Characterization of the bed, critical boundary shear stress, roughness, and bedload transport in the Connecticut River Estuary

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Boston College

The Graduate School of Arts and Sciences

Department of Earth and Environmental Sciences

CHARACTERIZATION OF THE BED, CRITICAL BOUNDARY SHEAR STRESS, ROUGHNESS, AND BEDLOAD TRANPSORT IN THE CONNECTICUT RIVER ESTUARY

a thesis

by

KENDALL MARIE VALENTINE

submitted in partial fulfillment of the requirements

for the degree of

Master of Science

August 2015

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Abstract

This study characterizes the bed of the Connecticut River estuary in terms of grain size and bed morphology (bedforms), and relates these physical properties to river discharge, tidal currents, and sediment transport. Over four field excursions (November 2012, May 2013, November 2013, and May 2014), 383 sediment cores were collected, in addition to bathymetry surveys, current velocity, suspended sediment concentration, temperature, and salinity measurements. A three-dimensional circulation and sediment transport model calculated boundary shear stress over the same time periods that the field experiments were carried out, using observed tides and river discharge to drive the model. The bed of the estuary is composed mostly of sand, with small amounts of fine sediments (< 30%). The sand fraction of the distribution is transported primarily as bedload, while the fine fraction is transported in the water column. Deposition of fine sediments is limited by the landward extent of the salt intrusion. Large bedforms (1-2 m) are consistently oriented seaward. The critical shear stress for the median grain size is exceeded each tidal cycle. This means that active transport is occurring. Bedload transport is dominantly seaward during high discharge conditions. During low discharge periods, net bedload transport is landward in the lower estuary and seaward in the upper estuary. Bathymetry surveys from previous studies, pre-Hurricane Sandy surveys, and post-Hurricane Sandy echosounder surveys show consistent bedform fields over a span of 25 years. This suggests that the major processes driving bed morphology in the Connecticut River estuary, including river discharge, tides, and sediment supply, have not changed in the past 25 years. The smaller bedforms (<1 m) observed in the field are able to be formed by maximum spring tidal currents and the larger bedforms (1-2 m) are able to be formed by annual flood events. Extreme events would likely form plane beds or antidunes, which were not observed in the field. Therefore, the bedforms observed in the field reflect typical conditions rather than extreme events.

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Acknowledgements

First, I would like to thank my advisor, Dr. Gail Kineke, for her guidance, all of the lessons she has taught me, and her constant pursuit for excellence.

I would also like to thank my thesis committee: Dr. Noah Snyder, Dr. John Ebel, and Dr. Dave Ralston. Coursework from both Noah and John helped shape my thesis, and the feedback all three provided added significantly to my thesis and my understanding. I would especially like to thank Dave for his guidance and patience helping me through this project.

I would like to thank Dr. W. Rocky Geyer for his insight throughout this project. I thank Dr. Tim Milligan and Dr. Brent Law for the advice and laughs in the field.

I also thank Dr. Ken Galli. His constant optimism and willingness to help in any situation gave me hope through the hours and hours of grain size, working in the lab, and writing.

I especially want to thank Ellen Kristiansen for being a wonderful lab partner. Through nights of filtering, debugging Matlab code, and several (hundred) games of solitaire, she was always there with me. I would also like to thank Austin Hopkins, Bianca Bello, Dave Beutel, and Katie Lavallee for their support on my thesis, amongst other things.

I thank my parents and sister, Jessica, for always trying to listen to me about this project (and everything else) and their support for the last 24 years.

Lastly, I would like to thank my soon-to-be husband, Adrian Cole, for the countless times he read drafts of my thesis, discussed data, and consoled me when difficult times arose. I believe he too learned quite a lot about the Connecticut River estuary and sediment transport over the last two years, and for that I am forever grateful.

This project was partially funded by NSF Grant (1232928).

Variables

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 C_D Drag coefficient C_{I} Proportionality constant (0.19) Particle diameter D 10th percentile particle diameter D_{10} Median particle diameter D_{50} 90th percentile particle diameter D_{90} Frequency Gravitational constant (9.8 m/s^2) Flow direction, 1 is along-channel, 2 is across-channel, 3 is vertical Wave number k'_b Total hydraulic roughness Grain roughness k_{bg} Form drag roughness k_{br} Moveable bed roughness k_{bm} Characteristic length scale Р Rouse parameter Bedload transport rate q_b Re Reynolds number Particle Reynolds number Re* Turbulent kinetic energy TKE Velocity Velocity of the flow at height *z* above the bed u_z Shear velocity u_* Deviation from the mean velocity in the along-channel direction u' v' Deviation from the mean velocity in the across-channel direction w' Deviation from the mean velocity in the vertical direction Settling velocity W_s Height above the bed Roughness length Z_0 Kolmogorov constant, $\alpha_1=0.51$, $\alpha_2=\alpha_3=(4/3)\alpha_1=0.69$ Shields parameter Energy dissipation Wave/ripple height von Kármán's constant (0.41) Wave/ripple wavelength Kinematic viscosity Density of the fluid Density of the solid ρ_s Boundary shear stress Critical boundary shear stress Critical boundary shear stress due to skin friction τ'_c Modeled boundary shear stress τ_m Observed boundary shear stress au_o Ψ'_{max} Shields parameter using τ'_{c} Wentworth phi size $\phi_{ii}(k)$ Spectral density of velocity in direction *ii* at wavenumber k

1. Introduction

Estuaries, the meeting place of fresh and salt water, are valuable ecosystems (Barbier et al. 2011). The health of these coastal environments has environmental, biological, and economical implications. Estuaries are dynamic environments that are subject to sea level rise, tides, storms, and anthropogenic effects. Understanding the movement of sediment within estuaries provides insight into contaminant transport, navigation and dredging practices, and the overall health of the system.

Sediment transport depends on the flow and nature of the bed, or boundary, which includes grain size, roughness, and cohesiveness. If sediment transport is to occur, the stress imposed on the bed by the flow must exceed a critical value to initiate particle movement. The interaction of the flow with the bed is affected by the configuration and composition of the bed itself. Variations in grain size can change the roughness of the bed on a small scale (100 μ m – 2 mm), while bedforms, like sand waves, can alter the roughness on a larger scale (1-2 meters).

The Connecticut River delivers ~70% of the total sediment load to Long Island Sound (Gordon, 1980). The majority of the sediment transported in the Connecticut River is medium sand that is moved as bedload (Horne and Patton, 1989). Previous work suggests that the Connecticut River is able to constantly move sand out of the estuary (Horne and Patton, 1989). Prior studies suggest that fine sediments delivered to the estuary are quickly exported to Long Island Sound (Patton and Horne, 1992). Recent research by Woodruff et al. (2013) found enhanced accumulation of fine sediments in coves in the estuary, indicating that our understanding of sediment transport is lacking.

Contaminants often sorb onto fine sediments (Mehta et al., 1989); therefore, knowing the dispersal pathways and accumulation sites of fine sediments in the Connecticut River estuary may have important implications for contaminant transport and the health of the ecosystem.

The purpose of this study is to characterize the bed in terms of grain size and bedforms, evaluate sediment transport, and explore the role of bed roughness from both grain size and bedforms in sediment transport throughout the Connecticut River estuary. Detailed flow measurements at different locations in the estuary during different seasons allow direct calculations of bottom stress over a range of conditions. Comprehensive bathymetry surveys and 383 cores capture the bottom conditions throughout the estuary during multiple sampling periods. These data, in combination with the Quadratic Stress Law, a practical and simple relationship between nearbed flow velocity and the shear stress on the bed, allow quantification of the bottom roughness and estimates of bedload transport.

2. Background

This section focuses on important information on the study site and the relevant scientific background needed before delving into the specifics of the study. Following the background description, the specific objectives of the project are outlined, as well as how this project fits into the scope of a larger study.

2.1 Site Description

The Connecticut River, located on the eastern seaboard of the United States, originates in the southern reaches of Canada and empties into Long Island Sound (Figure 1). The Connecticut has an average discharge of 450 m³/s (Meade, 1966; Merriman and Thorpe, 1976 in Patrick, 1996). The spring melt is most commonly associated with the highest discharge (~2500 m³/s) and delivers high sediment loads, on the order of 10⁶ tons per year, to the estuary and Long Island Sound (Horne and Patton, 1989). Storm events in the fall occasionally result in discharges higher than those during the spring melt. The tidal range varies between 0.6 m and 1.4 m (Horne and Patton, 1989). Due to the range in discharge and tides, the estuary has been classified as both a salt-wedge estuary (Meade, 1966; Garvine, 1975) and a partially-mixed estuary (Garvine, 1974). The bed is primarily composed of sand, with a gradual fining towards the mouth (Horne and Patton, 1989). Regions upstream of tidal influence have sandy beds with a layer of silt (Boyd, 1976). Parts of the estuary exhibit sand waves, reaching amplitudes of up to 1 m (Horne and Patton, 1989).

2.2 Flow, Shear Velocity and Boundary Shear Stress

A typical mean velocity profile of a steady current over a boundary is composed

of an outer layer, a log layer, and a laminar sublayer (Figure 2; Dyer, 1986). At the bed, the flow velocity must be zero (the "no-slip" condition), which causes the flow velocity to decrease as the boundary is approached. In a thin layer closest to the bed, the flow is dominated by viscous forces and is referred to as the laminar sublayer. Above this is the logarithmic region of the velocity profile and the flow is fully turbulent. The log layer is the deviation from a linear velocity profile due to turbulence (Dyer, 1986). A free stream velocity is reached where the flow is no longer affected by the presence of the boundary. In smooth turbulent flow, the roughness of the bottom is smaller than the height of the laminar sublayer. In rough turbulent flow, the roughness of the bottom pokes through the laminar sublayer. A flow is defined as turbulent or laminar using the dimensionless Reynolds number:

$$Re = \frac{uL}{v} \tag{1}$$

where *u* is the velocity of the flow, *L* is the characteristic length scale, and *v* is the kinematic viscosity of the fluid. If Re > 2000, the flow is turbulent; if Re is small the flow is laminar (Middleton and Southard, 1984).

The log layer is described by the von Kármán-Prandtl equation (Dyer, 1986),

$$\frac{u_z}{u_*} = \frac{1}{\kappa} ln \frac{z}{z_0}$$
(2)

where u_* , the shear velocity, is a convenient proxy for the boundary shear stress, τ_b , and is defined as $u_* = \sqrt{\frac{\tau_b}{\rho}}$; ρ is the density of the fluid, u_z is the velocity of the flow at height above the bed, z, κ is von Kármán's constant (0.41), and z_0 is the roughness length, defined as the height above the bed where the velocity profile would go to zero.

The von Kármán-Prandtl equation, or the "Law of the Wall," is based on the

relationship that the velocity gradient (du/dz) above the bed relies only on the distance above the bed (z) and the shear velocity (u_*) and can be expressed as:

$$\frac{du}{dz} = \frac{u_*}{\kappa z} \tag{3}$$

Integrating this equation to determine the velocity at any height of the bed yields

$$u_z = \frac{u_*}{\kappa} \ln(z) + C \tag{4}$$

where *C* is a constant of integration. In rough turbulent flow (*Re*>2000), flow is influenced by the length of the roughness elements. Assuming the boundary condition that the velocity goes to zero near the bed, somewhere between z=0 and the height of the roughness elements, or at z_0 , equation 4 becomes

$$u_z = \frac{u_*}{\kappa} \ln\left(\frac{z}{z_0}\right) \tag{5}$$

This equation can be rearranged into equation 2, a familiar form of the "Law of the Wall".

2.3 Sediment Size and Threshold of Motion

A common way to describe sediment is by particle size using the Wentworth phi scale, where $\phi = -log_2D$, and *D* is the particle diameter (mm) (Folk, 1966). *Coarse* sediment refers to sizes larger than 63 um ($\phi < 4$) and *fine* sediment, *silts* and *clays* collectively referred to as muds, are smaller than 63 um ($\phi > 4$). Sediment begins to move when the boundary shear stress, τ_b , exceeds a critical value, τ_c . Shields (1936) determined τ_c for a range of sediment sizes and types and expressed it in terms of an empirical relationship between two dimensionless numbers, the particle Reynolds number, $Re_*, \frac{u_*D}{v}$, and the Shields parameter $\beta = \frac{\tau_c}{(\rho_s - \rho)gD}$, where ρ_s is the density of the solid (Shields, 1936 in Middleton and Southard, 1984). Using the Shields parameter, the bed grain size can be used to determine the flow necessary to move the sediment based on prior experiments (Figure 3). Shields' experimental results yield an "envelope" of values that may initiate particle motion (Middleton and Southard, 1984). Shields' (1936) experiments were run in flumes with non-cohesive sediments under particle Reynolds numbers between 2 and 600; additional studies have extended the relationship to particle Reynolds numbers outside of the original range (e.g. Vanoni, 1964; Mantz, 1977; Buffington, 1999; Dancey et al., 2002; Dey, 2003). For all of these formulations, if $\tau_b > \tau_c$, the sediment is mobile. The criterion for threshold of motion is not valid for cohesive sediments (muds).

Sediment can be transported through two main modes: bedload and suspended load (Middleton and Southard, 1984). Bedload is the fraction that moves close to the bed via rolling, saltating, and sliding. Bedload is supported by the bed, not by the flow. Suspended load is the sediment that is transported in the water column by turbulent eddies. The mode of sediment transport can be described by the Rouse Parameter, *P* (Middleton and Southard, 1984; Milligan et al. 2001). This dimensionless number represents the a ratio between settling and mixing,

$$P = \frac{w_s}{\kappa u_*} \tag{6}$$

where w_s is the settling velocity. If *P* is greater than ~2.5, the sediment will be transported as bedload. If *P* is between 0.8 and 1.2, sediment will be transported as suspended load. Between 1.2 and 2.5, sediment is being moved by both bedload and suspended load. For *P* < 0.8, the sediment is considered washload (Middleton and Southard, 1984).

2.4 Bed Roughness and the Drag Coefficient

The drag coefficient is an empirical constant that encapsulates the interaction between the bottom roughness and the overlying flow. The drag coefficient is derived from the von Kármán-Prandtl equation (Equation 2; Komar, 1976). Rearranging equation 2 and substituting $\tau_b = \rho u_*^2$ yields

$$\tau_b = \rho u_z^2 \left[\frac{\kappa}{\ln \frac{z}{z_0}} \right]^2 \tag{7}$$

For a given height above the bed and bed roughness, z, z_0 , and κ are collected into a single constant, C_D , or the drag coefficient, resulting in

$$\tau_b = \rho \mathcal{C}_D \overline{u_z}^2 \tag{8}$$

(Soulsby, 1997). The drag coefficient for a given flow and bed condition varies depending on the height above the bed; thus for field applications velocity is commonly measured at 100 cm above the bottom and C_D is referred to as C_{100} . This simplified form (Equation 8) is known as the Quadratic Stress Law (QSL) and allows calculation of boundary shear stress with a single mean near-bed velocity measurement.

Previous studies have determined a range of drag coefficients for different bed and sediment characteristics (Sternberg, 1972). While Sternberg (1968, 1972) found differences in C_D by up to a factor of two, he suggested that a mean value of 3.0×10^{-3} could be broadly applicable in many cases without bedforms larger than 5 cm or high sediment transport rates. Following Sternberg's investigation of roughness and sediment composition, others focused on quantifying z_0 and C_D for different bed types. Calculated roughness lengths vary up to two orders of magnitude for different sediment and bed compositions, while the drag coefficient vary by a factor of three (Table 1; Soulsby,

1983).

2.5 Bedforms

Bedforms are features, such as waves or ripples, which are formed by the movement of sediment by fluid flow. These features can be symmetric to indicate bidirectional flow, or they can be unidirectional. Unidirectional bedforms have one side steeper than the other, which indicates the direction of flow. For non-planar beds (those with bedforms), the total shear stress is composed of two components: skin friction and form drag. Skin friction is the component of shear stress acting on the sediment particles. Form drag is present when there is obstruction to the flow, like bedforms, that cause pressure differences, altering the stress felt by the flow (Wright, 1995). As form drag increases the amount of skin friction, or shear stress felt by the bed, decreases.

