	1.3359	1.7980	2.7036	0.7476	1.2944	1.7147	2.5296
10:42	0.7704	1.3442	1.8099	2.7236	0.7517	1.3025	1.7263	2.5483
10:43	0.7749	1.3526	1.8218	2.7437	0.7559	1.3108	1.7379	2.5671
10:44	0.7795	1.3611	1.8339	2.7640	0.7601	1.3191	1.7497	2.5861
10:45	0.7841	1.3696	1.8460	2.7844	0.7644	1.3274	1.7615	2.6052
10:46	0.7887	1.3782	1.8583	2.8050	0.7687	1.3359	1.7734	2.6244
10:47	0.7934	1.3869	1.8707	2.8257	0.7730	1.3444	1.7855	2.6438
10:48	0.7981	1.3957	1.8832	2.8466	0.7774	1.3530	1.7976	2.6634
10:49	0.8029	1.4046	1.8958	2.8677	0.7819	1.3617	1.8099	2.6831
10:50	0.8077	1.4135	1.9085	2.8889	0.7863	1.3705	1.8223	2.7030
10:51	0.8126	1.4226	1.9213	2.9103	0.7909	1.3794	1.8347	2.7230
10:52	0.8175	1.4317	1.9343	2.9319	0.7955	1.3883	1.8473	2.7433
10:53	0.8225	1.4409	1.9474	2.9537	0.8001	1.3974	1.8601	2.7637
10:54	0.8275	1.4502	1.9606	2.9757	0.8048	1.4065	1.8729	2.7842
10:55	0.8326	1.4596	1.9739	2.9978	0.8095	1.4157	1.8859	2.8050
10:56	0.8378	1.4691	1.9874	3.0202	0.8143	1.4250	1.8990	2.8259
10:57	0.8430	1.4787	2.0010	3.0427	0.8192	1.4345	1.9122	2.8471
10:58	0.8483	1.4885	2.0147	3.0655	0.8241	1.4440	1.9256	2.8684
10:59	0.8536	1.4983	2.0286	3.0884	0.8290	1.4536	1.9391	2.8900
11:00	0.8590	1.5082	2.0426	3.1116	0.8341	1.4634	1.9527	2.9117
11:01	0.8651	1.5195	2.0585	3.1369	0.8401	1.4744	1.9679	2.9355
11:02	0.8714	1.5309	2.0745	3.1625	0.8461	1.4855	1.9831	2.9596
11:03	0.8777	1.5424	2.0906	3.1883	0.8523	1.4968	1.9986	2.9838
11:04	0.8840	1.5541	2.1070	3.2144	0.8585	1.5081	2.0142	3.0083
11:05	0.8905	1.5659	2.1235	3.2407	0.8648	1.5197	2.0299	3.0331
11:06	0.8970	1.5778	2.1402	3.2673	0.8712	1.5313	2.0459	3.0580
11:07	0.9037	1.5899	2.1571	3.2941	0.8777	1.5431	2.0620	3.0833
11:08	0.9104	1.6021	2.1742	3.3212	0.8843	1.5550	2.0783	3.1088
11:09	0.9172	1.6145	2.1914	3.3486	0.8909	1.5671	2.0948	3.1346

11:10	0.9241	1.6271	2.2089	3.3763	0.8977	1.5794	2.1115	3.1607
11:11	0.9311	1.6398	2.2266	3.4042	0.9045	1.5918	2.1284	3.1870
11:12	0.9381	1.6526	2.2446	3.4325	0.9114	1.6043	2.1456	3.2137
11:13	0.9453	1.6657	2.2627	3.4611	0.9184	1.6170	2.1629	3.2406
11:14	0.9526	1.6789	2.2811	3.4900	0.9256	1.6299	2.1805	3.2679
11:15	0.9600	1.6923	2.2997	3.5193	0.9328	1.6430	2.1983	3.2955
11:16	0.9676	1.7059	2.3186	3.5489	0.9402	1.6563	2.2163	3.3235
11:17	0.9752	1.7197	2.3377	3.5789	0.9477	1.6698	2.2346	3.3518
11:18	0.9830	1.7337	2.3571	3.6092	0.9553	1.6834	2.2532	3.3804
11:19	0.9909	1.7479	2.3768	3.6400	0.9630	1.6973	2.2720	3.4095
11:20	0.9989	1.7624	2.3968	3.6711	0.9708	1.7114	2.2911	3.4389
11:21	1.0071	1.7771	2.4170	3.7027	0.9788	1.7257	2.3105	3.4688
11:22	1.0154	1.7920	2.4376	3.7347	0.9870	1.7403	2.3302	3.4991
11:23	1.0238	1.8072	2.4585	3.7671	0.9953	1.7551	2.3503	3.5298
11:24	1.0325	1.8226	2.4798	3.8000	1.0037	1.7702	2.3706	3.5610
11:25	1.0413	1.8383	2.5014	3.8334	1.0123	1.7855	2.3913	3.5926
11:26	1.0502	1.8544	2.5234	3.8674	1.0211	1.8012	2.4124	3.6248
11:27	1.0594	1.8707	2.5458	3.9018	1.0301	1.8171	2.4339	3.6575
11:28	1.0687	1.8873	2.5686	3.9369	1.0392	1.8333	2.4557	3.6907
11:29	1.0783	1.9043	2.5918	3.9725	1.0486	1.8499	2.4780	3.7245
11:30	1.0881	1.9216	2.6155	4.0087	1.0581	1.8668	2.5007	3.7589
11:31	1.1010	1.9422	2.6408	4.0431	1.0708	1.8865	2.5255	3.7924
11:32	1.1143	1.9631	2.6666	4.0781	1.0838	1.9065	2.5507	3.8265
11:33	1.1278	1.9845	2.6929	4.1139	1.0970	1.9270	2.5765	3.8614
11:34	1.1417	2.0064	2.7199	4.1504	1.1105	1.9480	2.6028	3.8970
11:35	1.1559	2.0288	2.7474	4.1877	1.1244	1.9694	2.6297	3.9333
11:36	1.1704	2.0517	2.7755	4.2259	1.1386	1.9914	2.6573	3.9705
11:37	1.1853	2.0751	2.8044	4.2650	1.1532	2.0139	2.6855	4.0086
11:38	1.2005	2.0992	2.8340	4.3050	1.1681	2.0370	2.7144	4.0477
11:39	1.2162	2.1239	2.8644	4.3461	1.1835	2.0607	2.7441	4.0878
11:40	1.2324	2.1493	2.8956	4.3883	1.1993	2.0851	2.7747	4.1290
11:41	1.2490	2.1755	2.9278	4.4317	1.2156	2.1102	2.8062	4.1713
11:42	1.2662	2.2024	2.9610	4.4764	1.2324	2.1361	2.8386	4.2150
11:43	1.2839	2.2303	2.9952	4.5225	1.2498	2.1628	2.8721	4.2600
11:44	1.3023	2.2591	3.0306	4.5702	1.2678	2.1906	2.9067	4.3066
11:45	1.3214	2.2890	3.0674	4.6196	1.2865	2.2193	2.9427	4.3548
11:46	1.3460	2.3262	3.1125	4.6766	1.3111	2.2553	2.9867	4.4113
11:47	1.3715	2.3648	3.1594	4.7357	1.3366	2.2926	3.0323	4.4699
11:48	1.3980	2.4049	3.2080	4.7973	1.3632	2.3314	3.0797	4.5308

11:49	1.4256	2.4466	3.2588	4.8614	1.3908	2.3719	3.1292	4.5943
11:50	1.4545	2.4903	3.3119	4.9287	1.4197	2.4142	3.1809	4.6609
11:51	1.4849	2.5363	3.3677	4.9994	1.4501	2.4588	3.2354	4.7309
11:52	1.5170	2.5848	3.4267	5.0743	1.4821	2.5058	3.2929	4.8050
11:53	1.5512	2.6364	3.4895	5.1540	1.5162	2.5559	3.3541	4.8839
11:54	1.5855	2.6979	3.5645	5.2501	1.5587	2.6176	3.4272	4.9780
11:55	1.6230	2.7641	3.6452	5.3536	1.6041	2.6837	3.5058	5.0795
11:56	1.6882	2.8524	3.7537	5.4931	1.6610	2.7679	3.6126	5.2193
11:57	1.7578	2.9476	3.8708	5.6439	1.7225	2.8591	3.7277	5.3701
11:58	1.8334	3.0529	4.0001	5.8108	1.7906	2.9605	3.8547	5.5367
11:59	1.9394	3.2129	4.1961	6.0668	1.8946	3.1185	4.0467	5.7887
12:00	2.0454	3.3729	4.3921	6.3228	1.9986	3.2765	4.2387	6.0407
12:01	2.1514	3.5329	4.5881	6.5788	2.1026	3.4345	4.4307	6.2927
12:02	2.2574	3.6929	4.7841	6.8348	2.2066	3.5925	4.6227	6.5447
12:03	2.3634	3.8529	4.9801	7.0908	2.3106	3.7505	4.8147	6.7967
12:04	2.4357	3.9527	5.1027	7.2488	2.3750	3.8462	4.9352	6.9546
12:05	2.5030	4.0441	5.2152	7.3936	2.4341	3.9337	5.0458	7.0995
12:06	2.5423	4.1131	5.2992	7.5014	2.4812	4.0025	5.1277	7.2053
12:07	2.5781	4.1768	5.3769	7.6010	2.5251	4.0662	5.2034	7.3028
12:08	2.6112	4.2364	5.4495	7.6940	2.5662	4.1259	5.2741	7.3939
12:09	2.6443	4.2864	5.5103	7.7712	2.5993	4.1745	5.3334	7.4703
12:10	2.6755	4.3336	5.5677	7.8439	2.6305	4.2202	5.3894	7.5423
12:11	2.7051	4.3783	5.6221	7.9128	2.6601	4.2636	5.4424	7.6105
12:12	2.7333	4.4210	5.6740	7.9785	2.6883	4.3050	5.4930	7.6755
12:13	2.7604	4.4619	5.7237	8.0413	2.7154	4.3446	5.5414	7.7377
12:14	2.7864	4.5012	5.7714	8.1016	2.7414	4.3826	5.5879	7.7974
12:15	2.8114	4.5391	5.8174	8.1596	2.7665	4.4193	5.6327	7.8549
12:16	2.8309	4.5695	5.8548	8.2099	2.7855	4.4486	5.6693	7.9040
12:17	2.8496	4.5989	5.8909	8.2584	2.8039	4.4768	5.7046	7.9514
12:18	2.8676	4.6272	5.9257	8.3053	2.8216	4.5040	5.7386	7.9972
12:19	2.8851	4.6546	5.9594	8.3507	2.8387	4.5304	5.7716	8.0415
12:20	2.9020	4.6812	5.9921	8.3947	2.8552	4.5559	5.8035	8.0845
12:21	2.9184	4.7070	6.0238	8.4375	2.8713	4.5806	5.8345	8.1263
12:22	2.9343	4.7320	6.0546	8.4792	2.8868	4.6046	5.8646	8.1669
12:23	2.9498	4.7564	6.0846	8.5197	2.9020	4.6280	5.8940	8.2064
12:24	2.9648	4.7802	6.1138	8.5593	2.9167	4.6508	5.9225	8.2450
12:25	2.9795	4.8033	6.1423	8.5979	2.9311	4.6730	5.9504	8.2827
12:26	2.9939	4.8260	6.1701	8.6356	2.9451	4.6947	5.9777	8.3195
12:27	3.0079	4.8481	6.1973	8.6725	2.9588	4.7159	6.0043	8.3554