Likewise, the bed roughness, z_0 , is affected by obstructions to the flow. Roughness is defined as

$$z_0 = \frac{k'_b}{30} = \frac{k_{bg}}{30} + \frac{k_{br}}{30} + \frac{k_{bm}}{30}$$
(9)

where k'_b is the total hydraulic roughness, k_{bg} is the grain roughness ($\approx D$), k_{br} is the form drag roughness, and k_{bm} is the moveable bed roughness (Wright, 1995). A simple formulation of k_{br} is

$$k_{br} = 4\eta \tag{10}$$

where η is the height of the ripples or sand waves (Madsen and Wikramanayake, 1991). The role of moveable bed roughness, or bedload roughness, is defined as (Grant and Madsen, 1982; Wright, 1995)

$$k_{bm} = 30D\psi'_{max} \tag{11}$$

where

$$\psi'_{max} = \frac{\tau'_c}{gD\rho(\rho_s/\rho^{-1})} \tag{12}$$

and τ'_c is the skin friction component of critical shear stress. The bedload roughness is largest when form drag is zero ($\tau'_c = \tau_c$), and decreases with increasing form drag. Calculations in the present study reflect the maximum potential roughness due to bedload and assume $\tau'_c = \tau_c$.

2.6 Objectives

This study is part of a larger project, Frontogenesis and Fine-Sediment Trapping in a Highly Stratified Estuary, funded by the National Science Foundation (NSF Proposal 1232928). The project as a whole is focusing on frontogenesis (formation of fronts) within the water column and the potential for trapping of fine sediments in the Connecticut River estuary. In addition to hydrography and flow, these objectives require knowledge of the bathymetry, sediment type and morphology of the estuary in order to understand the conditions necessary for frontogenesis. This project aims to quantify the bed in terms of grain size and bedforms, and relate these properties of the bed to river discharge, tidal currents, and sediment transport.

3. Methods

3.1 Field Program

In order to address the objectives, four field experiments were conducted in the Connecticut River estuary: November 2012 (N12), May 2013 (M13), November 2013 (N13), and May 2014 (M14) on the *R/V Discovery* (Ryan Marine Inc.) and the *R/V Lowell Weicker* (University of Connecticut). The study area extends from the mouth of the Connecticut River at Long Island Sound to 12 km upstream (Figure 4). Sampling was focused in "frontal zones" which were chosen based on previous studies (Geyer *et al.*, 2010). These studies identified localized areas of intensified density gradients within the estuary, primarily immediately downstream of river constrictions. These areas can form secondary Estuarine Turbidity Maxima (ETMs) and have the potential to trap fine sediments (Friedrichs, 2009). Other parts of the NSF project are examining the physical processes responsible for frontogenesis and impact on suspended-sediment transport.

3.2.1 Flow Conditions

The mean discharge of the Connecticut River over the duration of all experiments was comparable to published average discharge rates (~450 m³/s; U.S. Geological Survey, 2015, Thompsonville; Figure 5A). For the N12 and M13 field experiments, the flow was near average with no precipitation events immediately preceding data collection. The lowest discharge condition was observed during the N13 experiment; the highest discharge occurred during the M14 experiment, where the flow during sampling was about double the yearly average for the Connecticut River. The cumulative discharge leading up to the sampling period was highest during M14 and lowest during

N13 (Figure 5B). Tidal amplitudes were similar between field experiments; on average the tidal range was ~0.9 m in M13 and M14 and ~1.2 m in N13 based on data from a tide gauge at Old Lyme, CT (U.S. Geological Survey, 2015, Old Lyme).

3.2.2 Bed Characterization

Bottom sediment samples were taken using a HAPS corer (KC Denmark; Figure 6). Samples were taken at stations in across-channel transects throughout the study area, with particular focus on the frontal zones (Figure 4). Each transect consisted of five stations across the channel. Additional cores were taken in each progressive field season; the cores from the prior seasons were repeated and additional cores were added to improve the spatial resolution.

Cores were photographed, described, measured, extruded and subsampled. In N12 and M13, approximately the top 1 cm of sediment was sampled. In N13 and M14, sediment from the top 0.5 cm and 0.5 - 2 cm were sampled and put into bags. Samples were stored under cold dark conditions in the field. Once the samples were returned to the lab, they were frozen.

During the M14 field sampling, if the overlying water column in the core barrel contained a substantial amount of suspended sediment, the water was also sampled using a siphon. The sample was filtered through a pre-weighted 0.45-micron filter, dried and reweighed to calculate the suspended sediment concentration (mg/L).

Acoustic bathymetric surveys were done using a Knudsen Engineering dual frequency echosounder (1610 series) during the M13, N13, and M14 experiments. Data were collected using a 50 kHz and 200 kHz signal at a sampling frequency of 5 Hz. Specific transects were identified and surveyed during the experiment; the echosounder

was also used during all other measurements to obtain water depth at each station or core location. Side-scan and multi-beam sonar surveys were collected in the study area by the U.S. Geological Survey in August 2012 in advance of the N12 sampling (Ackerman, *in preparation*).

3.2.3 Water Column Measurements

A tripod (after Sternberg et al., 1991) outfitted with a conductivity, temperature, and depth sensor (RBR-CTD), acoustic Doppler velocimeter (ADV; Nortek), optical backscatter sensor (OBS), and pumps to take *in-situ* water and suspended sediment samples (Figure 7), was deployed during each of the field experiments at anchor stations throughout the study area (Figure 4). The ADV sampled at 16 Hz, providing highresolution velocity data. In M14, an acoustic backscatterance sensor (ABS) was also attached to the tripod. The tripod was deployed and sampled from the surface to the seabed, remaining on the bottom for a period of about 10 minutes to obtain near-bottom measurements of velocity and suspended sediment concentration. The *in-situ* pump samples were filtered in the field and reweighed in the lab for calibration of the OBS. A profiling CTD with OBS was also deployed every five minutes while at anchor. A CTD cast was taken immediately before each core. Continuous current profiles were taken with a hull-mounted acoustic Doppler current profiler (ADCP; RD Instruments).

3.3 Laboratory Work

3.3.1 Grain-Size Analysis

Samples from cores were analyzed for grain size following standard procedure (Folk and Ward, 1957). Subsamples of the sediment cores were weighed, dried, and

reweighed to calculate the water content of the sample. Samples were then processed with 30 % hydrogen peroxide to remove organic matter. To prevent flocculation, a 0.2% Calgon solution was added to the processed sediment. The sediment was wet sieved through a 63-micron sieve and both the coarse and fine fractions were dried. The coarse fraction (>63 microns) was dry sieved in 0.5ϕ increments ranging from -1 to 4ϕ using a Ro-Tap and the fine fraction was sized using a 5120 SediGraph III (Micromeritics Instrument Corporation). Samples were run in the SediGraph with a baseline solution of 0.2% sodium metaphosphate and were sonicated prior to analysis.

3.3.2 Loss on Ignition

Loss on ignition was performed on each sample following standard procedure (Dean, 1972). Samples were dried and left in a preheated furnace at 550 °C for one hour to combust organic matter. Post-weights were recorded and the mass loss during this period was calculated.

3.4 Three-Dimensional Circulation and Sediment Transport Model

A three-dimensional circulation and sediment transport model for the Connecticut River estuary is currently in development (Ralston, *pers. comm.*). The model is similar to the models developed for the Merrimack River estuary (Ralston et al., 2010) and the Hudson River (Ralston et al. 2012). The numerical model of the Connecticut River estuary uses a Finite Volume Coastal Ocean Model (FVCOM) with a sediment transport component derived from the Community Sediment Transport Modeling System (CSTMS) with an unstructured grid of triangles as individual cells and sigma levels for depth (Figure 8). Grid sizes are smaller in areas of interest (10 m resolution) and larger in

more distant regions. The driving mechanisms for the model are river discharge, tides, offshore salinity in Long Island Sound, wind, sediment-discharge relationships for the Connecticut, and bed sediment composition. The model uses a variable roughness proportional to the water depth to incorporate bedform roughness. Model outputs of interest include time series of boundary shear stresses, current velocities, suspended-sediment concentrations, and net deposition and erosion throughout the estuary. The results reported in this study are from a low-resolution model run with output every 30 minutes.

3.5 Analyses

3.5.1 Grain Size

Statistical measures of grain size were calculated using the Folk and Ward graphical method (Figure 9) with the GRADISTAT software package (Blott and Pye, 2001). The primary statistical grain-size parameters used in this analysis are D_{10} , D_{50} , and D_{90} . The D_{50} , or median grain size, is a measure of central tendency in the size distribution. The grain size diameter at which 90 percent of the grains are equal or smaller than is defined as the D_{90} , and likewise the diameter at which 10 percent of the grains are equal to or smaller is defined as the D_{10} . For descriptive purposes, the sediment was classified based on the Wentworth grain size chart (Wentworth, 1922). The sediment samples were divided into two fractions: *coarse* and *fine*. The *fine* sediments are defined as those less than 63 microns; the percentage of *fines* is used as a descriptor of the sediment at each sample location. Sorting was also quantified using the Folk and Ward graphical method; sorting refers to the spread or standard deviation of the grain size

distribution.

3.5.2 Critical Shear Stress

Critical shear stresses for the D_{10} , D_{50} , and D_{90} at each core location were determined using an empirical formulation of the Shields curve (Soulsby and Whitehouse, 1997). These calculated critical shear stresses, τ_c , were compared to the observed shear stress in the field, τ_o , and the shear stress predicted by the model, τ_m .

3.5.3 Boundary Shear Stress

Velocity data from the ADV were used to calculate shear stress according to three common methods (e.g. Kim et al. 2000): Reynolds stresses, Turbulent Kinetic Energy (TKE), and Inertial Dissipation (ID). The direct estimates of τ_o then can be used to calculate z_0 and C_D , which provide insight on the bottom characteristics. Each of these methods has advantages and drawbacks. The Reynolds Stress method uses measurements of velocity fluctuations and has the potential to be most accurate, but slight changes in the positioning of the sensor can distort and corrupt these measurements. The TKE method has consistent results, but relies on an empirical constant to determine the shear stress. This constant is not always consistent with the literature. Using the ID method, the sensor location is sensitive; to have adequate separation between the production and dissipation of energy in the spectrum, the sensor must not be too close to the bed (Kim et al., 2000).

These methods assume a steady and horizontally uniform flow, and that the measurements are taken within the log layer. The velocity measurements were rotated into the direction of maximum variance before the analysis was done. In this way, both

the mean of v and w were approximately zero. In ideal situations, this rotation would not be necessary because the tripod should self-orient into the direction of the flow, but this was not always true due to changes in the flow during the measurements as well as poor placement of the tripod in reference to sand waves.

3.5.4.1 ADV Data Processing and Data Quality

Every 10-minute time series of velocity for each time the tripod was on the bottom was evaluated for data quality. The criteria for excluding and/or altering the averaging period were as follows (Figure 10):

- 1. Unstable tripod from pressure data on the ADV
- 2. Unstable pitch and tilt, as recorded on the ADV
- 3. Mean velocity <10 cm/s
- 4. Accelerating or decelerating flow (more than a 25% change in the mean velocity over the averaging period)
- 5. Vertical velocity > 0.1 cm/s
- 6. Unstable heading, as recorded by the ADV
- Incorrect orientation of the tripod compared to the flow, as determined from the sign (+/-) of velocity data from the ADV

For data that met the excluding criteria, the length of the dataset was shortened and then the data were reevaluated. Data that did not meet these conditions after shortening the time series were excluded from analysis. See appendix for details on data quality analysis.

3.5.4.2 Reynolds Stresses

Shear stress determined from Reynolds stresses using the covariance method requires high frequency velocity measurements at one height above the bed within the log layer and is formulated as follows (Dewey and Crawford, 1988; Kim et al., 2000; Thompson et al., 2003):

$$\tau_b = -\rho \overline{u'w'} \tag{13}$$

where u' and w' are the deviations from the mean velocity in the along-channel and vertical directions (Figure 11A). This method relates vertical transfer of momentum to the shear stress exerted on the bed, or shear production (Middleton and Southard, 1984; Thompson et al., 2003).

Reynolds shear stresses are derived from the Reynolds-averaged Navier-Stokes equations (Pope, 2000). In a turbulent flow, if a water particle moves upward, resulting in a positive w effect, it moves into a faster flow and thus slows down surrounding water particles, resulting in a negative effect. Likewise, if a turbulent motion moves a particle downward resulting in a negative w effect, it moves into a slower flow and thus speeds up the surrounding particle resulting in a positive u effect. Therefore, u'w' is always negative and the minus sign in Equation 13 results in a positive stress on the bed.

3.5.4.3 Turbulent Kinetic Energy

The TKE method relates velocity fluctuations to the bed stress (Soulsby, 1983; Stapleton and Huntley, 1995; Thompson et al., 2003),

$$TKE = \frac{1}{2}\rho(\overline{u'^2} + \overline{v'^2} + \overline{w^2})$$
(14)

where u', v', and w' are the deviations from the mean velocities in the x, y, and z directions, respectively. Using the calculated TKE, the boundary shear stress can be

calculated using an empirical relationship formulated through models (Soulsby and Dyer, 1981; Galperin et al., 1988) or by examining flows under a variety of conditions (Soulsby, 1983; Stapleton and Huntley, 1995 in Thompson et al., 2003),

$$\tau_b = C_1 T K E \tag{15}$$

Modeling studies found that $C_I = 0.20$, while experimental values yielded a value of 0.19 for all environments, which is now commonly used (Kim et al., 2000; Mariotti et al., 2014). However, some studies have found variations in C_I (Kim et al., 2000). The calculation for TKE typically uses a spectral splitting method in the presence of wave bands (Soulsby, 1983 in Stapleton and Huntley, 1995), but can also be done without the aid of spectral analysis when a wave band is not present.

To implement this method, the spectra of the three velocity components were calculated. The area under these spectra is used as the velocity fluctuations and the turbulent kinetic energy density was calculated (Figure 11B).

3.5.4.4 Inertial Dissipation

. ...

The ID method follows the same assumptions, and also assumes a balance between shear production and energy dissipation (Tennekes and Lumley, 1972 in Kim et al., 2000). By substituting the Reynolds stress and the logarithmic profile equations into the balance between shear production and energy dissipation, one can relate the shear velocity to the energy dissipation,

$$u_* = (\varepsilon \kappa z)^{1/3} \tag{16}$$

where ε is the energy dissipation. The inertial subrange exists in the spectrum between the low frequencies that produce energy and the high frequencies that dissipate energy, which takes the form

$$\phi_{ii}(k) = \alpha_i \varepsilon^{2/3} k^{-5/3} \tag{17}$$

where $\phi_{ii}(k)$ is the spectral density of the velocity in one direction at wave number *k* and α is the Kolmogorov constant. These equations can then be combined and Taylor's "frozen turbulence" hypothesis can be applied to convert the frequency spectra into wave-number spectra, which yields the final equation to calculate the shear stress using the ID method (Kim et al. 2000).

$$u_* = \left(\frac{2\pi\kappa z}{\bar{u}}\right)^{1/3} \left(\frac{\phi_{ww}(f)f^{5/3}}{\alpha_3}\right)^{1/2} \tag{18}$$

It is most common to use only the vertical velocity spectra because these fluctuations are more likely due to turbulence rather than waves or other sources (Stapleton and Huntley, 1995; Kim et al., 2000). In the spectrum, the inertial subrange is determined to be when $f^{\delta/3}\phi_{ww}(f)$ is constant. Using this frequency range, the shear velocity, and therefore shear stress, were calculated (Figure 11C).