12:28	3.0216	4.8697	6.2240	8.7086	2.9722	4.7366	6.0303	8.3906
12:29	3.0350	4.8909	6.2500	8.7440	2.9853	4.7569	6.0558	8.4251
12:30	3.0481	4.9117	6.2755	8.7787	2.9981	4.7768	6.0808	8.4589
12:31	3.0580	4.9292	6.2995	8.8153	3.0078	4.7939	6.1037	8.4937
12:32	3.0676	4.9463	6.3229	8.8512	3.0173	4.8106	6.1262	8.5278
12:33	3.0771	4.9631	6.3460	8.8865	3.0265	4.8270	6.1483	8.5613
12:34	3.0863	4.9796	6.3685	8.9213	3.0356	4.8431	6.1699	8.5942
12:35	3.0954	4.9958	6.3907	8.9555	3.0445	4.8589	6.1912	8.6267
12:36	3.1043	5.0117	6.4125	8.9891	3.0531	4.8744	6.2121	8.6586
12:37	3.1130	5.0272	6.4340	9.0223	3.0617	4.8896	6.2326	8.6900
12:38	3.1215	5.0426	6.4551	9.0550	3.0700	4.9045	6.2528	8.7209
12:39	3.1299	5.0576	6.4758	9.0872	3.0782	4.9192	6.2727	8.7514
12:40	3.1382	5.0724	6.4963	9.1190	3.0863	4.9337	6.2922	8.7815
12:41	3.1463	5.0870	6.5164	9.1503	3.0942	4.9479	6.3115	8.8111
12:42	3.1542	5.1013	6.5362	9.1813	3.1020	4.9619	6.3305	8.8404
12:43	3.1620	5.1154	6.5558	9.2118	3.1097	4.9756	6.3491	8.8692
12:44	3.1697	5.1293	6.5750	9.2420	3.1172	4.9892	6.3676	8.8977
12:45	3.1773	5.1430	6.5940	9.2718	3.1246	5.0026	6.3857	8.9258
12:46	3.1848	5.1565	6.6128	9.3012	3.1319	5.0157	6.4037	8.9536
12:47	3.1921	5.1698	6.6313	9.3303	3.1391	5.0287	6.4214	8.9810
12:48	3.1994	5.1830	6.6495	9.3591	3.1462	5.0415	6.4388	9.0082
12:49	3.2065	5.1959	6.6676	9.3875	3.1532	5.0542	6.4560	9.0350
12:50	3.2136	5.2087	6.6854	9.4156	3.1601	5.0667	6.4731	9.0615
12:51	3.2205	5.2213	6.7030	9.4434	3.1669	5.0790	6.4899	9.0877
12:52	3.2273	5.2338	6.7203	9.4710	3.1735	5.0911	6.5065	9.1136
12:53	3.2341	5.2461	6.7375	9.4982	3.1801	5.1032	6.5229	9.1393
12:54	3.2407	5.2582	6.7545	9.5252	3.1867	5.1150	6.5391	9.1646
12:55	3.2473	5.2702	6.7713	9.5519	3.1931	5.1267	6.5551	9.1898
12:56	3.2538	5.2821	6.7879	9.5783	3.1994	5.1383	6.5710	9.2146
12:57	3.2602	5.2938	6.8043	9.6045	3.2057	5.1498	6.5867	9.2393
12:58	3.2666	5.3054	6.8206	9.6304	3.2119	5.1611	6.6022	9.2636
12:59	3.2728	5.3169	6.8367	9.6561	3.2180	5.1723	6.6176	9.2878
13:00	3.2790	5.3282	6.8526	9.6816	3.2241	5.1833	6.6327	9.3117
13:01	3.2845	5.3382	6.8667	9.7049	3.2291	5.1931	6.6465	9.3336
13:02	3.2898	5.3481	6.8807	9.7280	3.2341	5.2028	6.6601	9.3552
13:03	3.2951	5.3579	6.8945	9.7508	3.2391	5.2124	6.6735	9.3767
13:04	3.3004	5.3675	6.9082	9.7735	3.2440	5.2219	6.6868	9.3979
13:05	3.3055	5.3771	6.9217	9.7959	3.2488	5.2313	6.7000	9.4189
13:06	3.3107	5.3866	6.9351	9.8182	3.2535	5.2405	6.7130	9.4398

13:07	3.3157	5.3959	6.9484	9.8402	3.2583	5.2497	6.7259	9.4605
13:08	3.3207	5.4052	6.9615	9.8621	3.2629	5.2588	6.7387	9.4809
13:09	3.3257	5.4144	6.9745	9.8838	3.2675	5.2678	6.7514	9.5013
13:10	3.3306	5.4234	6.9874	9.9053	3.2721	5.2767	6.7639	9.5214
13:11	3.3355	5.4324	7.0002	9.9266	3.2766	5.2855	6.7763	9.5414
13:12	3.3403	5.4413	7.0128	9.9478	3.2811	5.2943	6.7886	9.5612
13:13	3.3450	5.4502	7.0254	9.9688	3.2855	5.3029	6.8009	9.5808
13:14	3.3497	5.4589	7.0378	9.9896	3.2898	5.3115	6.8130	9.6003
13:15	3.3544	5.4676	7.0501	10.0102	3.2942	5.3200	6.8249	9.6196
13:16	3.3590	5.4761	7.0624	10.0307	3.2985	5.3284	6.8368	9.6388
13:17	3.3636	5.4846	7.0745	10.0511	3.3027	5.3367	6.8486	9.6578
13:18	3.3681	5.4931	7.0865	10.0713	3.3069	5.3450	6.8603	9.6767
13:19	3.3726	5.5014	7.0984	10.0913	3.3111	5.3532	6.8719	9.6954
13:20	3.3770	5.5097	7.1102	10.1112	3.3152	5.3613	6.8834	9.7140
13:21	3.3814	5.5179	7.1219	10.1310	3.3193	5.3694	6.8948	9.7325
13:22	3.3858	5.5260	7.1336	10.1506	3.3233	5.3774	6.9061	9.7508
13:23	3.3901	5.5341	7.1451	10.1701	3.3273	5.3853	6.9173	9.7690
13:24	3.3944	5.5421	7.1565	10.1894	3.3313	5.3931	6.9285	9.7871
13:25	3.3987	5.5501	7.1679	10.2087	3.3352	5.4009	6.9395	9.8050
13:26	3.4029	5.5579	7.1792	10.2278	3.3391	5.4086	6.9505	9.8228
13:27	3.4070	5.5658	7.1904	10.2467	3.3430	5.4163	6.9614	9.8405
13:28	3.4112	5.5735	7.2015	10.2655	3.3468	5.4239	6.9722	9.8581
13:29	3.4153	5.5812	7.2125	10.2843	3.3506	5.4315	6.9829	9.8755
13:30	3.4194	5.5888	7.2234	10.3028	3.3544	5.4390	6.9935	9.8929
13:31	3.4228	5.5952	7.2323	10.3170	3.3578	5.4452	7.0020	9.9061
13:32	3.4263	5.6015	7.2411	10.3310	3.3612	5.4513	7.0104	9.9193
13:33	3.4297	5.6077	7.2499	10.3449	3.3645	5.4574	7.0188	9.9323
13:34	3.4331	5.6139	7.2586	10.3587	3.3678	5.4635	7.0270	9.9453
13:35	3.4364	5.6200	7.2672	10.3724	3.3711	5.4695	7.0352	9.9581
13:36	3.4397	5.6261	7.2757	10.3860	3.3743	5.4754	7.0434	9.9709
13:37	3.4430	5.6322	7.2842	10.3995	3.3776	5.4813	7.0515	9.9835
13:38	3.4463	5.6382	7.2926	10.4130	3.3808	5.4872	7.0595	9.9961
13:39	3.4496	5.6441	7.3010	10.4263	3.3839	5.4930	7.0675	10.0086
13:40	3.4528	5.6500	7.3093	10.4395	3.3871	5.4988	7.0754	10.0210
13:41	3.4560	5.6559	7.3176	10.4527	3.3902	5.5045	7.0832	10.0333
13:42	3.4592	5.6617	7.3258	10.4657	3.3933	5.5102	7.0910	10.0456
13:43	3.4623	5.6675	7.3339	10.4787	3.3964	5.5159	7.0988	10.0577
13:44	3.4654	5.6733	7.3420	10.4916	3.3995	5.5215	7.1065	10.0698
13:45	3.4685	5.6790	7.3500	10.5044	3.4025	5.5270	7.1141	10.0818