3.5.5 Drag Coefficient and Roughness

The Quadratic Stress Law (Equation 8) was employed to solve for the drag coefficient using the velocity and different boundary shear stress calculation methods for each anchor station site (Soulsby, 1997; Thompson et al., 2003)

$$C_D = \frac{\tau_b}{\rho u_z^2} \tag{19}$$

Using the von Kármán-Prandtl equation (Equation 2) and the calculated values of shear stress from velocity at a known height above the bed, the roughness parameter, z_0 , was also determined. For comparison, the boundary shear stress was calculated using the Quadratic Stress Law using the magnitude of the velocity and a generalized drag coefficient (3×10⁻³; Sternberg 1972).

3.5.6 Bedload Transport Rates

In the case where P > 2.5 and the boundary shear stress exceeds the critical shear stress, the sediment is assumed to be transported as bedload. To quantify bedload transport, q_b , we used the Yalin bedload formulation (Yalin, 1972)

$$q_b = 0.635r \sqrt{\frac{\tau_b}{(\rho_s - \rho)gD}} \left[1 - \frac{1}{ar} \ln \left(1 + ar \right) \right] \sqrt{\left(\left(\frac{\rho_s}{\rho} \right) - 1 \right) gD^3}$$
(20)

where

$$r = \frac{\tau_b - \tau_c}{\tau_c} \tag{21}$$

$$a = 2.45 \left(\frac{\tau_c}{(\rho_s - \rho)gD}\right)^{0.5} \left(\frac{\rho}{\rho_s}\right)^{0.4}$$
(22)

and q_b is the bedload transport rate, reported in g/cm/s. The transport was integrated over a tidal cycle to evaluate net magnitude and direction of transport.

3.5.7 Bedforms and Knudsen Echosounder Data Processing

Distinct bedform fields (BFFs) were identified using the USGS bathymetry survey (USGS, *unpublished data*). Transects from the bathymetry data and from the echosounder data for the different BFFs were identified and analyzed. The shapes of the bedforms were used to determine orientation (Middleton and Southard, 1984).

Bedforms were quantified using a Fourier transform, which determined the component waveforms and corresponding amplitudes. Data from the echosounder surveys were interpolated for equal sample spacing and processed using a movingaverage filter. The filtered data were windowed using a Hanning window and each overlapping section of the surveys was transformed using the Fourier transform, which identified the dominant waveforms that made up the sand waves. Transects from the echosounder were cross-correlated with transects from each BFF defined on the USGS survey to determine similarity.

4. Results

4.1 Bed Sediment Distribution and Characteristics

Grain size analysis results from 383 samples are presented in detail in Appendix A and are summarized in Figures 12-21. Grain size analysis confirmed, as previously shown by Horne and Patton (1989), that most of the bottom of the Connecticut River is sandy with small amounts of fine sediment (Figure 12, 13). Bottom sediment generally fined towards the mouth of the estuary (Figure 14, 15). The median grain size was finer in the center of the channel (across-channel stations 2-4) near the mouth compared to upriver (Figure 15). Peaks of finer grain size and percent fines within the northern parts of the study area (example: 8 km from the mouth, Figure 14) broke a monotonic fining trend.

Within the channel in M13 and M14, fine sediments were restricted to the southern part of the estuary (up to 8 km and 4 km of the mouth, respectively), while in N12 and N13, fine sediments were found within the channel throughout the study area (Figure 14A). However, fine sediments were confined to the sides of the channel in the northern parts (Figure 14B).

The majority of cores were composed of medium to fine sand. The average D_{50} for all cores was 1.7ϕ for the coarse fraction. Eighty-eight of 383 cores exhibited a "mud drape." These cores were characteristically sandy, but had a thin veneer (0.5 - 3 mm) of finer grained material on the top of the core (e.g. Figure 6D). The mud drape was observed throughout the estuary for all field seasons. Of the 383 cores, 16 were composed of 75 -100 % fine sediments. These muddy cores were found near the mouth of the estuary or on the western sides of the channel ~8 km north of the mouth (Figure

The grain size and the percent fines were more variable towards the mouth of the estuary compared to upriver sites (Figure 14, 15). Fine sediments were found on the sides of the channels, but significant amounts of deposited fine sediments were not found in the main channel (Figure 16). The western side of the estuary had significantly more fines compared to the center of the channel (p<0.001), but the eastern side was not significantly different in terms of percent fine material compared to the center of the channel (Figure 17D). However, in the northern parts of the study area, fines were either nonexistent (Figure 17A) or were only present on the sides of the channel (Figure 17B, 17C). Approximately 5 km north of the mouth where the channel (Figure 17C). Where the channel turns, approximately 8 km north of the mouth, the fines were restricted to the western side of the channel (Figure 17B).

In areas with only sand present, the mode was well defined (Figure 18A). In areas with both sand and mud present, the distribution was bimodal, with peaks in both the coarse fraction and in the finer fraction (Figure 18B). The sediment was the least sorted near the mouth and became more sorted in the upstream parts of the estuary (Figure 19). Over the field seasons N12, M13, and N13 the sediments on average were poorly sorted (Figure 20). Sediments from N13 were the most poorly sorted of all field experiments. In M14, the sediments were moderately well to moderately sorted.

Sediment characteristics in M14 were significantly different than the sediment characteristics in N13. The D_{50} was significantly different (p = 0.023), the D_{50} of the

12).
coarse fraction was significantly different (p=0.026), and the percentage of fine sediments in the estuary was significantly different (p=0.005). Median grain size and percent fines in the estuary between the first three consecutive field seasons were not significantly different. The D_{50} in M13 was the lowest, while the D_{50} in M14 was the highest. Both fall seasons (N12 and N13) had similar grain size characteristics.

The fine fraction of sediments on the bed had a D_{50} of 5-10 microns (Figure 21). If the fine fraction is acting as single grains, the calculated settling velocity of these particles was 0.0144 - 0.0577 mm/s.

4.2 Loss on Ignition

LOI varied from 0.29 to 14.94 % within the Connecticut River estuary, with a mean of 1.97 ± 2.08 % over all field seasons and no significant differences between the field seasons (Table 2, Appendix A.3). The organic matter was not evenly distributed throughout the estuary and tended to be near the sides of the channel (Figure 22). Organic matter was proportional to the percent of fine sediments (Figure 23). Low values of LOI, and the associated small amounts of fine sediments, indicate that biological factors are likely not significant in sediment transport in the estuary; there was no evidence of cohesive biofilms that might affect erosion within the channel.

4.3 Calculated Critical Shear Stresses

The critical shear stresses were calculated for the D_{50} , D_{10} , and D_{90} of each surface sediment sample (Figures 24-26, Appendix A.4). The necessary stress to mobilize the median grain size ranged from 0.02 to 1.7 N/m², which relates to a shear velocity of 0.0044 to 0.041 m/s. N13 and M14 datasets have comparable and intensive

sampling schemes and can be directly compared. The critical shear stress required to mobilize the D_{50} and D_{90} was relatively homogeneous and consistent between all field seasons (Figure 24, 26). The critical shear stress required to mobilize the D_{10} was higher throughout the estuary in M14 compared to N13, particularly ~8 km from the mouth (Figure 25). The D_{10} was larger in M14 compared to N13, leading to greater critical shear stresses.

Observed shear stress at anchor stations, τ_o , exceeded the critical shear stress for the D_{50} during maximum flow (Figures 27-32), suggesting that the 50% of the sandy bed was mobile at some point during the measurement periods. The Rouse parameter was greater than 2.5 for all measurement periods when τ_o exceeds the critical shear stress, indicating that the sediment was being transported as bedload. No full tidal cycle records were captured using the tripod, and therefore bedload transport was reported as cumulative bedload over the time the measurements were taken instead of averaged over the tidal cycle (Figures 27-32). Generally, the shear stress from the QSL agreed with or overestimated bedload transport during the anchor stations compared to the Reynolds, TKE, and ID methods, with some exceptions (Figure 27, 29). The QSL did not take into account additional roughness created by the bedforms; a constant drag coefficient of 3×10^{-3} is applicable for planar beds (Sternberg 1972). The additional roughness from the bedforms created form drag, which decreased the effective shear stress on the bed leading to the smaller shear stresses, as calculated by the Reynolds, TKE, and ID methods. The QSL method did not include the larger roughness elements and therefore overestimated skin friction, shear stress, and bedload sediment transport.

4.4 Modeled Mobilization and Transport

Comparing model output for 1-month simulations of N13 and M14 to the critical shear stress revealed that the bottom sediment was mobilized frequently, during both the ebb and flood (Figure 33-35). The percent of the time that the median grain size on the bed was mobilized was greater in M14, under high discharge conditions (~1250 m³/s), compared to low discharge conditions (N13; 400 m³/s) (Figure 33). The tidal amplitudes in the model were roughly 1.4 m on average in both model runs (two month-long simulations). In the northern part of the study area, the bed was most frequently mobilized during the ebb for both N13 and M14. Towards the southern part of the study area, the bed was more frequently mobilized during the flood compared to the northern part of the estuary.

In N13, the bed was mobilized equally during the flood compared to the ebb, but in different patterns (Figure 34). Under flood conditions, the amount of the time the bed was mobilized was homogenous throughout the estuary; on average the bed was mobilized 40% of the time during the flood. Conversely, during the ebb the bed was mobilized in a gradient from north to south. In the northern reaches of the estuary, the bed was mobilized more frequently compared to the areas near the mouth.

The mobilization of the bed was more asymmetric throughout the tidal cycle in M14 (Figure 35). During the ebb, a majority of the core locations were mobilized about 60-80% of the time. The northern locations were mobilized about 80% of the time; the only locations that were mobilized less than 50% were in the southern reaches of the estuary. In contrast, during the flood, mobilization was more homogenous throughout the estuary. The area approximately 4-5 km from the mouth was mobilized most

frequently (about 50% of the time), while the rest of the study site was mobilized less frequently, with an average frequency of 30%.

The Rouse parameter, P, exceeded 2.5 the majority of the time for median grain size particles for both N13 and M14 model simulations (Figure 36). This indicates that the sediment was being transported as bedload, as opposed to suspended load. The D_{50} of the coarse fraction of the sediment was being moved in the water column only 2.7 % of the time during the November 2013 model run and 2.4 % of the time during May 2014.

Tidally averaged bedload transport rates for the median grain size under low discharge conditions (N13) and high discharge conditions (M14) indicate that most areas consistently had ebb-dominated transport patterns (Figure 37). In M14, the sediment was moving towards the Sound for the majority of sample locations. Under low discharge conditions (N13), the lower estuary had areas with net northward transport while the upper estuary had net southward transport. The magnitude of net bedload transport was smaller in N13 compared to M14. Bedload calculations assumed transportable material is available; sandy bed material is not commonly a limiting factor in bedload transport (Horne and Patton, 1989).

The D_{10} often was within the mud fraction for the mud drape, and therefore was a way to represent the mobilization of the mud drape. Additionally, the floc sizes (100 – 200 microns, Milligan pers. comm.) in the water column were comparable to the D_{10} . Assuming the flocs in the water column made up the mud drape, which was supported by visual evidence of flocs in the mud drape, the D_{10} of the disaggregated bottom sediment was representative of the mud drape sediment. In N13, the D_{10} was mobilized heterogeneously, with no apparent pattern, throughout the estuary, while in M14 the

upper estuary was mobilized \sim 70% of the time and the lower estuary was mobilized 30-40% of the time (Figure 38). The mobilization of the D_{10} , or mud drape, was similar between the ebb and flood during N13 (Figure 39). The lower estuary (~2 km from the mouth) and the area ~ 8 km from the mouth were mobilized frequently (>50% of the time), while the middle estuary (~ 6 km from the mouth) was mobilized $\sim 30\%$ of the time. In M14, there was asymmetry between the mobilization during the flood and ebb (Figure 40). During the flood, the sediment (D_{10}) was mobilized on average 40% of the time, with peaks of mobilization \sim 5 km from the mouth and adjacent to the mouth. During the ebb, the upper estuary was mobilized 80-100% of the time; the lower estuary is mobilized less frequently. The net bedload transport per tidal cycle of the D_{10} in N13 was near zero, with dominant seaward transport ~ 12 km from the mouth and net landward transport ~ 5 km from the mouth (Figure 41A). Adjacent to the mouth, bedload was near zero. Landward transport was dominant at locations up to ~ 10 km from the mouth. During M14, the net bedload of the D_{10} was seaward in the upper estuary; in the lower estuary (0-4 km from the mouth), the net transport was near zero, with some landward transport (Figure 41B). Net bedload transport calculations of the D_{10} assumed that sediment was available for transport at each location; transport could have been limited by sediment supply. The Rouse parameter for the D_{10} indicated that the sediment was often transported as suspended load or a mixture of suspended and bed load.

4.5 Shear Stresses, Drag Coefficients, and Roughness

Calculated boundary shear stress values from the Reynolds and TKE methods were similar (1:1 ratio), while the ID method underestimated shear stress (Figure 42). Furthermore, the Reynolds stresses and the shear stresses derived from the TKE method were similar to the shear stresses calculation using the QSL with a constant drag coefficient of 3×10^{-3} . The drag coefficients and roughness lengths for each measurement period indicated variations in roughness throughout the estuary (Figure 43).

Percent fines and the drag coefficient over all methods were significantly related as an exponential function (Figure 44, R²=0.13, p<0.05). The greater the percent of fines in the sediment, the lower the drag coefficient. However, once a certain threshold of fine sediment was reached, changes in the drag coefficient were small and insignificant. No relationship was evident between the D_{50} and the drag coefficient (Figure 45).

Calculated z_0 values from the ADV data were smaller than those calculated using hydraulic roughness (Table 3) in areas with bedforms; in areas with no bedforms, z_0 was on the same order of magnitude using the Reynolds, TKE, and ID methods compared to the roughness length calculated using Equation 9. The form drag component of the hydraulic roughness was the largest component; it was 1-2 orders of magnitude larger than the contributions due to the grain diameter and bedload.

4.6 Comparison of model and field data

Modeled shear stress and field observations of shear stress were comparable (Figures 27-32). The amplitudes of the shear stresses were similar (Figures 27-29), and the timing of the shear stresses was aligned for the most part (Figure 28-31) with only slight phase changes (Figures 27, 32). Shear stresses were compared from field observations at anchor stations to shear stresses at the nearest core locations from that field experiment. This small discrepancy in location could account for slight phase shifts and amplitude differences. Likewise, bedload transport rates were also comparable between model and field data (using the QSL). Shear stress measurements without

using a constant drag coefficient of 3.0×10^{-3} (Reynolds, TKE, and ID methods) also agreed relatively well with the modeled shear stresses. However, the shear stresses and transport rates using these methods were lower compared to those calculated using the model or the QSL (Figures 30-32).

While bedload transport rates between the model and field data were comparable, the cumulative bedload transport rates over the measurement period differed by up to a factor of 2 (Figure 30). These differences in cumulative transport could lead to erroneous net bedload transport rates using the modeled shear stress. The field measurements did not capture a full tidal cycle, so I am unable to determine whether the tidally averaged bedload was affected by the differences between the model and the observations. Further comparison between modeled and observed shear stress are discussed in section 5.4.

4.7 Bedform Fields

Eight distinct bedform fields (BFF 1-8) with different morphologies (i.e. characteristic wavelengths and amplitudes) were identified on the USGS survey within the estuary (Figure 46). The largest sand waves were in the northern part of the study area; the amplitude of the sand waves decreased moving towards Long Island Sound. The majority of the waves were ebb-oriented; only the southern part of the southern-most bedform field displayed flood-dominated bedforms (Figure 46).

The characteristic wavelengths of the BFFs are described in Table 4. BFF1 was characterized by ebb-oriented sand waves with amplitudes of 2 m (Figure 47A). In BFF2 and BFF3, the sand waves had amplitudes of 0.5 m (Figure 47B,C). BFF4, which was located where the channel constricts, had amplitudes of 2 meters (Figure 47D). BFF5 was characterized by 1 meter sand waves (Figure 47E). Sand waves in BFF6 had

amplitudes of 0.5 m (Figure 47F). The bedforms within BFF7 had amplitudes of 1 – 1.5 m (Figure 47G). While the sand waves in BFF8 in the northern portion were ebbdominated, as denoted by shape, they were not as unidirectional as the other bedforms in the northern BFFs. They had a 0.5 m amplitude (Figure 47H). The middle transect in BFF8 also had the same amplitude as the northern transect in BFF8, but the bedforms had a more ebb-dominated shape (Figure 47I). The southern-most transect in BFF8 hosted flood-dominated bedforms with similar amplitudes as the other transects in BFF8 (Figure 47J). The reported amplitudes were approximations; the bedforms are modified during the tidal cycle (Horne and Patton, 1989) and therefore more measurements are required to determine the amplitudes more precisely. Wavelengths and bedform orientation from transects identified from the echosounder surveys agreed with transects from the USGS survey (e.g. Figure 48; Table 4).