13:46	3.4716	5.6846	7.3580	10.5171	3.4055	5.5326	7.1217	10.0937
13:47	3.4747	5.6903	7.3659	10.5298	3.4085	5.5381	7.1293	10.1056
13:48	3.4777	5.6958	7.3737	10.5424	3.4115	5.5435	7.1367	10.1173
13:49	3.4807	5.7014	7.3815	10.5549	3.4144	5.5489	7.1442	10.1290
13:50	3.4837	5.7069	7.3893	10.5673	3.4174	5.5543	7.1516	10.1406
13:51	3.4867	5.7124	7.3970	10.5796	3.4203	5.5597	7.1589	10.1522
13:52	3.4896	5.7178	7.4047	10.5919	3.4232	5.5650	7.1662	10.1636
13:53	3.4926	5.7232	7.4123	10.6041	3.4260	5.5703	7.1734	10.1750
13:54	3.4955	5.7286	7.4198	10.6162	3.4289	5.5755	7.1806	10.1864
13:55	3.4984	5.7339	7.4274	10.6282	3.4317	5.5807	7.1878	10.1976
13:56	3.5012	5.7392	7.4348	10.6402	3.4345	5.5859	7.1949	10.2088
13:57	3.5041	5.7445	7.4422	10.6521	3.4373	5.5910	7.2020	10.2200
13:58	3.5069	5.7497	7.4496	10.6639	3.4401	5.5961	7.2090	10.2310
13:59	3.5097	5.7549	7.4570	10.6757	3.4428	5.6012	7.2160	10.2420
14:00	3.5125	5.7601	7.4642	10.6874	3.4456	5.6063	7.2229	10.2530
14:01	3.5153	5.7652	7.4715	10.6990	3.4483	5.6113	7.2298	10.2639
14:02	3.5181	5.7703	7.4787	10.7106	3.4510	5.6163	7.2367	10.2747
14:03	3.5208	5.7754	7.4859	10.7221	3.4537	5.6212	7.2435	10.2854
14:04	3.5235	5.7804	7.4930	10.7335	3.4564	5.6262	7.2502	10.2961
14:05	3.5262	5.7854	7.5001	10.7449	3.4590	5.6311	7.2570	10.3068
14:06	3.5289	5.7904	7.5071	10.7562	3.4617	5.6359	7.2637	10.3174
14:07	3.5316	5.7954	7.5141	10.7675	3.4643	5.6408	7.2703	10.3279
14:08	3.5343	5.8003	7.5211	10.7787	3.4669	5.6456	7.2770	10.3383
14:09	3.5369	5.8052	7.5280	10.7898	3.4695	5.6504	7.2835	10.3488
14:10	3.5396	5.8100	7.5349	10.8009	3.4720	5.6551	7.2901	10.3591
14:11	3.5422	5.8149	7.5417	10.8119	3.4746	5.6599	7.2966	10.3694
14:12	3.5448	5.8197	7.5485	10.8229	3.4771	5.6646	7.3031	10.3797
14:13	3.5473	5.8245	7.5553	10.8338	3.4797	5.6692	7.3095	10.3898
14:14	3.5499	5.8292	7.5620	10.8447	3.4822	5.6739	7.3159	10.4000
14:15	3.5525	5.8340	7.5687	10.8555	3.4847	5.6785	7.3223	10.4101
14:16	3.5550	5.8387	7.5754	10.8662	3.4872	5.6831	7.3286	10.4201
14:17	3.5575	5.8434	7.5820	10.8769	3.4896	5.6877	7.3349	10.4301
14:18	3.5600	5.8480	7.5886	10.8876	3.4921	5.6922	7.3412	10.4400
14:19	3.5625	5.8527	7.5952	10.8981	3.4945	5.6968	7.3474	10.4499
14:20	3.5650	5.8573	7.6017	10.9087	3.4970	5.7013	7.3537	10.4598
14:21	3.5675	5.8618	7.6082	10.9192	3.4994	5.7058	7.3598	10.4696
14:22	3.5700	5.8664	7.6147	10.9296	3.5018	5.7102	7.3660	10.4793
14:23	3.5724	5.8709	7.6211	10.9400	3.5042	5.7146	7.3721	10.4890
14:24	3.5748	5.8755	7.6275	10.9503	3.5066	5.7191	7.3782	10.4987

14:25	3.5772	5.8799	7.6339	10.9606	3.5089	5.7234	7.3842	10.5083
14:26	3.5796	5.8844	7.6402	10.9709	3.5113	5.7278	7.3902	10.5178
14:27	3.5820	5.8889	7.6465	10.9811	3.5136	5.7322	7.3962	10.5273
14:28	3.5844	5.8933	7.6528	10.9912	3.5159	5.7365	7.4022	10.5368
14:29	3.5868	5.8977	7.6590	11.0013	3.5183	5.7408	7.4081	10.5462
14:30	3.5891	5.9021	7.6652	11.0114	3.5206	5.7451	7.4140	10.5556
14:31	3.5915	5.9064	7.6714	11.0214	3.5229	5.7493	7.4199	10.5650
14:32	3.5938	5.9108	7.6776	11.0314	3.5251	5.7536	7.4258	10.5743
14:33	3.5961	5.9151	7.6837	11.0413	3.5274	5.7578	7.4316	10.5835
14:34	3.5984	5.9194	7.6898	11.0512	3.5297	5.7620	7.4374	10.5927
14:35	3.6007	5.9236	7.6959	11.0610	3.5319	5.7662	7.4431	10.6019
14:36	3.6030	5.9279	7.7019	11.0708	3.5342	5.7703	7.4489	10.6110
14:37	3.6053	5.9321	7.7079	11.0805	3.5364	5.7745	7.4546	10.6201
14:38	3.6075	5.9363	7.7139	11.0903	3.5386	5.7786	7.4603	10.6292
14:39	3.6098	5.9405	7.7199	11.0999	3.5408	5.7827	7.4659	10.6382
14:40	3.6120	5.9447	7.7258	11.1096	3.5430	5.7868	7.4716	10.6472
14:41	3.6143	5.9488	7.7317	11.1191	3.5452	5.7908	7.4772	10.6561
14:42	3.6165	5.9530	7.7376	11.1287	3.5473	5.7949	7.4828	10.6650
14:43	3.6187	5.9571	7.7435	11.1382	3.5495	5.7989	7.4883	10.6739
14:44	3.6209	5.9612	7.7493	11.1477	3.5516	5.8029	7.4939	10.6827
14:45	3.6231	5.9653	7.7551	11.1571	3.5538	5.8069	7.4994	10.6915
14:46	3.6253	5.9693	7.7609	11.1665	3.5559	5.8108	7.5049	10.7003
14:47	3.6274	5.9734	7.7666	11.1758	3.5580	5.8148	7.5103	10.7090
14:48	3.6296	5.9774	7.7724	11.1852	3.5601	5.8187	7.5158	10.7177
14:49	3.6317	5.9814	7.7781	11.1944	3.5622	5.8226	7.5212	10.7263
14:50	3.6339	5.9854	7.7838	11.2037	3.5643	5.8265	7.5266	10.7349
14:51	3.6360	5.9894	7.7894	11.2129	3.5664	5.8304	7.5320	10.7435
14:52	3.6381	5.9933	7.7951	11.2221	3.5685	5.8343	7.5373	10.7520
14:53	3.6402	5.9973	7.8007	11.2312	3.5705	5.8381	7.5427	10.7605
14:54	3.6423	6.0012	7.8063	11.2403	3.5726	5.8420	7.5480	10.7690
14:55	3.6444	6.0051	7.8118	11.2493	3.5746	5.8458	7.5533	10.7775
14:56	3.6465	6.0090	7.8174	11.2584	3.5767	5.8496	7.5585	10.7859
14:57	3.6486	6.0129	7.8229	11.2674	3.5787	5.8534	7.5638	10.7942
14:58	3.6506	6.0167	7.8284	11.2763	3.5807	5.8572	7.5690	10.8026
14:59	3.6527	6.0206	7.8339	11.2852	3.5827	5.8609	7.5742	10.8109
15:00	3.6547	6.0244	7.8393	11.2941	3.5847	5.8646	7.5794	10.8192
15:01	3.6565	6.0274	7.8433	11.3000	3.5865	5.8675	7.5832	10.8247
15:02	3.6582	6.0304	7.8473	11.3058	3.5882	5.8704	7.5870	10.8302
15:03	3.6600	6.0334	7.8512	11.3116	3.5899	5.8733	7.5908	10.8357

15:04	3.6617	6.0364	7.8551	11.3174	3.5916	5.8762	7.5946	10.8412
15:05	3.6634	6.0393	7.8590	11.3232	3.5932	5.8790	7.5983	10.8466
15:06	3.6652	6.0423	7.8629	11.3289	3.5949	5.8819	7.6021	10.8520
15:07	3.6669	6.0452	7.8668	11.3346	3.5966	5.8847	7.6058	10.8574
15:08	3.6686	6.0481	7.8707	11.3403	3.5983	5.8875	7.6095	10.8628
15:09	3.6703	6.0511	7.8745	11.3460	3.5999	5.8903	7.6132	10.8682
15:10	3.6719	6.0540	7.8783	11.3516	3.6016	5.8931	7.6169	10.8735
15:11	3.6736	6.0568	7.8822	11.3573	3.6032	5.8959	7.6206	10.8788
15:12	3.6753	6.0597	7.8860	11.3629	3.6049	5.8987	7.6243	10.8841
15:13	3.6770	6.0626	7.8897	11.3684	3.6065	5.9014	7.6279	10.8893
15:14	3.6786	6.0654	7.8935	11.3740	3.6081	5.9042	7.6315	10.8946
15:15	3.6803	6.0683	7.8972	11.3795	3.6097	5.9069	7.6351	10.8998
15:16	3.6819	6.0711	7.9010	11.3850	3.6113	5.9097	7.6387	10.9050
15:17	3.6836	6.0739	7.9047	11.3905	3.6129	5.9124	7.6423	10.9102
15:18	3.6852	6.0767	7.9084	11.3960	3.6145	5.9151	7.6459	10.9153
15:19	3.6868	6.0795	7.9121	11.4014	3.6161	5.9178	7.6494	10.9205
15:20	3.6884	6.0823	7.9158	11.4068	3.6177	5.9204	7.6530	10.9256
15:21	3.6901	6.0851	7.9194	11.4122	3.6193	5.9231	7.6565	10.9307
15:22	3.6917	6.0878	7.9231	11.4176	3.6209	5.9258	7.6600	10.9358
15:23	3.6933	6.0906	7.9267	11.4230	3.6224	5.9284	7.6635	10.9408
15:24	3.6949	6.0933	7.9303	11.4283	3.6240	5.9311	7.6670	10.9459
15:25	3.6964	6.0961	7.9339	11.4336	3.6255	5.9337	7.6705	10.9509
15:26	3.6980	6.0988	7.9375	11.4389	3.6271	5.9363	7.6739	10.9559
15:27	3.6996	6.1015	7.9411	11.4442	3.6286	5.9389	7.6774	10.9609
15:28	3.7012	6.1042	7.9446	11.4495	3.6302	5.9415	7.6808	10.9658
15:29	3.7027	6.1069	7.9482	11.4547	3.6317	5.9441	7.6842	10.9708
15:30	3.7043	6.1096	7.9517	11.4599	3.6332	5.9467	7.6876	10.9757
15:31	3.7058	6.1122	7.9553	11.4651	3.6347	5.9493	7.6910	10.9806
15:32	3.7074	6.1149	7.9588	11.4703	3.6362	5.9518	7.6944	10.9855
15:33	3.7089	6.1175	7.9623	11.4755	3.6378	5.9544	7.6977	10.9904
15:34	3.7105	6.1202	7.9657	11.4806	3.6393	5.9569	7.7011	10.9952
15:35	3.7120	6.1228	7.9692	11.4857	3.6408	5.9594	7.7044	11.0000
15:36	3.7135	6.1254	7.9727	11.4908	3.6422	5.9620	7.7078	11.0048
15:37	3.7150	6.1280	7.9761	11.4959	3.6437	5.9645	7.7111	11.0096
15:38	3.7165	6.1306	7.9796	11.5010	3.6452	5.9670	7.7144	11.0144
15:39	3.7180	6.1332	7.9830	11.5060	3.6467	5.9695	7.7177	11.0192
15:40	3.7195	6.1358	7.9864	11.5111	3.6481	5.9720	7.7210	11.0239
15:41	3.7210	6.1384	7.9898	11.5161	3.6496	5.9744	7.7242	11.0287
15:42	3.7225	6.1409	7.9932	11.5211	3.6511	5.9769	7.7275	11.0334

15:43	3.7240	6.1435	7.9965	11.5260	3.6525	5.9794	7.7307	11.0381
15:44	3.7255	6.1460	7.9999	11.5310	3.6540	5.9818	7.7340	11.0427
15:45	3.7270	6.1486	8.0032	11.5359	3.6554	5.9843	7.7372	11.0474
15:46	3.7284	6.1511	8.0066	11.5409	3.6568	5.9867	7.7404	11.0521
15:47	3.7299	6.1536	8.0099	11.5458	3.6583	5.9891	7.7436	11.0567
15:48	3.7313	6.1561	8.0132	11.5507	3.6597	5.9915	7.7468	11.0613
15:49	3.7328	6.1586	8.0165	11.5555	3.6611	5.9940	7.7500	11.0659
15:50	3.7342	6.1611	8.0198	11.5604	3.6625	5.9964	7.7531	11.0705
15:51	3.7357	6.1636	8.0231	11.5652	3.6640	5.9987	7.7563	11.0750
15:52	3.7371	6.1661	8.0264	11.5701	3.6654	6.0011	7.7595	11.0796
15:53	3.7386	6.1685	8.0296	11.5749	3.6668	6.0035	7.7626	11.0841
15:54	3.7400	6.1710	8.0329	11.5797	3.6682	6.0059	7.7657	11.0886
15:55	3.7414	6.1735	8.0361	11.5844	3.6696	6.0082	7.7688	11.0931
15:56	3.7428	6.1759	8.0393	11.5892	3.6709	6.0106	7.7719	11.0976
15:57	3.7442	6.1783	8.0425	11.5939	3.6723	6.0129	7.7750	11.1021
15:58	3.7456	6.1807	8.0457	11.5987	3.6737	6.0153	7.7781	11.1066
15:59	3.7470	6.1832	8.0489	11.6034	3.6751	6.0176	7.7812	11.1110
16:00	3.7484	6.1856	8.0521	11.6081	3.6764	6.0199	7.7842	11.1154
16:01	3.7498	6.1880	8.0553	11.6127	3.6778	6.0222	7.7873	11.1199
16:02	3.7512	6.1904	8.0584	11.6174	3.6792	6.0245	7.7903	11.1243
16:03	3.7526	6.1928	8.0616	11.6221	3.6805	6.0268	7.7933	11.1286
16:04	3.7540	6.1951	8.0647	11.6267	3.6819	6.0291	7.7964	11.1330
16:05	3.7554	6.1975	8.0678	11.6313	3.6832	6.0314	7.7994	11.1374
16:06	3.7567	6.1999	8.0710	11.6359	3.6846	6.0337	7.8024	11.1417
16:07	3.7581	6.2022	8.0741	11.6405	3.6859	6.0359	7.8054	11.1460
16:08	3.7595	6.2046	8.0772	11.6451	3.6872	6.0382	7.8083	11.1504
16:09	3.7608	6.2069	8.0803	11.6497	3.6886	6.0404	7.8113	11.1547
16:10	3.7622	6.2092	8.0833	11.6542	3.6899	6.0427	7.8143	11.1590
16:11	3.7635	6.2116	8.0864	11.6587	3.6912	6.0449	7.8172	11.1632
16:12	3.7649	6.2139	8.0895	11.6633	3.6925	6.0472	7.8202	11.1675
16:13	3.7662	6.2162	8.0925	11.6678	3.6938	6.0494	7.8231	11.1717
16:14	3.7675	6.2185	8.0956	11.6723	3.6951	6.0516	7.8261	11.1760
16:15	3.7689	6.2208	8.0986	11.6767	3.6964	6.0538	7.8290	11.1802
16:16	3.7702	6.2231	8.1016	11.6812	3.6977	6.0560	7.8319	11.1844
16:17	3.7715	6.2254	8.1046	11.6857	3.6990	6.0582	7.8348	11.1886
16:18	3.7728	6.2276	8.1076	11.6901	3.7003	6.0604	7.8377	11.1928
16:19	3.7742	6.2299	8.1106	11.6945	3.7016	6.0626	7.8406	11.1970
16:20	3.7755	6.2322	8.1136	11.6989	3.7029	6.0648	7.8434	11.2011
16:21	3.7768	6.2344	8.1166	11.7033	3.7042	6.0669	7.8463	11.2053

16:22	3.7781	6.2367	8.1196	11.7077	3.7055	6.0691	7.8492	11.2094
16:23	3.7794	6.2389	8.1225	11.7121	3.7067	6.0713	7.8520	11.2135
16:24	3.7807	6.2411	8.1255	11.7164	3.7080	6.0734	7.8549	11.2176
16:25	3.7820	6.2434	8.1284	11.7208	3.7093	6.0755	7.8577	11.2217
16:26	3.7833	6.2456	8.1313	11.7251	3.7105	6.0777	7.8605	11.2258
16:27	3.7845	6.2478	8.1343	11.7294	3.7118	6.0798	7.8633	11.2299
16:28	3.7858	6.2500	8.1372	11.7337	3.7130	6.0819	7.8661	11.2339
16:29	3.7871	6.2522	8.1401	11.7380	3.7143	6.0841	7.8689	11.2380
16:30	3.7884	6.2544	8.1430	11.7423	3.7155	6.0862	7.8717	11.2420
16:31	3.7896	6.2566	8.1459	11.7466	3.7168	6.0883	7.8745	11.2461
16:32	3.7909	6.2588	8.1488	11.7508	3.7180	6.0904	7.8773	11.2501
16:33	3.7922	6.2609	8.1516	11.7551	3.7192	6.0925	7.8800	11.2541
16:34	3.7934	6.2631	8.1545	11.7593	3.7205	6.0946	7.8828	11.2581
16:35	3.7947	6.2653	8.1574	11.7635	3.7217	6.0966	7.8855	11.2620
16:36	3.7959	6.2674	8.1602	11.7677	3.7229	6.0987	7.8883	11.2660
16:37	3.7972	6.2696	8.1630	11.7719	3.7241	6.1008	7.8910	11.2700
16:38	3.7984	6.2717	8.1659	11.7761	3.7254	6.1028	7.8937	11.2739
16:39	3.7997	6.2738	8.1687	11.7803	3.7266	6.1049	7.8965	11.2778
16:40	3.8009	6.2760	8.1715	11.7844	3.7278	6.1070	7.8992	11.2818
16:41	3.8021	6.2781	8.1743	11.7886	3.7290	6.1090	7.9019	11.2857
16:42	3.8034	6.2802	8.1771	11.7927	3.7302	6.1110	7.9046	11.2896
16:43	3.8046	6.2823	8.1799	11.7969	3.7314	6.1131	7.9073	11.2935
16:44	3.8058	6.2844	8.1827	11.8010	3.7326	6.1151	7.9099	11.2973
16:45	3.8070	6.2865	8.1855	11.8051	3.7338	6.1171	7.9126	11.3012
16:46	3.8082	6.2886	8.1882	11.8092	3.7350	6.1191	7.9153	11.3051
16:47	3.8094	6.2907	8.1910	11.8132	3.7362	6.1212	7.9179	11.3089
16:48	3.8107	6.2928	8.1938	11.8173	3.7373	6.1232	7.9206	11.3128
16:49	3.8119	6.2949	8.1965	11.8214	3.7385	6.1252	7.9232	11.3166
16:50	3.8131	6.2970	8.1992	11.8254	3.7397	6.1272	7.9259	11.3204
16:51	3.8143	6.2990	8.2020	11.8295	3.7409	6.1292	7.9285	11.3242
16:52	3.8154	6.3011	8.2047	11.8335	3.7420	6.1311	7.9311	11.3280
16:53	3.8166	6.3032	8.2074	11.8375	3.7432	6.1331	7.9337	11.3318
16:54	3.8178	6.3052	8.2101	11.8415	3.7444	6.1351	7.9363	11.3355
16:55	3.8190	6.3072	8.2128	11.8455	3.7455	6.1371	7.9389	11.3393
16:56	3.8202	6.3093	8.2155	11.8495	3.7467	6.1390	7.9415	11.3430
16:57	3.8214	6.3113	8.2182	11.8534	3.7478	6.1410	7.9441	11.3468
16:58	3.8226	6.3133	8.2209	11.8574	3.7490	6.1429	7.9467	11.3505
16:59	3.8237	6.3154	8.2236	11.8613	3.7501	6.1449	7.9493	11.3542
17:00	3.8249	6.3174	8.2262	11.8653	3.7513	6.1468	7.9518	11.3579

17:01	3.8261	6.3194	8.2289	11.8692	3.7524	6.1488	7.9544	11.3616
17:02	3.8272	6.3214	8.2315	11.8731	3.7536	6.1507	7.9570	11.3653
17:03	3.8284	6.3234	8.2342	11.8770	3.7547	6.1526	7.9595	11.3690
17:04	3.8295	6.3254	8.2368	11.8809	3.7558	6.1545	7.9620	11.3727
17:05	3.8307	6.3274	8.2395	11.8848	3.7570	6.1565	7.9646	11.3764
17:06	3.8318	6.3294	8.2421	11.8887	3.7581	6.1584	7.9671	11.3800
17:07	3.8330	6.3314	8.2447	11.8926	3.7592	6.1603	7.9696	11.3837
17:08	3.8341	6.3333	8.2473	11.8964	3.7603	6.1622	7.9721	11.3873
17:09	3.8353	6.3353	8.2499	11.9003	3.7615	6.1641	7.9746	11.3909
17:10	3.8364	6.3373	8.2525	11.9041	3.7626	6.1660	7.9771	11.3946
17:11	3.8376	6.3392	8.2551	11.9080	3.7637	6.1679	7.9796	11.3982
17:12	3.8387	6.3412	8.2577	11.9118	3.7648	6.1697	7.9821	11.4018
17:13	3.8398	6.3432	8.2603	11.9156	3.7659	6.1716	7.9846	11.4054
17:14	3.8409	6.3451	8.2629	11.9194	3.7670	6.1735	7.9871	11.4089
17:15	3.8421	6.3470	8.2654	11.9232	3.7681	6.1754	7.9896	11.4125
17:16	3.8432	6.3490	8.2680	11.9270	3.7692	6.1772	7.9920	11.4161
17:17	3.8443	6.3509	8.2705	11.9307	3.7703	6.1791	7.9945	11.4196
17:18	3.8454	6.3528	8.2731	11.9345	3.7714	6.1809	7.9969	11.4232
17:19	3.8465	6.3548	8.2756	11.9382	3.7725	6.1828	7.9994	11.4267
17:20	3.8476	6.3567	8.2782	11.9420	3.7736	6.1846	8.0018	11.4302
17:21	3.8488	6.3586	8.2807	11.9457	3.7746	6.1865	8.0042	11.4338
17:22	3.8499	6.3605	8.2832	11.9495	3.7757	6.1883	8.0067	11.4373
17:23	3.8510	6.3624	8.2857	11.9532	3.7768	6.1901	8.0091	11.4408
17:24	3.8521	6.3643	8.2882	11.9569	3.7779	6.1920	8.0115	11.4443
17:25	3.8532	6.3662	8.2907	11.9606	3.7789	6.1938	8.0139	11.4478
17:26	3.8542	6.3681	8.2932	11.9643	3.7800	6.1956	8.0163	11.4512
17:27	3.8553	6.3700	8.2957	11.9680	3.7811	6.1974	8.0187	11.4547
17:28	3.8564	6.3718	8.2982	11.9716	3.7822	6.1992	8.0211	11.4582
17:29	3.8575	6.3737	8.3007	11.9753	3.7832	6.2010	8.0235	11.4616
17:30	3.8586	6.3756	8.3032	11.9790	3.7843	6.2028	8.0259	11.4651
17:31	3.8597	6.3775	8.3056	11.9826	3.7853	6.2046	8.0282	11.4685
17:32	3.8608	6.3793	8.3081	11.9862	3.7864	6.2064	8.0306	11.4719
17:33	3.8618	6.3812	8.3106	11.9899	3.7874	6.2082	8.0330	11.4753
17:34	3.8629	6.3830	8.3130	11.9935	3.7885	6.2100	8.0353	11.4788
17:35	3.8640	6.3849	8.3154	11.9971	3.7895	6.2118	8.0377	11.4822
17:36	3.8650	6.3867	8.3179	12.0007	3.7906	6.2135	8.0400	11.4856
17:37	3.8661	6.3886	8.3203	12.0043	3.7916	6.2153	8.0424	11.4889
17:38	3.8672	6.3904	8.3227	12.0079	3.7927	6.2171	8.0447	11.4923
17:39	3.8682	6.3922	8.3252	12.0115	3.7937	6.2188	8.0470	11.4957