5. Discussion

5.1 Discharge-Driven Bed Morphology and Bedload Sediment Transport

The bottom sediment characteristics and net bedload sediment transport direction suggest that river discharge governs the bed morphology of the estuary, and tidal influences are secondary. In M14, instantaneous discharge, as well as cumulative discharge leading up to sampling, was the highest of all sampling periods (~1250 m³/s; Figure 5) and is referred to as the "high-discharge condition". N13 had the both the lowest instantaneous discharge of all sampling periods, the lowest cumulative discharge leading up to sampling of all sampling periods (~400 m³/s; Figure 5), and was lower than the annual long-term average (~450 m³/s) discharge and will be considered the "low-discharge condition".

5.1.1 High-Discharge Conditions – May 2014

Under high discharge conditions during M14, grain size decreased towards the mouth of estuary (Figure 15). The gradual fining of the grain size of the coarse fraction of the sediment towards the river mouth is consistent with hydrodynamic control (McLaren, 1981). Well-sorted sediments are also a marker of a system dictated by unidirectional flow; in M14, the sediments were more sorted compared to other field seasons (Figure 20). This indicates that under high-discharge conditions (M14), the river was the primary force affecting the grain size distributions and tidal and residual currents are secondary. The decrease in sorting near the mouth under high-discharge conditions suggests that tidal influences do affect the grain size distributions in the lower estuary. The high river discharge, leading to the expulsion of the salt intrusion from the estuary,

did not allow the storage of fine sediments on the bed within the channel; the only locations with storage of fines are the sides of the channel (Figure 17) or the coves (Woodruff et al., 2013). The estimated boundary shear stresses from the river alone using the river discharge and cross-sectional area of the channel (Anderson and Anderson, 2010) for ~ 8 km and ~ 6 km from the mouth were 1.77 N/m² and 1.82 N/m² during high-discharge (M14), respectively. This is compared to boundary shear stresses of 0.66 N/m^2 and 0.67 N/m^2 during low-discharge (N13) at the same locations, once again ignoring tides. During high-discharge, the calculated shear stress values for the river alone were more than double the shear stress from the river alone during lowdischarge and exceed the observed shear stresses (τ_0). [This is compared to an extreme event like the five-year flood Hurricane Irene with a peak discharge of 3625 m³/s, which relates to calculated stresses from the *river alone* of 9.5 and 9.8 N/m² at the same locations.] This is in comparison with measured shear stresses, representative of the role of the tides, of $\sim 1 \text{ N/m}^2$ in both N13 (6 and 8 km from the mouth) and M14 (6 km from the mouth). During M14, the shear stress from discharge plays a larger role, while in N13, the tides play a larger role compared to discharge near the mouth. The highdischarge period (M14) exhibited the largest average D_{50} , further supporting the correlation between discharge and the sediment distributions.

Net bedload calculations for the median grain size suggested net southward transport during high-discharge conditions throughout the majority of the estuary (Figure 37B). Near the mouth in the lower estuary was a region of net landward bedload transport. These patterns of bedload transport were reflected in the bedform orientation. Bedforms throughout the majority of the estuary, historically (Horne and Patton, 1989)

and from the present study, were ebb-oriented, or suggested southward sediment transport. The only observed flood-oriented bedforms were very near the mouth and were surrounded by ebb-oriented and bidirectional bedforms (BFF8, Figure 46, 47). The bedform orientations agree with net bedload transport under high-discharge conditions, indicating that these bedforms are representative of high-discharge conditions.

Under the high-discharge conditions, the tides only influenced the bed morphology of the estuary near the mouth. The sediment distributions had higher variance near the mouth and were more poorly sorted. Furthermore, the flood-oriented bedforms near the mouth and net bedload calculations indicated that sediment was driven landward, likely by the tidal currents.

5.1.2 Low-Discharge Conditions – November 2013

During low discharge periods (N13) grain size and sorting changes reflected a more balanced discharge-tidal regime. The sediments were more poorly sorted (Figure 20) and the median grain size was significantly different than the D_{50} during high discharge.

Net bedload transport calculations for the D_{50} indicated seaward movement of bedload sediment in the upper estuary and landward movement in the lower estuary, up to 8 km north of the mouth (Figure 37A). The direction of net bedload transport under low-flow conditions did not correspond to bedform direction in the middle of the estuary; only the northern-most bedforms correspond to the seaward bedload transport and the southern-most bedforms correspond to the landward bedload transport. In the middle of the estuary, the direction of net bedload transport varied. This indicates that tides are playing a larger role in bedload transport ~8-10 km from the mouth compared to

bedload transport in the same location under high-discharge conditions.

Ultimately, the grain size and sorting are able to respond to discharge changes and tidal currents, but the larger scale bedforms (> 0.5 m) reflect the high-discharge condition and are only altered on smaller scales due to tidal transport.

5.2 Two Distinct Sediment Populations

Bottom sediment samples showed two sediment size classes in the Connecticut River estuary: sand and mud. The sand (mean $D_{50} = 300 \ \mu\text{m}$) and mud (mean $D_{50} = 5\text{-}10 \ \mu\text{m}$) made up a bimodal sediment distribution (Figure 18B) throughout most of the estuary (Appendix A.2). In the upper estuary, the sediment tended toward a unimodal distribution with only the sand fraction present, while in the lower estuary (0 to 3 km) both fractions were present in all samples.

The sand fraction made up the majority of the bed of the estuary. The sand fraction moved primarily as bedload; the Rouse parameter for the D_{50} exceeded 2.5,the threshold between bedload and suspended load, and was less than 12, an approximate threshold for grain movement, ~25% of the time in N13 and ~30% of the time in M14. The threshold of a P value of 12 for the threshold of grain movement was determined experimentally by comparing the P value to the calculated critical shear stress for each core location. This indicates that the sediment was moving as bedload 25% of the time in N13 and 30% of the time in M14. On average, the sand was not being transported the majority of the time (Figure 36); this varied by location and phase of the tide (Figure 33-35). Furthermore, the sand waves were oriented southward, which is indicative of net seaward bedload transport.

The mud fraction was primarily found on the margins of the estuary (Figure 12,

17). Fine sediments were consistently found throughout all field seasons on the western sides of the channel ~8 km from the mouth. Fine sediments were also commonly found as a 'mud drape' (Figure 6D). Although the locations of these two types of mud areas (muddy cores or cores with a mud drape) were different, the grain size distributions of the muds were similar throughout the estuary (Figure 21), suggesting that the mud fraction distribution was homogenous throughout the estuary, even though the absolute amount of mud in the estuary varied. The fine sediment in the water column had a similar distribution to that of the mud found on the bed, both in the mud drape and on the margins (Figure 49, Milligan pers. comm.), suggesting that it is the same material throughout the estuary, both on the bed and in the water column.

The Rouse parameter suggested that the muds were moving through the estuary primarily as suspended load; however, these calculations are from disaggregated particles. The value of *P* suggested that these particles would almost *never* settle, but we know that this was not the case, as we saw mud accumulation on the sides of the channel and in the coves (Woodruff et al. 2013), as well as the mud drape. The sides of the channel and the coves are likely stress refuges that have low enough shear velocities to allow particles to settle; however the mud drape occurred in areas that experience high stresses. The presence of the mud drape suggests enhanced particle settling; the settling velocity of the disaggregated particles was small and cannot account for a layer of mud on the bed. For the Rouse Parameter to suggest that these particles are being transported as suspended load, the necessary shear velocity is 0.000029 - 0.00012 m/s (or a boundary shear stress of $8.8 \times 10^{-7} - 1.4 \times 10^{-5}$ N/m²). This relates to a current velocity of 0.00054 - 0.0022 m/s at one meter above the bed. During the measurement periods and in the

model, velocities consistently exceeded this value. Without enhanced settling, the mud drape could not exist. Potential mechanisms for enhanced settling include flocculation, stratification, and sediment trapping at fronts. Direct measurements of suspended particles showed floc sizes in the range of 100-200 microns, indicating that flocs were present and are at least one of the mechanisms for enhanced settling (Kineke et al. 2014).

High accumulation rates of fine sediments in the coves (Woodruff et al. 2013) can be explained by northward movement of fines during low-discharge conditions; muds initially delivered to Long Island Sound are transported northwards into the estuary with the migration of the salt intrusion. The landward extent of the salt intrusion, which is dictated by river discharge, correlates with the location of fine sediments within the channel of the estuary (Figure 50, Wehof pers. comm.). Under high discharge conditions, the salt wedge is expelled from the estuary and most fine sediments are in suspension and discharged to Long Island Sound. Fine sediments were only found in lower 4 km from the mouth in the channel in M14, under the highest discharge conditions and the southern-most position of the salt intrusion. In M13, under moderate-flow conditions (\sim 500 m³/s; Figure 5), the salt intrusion did not extend beyond 10 km from the mouth; fine sediments were present in the channel up to 10 km north of the mouth. Under the low-discharge conditions, the salt intrusion extended throughout the entire study area and fine sediments were observed in the channel throughout the estuary. The landward transport of fine sediments accompanies the migration of the salt, introducing them to the channel in the upper reaches of the estuary and eventually onto the margins or into the coves. Similarly, using the D_{10} as a proxy for the mud drape, the calculated net bedload transport of the D_{10} had landward transport up to ~10-11 km from the mouth in N13

and ~4 km from the mouth in M14 (Figure 41). This corresponds to the same distances landward that fine sediments were observed in the channel, suggesting that the fine fraction of sediments are transported landward.

5.3 Roughness

Although the roughness length and drag coefficient were highly variable, the results showed specific trends that affect sediment transport patterns. The drag coefficient was correlated to percent fines (Figure 44). The amount of mud in the location affected the drag coefficient more than small changes in the grain size (C_{100} is not related to D_{50}).

Calculations of the drag coefficient from current velocity measurements showed variations that can be attributed to the surrounding bedform fields. In BFF8 near the mouth of the estuary there was a trend in the drag coefficient in all three methods with changing current velocity (Figure 31). I hypothesize that the "cyclical" variations were due to roughness from the bedforms near the study area. Net bedload calculations at this location were both seaward and landward; this indicates that the bedforms were often reworked and modified during by tidal currents. Furthermore, the sand waves were more bidirectional in this area, with evidence of both flood and ebb currents. Migrating sand waves (or migrating ripples on top of the sand waves) and changes in the shape of the bedforms through the tidal cycle can change the drag coefficient. Likewise, in BFF4 there were changes in C_{100} during the flood tide that follow the same trend (Figure 27). Bathymetry surveys showed smaller ripples on top of the sand waves in this region; the large stoss surface of the sand waves are conducive to forming smaller sand waves that change through a tidal cycle.

The location of the tripod relative to the bedforms affected the roughness

calculation. One station was located between two bedform fields and due to the change in tides, the measurements were taken in two locations ~120 m from each other (May 14, 2014; Figure 30). For the first half of the time series, the flow was flooding; during the second half of the time series, the flow was ebbing. From 10:00 to 13:00, the measurements are downstream of BFF8. In the later part of the time series, the flow had passed along a narrow area without bedforms, immediately to the northeast of BFF7. These different pathways affected what roughness is being measured (Figure 51). Early in the time series, C_{100} was variable; later in the time series the drag coefficient was constant (Figure 30C). The variable roughness from the bedforms could also suggest tidal modification of the bedforms, while the constant drag coefficient from the planar bed demonstrates that flat beds have constant roughness.

A variable value for the roughness or drag coefficient should be used when calculating sediment transport in places with bidirectional flow and bedforms. Using a constant value, or taking the mean of measured roughness length or drag coefficient over time, does not capture the variable bottom that interacts with the flow. The "scatter" in the drag coefficient data within each method (scatter between methods is from the use of the different methods) represented real variations in the drag coefficient, roughness, and changes to the relative effects of form drag and skin friction over time.

The discrepancy in the roughness length between those calculated using k'_b (Equation 9) and those using the ADV data directly was partially accounted for by the position of bedforms and effective shear stress due to skin friction. In areas with bedforms, k_{bm} , the bedload roughness, was overestimated. When bedforms are present, the stress felt by the bed is less than the total shear stress; the bedforms dissipate some

of the turbulent energy. Therefore the effective energy that transports bedload is decreased, causing bedload transport to be over-predicted compared to actual rates.

5.4 Observations and the Model

Many of the differences between observed shear stresses and those determined using the model can be attributed to stratification and bedforms. At the anchor station between BFF7 and BFF8 on May 14th, 2014, the shear stress between 14:30 and 17:00 was much larger in the model compared to the measured stresses (Figure 30). At the time of peak shear stress calculated by the model (τ_m ; ~4 N/m²), the tide was ebbing and a thin layer of saline water close to the bed was present (Kristiansen, pers. comm.). This thin layer of stratification was not in the model output used in these calculations. Stratification suppresses turbulence, which would explain the lower values of τ_o during this time period.

The largest phase shifts observed between τ_m and τ_o occur in areas of large bedforms. On November 5th, 2013 in BFF4, the modeled shear stress was much higher in the beginning of the time series compared to the measured shear stress (Figure 27). This anchor station was near the largest bedforms and takes place during the flood and the transition to slack water. A similar phase shift occurred within BFF8 (Figure 32). In this case, the anchor station was located on the transition between BFF8a and BFF8b, where the shape of the bedform crests changed (Figure 46). The irregular shape was likely more affected by tidal modification of the bedforms, which could have led to the difference between τ_o and τ_m . Other anchor stations (Figure 28, 29) had no phase shift and were in areas with small or no bedforms.

5.5 Long Term Bathymetric Patterns

The BFFs of the Connecticut River estuary were persistent over a minimum of 25 years, under normal conditions as well as following storm conditions, based on previous work (Horne and Patton, 1989), the USGS bathymetric data (Figure 46, 47) and the echosounder data from this study (Figure 48, Table 4). While the individual sand waves were modified by the tides and migrate accordingly, the overall morphology of each BFF remained a constant. Horne and Patton (1989) identified major bedform fields and compared 1980s bathymetry with navigational charts dating to the early 1900s. They found that the bed morphology in the Connecticut River estuary did not appreciably change during that time period. With an increased number of surveys, this study was able to distinctly identify five of the bedform fields described by Horne and Patton (1989) as five of the BFFs identified from the USGS survey (Table 4).

Furthermore, the survey done by the USGS was completed just prior to Hurricane Sandy. Hurricane Sandy, which made landfall on October 29, 2012, was a large event that impacted the coastline of the Connecticut River estuary. The wavelengths of the BFFs identified from this survey were similar to those from the echosounder surveys taken following the hurricane (Table 4). The similarities between the bed morphologies over 25 years between the study by Horne and Patton (1989) and the side-scan sonar survey, in addition to consistent bedform wavelengths before and after a major storm, suggest that the major processes driving bed morphology in the Connecticut River estuary, including river discharge, tides, and sediment supply, have not changed.

Near the mouth (2 km from the mouth), the D_{50} is on average 200-250 microns. The mean flow velocities necessary for large sand waves for this grain size are 0.60-

0.90 m/s; for ripple formation for this grain size, the mean flow velocities would need to be 0.15-0.60 m/s (Blatt et al., 1980). In M14, velocity measurements 1 mab achieved 0.40-0.50 m/s. In N13, velocity measurements 1 mab reached 0.50-0.60 m/s during maximum flood. Approximately 8 km from the mouth, the D₅₀ is 350-375 microns. This relates to mean flow velocities of 0.50-1.00 m/s for dunes and 0.20-0.50 m/s for ripples (Blatt et al., 1980). In N13 at maximum flood, velocities reached 0.40 m/s 1 mab. During an extreme event (ex: Hurricane Irene), the estimated flow velocities exceeded 1.75 m/s 1 mab, which lies in the range of upper plane bed or antidunes (Blatt et al. 1980), which were not observed in the field. The maximum flow velocities during the average tidal cycle in N13 and M14 at 1 mab are comparable to the necessary depthaveraged velocities to form ripples and nearing the dune/sand wave regime.