17:40	3.8693	6.3941	8.3276	12.0150	3.7947	6.2206	8.0494	11.4991
17:41	3.8703	6.3959	8.3300	12.0186	3.7958	6.2223	8.0517	11.5024
17:42	3.8714	6.3977	8.3324	12.0222	3.7968	6.2241	8.0540	11.5058
17:43	3.8724	6.3995	8.3348	12.0257	3.7978	6.2258	8.0563	11.5091
17:44	3.8735	6.4013	8.3372	12.0292	3.7988	6.2276	8.0586	11.5124
17:45	3.8745	6.4031	8.3396	12.0328	3.7999	6.2293	8.0609	11.5158
17:46	3.8756	6.4049	8.3420	12.0363	3.8009	6.2311	8.0632	11.5191
17:47	3.8766	6.4067	8.3443	12.0398	3.8019	6.2328	8.0655	11.5224
17:48	3.8777	6.4085	8.3467	12.0433	3.8029	6.2345	8.0678	11.5257
17:49	3.8787	6.4103	8.3491	12.0468	3.8039	6.2362	8.0700	11.5290
17:50	3.8797	6.4121	8.3514	12.0503	3.8049	6.2380	8.0723	11.5323
17:51	3.8808	6.4139	8.3538	12.0538	3.8060	6.2397	8.0746	11.5356
17:52	3.8818	6.4157	8.3561	12.0573	3.8070	6.2414	8.0768	11.5388
17:53	3.8828	6.4174	8.3585	12.0607	3.8080	6.2431	8.0791	11.5421
17:54	3.8838	6.4192	8.3608	12.0642	3.8090	6.2448	8.0813	11.5454
17:55	3.8849	6.4210	8.3632	12.0676	3.8100	6.2465	8.0836	11.5486
17:56	3.8859	6.4227	8.3655	12.0711	3.8110	6.2482	8.0858	11.5519
17:57	3.8869	6.4245	8.3678	12.0745	3.8120	6.2499	8.0881	11.5551
17:58	3.8879	6.4262	8.3701	12.0780	3.8130	6.2516	8.0903	11.5583
17:59	3.8889	6.4280	8.3724	12.0814	3.8139	6.2532	8.0925	11.5615
18:00	3.8899	6.4297	8.3747	12.0848	3.8149	6.2549	8.0948	11.5648
18:01	3.8909	6.4313	8.3767	12.0875	3.8159	6.2564	8.0966	11.5673
18:02	3.8918	6.4328	8.3787	12.0902	3.8168	6.2579	8.0985	11.5698
18:03	3.8927	6.4344	8.3806	12.0929	3.8177	6.2594	8.1003	11.5723
18:04	3.8937	6.4359	8.3826	12.0955	3.8186	6.2608	8.1022	11.5748
18:05	3.8946	6.4374	8.3846	12.0982	3.8195	6.2623	8.1040	11.5773
18:06	3.8955	6.4389	8.3865	12.1009	3.8204	6.2638	8.1059	11.5798
18:07	3.8965	6.4405	8.3885	12.1035	3.8213	6.2652	8.1077	11.5822
18:08	3.8974	6.4420	8.3904	12.1062	3.8222	6.2667	8.1095	11.5847
18:09	3.8983	6.4435	8.3923	12.1088	3.8231	6.2681	8.1114	11.5872
18:10	3.8992	6.4450	8.3943	12.1115	3.8240	6.2696	8.1132	11.5896
18:11	3.9001	6.4465	8.3962	12.1141	3.8249	6.2710	8.1150	11.5921
18:12	3.9011	6.4480	8.3981	12.1168	3.8258	6.2725	8.1168	11.5945
18:13	3.9020	6.4495	8.4001	12.1194	3.8267	6.2739	8.1187	11.5970
18:14	3.9029	6.4510	8.4020	12.1220	3.8276	6.2754	8.1205	11.5994
18:15	3.9038	6.4525	8.4039	12.1246	3.8285	6.2768	8.1223	11.6019
18:16	3.9047	6.4540	8.4058	12.1272	3.8294	6.2783	8.1241	11.6043
18:17	3.9056	6.4555	8.4077	12.1298	3.8303	6.2797	8.1259	11.6067
18:18	3.9065	6.4570	8.4096	12.1324	3.8312	6.2811	8.1277	11.6091

18:19	3.9074	6.4584	8.4115	12.1350	3.8321	6.2825	8.1295	11.6115
18:20	3.9083	6.4599	8.4134	12.1376	3.8330	6.2840	8.1312	11.6140
18:21	3.9092	6.4614	8.4153	12.1402	3.8338	6.2854	8.1330	11.6164
18:22	3.9101	6.4629	8.4172	12.1427	3.8347	6.2868	8.1348	11.6188
18:23	3.9110	6.4643	8.4190	12.1453	3.8356	6.2882	8.1366	11.6211
18:24	3.9119	6.4658	8.4209	12.1479	3.8365	6.2896	8.1383	11.6235
18:25	3.9128	6.4672	8.4228	12.1504	3.8373	6.2910	8.1401	11.6259
18:26	3.9137	6.4687	8.4247	12.1530	3.8382	6.2924	8.1419	11.6283
18:27	3.9146	6.4702	8.4265	12.1555	3.8391	6.2938	8.1436	11.6307
18:28	3.9154	6.4716	8.4284	12.1581	3.8399	6.2952	8.1454	11.6330
18:29	3.9163	6.4731	8.4302	12.1606	3.8408	6.2966	8.1471	11.6354
18:30	3.9172	6.4745	8.4321	12.1631	3.8417	6.2980	8.1489	11.6378
18:31	3.9181	6.4759	8.4339	12.1657	3.8425	6.2994	8.1506	11.6401
18:32	3.9190	6.4774	8.4358	12.1682	3.8434	6.3008	8.1524	11.6425
18:33	3.9198	6.4788	8.4376	12.1707	3.8443	6.3022	8.1541	11.6448
18:34	3.9207	6.4803	8.4395	12.1732	3.8451	6.3036	8.1558	11.6471
18:35	3.9216	6.4817	8.4413	12.1757	3.8460	6.3049	8.1576	11.6495
18:36	3.9224	6.4831	8.4431	12.1782	3.8468	6.3063	8.1593	11.6518
18:37	3.9233	6.4845	8.4449	12.1807	3.8477	6.3077	8.1610	11.6541
18:38	3.9242	6.4860	8.4468	12.1832	3.8485	6.3091	8.1627	11.6564
18:39	3.9250	6.4874	8.4486	12.1857	3.8494	6.3104	8.1645	11.6587
18:40	3.9259	6.4888	8.4504	12.1881	3.8502	6.3118	8.1662	11.6611
18:41	3.9268	6.4902	8.4522	12.1906	3.8511	6.3132	8.1679	11.6634
18:42	3.9276	6.4916	8.4540	12.1931	3.8519	6.3145	8.1696	11.6657
18:43	3.9285	6.4930	8.4558	12.1955	3.8527	6.3159	8.1713	11.6679
18:44	3.9293	6.4944	8.4576	12.1980	3.8536	6.3172	8.1730	11.6702
18:45	3.9302	6.4958	8.4594	12.2005	3.8544	6.3186	8.1747	11.6725
18:46	3.9310	6.4972	8.4612	12.2029	3.8553	6.3199	8.1764	11.6748
18:47	3.9319	6.4986	8.4630	12.2053	3.8561	6.3213	8.1781	11.6771
18:48	3.9327	6.5000	8.4648	12.2078	3.8569	6.3226	8.1797	11.6793
18:49	3.9336	6.5014	8.4666	12.2102	3.8577	6.3240	8.1814	11.6816
18:50	3.9344	6.5028	8.4683	12.2126	3.8586	6.3253	8.1831	11.6839
18:51	3.9353	6.5042	8.4701	12.2151	3.8594	6.3266	8.1848	11.6861
18:52	3.9361	6.5056	8.4719	12.2175	3.8602	6.3280	8.1864	11.6884
18:53	3.9370	6.5069	8.4736	12.2199	3.8611	6.3293	8.1881	11.6906
18:54	3.9378	6.5083	8.4754	12.2223	3.8619	6.3306	8.1898	11.6928
18:55	3.9386	6.5097	8.4772	12.2247	3.8627	6.3319	8.1914	11.6951
18:56	3.9395	6.5111	8.4789	12.2271	3.8635	6.3333	8.1931	11.6973
18:57	3.9403	6.5124	8.4807	12.2295	3.8643	6.3346	8.1947	11.6995

18:58	3.9411	6.5138	8.4824	12.2319	3.8652	6.3359	8.1964	11.7018
18:59	3.9420	6.5152	8.4842	12.2343	3.8660	6.3372	8.1980	11.7040
19:00	3.9428	6.5165	8.4859	12.2366	3.8668	6.3385	8.1997	11.7062
19:01	3.9436	6.5179	8.4877	12.2390	3.8676	6.3398	8.2013	11.7084
19:02	3.9445	6.5192	8.4894	12.2414	3.8684	6.3411	8.2030	11.7106
19:03	3.9453	6.5206	8.4911	12.2437	3.8692	6.3424	8.2046	11.7128
19:04	3.9461	6.5219	8.4929	12.2461	3.8700	6.3437	8.2062	11.7150
19:05	3.9469	6.5233	8.4946	12.2485	3.8708	6.3450	8.2079	11.7172
19:06	3.9477	6.5246	8.4963	12.2508	3.8716	6.3463	8.2095	11.7194
19:07	3.9486	6.5260	8.4980	12.2532	3.8724	6.3476	8.2111	11.7216
19:08	3.9494	6.5273	8.4997	12.2555	3.8732	6.3489	8.2127	11.7238
19:09	3.9502	6.5286	8.5015	12.2578	3.8740	6.3502	8.2144	11.7259
19:10	3.9510	6.5300	8.5032	12.2602	3.8748	6.3515	8.2160	11.7281
19:11	3.9518	6.5313	8.5049	12.2625	3.8756	6.3528	8.2176	11.7303
19:12	3.9526	6.5326	8.5066	12.2648	3.8764	6.3541	8.2192	11.7324
19:13	3.9534	6.5340	8.5083	12.2671	3.8772	6.3553	8.2208	11.7346
19:14	3.9543	6.5353	8.5100	12.2695	3.8780	6.3566	8.2224	11.7367
19:15	3.9551	6.5366	8.5117	12.2718	3.8788	6.3579	8.2240	11.7389
19:16	3.9559	6.5379	8.5134	12.2741	3.8796	6.3592	8.2256	11.7410
19:17	3.9567	6.5392	8.5150	12.2764	3.8804	6.3604	8.2272	11.7432
19:18	3.9575	6.5406	8.5167	12.2787	3.8811	6.3617	8.2288	11.7453
19:19	3.9583	6.5419	8.5184	12.2810	3.8819	6.3630	8.2303	11.7475
19:20	3.9591	6.5432	8.5201	12.2833	3.8827	6.3642	8.2319	11.7496
19:21	3.9599	6.5445	8.5218	12.2855	3.8835	6.3655	8.2335	11.7517
19:22	3.9607	6.5458	8.5234	12.2878	3.8843	6.3667	8.2351	11.7538
19:23	3.9615	6.5471	8.5251	12.2901	3.8850	6.3680	8.2367	11.7560
19:24	3.9622	6.5484	8.5268	12.2924	3.8858	6.3692	8.2382	11.7581
19:25	3.9630	6.5497	8.5284	12.2946	3.8866	6.3705	8.2398	11.7602
19:26	3.9638	6.5510	8.5301	12.2969	3.8874	6.3717	8.2414	11.7623
19:27	3.9646	6.5523	8.5317	12.2992	3.8881	6.3730	8.2429	11.7644
19:28	3.9654	6.5536	8.5334	12.3014	3.8889	6.3742	8.2445	11.7665
19:29	3.9662	6.5549	8.5350	12.3037	3.8897	6.3755	8.2460	11.7686
19:30	3.9670	6.5561	8.5367	12.3059	3.8905	6.3767	8.2476	11.7707
19:31	3.9678	6.5574	8.5383	12.3081	3.8912	6.3780	8.2491	11.7728
19:32	3.9685	6.5587	8.5400	12.3104	3.8920	6.3792	8.2507	11.7748
19:33	3.9693	6.5600	8.5416	12.3126	3.8928	6.3804	8.2522	11.7769
19:34	3.9701	6.5613	8.5433	12.3148	3.8935	6.3816	8.2538	11.7790
19:35	3.9709	6.5625	8.5449	12.3171	3.8943	6.3829	8.2553	11.7811
19:36	3.9717	6.5638	8.5465	12.3193	3.8950	6.3841	8.2569	11.7831

19:37	3.9724	6.5651	8.5481	12.3215	3.8958	6.3853	8.2584	11.7852
19:38	3.9732	6.5663	8.5498	12.3237	3.8966	6.3865	8.2599	11.7873
19:39	3.9740	6.5676	8.5514	12.3259	3.8973	6.3878	8.2615	11.7893
19:40	3.9747	6.5689	8.5530	12.3281	3.8981	6.3890	8.2630	11.7914
19:41	3.9755	6.5701	8.5546	12.3303	3.8988	6.3902	8.2645	11.7934
19:42	3.9763	6.5714	8.5562	12.3325	3.8996	6.3914	8.2660	11.7955
19:43	3.9770	6.5727	8.5578	12.3347	3.9003	6.3926	8.2675	11.7975
19:44	3.9778	6.5739	8.5594	12.3369	3.9011	6.3938	8.2691	11.7995
19:45	3.9786	6.5752	8.5610	12.3391	3.9018	6.3950	8.2706	11.8016
19:46	3.9793	6.5764	8.5626	12.3413	3.9026	6.3962	8.2721	11.8036
19:47	3.9801	6.5777	8.5642	12.3435	3.9033	6.3974	8.2736	11.8056
19:48	3.9808	6.5789	8.5658	12.3456	3.9041	6.3986	8.2751	11.8077
19:49	3.9816	6.5801	8.5674	12.3478	3.9048	6.3998	8.2766	11.8097
19:50	3.9824	6.5814	8.5690	12.3500	3.9055	6.4010	8.2781	11.8117
19:51	3.9831	6.5826	8.5706	12.3521	3.9063	6.4022	8.2796	11.8137
19:52	3.9839	6.5839	8.5722	12.3543	3.9070	6.4034	8.2811	11.8157
19:53	3.9846	6.5851	8.5738	12.3565	3.9078	6.4046	8.2826	11.8177
19:54	3.9854	6.5863	8.5753	12.3586	3.9085	6.4058	8.2841	11.8197
19:55	3.9861	6.5876	8.5769	12.3608	3.9092	6.4070	8.2856	11.8217
19:56	3.9869	6.5888	8.5785	12.3629	3.9100	6.4082	8.2870	11.8237
19:57	3.9876	6.5900	8.5801	12.3650	3.9107	6.4093	8.2885	11.8257
19:58	3.9884	6.5912	8.5816	12.3672	3.9114	6.4105	8.2900	11.8277
19:59	3.9891	6.5925	8.5832	12.3693	3.9122	6.4117	8.2915	11.8297
20:00	3.9899	6.5937	8.5848	12.3714	3.9129	6.4129	8.2929	11.8317
20:01	3.9906	6.5949	8.5863	12.3736	3.9136	6.4141	8.2944	11.8336
20:02	3.9913	6.5961	8.5879	12.3757	3.9143	6.4152	8.2959	11.8356
20:03	3.9921	6.5973	8.5894	12.3778	3.9151	6.4164	8.2974	11.8376
20:04	3.9928	6.5985	8.5910	12.3799	3.9158	6.4176	8.2988	11.8395
20:05	3.9936	6.5997	8.5925	12.3820	3.9165	6.4187	8.3003	11.8415
20:06	3.9943	6.6010	8.5941	12.3841	3.9172	6.4199	8.3017	11.8435
20:07	3.9950	6.6022	8.5956	12.3862	3.9180	6.4211	8.3032	11.8454
20:08	3.9958	6.6034	8.5972	12.3883	3.9187	6.4222	8.3046	11.8474
20:09	3.9965	6.6046	8.5987	12.3904	3.9194	6.4234	8.3061	11.8493
20:10	3.9972	6.6058	8.6002	12.3925	3.9201	6.4245	8.3075	11.8513
20:11	3.9979	6.6070	8.6018	12.3946	3.9208	6.4257	8.3090	11.8532
20:12	3.9987	6.6082	8.6033	12.3967	3.9215	6.4268	8.3104	11.8552
20:13	3.9994	6.6094	8.6048	12.3988	3.9223	6.4280	8.3119	11.8571
20:14	4.0001	6.6105	8.6064	12.4009	3.9230	6.4291	8.3133	11.8590
20:15	4.0009	6.6117	8.6079	12.4030	3.9237	6.4303	8.3148	11.8610

20:16	4.0016	6.6129	8.6094	12.4050	3.9244	6.4314	8.3162	11.8629
20:17	4.0023	6.6141	8.6109	12.4071	3.9251	6.4326	8.3176	11.8648
20:18	4.0030	6.6153	8.6124	12.4092	3.9258	6.4337	8.3190	11.8667
20:19	4.0037	6.6165	8.6139	12.4112	3.9265	6.4348	8.3205	11.8686
20:20	4.0045	6.6177	8.6155	12.4133	3.9272	6.4360	8.3219	11.8706
20:21	4.0052	6.6188	8.6170	12.4153	3.9279	6.4371	8.3233	11.8725
20:22	4.0059	6.6200	8.6185	12.4174	3.9286	6.4382	8.3247	11.8744
20:23	4.0066	6.6212	8.6200	12.4194	3.9293	6.4394	8.3262	11.8763
20:24	4.0073	6.6224	8.6215	12.4215	3.9300	6.4405	8.3276	11.8782
20:25	4.0080	6.6235	8.6230	12.4235	3.9307	6.4416	8.3290	11.8801
20:26	4.0088	6.6247	8.6245	12.4255	3.9314	6.4428	8.3304	11.8820
20:27	4.0095	6.6259	8.6260	12.4276	3.9321	6.4439	8.3318	11.8839
20:28	4.0102	6.6270	8.6275	12.4296	3.9328	6.4450	8.3332	11.8858
20:29	4.0109	6.6282	8.6289	12.4316	3.9335	6.4461	8.3346	11.8876
20:30	4.0116	6.6293	8.6304	12.4337	3.9342	6.4472	8.3360	11.8895
20:31	4.0123	6.6305	8.6319	12.4357	3.9349	6.4484	8.3374	11.8914
20:32	4.0130	6.6317	8.6334	12.4377	3.9356	6.4495	8.3388	11.8933
20:33	4.0137	6.6328	8.6349	12.4397	3.9363	6.4506	8.3402	11.8952
20:34	4.0144	6.6340	8.6364	12.4417	3.9370	6.4517	8.3416	11.8970
20:35	4.0151	6.6351	8.6378	12.4437	3.9376	6.4528	8.3430	11.8989
20:36	4.0158	6.6363	8.6393	12.4457	3.9383	6.4539	8.3444	11.9008
20:37	4.0165	6.6374	8.6408	12.4477	3.9390	6.4550	8.3458	11.9026
20:38	4.0172	6.6386	8.6422	12.4497	3.9397	6.4561	8.3471	11.9045
20:39	4.0179	6.6397	8.6437	12.4517	3.9404	6.4572	8.3485	11.9063
20:40	4.0186	6.6409	8.6452	12.4537	3.9411	6.4583	8.3499	11.9082
20:41	4.0193	6.6420	8.6466	12.4557	3.9417	6.4594	8.3513	11.9100
20:42	4.0200	6.6431	8.6481	12.4577	3.9424	6.4605	8.3527	11.9119
20:43	4.0207	6.6443	8.6495	12.4597	3.9431	6.4616	8.3540	11.9137
20:44	4.0214	6.6454	8.6510	12.4617	3.9438	6.4627	8.3554	11.9156
20:45	4.0221	6.6465	8.6524	12.4636	3.9445	6.4638	8.3568	11.9174
20:46	4.0228	6.6477	8.6539	12.4656	3.9451	6.4649	8.3581	11.9192
20:47	4.0235	6.6488	8.6553	12.4676	3.9458	6.4660	8.3595	11.9211
20:48	4.0241	6.6499	8.6568	12.4695	3.9465	6.4671	8.3609	11.9229
20:49	4.0248	6.6511	8.6582	12.4715	3.9472	6.4682	8.3622	11.9247
20:50	4.0255	6.6522	8.6597	12.4735	3.9478	6.4692	8.3636	11.9266
20:51	4.0262	6.6533	8.6611	12.4754	3.9485	6.4703	8.3649	11.9284
20:52	4.0269	6.6544	8.6625	12.4774	3.9492	6.4714	8.3663	11.9302
20:53	4.0276	6.6555	8.6640	12.4793	3.9498	6.4725	8.3676	11.9320
20:54	4.0282	6.6567	8.6654	12.4813	3.9505	6.4736	8.3690	11.9338