5.6 Comparison to the Hudson River Estuary

Similarities between the underlying geology and structure of the Hudson River estuary and the Connecticut River estuary provide for a direct comparison between these two systems. Both estuaries are classified as drowned river valley estuaries and have a general north-south geometry. The salinity structures of both estuaries are considered partially-mixed (Garvine, 1974; Geyer et al. 2001). The maximum landward extent of the salt intrusion in Hudson River estuary is much longer (80 km) compared to that of the Connecticut River estuary (15 km).

The Hudson River supplies an estimated 0.2 - 1 million tons of sediment to New York Harbor annually (Bokuniewicz, 2006). The bed of the estuary is composed of primarily fine material; however the channel in the lower estuary is made of medium and fine sands (Ralston et al. 2012). The Hudson River estuary is known to have large sand

waves on the bed, oriented primarily seaward (Bokuniewicz, 2006). There is evidence for some landward oriented bedforms in bifurcated channels. Sand waves have been observed in New York Harbor oriented landward (Bokuniewicz, 2006). Modeled suspended-sediment transport in the estuary suggests strong landward movement of sediment within the channels and seaward transport of sediment on the shoals (Ralston et al., 2012).

The Connecticut River is estimated to deliver on the order of millions of tons of sediment to Long Island sound per year, suggesting that the Connecticut delivers more sediment. The Hudson River estuary contains more fine sediments; however the distribution of sand in the channel and fines in the margins is consistent between both estuaries. The sand waves present in the channels in both estuaries have similar morphologies; they are landward near the mouth and seaward in the upper estuary. The present study suggests seaward bedload transport in the mid-to-upper estuary and landward bedload transport near the mouth. Furthermore, this study suggests landward advection of fine suspended sediments during low-discharge conditions within the channel, similar to the landward transport of fine sediments described in the Hudson. In the Connecticut River estuary, further work is needed to determine the fine suspended sediment transport direction on the margins of the channel. Although there are differences in the length of the estuary and the amount of fine sediments, the transport patterns within the two estuaries are very similar.

5.7 Future Work

Sediment sampling was limited by water depth and boat capabilities; we were unable to survey areas in depths less than ~ 2 m and therefore only know the sediment

distribution within the channel. Determining the sediment distribution on the margins could help identify areas of fine sediment trapping; fine sediments were not found preserved on the bed in the channel and therefore no fine sediment trapping mechanism leading to localized accumulation is supported by the bed grain size data. Another avenue of future exploration is to look at the specific behavior and configuration of the sediment. Different packing of the bed with the same sediment composition can lead to different critical shear stresses. Additionally, the behavior of the mud in the estuary is an area of interest. If the mud drape is not cohesive and the muds on the sides of the channel are found to be cohesive, this could alter transport patterns and could be a part of a potential trapping mechanism. Lastly, future work should examine the role of bedforms in dissipating energy and shear stress.

6. Summary

Through intensive, high-resolution surveys of the Connecticut River estuary over four field experiments spanning two years and utilizing a three-dimensional circulation and sediment transport model, we are able to conclude that the annual high discharge conditions are likely responsible for seaward-oriented sand waves that are only slightly modified by tidal currents under low discharge periods. The grain size of the bed of the estuary changes between high and low discharge periods, reflecting the recent flow regime (Figure 13). During high discharge conditions, net bedload transport is primarily seaward throughout the estuary (Figure 37B). Under low discharge conditions, net bedload transport is landward in the lower estuary and seaward in the upper estuary (Figure 37A). The net amount of sediment transported per tidal cycle is greater under high discharge conditions (Figure 37).

The estuary bed is characterized by two distinct sediment populations: the sandy fraction and a fine fraction (Figure 12, 13). The fine fraction is preserved on the margins or near the mouth of the estuary; the mud is not observed in the channel bed beyond the extent of the salt intrusion (Figure 14). The salt intrusion likely plays an important role in transporting sediment recently discharged into Long Island Sound or deposited near the mouth of the estuary. The balance of discharge and tidal mixing sets the distance of the tidal intrusion in the estuary; the tidal resuspension of fines at medium to low discharge allows landward transport and eventual deposition in margins and coves within the estuary (Figure 50).

Roughness in the estuary is variable and is dominated by bedforms (Figure 43). Tidal modification of the bedforms, in addition to the change in direction of the flow

can alter the roughness lengths. Additionally, relative location of measurements to bedforms can result in different estimates of roughness within or between bedform fields. Bedload calculations are sensitive to roughness changes, and therefore should be incorporated into transport models.

Bathymetry surveys from prior studies in the 1980s (Horne and Patton, 1989), a detailed pre-Hurricane Sandy USGS side-scan and multibeam sonar survey (Figure 46, 47), and post-Hurricane Sandy echosounder surveys (Figure 48, Table 4) show consistent bedform fields over a span of 25 years. This suggests that the major processes driving bed morphology in the Connecticut River estuary, including river discharge, tides, major storms and sediment supply, have not changed significantly in the past 25 years. The smaller bedforms (<1 m) observed in the field are able to be formed by maximum spring tidal currents and the larger bedforms (1-2 m) are able to be formed by annual flood events. Extreme events would likely form plane beds or antidunes, which were not observed in the field. Therefore, the bedforms observed in the field reflect typical conditions rather than extreme events.

7. References

- Ackerman, S.D., Foster, D.S., Moore, E.M., Irwin, B.J., Blackwood, D.S., In preparation, 2015, High-resolution geophysical and sampling data collected at the mouth of Connecticut River, Old Saybrook to Essex, 2012, USGS Field Activity 2012-024-FA: U.S. Geological Survey data release.
- Anderson, R.S., and S.P. Anderson, 2010, *Geomorphology*, Cambridge University Press, Cambridge.
- Barbier, E.B., Hacker, S.D., Kennedy, C., Koch, E.W., Stier, A.C., and B.R. Silliman,
 2011, The value of estuarine and coastal ecosystem services, *Ecological Monographs* 81: 169-193.
- Blatt, H., Middleton, G., and R. Murray, 1980, *Origin of Sedimentary Rocks*, Prentice-Hall Inc, Englewood Cliffs.
- Blott, S.J., and K. Pye, 2001, GRADISTAT: a grain size distribution and statistics package for the analysis of unconsolidated sediments, *Earth surface processes and Landforms* 26(11): 1237-1248.
- Bokuniewicz, H., 2006, "Sedimentary Processes in the Hudson River Estuary", *The Hudson River Estuary*. Ed. Jeffrey S. Levinton and John R. Waldman. 1st ed. Cambridge: Cambridge University Press, pp. 39-50.
- Bowden, K.F., and L.A. Fairbairn, 1956, Measurements of turbulent fluctuations and Reynolds stresses in a tidal current, *Pro. Royal Soc., London*, 237(1210): 422-438.
- Boyd, W.A., 1976, Hydrography, in The Connecticut River Ecological Study, p. 25-34. Buffington, J.M., 1999, The legend of A.F. Shields, *Journal of Hydr. Engineering*,

ASCE, 125(4): 376-387.

- Channon, R.D., and D. Hamilton, 1971, Sea bottom velocity profiles on the continental shelf southwest of England, *Nature*, 231: 383-385.
- Charnock, H., 1959, Tidal friction from currents near the sea bed, *Geophys. J.R. Astron.* Soc., 2:215-221.
- Dancey, C.L., Diplas, P., Papanicolaou, A., and M. Bala, 2002, Probability of individual grain movement and threshold condition, *Journal of Hydr. Engineering*, ASCE, 128(12): 1069-1075.
- Dean, W.E., 1972, Determinations of carbonate and organic matter in calcareous sediments and sedimentary rocks by loss-on-ignition: comparison with other methods, *Journal of Sediment. Petrol.*, 44: 242-248.
- Dewey, R.K., and W.R. Crawford, 1988, Bottom stress estimates from vertical dissipation rate profiles on the continental shelf, *Journal of Physical Oceanography*, 18: 1167-1177.
- Dey, S., 2003, Threshold of sediment motion on combined transverse and longitudinal sloping beds, *Journal Hydr. Research*, 41(4): 405-415.
- Dyer, K.R., 1970, Current velocity profiles in a tidal channel, *Geophys. J.R. Astron. Soc.*, 22:153-161.
- Dyer, K.R., 1972, Bed shear stresses and the sedimentation of sandy gravels, *Marine Geology*, 13: M31-M36.
- Dyer, K.R., 1980, Velocity profiles over a rippled bed and the threshold of movement of sand, *Estuarine Coastal Marine Science*, 10:181-199.

Dyer, K.R., 1986, Coastal and Estuarine Sediment Dynamics, John Wiley and Sons,

Chichester: pp. 342.

Friedrichs, C.T., 2009, York River physical oceanography and sediment transport, Journal of Coastal Research: 17-22.

Folk, R.L., 1966, A review of grain-size parameters, Sedimentology, 6: 73:93.

- Folk, R.L., and W.C. Ward, 1957, Brazos River bar: a study in the significance of grain size parameters, *Journal of Sedimentary Research* 27.1, 3-26.
- Galperin, B., Kantha, L.H., Hassid, S., and A. Rosati, 1988, A quasi-equilibrium turbulent energy model for geophysical flows, *Journal of Atmospheric Science*, 45: 55-62.
- Garvine, R.W., 1974, Physical Features of the Connecticut River Outflow During High Discharge, *Journal of Geophysical Research* 79(6), 831-846.
- Garvine R.W., 1975, The distribution of salinity and temperature in the Connecticut River Estuary, *Journal of Geophysical Research* 80(9): 1176-1183.
- Geyer, W. R., Lavery, A. C., Scully, M. E., and Trowbridge, J. H., 2010, Mixing by shear instability at high Reynolds number, *Geophysical Research Letters*, v. 37, L22607, p. 1-5.
- Geyer, W.R., Woodruff, J.D., and P. Traykovski, 2001, Sediment transport and trapping in the Hudson River estuary, *Estuaries* 24(5), 670-679.
- Gordon, R.B., 1980, The sedimentary system of Long Island Sound, in Saltzman, B., ed., *Estuarine physics and chemistry: Studies in Long Island Sound: Advances in Geophysics*, 22:1-35.
- Grant, W.D., and O.S. Madsen, 1982, Movable bed roughness in oscillatory flow, Journal of Geophysical Research, 87: 469.

- Heathershaw, A.D., 1981, Comparisons of measured and predicted sediment transport rates in tidal currents, *Marine Geology*, 42: 75-104.
- Heathershaw, A.D., and F.D.C. Hammond, 1979, Swansea Bay (Sker) Project Topic
 Report, 6. Offshore sediment movement and its relation to observed tidal current
 and wave data, *Inst. Oceanogr. Sci. Rep.*, 93: 119 pp.
- Horne, G.S., and P.C. Patton, 1989, Bedload-sediment transport through the Connecticut River estuary, *Geological Society of America Bulletin* 101: 805-819.
- Kim, S.-C., Friedrichs, C.T., Maa, J.P.-Y., and L.D. Wright, 2000, Estimating bottom stress in tidal boundary layer from Acoustic Doppler Velocimeter data, *Journal of Hydraulic Engineering*, 126(6): 399-406.
- Kineke, G.C., Kristiansen, E.R., Ralston, D.K., and W.R. Geyer, 2014, Fine sediment transport in the Connecticut River estuary, Ocean Sciences poster presentation.
- Komar, P.D., 1976, Boundary layer flow under steady unidirectional currents, *Marine* Sediment Transport and Environmental Management: 91-106.
- Lesser, R.M., 1951, Some observations of the velocity profile near the sea floor, *Tran. Am. Geophys. Union*, 32: 207-211.
- Madsen, O.S., and P.N Wikramanayake, 1991, Simple Model for Turbulent Wave-Current Bottom Boundary layer Flow, DRP-91-1, Ralph M. Parsons Laboratory, Massachusetts Institute of Technology, Cambridge, 150.
- Mantz, P.A., 1977, Incipient transport of fine grains and flakes by fluids extended shield diagram, *Journal of the Hydraulics division* 103: ASCE 12992.
- Mariotti, G., Valentine, K., and S. Fagherazzi, 2014, Time-dependent behavior of cohesive sediments subjected to erosion and deposition cycles, *Ocean*

Dynamics.

- McCave, I.N., 1973, Some boundary-layer characteristics of tidal currents bearing sand in suspension, *Mem. Soc. R. Sci. Liege*, 6e Ser., pp. 187-206.
- McLaren, P., 1981, An interpretation of trends in grain size measures, *Journal of Sed. Petrology* 51: 611-624.
- Meade, R.H., 1966, Salinity variations in the Connecticut River, *Water Resource Research* 2(3): 567-579.
- Mehta, A.J., Hayter, E.J., Parker, W.R., Krone, R.B., and A.M. Teeter, 1989, Cohesive Sediment Transport. I: Process Description, *Journal Of Hydraulic Engineering*, 115: 1076-1093.
- Merriman, D. and L.M. Thorpe, 1976, *The Connecticut River Ecological Study: The Impact of a Nuclear Power Plant*, American Fisheries Society, Washington, D.C., pp. 251.
- Middleton, G.V., and J.B. Southard, 1984, Mechanics of sediment movement, SEPM.
- Milligan, T.G., Kineke, G.C., Blake, A.C., Alexander, C.R., and P.S. Hill, 2001,
 Flocculation and Sedimentation in the ACE Basin, South Carolina, *Estuaries* 24(5): 734-744.
- National Science Foundation Proposal 1232928, 2012, Frontogenesis and Fine-Sediment Trapping in a Highly Stratified Estuary.
- Patrick, R., 1996, Rivers of the United States, Volume III: The Eastern and Southeastern States, "Main Stem – Connecticut River," John Wiley & Sons, Inc., New York, New York: p. 114 - 117.

Patton, P.C., and G.S. Horne, 1992, Response of the Connecticut River estuary to late

Holocene sea level rise, Geomorphology, 5: 391-417.

Pope, S.B., 2000, Turbulent Flows, Cambridge University Press, pp. 771.

- Ralston, D.K., Geyer, W.R., and J.A. Lerczak, 2010, Structure, variability, and salt flux in a strongly forced salt wedge estuary, *Journal of Geophysical Research*, 115: doi:10.1029/2009JC005806.
- Ralston, D.K., Geyer, W.R., and J.C. Warner, 2012, Bathymetric controls on sediment transport in the Hudson River estuary: Lateral asymmetry and frontal trapping, *Journal of Geophysical Research*, 117: doi:10.1029/2012JC008124.
- Shields, A., 1936, Anwendung der Ahnlichkeits Mechanik und der Turbulenzforschung auf die Geshieve Bewegung, Preussische Versuchanstalt fur Wasserbau und Schiffbau, Berlin.
- Soulsby, R., 1997, *Dynamics of marine sands: a manual for practical applications*. Thomas Telford.
- Soulsby, R.L, 1983, Chapter 5 The bottom boundary layer of shelf seas, *Physical* Oceanography of Coastal and Shelf Seas, 35: 189-266.
- Soulsby, R.L., and K.R. Dyer, 1981, The form of the near-bed velocity profile in a tidally accelerating flow, *Journal of Geophysical Research* 86: 8067-8074.
- Soulsby, R. L., and R. J. S. Whitehouse, 1997, Threshold of sediment motion in coastal environments, 145.
- Stapleton, K.R., and D.A. Huntley, 1995, Seabed stress determination using the inertial dissipation method and the turbulent kinetic energy method, *Earth Surface Processes and Landforms*, 20: 807-815.

Sternberg, R.W., 1968, Friction factors in tidal channels with differing bed roughness,

Marine Geology, 6: 243-260.

- Sternberg, R.W., 1972, "Predicting initial motion and bedload transport of sediment particles in the shallow marine environment", Swift, Duane, and Pilkey, ed., *Shelf Sediment Transport*, Dowden, Hutchinson and Ross, Inc., Stroudsburg, 61- 82.
- Sternberg, R.W., 1976, Measurements of boundary-layer flow and boundary roughness over Campeche Bank, Yucatan, *Marine Geology*, 20: M25-M31.
- Sternberg, R.W., Kineke, G.C., and R. Johnson, 1991, An instrument system for profiling suspended sediment and fluid and flow conditions in shallow marine environments, *Continental Shelf Research* 11: 109-122.
- Tennekes, H., and J.L. Lumley, 1972, *A first course in turbulence*, MIT Press, Cambridge, Mass.
- Thompson, C.E.L., Amos, C.L., Jones, T.E.R., and J. Chaplin, 2003, The manifestation of fluid-transmitted bed shear stress in a smooth annular flume – a comparison of methods, *Journal of Coastal Research* 19(4): 1094-1103.
- U.S. Geological Survey, 2015, National Water Information System data available on the World Wide Web for Old Lyme, CT (USGS Water Data for the Nation), accessed July 20, 2015, at URL http://waterdata.usgs.gov/ct/nwis/uv?site_no=01194796.
- U.S. Geological Survey, 2015, National Water Information System data available on the World Wide Web for Thompsonville, CT (USGS Water Data for the Nation), accessed July 20, 2015, at URL

http://waterdata.usgs.gov/ct/nwis/uv?site_no=01184000.

Vanoni, V.A., 1964, Measurements of critical shear stress for entraining fine sediments in a boundary layer: *Calif. Inst. Technol.*, W.M. Keck Lab. Of Hydraulics and Water Resources, Rept. KH-R-7, 47 pp.

- Vincent, C.E., and J.G. Harvey, 1976, Roughness length in the turbulent Ekman layer above the sea bed, *Marine Geology*, 22: M75-M81.
- Wentworth, C.K., 1922, A scale of grade and class terms for clastic sediments, *The Journal of Geology* 30(5): 377-392.
- Wiberg, P., and J.D. Smith, 1987, Calculations of the critical shear stress for motion of uniform and heterogeneous sediments, *Water Resources Research* 23(8): 1471-1480.
- Woodruff, J.D., Martini, A.P., Elzidani, E.Z.H., Naughton, T.J., Kekacs, D.J., and D.G.
 MacDonald, 2013, Off-river waterbodies on tidal river: Human impact on rates of infilling and the accumulation of pollutants, *Geomorphology*, 184(2012): 38-50.
- Wright, L.D., 1995, *Morphodynamics of Inner Continental Shelves*, CRC Press, Boca Raton.
- Yalin, M.S., 1972, Mechanics of Sediment Transport, Pergamon Press, University of Minnesota.





8. Figures



Figure 2: Idealized mean velocity profile showing the laminar sublayer, log layer, and outer layer, adapted from Dyer (1986). (A) Smooth turbulent flow. (B) Rough turbulent flow.



the curve to show that there is considerable scatter in these measurements. Figure 3: Shields diagram taken from Vanoi (1964). The black line shows the curve determined by Shields (1936) and data from a variety of studies are superimposed on



Figure 4: Sampling scheme for the four field excursions from November 2012 (N12), May 2013 (M13), November 2013 (N13), and May 2014 (M14). Bottom sediment sampling increased over the field seasons for increased resolution. Cores are samples taken using a HAPS corer (Figure 6) and at anchor stations, a suite of of water column data was collected, including velocity and suspended-sediment

concentration.



Figure 5: (A) Discharge of the Connecticut River over the span of the study, with sampling periods highlighted (USGS gauging station at Thompsonville, CT). (B) Cumulative discharge for two weeks prior to the respective study period. The discharge preceeding the M14 survey was greater than twice that of the other surveys.


Figure 6: The HAPS corer (KC Denmark, A) shallow cores were retrieved (B) and then extruded (C). The corer samples the top ~20 cm and is effective in a range of bottom types, e.g. sand with a mud drape (D), well-sorted medium sand (E), and unconsolidated mud (F).



Figure 7: Tripod with CTD, ADV, ABS, OBS, and pump system after Sternberg et al. (1991). Photo courtesy of G.C. Kineke.



Figure 8: Model domain for the Connecticut River estuary with detailed bathymetry input (A). The FVCOM model uses triangular grid cells (B). (Ralston, *pers. comm*.)



Figure 9: Example grain-size distribution for one of the samples from the present study. The graphical Folk and Ward method can be used to determine median grain size, the D₅₀, and any other percentiles. The grey shaded area is that not resolved by sieving with the Ro-Tap.



Figure 10: Examples of good data (A-C) and bad data (D-F) for the different requirements for the shear stress calculations. The pressure record from the ADV must be steady (A, not D), the pitch and tilt must be steady (B, not E), and heading must also be steady (C, not F).



 $u' + \overline{u} = u_t$

Figure 11: (A) Deviations in the mean velocities create a transfer in momentum (Reynolds stress method). (B) Total kinetic energy is proportional to the shear stress, which was determined empirically using independent measures of energy and shear stress (Kim et al. 2000; TKE method). (C) Inertial range of the energy spectra of the velocity is proportional to shear stress (ID method)



Figure 12: Percent fine sediments (<63 microns) throughout the estuary over the four sampling periods. Brighter colors denote higher percentages.



Figure 13: The median grain size, D_{50} , of the coarse fraction throughout the estuary over the four sampling periods.



Figure 14: Percent fines (<63 microns) along-channel for all cores in the center of the channel (across-channel stations 2-4) (A) and in the whole estuary (B) in all field seasons. Error bars are standard deviations.



Figure 15: D₅₀ of the coarse fraction of sediment (>63 microns) along-channel for all cores in the center of the channel (across-channel stations 2-4) in all field seasons. Error bars are the standard deviation.



Figure 16: Across-channel percent fines (<63 microns) for all stations acrosschannel for all field seasons using all cores. There are significantly more fines on the western side of the channel compared to the center of the channel (p<0.001).



Across-Channel Position

Figure 17: Across-channel percent fines (<63 microns) for all stations acrosschannel for all field seasons using all cores in four areas in the estuary.



Figure 18: (A) Sample with unimodal sediment distribution from the center of the channel ~12 km from the mouth. (B) Sample bimodal sediment distribution from the center of the channel ~2 km from the mouth, with a mode in medium sand and a mode in silts/clays. The fraction at 4.5ϕ is the cumulative mass percent of all sediment finer than 4ϕ .



Figure 19: Grain size sorting from bottom sediment samples separated by sampling area (See location in Figure 17). The x-axis ranges from very-well sorted to very-poorly sorted. Sorting increases with increasing distance from the mouth.



Figure 20: Grain size sorting from bottom sediment samples by field season. The x-axis ranges from very-well sorted to very-poorly sorted. M14 sediment was the most sorted.



Figure 21: Examples of grain size distribution for the fine fraction of the samples determined using the SediGraph. The D_{50} of this fraction is 5-10 μ m.



Figure 22: Organic matter distribution, represented by LOI, throughout the estuary over the four field experiments.



Figure 23: Percent organic matter, determined from loss on ignition, versus percent fines(<63 microns). Organic matter increases with increasing amounts of fine sediments. (n=383, p=0.042, Slope=0.083, Offset=0.53)



Figure 24: Critical Shear Stress for the D50 of the coarse fraction for all field seasons determined by an empirical formulation of the Shields criteria.



Figure 25: Critical shear stress for the D_{10} of the coarse fraction for all field seasons determined by an empirical formulation of the Shields criteria.



Figure 26: Critical shear stress for the D_{90} for all field seasons determined by an empirical formulation of the Shields criteria.



Figure 27: (A) Critical shear stress, determined using sediment grain size and Shields criteria, compared to observed shear stress, using Reynolds, TKE, ID, and QSL methods, and model calculations of shear stress for November 6th 2013 with associated model data. (B) Cumulative bedload transport calculated using Reynolds, TKE, ID, QSL and model shear stresses. (C) Drag coefficients calculated using Reynolds, TKE, and ID methods in relation to the common 3×10⁻³ drag coefficient. (D) Location of measurements (E) and individual casts (numbers refer to order of measurements).



Figure 28: (A) Critical shear stress, determined using sediment grain size and Shields criteria, compared to observed shear stress, using Reynolds, TKE, ID, and QSL methods, and model calculations of shear stress for November 7th 2013 with associated model data. (B) Cumulative bedload transport calculated using Reynolds, TKE, ID, QSL and model shear stresses. (C) Drag coefficients calculated using Reynolds, TKE, and ID methods in relation to the common 3×10⁻³ drag coefficient. (D) Location of measurements (E) and individual casts (numbers refer to order of measurements).



Figure 29: (A) Critical shear stress, determined using sediment grain size and Shields criteria, compared to observed shear stress, using Reynolds, TKE, ID, and QSL methods, and model calculations of shear stress for November 8th 2013 with associated model data. (B) Cumulative bedload transport calculated using Reynolds, TKE, ID, QSL and model shear stresses. (C) Drag coefficients calculated using Reynolds, TKE, and ID methods in relation to the common 3×10^{-3} drag coefficient. (D) Location of measurements (E) and individual casts (numbers refer to order of measurements).



Figure 30: (A) Critical shear stress, determined using sediment grain size and Shields criteria, compared to observed shear stress, using Reynolds, TKE, ID, and QSL methods, and model calculations of shear stress for May 14th 2013 with associated model data. (B) Cumulative bedload transport calculated using Reynolds, TKE, ID, QSL and model shear stresses. (C) Drag coefficients calculated using Reynolds, TKE, and ID methods in relation to the common 3×10^{-3} drag coefficient. (D) Location of measurements (E) and individual casts (numbers refer to order of measurements).



Figure 31: (A) Critical shear stress, determined using sediment grain size and Shields criteria, compared to observed shear stress, using Reynolds, TKE, ID, and QSL methods, and model calculations of shear stress for May 15th 2013 with associated model data. (B) Cumulative bedload transport calculated using Reynolds, TKE, ID, QSL and model shear stresses. (C) Drag coefficients calculated using Reynolds, TKE, and ID methods in relation to the common 3×10^{-3} drag coefficient. (D) Location of measurements (E) and individual casts (numbers refer to order of measurements).



Figure 32: (A) Critical shear stress, determined using sediment grain size and Shields criteria, compared to observed shear stress, using Reynolds, TKE, ID, and QSL methods, and model calculations of shear stress for May 17th 2013 with associated model data. (B) Cumulative bedload transport calculated using Reynolds, TKE, ID, QSL and model shear stresses. (C) Drag coefficients calculated using Reynolds, TKE, and ID methods in relation to the common 3×10^{-3} drag coefficient. (D) Location of measurements (E) and individual casts (numbers refer to order of measurements).



Figure 33: Percent of the time during the model run in November 2013 (A) and in May 2014 (B) that the bed (D_{50}) was mobilized ($\tau_b > \tau_c$). τ_c values are determined using the bottom sediment samples and Shields criteria.



Figure 34: Percent of the time during the model run in November 2013 during the flood (A) and during the ebb (B) that the bed (D_{50}) was mobilized ($\tau_b > \tau_c$). τ_c values are determined using the bottom sediment samples and an empirical formulation of the Shields criteria.



Figure 35: Percent of the time during the model run in May 2014 during the flood (A) and during the ebb (B) that the bed (D₅₀) was mobilized ($\tau_b > \tau_c$). τ_c values are determined using the bottom sediment samples and an empirical formulation of the Shields criteria.



Figure 36: Rouse parameter for the D_{50} histogram for model runs. (A) Example time series of Rouse parameter for one core location in N13 ~2 km from the mouth in the center of the channel. Bottom dashed red line indicates boundary between bedload and suspended load, upper red line indicates boundary between bedload and no transport. (B) N13 and (C) M14 distributions of the Rouse parameter. Frequency is the number of times that a Rouse parameter within the given range was observed during each model run.



Figure 37: Tidally averaged bedload transport rate for November 2013 (A) and May 2014 (B) using model shear stress data and sediment sample grain sizes (D₅₀). Negative indicates ebb-directed transport.



Figure 38: Percent of the time during the model run in November 2013 (A) and in May 2014 (B) that the D_{10} was mobilized ($\tau_b > \tau_c$). τ_c values are determined using the bottom sediment samples and an empirical formulation of the Shields criteria.



Figure 39: Percent of the time during the model run in November 2013 during the flood (A) and during the ebb (B) that the D_{10} was mobilized ($\tau_b > \tau_c$). τ_c values are determined using the bottom sediment samples and an empirical formulation of the Shields diagram.



Figure 40: Percent of the time during the model run in May 2014 during the flood (A) and during the ebb (B) that the D_{10} was mobilized ($\tau_b > \tau_c$). τ_c values are determined using the bottom sediment samples and an empirical formulation of the Shields criteria.



Figure 41: Tidally averaged bedload for November 2013 (A) and May 2014 (B) using model shear stress data and sediment sample grain sizes (D_{10}) . The D_{10} is a proxy for the size fraction of the mud drape.


Figure 42: Comparison of Reynolds, TKE, ID and QSL methods for calculating shear stress. The solid black line on each plot is a 1:1 relationship.



Figure 43: Drag coefficient at 1 mab and the corresponding z_0 for all anchor station measurements over field seasons M13, N13, and M14. Vertical lines indicate a change in time and/or location. See corresponding **Figures 27-32 for locations.**



Figure 44: Drag coefficient at 1 mab versus percent fine sediments with one outlier removed. The data are expressed with an exponential fit (n=36, R^2 =0.13, p=0.0332). Data were averaged by anchor station location for each method.



Figure 45: D50 versus drag coefficient has no trend.



Figure 46: Bedform fields (BFF) 1-8 from north to south. The only flood-dominated section of bedforms is in BFF8 in the southern most region. Transects are marked by lines within the BFFs. Bathymetry data courtesy USGS.



Figure 47: Bedform profiles from Fall 2012 USGS bathymethry survey for each BFF (1-8), with three profiles from BFF8. Profiles are marked in Figure 42. All transects are from north to south. All of the transects have ebb-dominated bedforms except the southern-most transect in BFF8.



Figure 48: Example of processed data from echosounder surveys. BFF4 transect from N13 shown from north to south, with corresponding spectra used to determine the component waveforms.



Figure 49: Grain size distribution of the fine fraction from a mud drape, a core taken from the side of the channel, and the mean grain size distribution in the water column. Water column distribution sized using a Coulter counter (*pers. comm. Milligan*).



Figure 50: (A) Salinity throughout the estuary from N12 through M14 (*pers. comm. Wehof*). (B) Cumulative discharge (see Figure 5) versus extent of salt wedge (panel A). (C) Distance from the mouth that there are fine sediments in the channel (see Figure 14A) versus extent of salt wedge (panel A). Salinity measurements were taken using moored CTDs for a companion paper to the present study. Red boxes in (A) indicate sampling periods, and the red bar within the boxes indicates the average extent of the salt wedge during the sampling period.



Figure 51: Schematic demonstrating that the measured flow reflects the bed it flowed over prior to the measurement. The measurement does not reflect the roughness of the bed immediately below the area sampled.