20:55	4.0289	6.6578	8.6668	12.4832	3.9512	6.4746	8.3703	11.9356
20:56	4.0296	6.6589	8.6683	12.4852	3.9519	6.4757	8.3717	11.9374
20:57	4.0303	6.6600	8.6697	12.4871	3.9525	6.4768	8.3730	11.9392
20:58	4.0310	6.6611	8.6711	12.4890	3.9532	6.4779	8.3744	11.9410
20:59	4.0316	6.6622	8.6725	12.4910	3.9538	6.4789	8.3757	11.9428
21:00	4.0323	6.6633	8.6739	12.4929	3.9545	6.4800	8.3770	11.9446
21:01	4.0330	6.6644	8.6754	12.4948	3.9552	6.4811	8.3784	11.9464
21:02	4.0337	6.6655	8.6768	12.4968	3.9558	6.4821	8.3797	11.9482
21:03	4.0343	6.6666	8.6782	12.4987	3.9565	6.4832	8.3810	11.9500
21:04	4.0350	6.6677	8.6796	12.5006	3.9571	6.4842	8.3824	11.9518
21:05	4.0357	6.6688	8.6810	12.5025	3.9578	6.4853	8.3837	11.9536
21:06	4.0363	6.6699	8.6824	12.5044	3.9585	6.4864	8.3850	11.9553
21:07	4.0370	6.6710	8.6838	12.5063	3.9591	6.4874	8.3863	11.9571
21:08	4.0377	6.6721	8.6852	12.5082	3.9598	6.4885	8.3877	11.9589
21:09	4.0384	6.6732	8.6866	12.5101	3.9604	6.4895	8.3890	11.9607
21:10	4.0390	6.6743	8.6880	12.5120	3.9611	6.4906	8.3903	11.9624
21:11	4.0397	6.6754	8.6894	12.5139	3.9617	6.4916	8.3916	11.9642
21:12	4.0403	6.6765	8.6908	12.5158	3.9624	6.4927	8.3929	11.9660
21:13	4.0410	6.6776	8.6922	12.5177	3.9630	6.4937	8.3942	11.9677
21:14	4.0417	6.6787	8.6936	12.5196	3.9637	6.4948	8.3955	11.9695
21:15	4.0423	6.6797	8.6950	12.5215	3.9643	6.4958	8.3968	11.9712
21:16	4.0430	6.6808	8.6964	12.5234	3.9650	6.4969	8.3982	11.9730
21:17	4.0436	6.6819	8.6977	12.5253	3.9656	6.4979	8.3995	11.9747
21:18	4.0443	6.6830	8.6991	12.5272	3.9663	6.4989	8.4008	11.9765
21:19	4.0450	6.6841	8.7005	12.5290	3.9669	6.5000	8.4021	11.9782
21:20	4.0456	6.6851	8.7019	12.5309	3.9675	6.5010	8.4034	11.9800
21:21	4.0463	6.6862	8.7032	12.5328	3.9682	6.5020	8.4047	11.9817
21:22	4.0469	6.6873	8.7046	12.5346	3.9688	6.5031	8.4059	11.9834
21:23	4.0476	6.6884	8.7060	12.5365	3.9695	6.5041	8.4072	11.9852
21:24	4.0482	6.6894	8.7074	12.5384	3.9701	6.5051	8.4085	11.9869
21:25	4.0489	6.6905	8.7087	12.5402	3.9707	6.5062	8.4098	11.9886
21:26	4.0495	6.6916	8.7101	12.5421	3.9714	6.5072	8.4111	11.9904
21:27	4.0502	6.6926	8.7114	12.5439	3.9720	6.5082	8.4124	11.9921
21:28	4.0508	6.6937	8.7128	12.5458	3.9727	6.5092	8.4137	11.9938
21:29	4.0515	6.6947	8.7142	12.5476	3.9733	6.5103	8.4149	11.9955
21:30	4.0521	6.6958	8.7155	12.5495	3.9739	6.5113	8.4162	11.9972
21:31	4.0528	6.6969	8.7169	12.5513	3.9746	6.5123	8.4175	11.9990
21:32	4.0534	6.6979	8.7182	12.5532	3.9752	6.5133	8.4188	12.0007
21:33	4.0541	6.6990	8.7196	12.5550	3.9758	6.5143	8.4201	12.0024

21:34	4.0547	6.7000	8.7209	12.5568	3.9764	6.5154	8.4213	12.0041
21:35	4.0553	6.7011	8.7223	12.5587	3.9771	6.5164	8.4226	12.0058
21:36	4.0560	6.7021	8.7236	12.5605	3.9777	6.5174	8.4239	12.0075
21:37	4.0566	6.7032	8.7250	12.5623	3.9783	6.5184	8.4251	12.0092
21:38	4.0573	6.7042	8.7263	12.5642	3.9790	6.5194	8.4264	12.0109
21:39	4.0579	6.7053	8.7276	12.5660	3.9796	6.5204	8.4277	12.0126
21:40	4.0585	6.7063	8.7290	12.5678	3.9802	6.5214	8.4289	12.0143
21:41	4.0592	6.7074	8.7303	12.5696	3.9808	6.5224	8.4302	12.0160
21:42	4.0598	6.7084	8.7317	12.5714	3.9815	6.5234	8.4314	12.0176
21:43	4.0604	6.7095	8.7330	12.5732	3.9821	6.5244	8.4327	12.0193
21:44	4.0611	6.7105	8.7343	12.5750	3.9827	6.5254	8.4339	12.0210
21:45	4.0617	6.7115	8.7356	12.5769	3.9833	6.5264	8.4352	12.0227
21:46	4.0623	6.7126	8.7370	12.5787	3.9839	6.5274	8.4364	12.0244
21:47	4.0630	6.7136	8.7383	12.5805	3.9846	6.5284	8.4377	12.0260
21:48	4.0636	6.7146	8.7396	12.5823	3.9852	6.5294	8.4389	12.0277
21:49	4.0642	6.7157	8.7409	12.5841	3.9858	6.5304	8.4402	12.0294
21:50	4.0649	6.7167	8.7423	12.5858	3.9864	6.5314	8.4414	12.0310
21:51	4.0655	6.7177	8.7436	12.5876	3.9870	6.5324	8.4427	12.0327
21:52	4.0661	6.7188	8.7449	12.5894	3.9876	6.5334	8.4439	12.0344
21:53	4.0667	6.7198	8.7462	12.5912	3.9883	6.5344	8.4451	12.0360
21:54	4.0674	6.7208	8.7475	12.5930	3.9889	6.5354	8.4464	12.0377
21:55	4.0680	6.7218	8.7488	12.5948	3.9895	6.5364	8.4476	12.0393
21:56	4.0686	6.7228	8.7501	12.5966	3.9901	6.5373	8.4488	12.0410
21:57	4.0692	6.7239	8.7514	12.5983	3.9907	6.5383	8.4501	12.0426
21:58	4.0699	6.7249	8.7527	12.6001	3.9913	6.5393	8.4513	12.0443
21:59	4.0705	6.7259	8.7540	12.6019	3.9919	6.5403	8.4525	12.0459
22:00	4.0711	6.7269	8.7553	12.6036	3.9925	6.5413	8.4538	12.0476
22:01	4.0717	6.7279	8.7566	12.6054	3.9931	6.5422	8.4550	12.0492
22:02	4.0723	6.7290	8.7579	12.6072	3.9937	6.5432	8.4562	12.0509
22:03	4.0730	6.7300	8.7592	12.6089	3.9944	6.5442	8.4574	12.0525
22:04	4.0736	6.7310	8.7605	12.6107	3.9950	6.5452	8.4586	12.0541
22:05	4.0742	6.7320	8.7618	12.6125	3.9956	6.5461	8.4599	12.0558
22:06	4.0748	6.7330	8.7631	12.6142	3.9962	6.5471	8.4611	12.0574
22:07	4.0754	6.7340	8.7644	12.6160	3.9968	6.5481	8.4623	12.0590
22:08	4.0760	6.7350	8.7657	12.6177	3.9974	6.5491	8.4635	12.0607
22:09	4.0766	6.7360	8.7670	12.6195	3.9980	6.5500	8.4647	12.0623
22:10	4.0772	6.7370	8.7683	12.6212	3.9986	6.5510	8.4659	12.0639
22:11	4.0779	6.7380	8.7695	12.6229	3.9992	6.5520	8.4671	12.0655
22:12	4.0785	6.7390	8.7708	12.6247	3.9998	6.5529	8.4683	12.0671