Table 1: From Soulsby (1983) showing the different calculated drag coefficients and roughness for different bottom types and configurations from multiple studies. The variation factor shown is for the roughness length. These values come from a variety of different studies (Lesser, 1951; Bowden and Fairbairn, 1956; Charnock, 1959; Sternberg, 1968; Dyer, 1970; Channon and Hamilton, 1971; Dyer, 1972; McCave, 1973; Vincent and Harvey, 1973; Sternberg, 1976; Heathershaw et al., 1979; Dyer, 1980 all in Heathershaw, 1981 and Soulsby, 1983).

| Bottom Type | z_0 (cm) | Variation Factor | C ₁₀₀ | No. of observations |
|------------------|------------|------------------|------------------|---------------------|
| Mud | 0.02 | | 0.0022 | 1 |
| Mud/sand | 0.07 | 4.1 | 0.0030 | 3 |
| Silt/sand | 0.005 | | 0.0016 | 1 |
| Sand (unrippled) | 0.04 | 2.0 | 0.0026 | 7 |
| Sand (rippled) | 0.6 | 1.3 | 0.0061 | 6 |
| Sand/shell | 0.03 | 4.5 | 0.0024 | 2 |
| Sand/gravel | 0.03 | 6.7 | 0.0024 | 7 |
| Mud/sand/gravel | 0.03 | 3.0 | 0.0024 | 2 |
| Gravel | 0.3 | 1.6 | 0.0047 | 4 |

| Field Season | Mean | Standard Deviation |
|--------------|--------|--------------------|
| Nov 12 | 2.1388 | 2.1089 |
| May 13 | 2.3556 | 2.0999 |
| Nov 13 | 1.9506 | 1.5487 |
| May 14 | 1.6998 | 2.4192 |

Table 3: Grain size, bed composition, and calculated drag coefficient and roughness length from the ADV data using the Reynolds, TKE and ID methods. These values are compared to a roughness length calculated using k'_b .

| Season | Cast | D ₅₀ | fines | C ₁₀₀ | TKE | ID | z0 (cm) | TKE | ID | z ₀ (via |
|--------|-------|-----------------|-------|------------------|-------|-------|-----------------------|---------|----------------|---------------------|
| | ID | (Coarse) | (%) | Rey | | | Rey | | | k' _b) |
| M13 | 1-3 | 1.76 | 8 | .276 | 1.8 | .6808 | 0.0000014 | 0.0079 | 0.000021 | 13.33 |
| M13 | 4-10 | 3.701 | 73 | | 8.7 | 2.1 | 0.00035 | 1.34 | 0.032 | 6.67 |
| M13 | 11-12 | 2.665 | 35 | | .7786 | .2206 | 7.8*10 ⁻¹³ | 7.1*10 | $7.0*10^{-10}$ | 6.67 |
| | | | | | | | | 5 | | |
| M13 | 13-17 | | | | 4.8 | 1.9 | 0.00064 | 0.27 | 0.010 | |
| M13 | 18-24 | 0.087 | 2 | | | | | | | 0.0059 |
| M13 | 25-30 | 2.237 | 53 | .829 | 2.5 | 1.2 | 0.0011 | 0.0339 | 0.00095 | |
| N13 | 1-26 | 1.5616 | 6 | | 5.8 | 2.6 | 0.172 | 0.7007 | 0.052 | 13.34 |
| N13 | 27-33 | 2.6872 | 30 | 1.2 | 1.7 | .763 | 0.00101 | 0.00466 | 0.000041 | 6.67 |
| N13 | 34-48 | 0.879 | 22 | .765 | 2.2 | .827 | 0.000108 | 0.074 | 0.000288 | 13.34 |
| N13 | 49-57 | 2.023 | 15 | 2.2 | 3.4 | 1.8 | 0.0168 | 0.092 | 0.0079 | |
| N13 | 58-62 | 1.521 | 4 | 5.7 | 5.6 | 3.3 | 0.60 | 0.56 | 0.118 | 0.0025 |
| N13 | 63-66 | 1.92 | 9 | 3.2 | 4.0 | 1.9 | 0.084 | 0.167 | 0.012 | 13.36 |
| N13 | 67-69 | | | 3.3 | 4.1 | 2.2 | 0.116 | 0.175 | 0.017 | |
| N13 | 70-72 | | | 3.0 | 5.7 | 3.2 | 0.113 | 0.524 | 0.099 | |
| N13 | 73-81 | 1.5616 | 6 | | | | | | | 13.34 |

| N13 | 82-91 | 1.521 | 4 | 3.4 | 4.5 | 2.7 | 0.207 | 0.27 | 0.059 | 0.0025 |
|-----|-------|--------|----|-----|-----|-------|---------|-------|---------|--------|
| M14 | 1-18 | 1.421 | 2 | | 3.7 | 1.3 | 0.0454 | 0.152 | 0.00409 | 16.67 |
| M14 | 19-43 | 1.8374 | 24 | | 1.9 | .9696 | 0.00169 | 0.013 | 0.00029 | 6.67 |
| M14 | 44-59 | 1.2998 | 7 | 1.3 | 2.8 | 1.1 | 0.0031 | 0.049 | 0.0009 | 6.67 |
| M14 | 60-63 | 1.4793 | 3 | | | | | | | 0.0026 |

Table 4: Bedform fields (BFFs) identified in Figure 42. BFFs identified by Horne and Patton (1989) are indicated. The dominant wavelengths of the BFFs using the USGS survey and the echosounder surveys are reported in meters. * indicates that there were multiple dominant wavelengths determined from the Fourier transform.

| BFF | Horne and | USGS | Echosounder |
|-----|-------------|--------|-------------|
| | Patton 1989 | | |
| 1 | | 63.98 | |
| 2 | Х | 44.52 | |
| 3 | | 26.82 | |
| 4 | | 56.66 | 51.20 |
| 5 | Х | 31.99 | 31.73 |
| 6 | | 18.93* | 22.75* |
| 7 | Х | 102.2* | 117.0* |
| 8a | Х | 42.64* | 45.52* |
| 8b | | 73.05* | 81.57* |
| 8c | Х | 31.95* | |

Appendix A: Sediment Data

| | [| r |
|---------|--------------|---------------|
| Core ID | Latitude (N) | Longitude (W) |
| 1 | 41.27953 | 72.34770 |
| 2 | 41.27912 | 72.34637 |
| 3 | 41.27935 | 72.34588 |
| 4 | 41.27930 | 72.34500 |
| 5 | 41.27967 | 72.34495 |
| 6 | 41.28082 | 72.34492 |
| 7 | 41.34052 | 72.36618 |
| 8 | 41.34072 | 72.36560 |
| 9 | 41.34117 | 72.36527 |
| 10 | 41.34138 | 72.36493 |
| 11 | 41.34172 | 72.36442 |
| 12 | 41.34192 | 72.36425 |
| 13 | 41.33633 | 72.36145 |
| 14 | 41.33678 | 72.36063 |
| 15 | 41.33733 | 72.35978 |
| 16 | 41.33795 | 72.35867 |
| 17 | 41.33845 | 72.35863 |
| 18 | 41.33972 | 72.36102 |
| 19 | 41.33918 | 72.36145 |
| 20 | 41.33910 | 72.36212 |
| 21 | 41.33847 | 72.36280 |
| 22 | 41.30793 | 72.35155 |
| 23 | 41.30777 | 72.35037 |
| 24 | 41.30775 | 72.34908 |
| 25 | 41.30795 | 72.34770 |
| 26 | 41.30790 | 72.34673 |
| 27 | 41.33305 | 72.35868 |
| 28 | 41.33390 | 72.35813 |
| 29 | 41.33463 | 72.35725 |
| 30 | 41.33512 | 72.35612 |

A.1 Core Locations and Indices

| 31 | 41.33593 | 72.35468 |
|----|----------|----------|
| 32 | 41.30602 | 72.35282 |
| 33 | 41.30605 | 72.35087 |
| 34 | 41.30595 | 72.34968 |
| 35 | 41.30567 | 72.34800 |
| 36 | 41.28518 | 72.34912 |
| 37 | 41.28557 | 72.34853 |
| 38 | 41.28568 | 72.34782 |
| 39 | 41.28585 | 72.34703 |
| 40 | 41.28610 | 72.34617 |
| 41 | 41.28252 | 72.34880 |
| 42 | 41.28263 | 72.34815 |
| 43 | 41.28298 | 72.34632 |
| 44 | 41.28332 | 72.34552 |
| 45 | 41.27950 | 72.34793 |
| 46 | 41.27977 | 72.34697 |
| 47 | 41.27958 | 72.34790 |
| 48 | 41.27993 | 72.34693 |
| 49 | 41.28008 | 72.34637 |
| 50 | 41.28032 | 72.34547 |
| 51 | 41.28090 | 72.34460 |
| 52 | 41.30378 | 72.35245 |
| 53 | 41.30333 | 72.35107 |
| 54 | 41.30342 | 72.34975 |
| 55 | 41.30335 | 72.34815 |
| 56 | 41.30332 | 72.34728 |
| 57 | 41.35920 | 72.37828 |
| 58 | 41.35897 | 72.37745 |
| 59 | 41.35882 | 72.37635 |
| 60 | 41.35922 | 72.37918 |
| 61 | 41.35943 | 72.37968 |
| 62 | 41.36245 | 72.37645 |
| 63 | 41.36242 | 72.37687 |
| 64 | 41.27962 | 72.34765 |
| 65 | 41.27968 | 72.34773 |

| 66 | 41.28000 | 72.34698 |
|-----|----------|----------|
| 67 | 41.28022 | 72.34643 |
| 68 | 41.28057 | 72.34513 |
| 69 | 41.28102 | 72.34452 |
| 70 | 41.33718 | 72.35683 |
| 71 | 41.33585 | 72.35432 |
| 72 | 41.33508 | 72.35638 |
| 73 | 41.33437 | 72.35707 |
| 74 | 41.33365 | 72.35853 |
| 75 | 41.33310 | 72.35895 |
| 76 | 41.33858 | 72.35792 |
| 77 | 41.33790 | 72.35798 |
| 78 | 41.33698 | 72.35937 |
| 79 | 41.33690 | 72.36058 |
| 80 | 41.33620 | 72.36105 |
| 81 | 41.30307 | 72.34942 |
| 82 | 41.30335 | 72.34788 |
| 83 | 41.30340 | 72.34723 |
| 84 | 41.30417 | 72.35235 |
| 85 | 41.30358 | 72.35153 |
| 86 | 41.30598 | 72.35257 |
| 87 | 41.30635 | 72.35065 |
| 88 | 41.30613 | 72.34970 |
| 89 | 41.30583 | 72.34803 |
| 90 | 41.30780 | 72.34698 |
| 91 | 41.30790 | 72.34790 |
| 92 | 41.30788 | 72.34937 |
| 93 | 41.30742 | 72.35042 |
| 94 | 41.30830 | 72.35112 |
| 95 | 41.33990 | 72.36100 |
| 96 | 41.33928 | 72.36145 |
| 97 | 41.33910 | 72.36230 |
| 98 | 41.33880 | 72.36247 |
| 99 | 41.34057 | 72.36585 |
| 100 | 41.34090 | 72.36538 |

| 101 | 41.34150 | 72.36490 |
|-----|----------|----------|
| 102 | 41.34187 | 72.36440 |
| 103 | 41.27475 | 72.34120 |
| 104 | 41.27540 | 72.33970 |
| 105 | 41.27443 | 72.34210 |
| 106 | 41.28258 | 72.34878 |
| 107 | 41.28255 | 72.34825 |
| 108 | 41.28275 | 72.34732 |
| 109 | 41.28292 | 72.34588 |
| 110 | 41.28310 | 72.34530 |
| 111 | 41.28613 | 72.34598 |
| 112 | 41.28588 | 72.34740 |
| 113 | 41.28573 | 72.34798 |
| 114 | 41.28577 | 72.34833 |
| 115 | 41.28540 | 72.34892 |
| 116 | 41.29582 | 72.35285 |
| 117 | 41.29578 | 72.35078 |
| 118 | 41.29590 | 72.34833 |
| 119 | 41.29558 | 72.34652 |
| 120 | 41.29588 | 72.34513 |
| 121 | 41.32312 | 72.35067 |
| 122 | 41.32405 | 72.34988 |
| 123 | 41.32467 | 72.34930 |
| 124 | 41.32515 | 72.34862 |
| 125 | 41.32598 | 72.34782 |
| 126 | 41.35035 | 72.38387 |
| 127 | 41.34995 | 72.38205 |
| 128 | 41.34973 | 72.38055 |
| 129 | 41.34933 | 72.37798 |
| 130 | 41.35017 | 72.37720 |
| 131 | 41.35890 | 72.37965 |
| 132 | 41.35928 | 72.37878 |
| 133 | 41.35917 | 72.37833 |
| 134 | 41.35878 | 72.37768 |
| 135 | 41.35853 | 72.37635 |

| 136 | 41.34057 | 72.36785 |
|-----|----------|----------|
| 137 | 41.34067 | 72.36600 |
| 138 | 41.34135 | 72.36553 |
| 139 | 41.34140 | 72.36503 |
| 140 | 41.34162 | 72.36445 |
| 141 | 41.34198 | 72.36435 |
| 142 | 41.33980 | 72.36122 |
| 143 | 41.33918 | 72.36168 |
| 144 | 41.33877 | 72.36233 |
| 145 | 41.33923 | 72.36203 |
| 146 | 41.33842 | 72.36267 |
| 147 | 41.33643 | 72.36162 |
| 148 | 41.33633 | 72.36155 |
| 149 | 41.33680 | 72.36057 |
| 150 | 41.33742 | 72.35972 |
| 151 | 41.33812 | 72.35870 |
| 152 | 41.33837 | 72.35868 |
| 153 | 41.33737 | 72.35672 |
| 154 | 41.33680 | 72.35762 |
| 155 | 41.33612 | 72.35850 |
| 156 | 41.33553 | 72.35933 |
| 157 | 41.33487 | 72.35983 |
| 158 | 41.33297 | 72.35870 |
| 159 | 41.33270 | 72.35892 |
| 160 | 41.33397 | 72.35862 |
| 161 | 41.33450 | 72.35772 |
| 162 | 41.33522 | 72.35597 |
| 163 | 41.33592 | 72.35450 |
| 164 | 41.28513 | 72.34887 |
| 165 | 41.28547 | 72.34835 |
| 166 | 41.28553 | 72.34782 |
| 167 | 41.28577 | 72.34697 |
| 168 | 41.28603 | 72.34600 |
| 169 | 41.28347 | 72.34538 |
| 170 | 41.28295 | 72.34623 |

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|-----|----------|----------|
| 171 | 41.28273 | 72.34717 |
| 172 | 41.28277 | 72.34720 |
| 173 | 41.28257 | 72.34805 |
| 174 | 41.28243 | 72.34872 |
| 175 | 41.28247 | 72.34865 |
| 176 | 41.27955 | 72.34797 |
| 177 | 41.27963 | 72.34690 |
| 178 | 41.27990 | 72.34630 |
| 179 | 41.28025 | 72.34537 |
| 180 | 41.28025 | 72.34447 |
| 181 | 41.27415 | 72.34288 |
| 182 | 41.27418 | 72.34185 |
| 183 | 41.27457 | 72.34063 |
| 184 | 41.27498 | 72.34048 |
| 185 | 41.27533 | 72.33985 |
| 186 | 41.30332 | 72.35275 |
| 187 | 41.30335 | 72.35090 |
| 188 | 41.30340 | 72.35007 |
| 189 | 41.30325 | 72.34947 |
| 190 | 41.30322 | 72.34807 |
| 191 | 41.30322 | 72.34723 |
| 192 | 41.36280 | 72.37838 |
| 193 | 41.36270 | 72.37803 |
| 194 | 41.36235 | 72.37742 |
| 195 | 41.36210 | 72.37657 |
| 196 | 41.36265 | 72.37627 |
| 197 | 41.35863 | 72.37607 |
| 198 | 41.35908 | 72.37730 |
| 199 | 41.35933 | 72.37842 |
| 200 | 41.35940 | 72.37875 |
| 201 | 41.35932 | 72.37947 |
| 202 | 41.34922 | 72.37657 |
| 203 | 41.34953 | 72.37793 |
| 204 | 41.34982 | 72.37997 |
| 205 | 41.35037 | 72.38240 |

| 206 | 41.35032 | 72.38405 |
|-----|----------|----------|
| 207 | 41.34387 | 72.37192 |
| 208 | 41.34352 | 72.37212 |
| 209 | 41.34323 | 72.37273 |
| 210 | 41.34302 | 72.37255 |
| 211 | 41.34252 | 72.37297 |
| 212 | 41.33010 | 72.35018 |
| 213 | 41.32980 | 72.35150 |
| 214 | 41.32888 | 72.35287 |
| 215 | 41.32580 | 72.34757 |
| 216 | 41.32528 | 72.34877 |
| 217 | 41.32488 | 72.34933 |
| 218 | 41.32360 | 72.35002 |
| 219 | 41.32290 | 72.35062 |
| 220 | 41.31617 | 72.34932 |
| 221 | 41.31557 | 72.34845 |
| 222 | 41.31607 | 72.34737 |
| 223 | 41.31603 | 72.34605 |
| 224 | 41.31613 | 72.34568 |
| 225 | 41.30795 | 72.34710 |
| 226 | 41.30762 | 72.34778 |
| 227 | 41.30785 | 72.34925 |
| 228 | 41.30767 | 72.35040 |
| 229 | 41.30782 | 72.35142 |
| 230 | 41.30587 | 72.35233 |
| 231 | 41.30582 | 72.35043 |
| 232 | 41.30572 | 72.34943 |
| 233 | 41.30592 | 72.34778 |
| 234 | 41.30613 | 72.34710 |
| 235 | 41.30060 | 72.35203 |
| 236 | 41.30052 | 72.35100 |
| 237 | 41.30020 | 72.34912 |
| 238 | 41.30030 | 72.34810 |
| 239 | 41.30017 | 72.34678 |
| 240 | 41.29572 | 72.35188 |
| 241 | 41.29575 | 72.35068 |