22:13	4.0791	6.7400	8.7721	12.6264	4.0004	6.5539	8.4695	12.0687
22:14	4.0797	6.7410	8.7734	12.6282	4.0010	6.5548	8.4707	12.0704
22:15	4.0803	6.7420	8.7747	12.6299	4.0016	6.5558	8.4719	12.0720
22:16	4.0809	6.7430	8.7759	12.6316	4.0021	6.5568	8.4731	12.0736
22:17	4.0815	6.7440	8.7772	12.6333	4.0027	6.5577	8.4743	12.0752
22:18	4.0821	6.7450	8.7785	12.6351	4.0033	6.5587	8.4755	12.0768
22:19	4.0827	6.7460	8.7797	12.6368	4.0039	6.5596	8.4767	12.0784
22:20	4.0833	6.7470	8.7810	12.6385	4.0045	6.5606	8.4779	12.0800
22:21	4.0839	6.7480	8.7823	12.6402	4.0051	6.5615	8.4791	12.0816
22:22	4.0845	6.7489	8.7835	12.6420	4.0057	6.5625	8.4803	12.0832
22:23	4.0851	6.7499	8.7848	12.6437	4.0063	6.5634	8.4815	12.0848
22:24	4.0857	6.7509	8.7860	12.6454	4.0069	6.5644	8.4827	12.0864
22:25	4.0863	6.7519	8.7873	12.6471	4.0075	6.5653	8.4839	12.0880
22:26	4.0869	6.7529	8.7886	12.6488	4.0080	6.5663	8.4851	12.0895
22:27	4.0875	6.7539	8.7898	12.6505	4.0086	6.5672	8.4862	12.0911
22:28	4.0881	6.7548	8.7911	12.6522	4.0092	6.5682	8.4874	12.0927
22:29	4.0887	6.7558	8.7923	12.6539	4.0098	6.5691	8.4886	12.0943
22:30	4.0893	6.7568	8.7936	12.6556	4.0104	6.5700	8.4898	12.0959
22:31	4.0899	6.7578	8.7948	12.6573	4.0110	6.5710	8.4910	12.0974
22:32	4.0905	6.7587	8.7961	12.6590	4.0115	6.5719	8.4921	12.0990
22:33	4.0911	6.7597	8.7973	12.6607	4.0121	6.5729	8.4933	12.1006
22:34	4.0917	6.7607	8.7986	12.6624	4.0127	6.5738	8.4945	12.1022
22:35	4.0923	6.7617	8.7998	12.6641	4.0133	6.5747	8.4956	12.1037
22:36	4.0929	6.7626	8.8010	12.6658	4.0139	6.5757	8.4968	12.1053
22:37	4.0935	6.7636	8.8023	12.6674	4.0144	6.5766	8.4980	12.1069
22:38	4.0940	6.7646	8.8035	12.6691	4.0150	6.5775	8.4991	12.1084
22:39	4.0946	6.7655	8.8048	12.6708	4.0156	6.5784	8.5003	12.1100
22:40	4.0952	6.7665	8.8060	12.6725	4.0162	6.5794	8.5015	12.1115
22:41	4.0958	6.7675	8.8072	12.6741	4.0168	6.5803	8.5026	12.1131
22:42	4.0964	6.7684	8.8084	12.6758	4.0173	6.5812	8.5038	12.1146
22:43	4.0970	6.7694	8.8097	12.6775	4.0179	6.5822	8.5049	12.1162
22:44	4.0976	6.7703	8.8109	12.6792	4.0185	6.5831	8.5061	12.1177
22:45	4.0982	6.7713	8.8121	12.6808	4.0190	6.5840	8.5073	12.1193
22:46	4.0987	6.7723	8.8134	12.6825	4.0196	6.5849	8.5084	12.1208
22:47	4.0993	6.7732	8.8146	12.6841	4.0202	6.5858	8.5096	12.1224
22:48	4.0999	6.7742	8.8158	12.6858	4.0208	6.5868	8.5107	12.1239
22:49	4.1005	6.7751	8.8170	12.6875	4.0213	6.5877	8.5119	12.1255
22:50	4.1011	6.7761	8.8182	12.6891	4.0219	6.5886	8.5130	12.1270
22:51	4.1016	6.7770	8.8195	12.6908	4.0225	6.5895	8.5142	12.1285

22:52	4.1022	6.7780	8.8207	12.6924	4.0230	6.5904	8.5153	12.1301
22:53	4.1028	6.7789	8.8219	12.6941	4.0236	6.5913	8.5164	12.1316
22:54	4.1034	6.7799	8.8231	12.6957	4.0242	6.5923	8.5176	12.1331
22:55	4.1040	6.7808	8.8243	12.6974	4.0247	6.5932	8.5187	12.1347
22:56	4.1045	6.7818	8.8255	12.6990	4.0253	6.5941	8.5199	12.1362
22:57	4.1051	6.7827	8.8267	12.7006	4.0259	6.5950	8.5210	12.1377
22:58	4.1057	6.7836	8.8279	12.7023	4.0264	6.5959	8.5221	12.1392
22:59	4.1063	6.7846	8.8291	12.7039	4.0270	6.5968	8.5233	12.1408
23:00	4.1068	6.7855	8.8303	12.7056	4.0275	6.5977	8.5244	12.1423
23:01	4.1074	6.7865	8.8315	12.7072	4.0281	6.5986	8.5255	12.1438
23:02	4.1080	6.7874	8.8327	12.7088	4.0287	6.5995	8.5267	12.1453
23:03	4.1086	6.7883	8.8339	12.7104	4.0292	6.6004	8.5278	12.1468
23:04	4.1091	6.7893	8.8351	12.7121	4.0298	6.6013	8.5289	12.1483
23:05	4.1097	6.7902	8.8363	12.7137	4.0303	6.6022	8.5300	12.1498
23:06	4.1103	6.7911	8.8375	12.7153	4.0309	6.6031	8.5312	12.1513
23:07	4.1108	6.7921	8.8387	12.7169	4.0315	6.6040	8.5323	12.1528
23:08	4.1114	6.7930	8.8399	12.7186	4.0320	6.6049	8.5334	12.1543
23:09	4.1120	6.7939	8.8411	12.7202	4.0326	6.6058	8.5345	12.1558
23:10	4.1125	6.7949	8.8423	12.7218	4.0331	6.6067	8.5356	12.1573
23:11	4.1131	6.7958	8.8435	12.7234	4.0337	6.6076	8.5368	12.1588
23:12	4.1137	6.7967	8.8447	12.7250	4.0342	6.6085	8.5379	12.1603
23:13	4.1142	6.7977	8.8458	12.7266	4.0348	6.6094	8.5390	12.1618
23:14	4.1148	6.7986	8.8470	12.7282	4.0353	6.6103	8.5401	12.1633
23:15	4.1154	6.7995	8.8482	12.7298	4.0359	6.6112	8.5412	12.1648
23:16	4.1159	6.8004	8.8494	12.7314	4.0364	6.6120	8.5423	12.1663
23:17	4.1165	6.8013	8.8506	12.7330	4.0370	6.6129	8.5434	12.1678
23:18	4.1170	6.8022	8.8517	12.7346	4.0375	6.6138	8.5446	12.1693
23:19	4.1176	6.8032	8.8529	12.7362	4.0381	6.6147	8.5457	12.1708
23:20	4.1182	6.8041	8.8541	12.7378	4.0386	6.6156	8.5468	12.1722
23:21	4.1187	6.8050	8.8553	12.7394	4.0392	6.6165	8.5479	12.1737
23:22	4.1193	6.8059	8.8564	12.7410	4.0397	6.6173	8.5490	12.1752
23:23	4.1198	6.8068	8.8576	12.7426	4.0403	6.6182	8.5501	12.1767
23:24	4.1204	6.8077	8.8588	12.7442	4.0408	6.6191	8.5512	12.1781
23:25	4.1210	6.8087	8.8599	12.7458	4.0414	6.6200	8.5523	12.1796
23:26	4.1215	6.8096	8.8611	12.7473	4.0419	6.6209	8.5534	12.1811
23:27	4.1221	6.8105	8.8623	12.7489	4.0425	6.6217	8.5545	12.1826
23:28	4.1226	6.8114	8.8634	12.7505	4.0430	6.6226	8.5556	12.1840
23:29	4.1232	6.8123	8.8646	12.7521	4.0436	6.6235	8.5567	12.1855
23:30	4.1237	6.8132	8.8658	12.7537	4.0441	6.6244	8.5577	12.1869

23:31	4.1243	6.8141	8.8669	12.7552	4.0446	6.6252	8.5588	12.1884
23:32	4.1248	6.8150	8.8681	12.7568	4.0452	6.6261	8.5599	12.1899
23:33	4.1254	6.8159	8.8692	12.7584	4.0457	6.6270	8.5610	12.1913
23:34	4.1259	6.8168	8.8704	12.7599	4.0463	6.6278	8.5621	12.1928
23:35	4.1265	6.8177	8.8715	12.7615	4.0468	6.6287	8.5632	12.1942
23:36	4.1270	6.8186	8.8727	12.7631	4.0473	6.6296	8.5643	12.1957
23:37	4.1276	6.8195	8.8738	12.7646	4.0479	6.6305	8.5654	12.1971
23:38	4.1281	6.8204	8.8750	12.7662	4.0484	6.6313	8.5664	12.1986
23:39	4.1287	6.8213	8.8761	12.7677	4.0490	6.6322	8.5675	12.2000
23:40	4.1292	6.8222	8.8773	12.7693	4.0495	6.6330	8.5686	12.2015
23:41	4.1298	6.8231	8.8784	12.7709	4.0500	6.6339	8.5697	12.2029
23:42	4.1303	6.8240	8.8796	12.7724	4.0506	6.6348	8.5708	12.2044
23:43	4.1309	6.8249	8.8807	12.7740	4.0511	6.6356	8.5718	12.2058
23:44	4.1314	6.8258	8.8819	12.7755	4.0516	6.6365	8.5729	12.2072
23:45	4.1320	6.8267	8.8830	12.7771	4.0522	6.6373	8.5740	12.2087
23:46	4.1325	6.8276	8.8841	12.7786	4.0527	6.6382	8.5750	12.2101
23:47	4.1330	6.8285	8.8853	12.7801	4.0532	6.6391	8.5761	12.2116
23:48	4.1336	6.8293	8.8864	12.7817	4.0537	6.6399	8.5772	12.2130
23:49	4.1341	6.8302	8.8875	12.7832	4.0543	6.6408	8.5783	12.2144
23:50	4.1347	6.8311	8.8887	12.7848	4.0548	6.6416	8.5793	12.2158
23:51	4.1352	6.8320	8.8898	12.7863	4.0553	6.6425	8.5804	12.2173
23:52	4.1357	6.8329	8.8909	12.7878	4.0559	6.6433	8.5815	12.2187
23:53	4.1363	6.8338	8.8921	12.7894	4.0564	6.6442	8.5825	12.2201
23:54	4.1368	6.8346	8.8932	12.7909	4.0569	6.6450	8.5836	12.2215
23:55	4.1374	6.8355	8.8943	12.7924	4.0575	6.6459	8.5846	12.2230
23:56	4.1379	6.8364	8.8955	12.7940	4.0580	6.6467	8.5857	12.2244
23:57	4.1384	6.8373	8.8966	12.7955	4.0585	6.6476	8.5868	12.2258
23:58	4.1390	6.8382	8.8977	12.7970	4.0590	6.6484	8.5878	12.2272
23:59	4.1395	6.8391	8.8988	12.7985	4.0596	6.6492	8.5889	12.2286
24:00	4.1400	6.8399	8.8999	12.8000	4.0601	6.6501	8.5899	12.2300

GLOSSARY

ADVERSE FLOODING IMPACT - An increase in flood risk or hazards. This includes, but is not limited to, the following conditions: Any increase in the depth of flooding for the 100-year flood; any increase in the water surface elevation for the 100-year flood that causes stormwater to travel outside of defined public rights-of-way, defined drainage easements or FEMA floodplains

or to exacerbate any of these situations if the water surface elevation already exceeds these boundaries; loss of floodplain storage volume for the 100-year flood due to fill, site grading, or improvements that occupy a portion of the floodplain; and increased velocity of stormwater flows that overtop roadways or other crossings.

STORM DRAINAGE SYSTEM - Storm drainage systems include open channels and/or enclosed conduits which convey stormwater. Storm Drain infrastructure includes pipes, boxes, culverts, manholes, junction boxes, inlets, and other appurtenances. Storm Drain is the appropriate term for enclosed systems instead of Storm Sewer.