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|-----|----------|----------|
| 242 | 41.29583 | 72.34833 |
| 243 | 41.29590 | 72.34655 |
| 244 | 41.29583 | 72.34525 |
| 245 | 41.29192 | 72.34625 |
| 246 | 41.29172 | 72.34778 |
| 247 | 41.29178 | 72.34937 |
| 248 | 41.29167 | 72.35093 |
| 249 | 41.29178 | 72.35247 |
| 250 | 41.30987 | 72.34922 |
| 251 | 41.27223 | 72.34190 |
| 252 | 41.27275 | 72.34095 |
| 253 | 41.27293 | 72.33962 |
| 254 | 41.27335 | 72.33925 |
| 255 | 41.27377 | 72.33842 |
| 256 | 41.27538 | 72.33967 |
| 257 | 41.27493 | 72.34067 |
| 258 | 41.27462 | 72.34050 |
| 259 | 41.27402 | 72.34185 |
| 260 | 41.27400 | 72.34275 |
| 261 | 41.27937 | 72.34780 |
| 262 | 41.27958 | 72.34687 |
| 263 | 41.27972 | 72.34638 |
| 264 | 41.28032 | 72.34537 |
| 265 | 41.28000 | 72.34463 |
| 266 | 41.28263 | 72.34553 |
| 267 | 41.28275 | 72.34637 |
| 268 | 41.28260 | 72.34688 |
| 269 | 41.28268 | 72.34812 |
| 270 | 41.28242 | 72.34860 |
| 271 | 41.28507 | 72.34888 |
| 272 | 41.28518 | 72.34822 |
| 273 | 41.28533 | 72.34785 |
| 274 | 41.28558 | 72.34675 |
| 275 | 41.28578 | 72.34628 |
| 276 | 41.29110 | 72.34632 |

| 277 | 41.29125 | 72.34752 |
|-----|----------|----------|
| 278 | 41.29142 | 72.34938 |
| 279 | 41.29120 | 72.35097 |
| 280 | 41.29152 | 72.35222 |
| 281 | 41.29557 | 72.35217 |
| 282 | 41.29573 | 72.35063 |
| 283 | 41.29565 | 72.34810 |
| 284 | 41.29578 | 72.34663 |
| 285 | 41.29532 | 72.34520 |
| 286 | 41.30023 | 72.34640 |
| 287 | 41.30003 | 72.34837 |
| 288 | 41.29977 | 72.34977 |
| 289 | 41.30020 | 72.35115 |
| 290 | 41.30015 | 72.35255 |
| 291 | 41.30308 | 72.35245 |
| 292 | 41.30287 | 72.35137 |
| 293 | 41.30303 | 72.34985 |
| 294 | 41.30333 | 72.34812 |
| 295 | 41.30333 | 72.34747 |
| 296 | 41.30570 | 72.34730 |
| 297 | 41.30568 | 72.34808 |
| 298 | 41.30560 | 72.34973 |
| 299 | 41.30573 | 72.35098 |
| 300 | 41.30553 | 72.35275 |
| 301 | 41.30767 | 72.35137 |
| 302 | 41.30768 | 72.34917 |
| 303 | 41.30805 | 72.34788 |
| 304 | 41.30777 | 72.34692 |
| 305 | 41.30997 | 72.34927 |
| 306 | 41.31522 | 72.34735 |
| 307 | 41.31557 | 72.34765 |
| 308 | 41.31603 | 72.34870 |
| 309 | 41.31615 | 72.34903 |
| 310 | 41.31583 | 72.34673 |
| 311 | 41.31353 | 72.34983 |
| 312 | 41.31400 | 72.34892 |

| | 1 | |
|-----|----------|----------|
| 313 | 41.31363 | 72.34790 |
| 314 | 41.31360 | 72.34735 |
| 315 | 41.31562 | 72.34575 |
| 316 | 41.31722 | 72.34608 |
| 317 | 41.31730 | 72.34748 |
| 318 | 41.31752 | 72.34828 |
| 319 | 41.31748 | 72.34895 |
| 320 | 41.32305 | 72.35048 |
| 321 | 41.32410 | 72.34985 |
| 322 | 41.32472 | 72.34937 |
| 323 | 41.32530 | 72.34895 |
| 324 | 41.32608 | 72.34793 |
| 325 | 41.32657 | 72.35595 |
| 326 | 41.32777 | 72.35480 |
| 327 | 41.32943 | 72.35325 |
| 328 | 41.32962 | 72.35142 |
| 329 | 41.33013 | 72.35017 |
| 330 | 41.33465 | 72.35323 |
| 331 | 41.33403 | 72.35420 |
| 332 | 41.33347 | 72.35537 |
| 333 | 41.33278 | 72.35647 |
| 334 | 41.33218 | 72.35718 |
| 335 | 41.33318 | 72.35853 |
| 336 | 41.33423 | 72.35890 |
| 337 | 41.33455 | 72.35785 |
| 338 | 41.33547 | 72.35623 |
| 339 | 41.33788 | 72.35717 |
| 340 | 41.33700 | 72.35755 |
| 341 | 41.33627 | 72.35868 |
| 342 | 41.33572 | 72.35947 |
| 343 | 41.33472 | 72.35970 |
| 344 | 41.33663 | 72.36152 |
| 345 | 41.33683 | 72.36058 |
| 346 | 41.33753 | 72.36000 |
| 347 | 41.33827 | 72.35892 |
| 348 | 41.33855 | 72.35843 |

| 349 | 41.33998 | 72.36130 |
|-----|----------|----------|
| 350 | 41.33923 | 72.36192 |
| 351 | 41.33880 | 72.36228 |
| 352 | 41.33852 | 72.36260 |
| 353 | 41.34023 | 72.36615 |
| 354 | 41.34072 | 72.36562 |
| 355 | 41.34107 | 72.36500 |
| 356 | 41.34143 | 72.36517 |
| 357 | 41.34163 | 72.36442 |
| 358 | 41.34185 | 72.36422 |
| 359 | 41.34248 | 72.36973 |
| 360 | 41.34232 | 72.37220 |
| 361 | 41.34307 | 72.37225 |
| 362 | 41.34333 | 72.37212 |
| 363 | 41.34367 | 72.37180 |
| 364 | 41.34398 | 72.37227 |
| 365 | 41.34463 | 72.37337 |
| 366 | 41.34573 | 72.37623 |
| 367 | 41.34913 | 72.37700 |
| 368 | 41.34922 | 72.37768 |
| 369 | 41.34952 | 72.38050 |
| 370 | 41.35023 | 72.38370 |
| 371 | 41.35923 | 72.38013 |
| 372 | 41.35933 | 72.37900 |
| 373 | 41.35892 | 72.37850 |
| 374 | 41.35882 | 72.37775 |
| 375 | 41.35860 | 72.37647 |
| 376 | 41.36243 | 72.37660 |
| 377 | 41.36248 | 72.37695 |
| 378 | 41.36242 | 72.37748 |
| 379 | 41.36238 | 72.37793 |
| 380 | 41.36263 | 72.37870 |
| 381 | 41.29128 | 72.34908 |
| 382 | 41.29160 | 72.34908 |
| 383 | 41.29188 | 72.34860 |

A.2 Grain Size Distributions

| Core ID | Date | Hr | Min | -1 Φ | -05Φ | 0Φ | 05Φ | 1Φ | 15Φ | 2Φ | 25Φ | 3Φ | 35Φ | 4 Φ | % Fine |
|---------|------------|---------|-----|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1 | 11/12/2012 | 10 | 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3 29 | 35 39 | 61.31 |
| 2 | 11/12/2012 | 10 | 17 | 0.00 | 0.00 | 0.00 | 1.07 | 0.00 | 11.46 | 15.00 | 0.00 | 2.92 | 2.92 | 10.92 | 28.22 |
| Z | 11/12/2012 | 10 | 43 | 0.00 | 0.00 | 0.04 | 1.27 | 4.40 | 11.40 | 13.92 | 9.33 | 5.82 | 3.82 | 10.85 | 38.23 |
| 3 | 11/12/2012 | 10 | 56 | 0.00 | 0.55 | 1.09 | 1.64 | 4.37 | 14.74 | 28.38 | 11.46 | 4.37 | 4.91 | 12.55 | 15.94 |
| 4 | 11/12/2012 | 11 | 4 | 0.00 | 0.58 | 1.73 | 2.31 | 5.77 | 17.87 | 32.29 | 9.23 | 5.19 | 4.61 | 9.23 | 11.20 |
| 5 | 11/12/2012 | 11 | 24 | 1.67 | 1.67 | 2.23 | 4.45 | 7.79 | 18.37 | 29.50 | 8.91 | 5.57 | 4.45 | 6.12 | 9.27 |
| 6 | 11/12/2012 | 11 | 36 | 1.57 | 1.05 | 2.62 | 4.71 | 10.48 | 19.38 | 25.67 | 13.09 | 3.14 | 2.10 | 7.33 | 8.86 |
| 7 | 11/13/2012 | 6 | 54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.88 | 3 75 | 4.69 | 11.26 | 78.41 |
| / 0 | 11/12/2012 | 7 | 10 | 2.60 | 4.12 | 0.00 | 16.00 | 20.29 | 21.62 | 6.60 | 2.60 | 2.06 | 0.00 | 0.00 | 2.69 |
| 8 | 11/13/2012 | / | 10 | 5.00 | 4.12 | 0.24 | 10.99 | 30.38 | 21.05 | 0.09 | 5.00 | 2.00 | 0.00 | 0.00 | 2.08 |
| 9 | 11/13/2012 | - 7 | 27 | 0.00 | 0.00 | 0.00 | 1.06 | 12.70 | 40.22 | 34.40 | 7.41 | 1.59 | 0.00 | 0.00 | 2.61 |
| 10 | 11/13/2012 | 7 | 43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.24 | 8.05 | 24.78 | 31.60 | 6.82 | 3.10 | 24.41 |
| 11 | 11/13/2012 | 7 | 58 | 0.00 | 0.00 | 0.00 | 0.00 | 1.70 | 14.76 | 31.79 | 30.66 | 14.19 | 3.97 | 0.00 | 2.92 |
| 12 | 11/13/2012 | 8 | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8 58 | 14 10 | 26.97 | 29.42 | 12.26 | 5 52 | 3.16 |
| 13 | 11/13/2012 | 8 | 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.20 | 8.40 | 17.85 | 69.55 |
| 1.1 | 11/12/2012 | 0 | 20 | 0.00 | 0.00 | 5.02 | 12.92 | 0.00 | 12.04 | 2.00 | 2.00 | 4.20 | 4.40 | 9.26 | 16.26 |
| 14 | 11/13/2012 | 8 | 29 | 0.00 | 1.12 | 5.02 | 12.82 | 23.42 | 13.94 | 3.90 | 3.90 | 0.09 | 4.40 | 8.30 | 16.30 |
| 15 | 11/13/2012 | 8 | 33 | 0.00 | 0.58 | 2.89 | 7.51 | 24.26 | 24.26 | 12.13 | 4.62 | 4.04 | 1.73 | 3.47 | 14.50 |
| 16 | 11/13/2012 | 8 | 40 | 0.00 | 0.00 | 0.54 | 2.68 | 13.94 | 36.45 | 31.09 | 7.50 | 2.14 | 0.00 | 0.00 | 5.67 |
| 17 | 11/13/2012 | 9 | 28 | 0.00 | 0.00 | 0.00 | 1.15 | 6.34 | 23.07 | 26.53 | 17.88 | 10.96 | 2.88 | 1.15 | 10.04 |
| 18 | 11/13/2012 | 9 | 43 | 0.00 | 0.00 | 0.00 | 0.64 | 9.01 | 27.67 | 25.10 | 12.87 | 12.23 | 3 22 | 1 29 | 7 97 |
| 19 | 11/13/2012 | 9 | 50 | 0.00 | 0.00 | 0.00 | 0.00 | 1 78 | 8.02 | 11.58 | 7.13 | 5 35 | 4 46 | 9.80 | 51.88 |
| 20 | 11/12/2012 | ó | 59 | 3.00 | 2.06 | 4.64 | 12.20 | 26.58 | 27.30 | 7 72 | 1.02 | 0.52 | 0.52 | 0.00 | 2.15 |
| 20 | 11/13/2012 | 9 | 56 | 3.09 | 2.00 | 4.04 | 13.39 | 30.38 | 27.30 | 1.75 | 1.05 | 0.32 | 0.32 | 0.00 | 3.13 |
| 21 | 11/13/2012 | 10 | 6 | 0.00 | 0.00 | 3.72 | 12.23 | 21.81 | 10.64 | 4.79 | 5.32 | 10.64 | 5.32 | 6.38 | 19.15 |
| 22 | 11/13/2012 | 16 | 57 | 0.00 | 0.00 | 2.75 | 11.01 | 33.04 | 37.44 | 11.01 | 1.10 | 1.10 | 0.00 | 0.00 | 2.54 |
| 23 | 11/13/2012 | 17 | 1 | 0.00 | 0.00 | 1.68 | 11.21 | 33.62 | 35.86 | 14.01 | 1.68 | 0.00 | 0.00 | 0.00 | 1.96 |
| 24 | 11/13/2012 | 17 | 4 | 0.00 | 0.00 | 2.60 | 6.25 | 14.58 | 23.43 | 31.25 | 11.98 | 3.12 | 1.56 | 1.56 | 3.66 |
| 25 | 11/13/2012 | 17 | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.53 | 15 26 | 46.83 | 26.83 | 6 31 | 1.05 | 0.00 | 3 19 |
| 26 | 11/13/2012 | 17 | 16 | 0.00 | 0.00 | 0.00 | 0.00 | 1.86 | 3 71 | 6.81 | 11 14 | 17.05 | 15.48 | 13.62 | 20.42 |
| 20 | 11/13/2012 | 1/ 6 | 20 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1 70 | 2 57 | 2 57 | 7 1 2 | 202 | 12.02 | 60.74 |
| 2/ | 11/14/2012 | 0 | 38 | 0.00 | 0.00 | 0.00 | 0.00 | 1./8 | 1./8 | 3.37 | 3.37 | 7.13 | 0.92 | 12.48 | 00.70 |
| 28 | 11/14/2012 | 7 | 1 | 0.00 | 1.63 | 7.06 | 20.10 | 33.14 | 15.21 | 3.26 | 1.09 | 2.17 | 1.09 | 3.80 | 11.45 |
| 29 | 11/14/2012 | 7 | 6 | 2.34 | 0.00 | 1.75 | 5.85 | 21.06 | 29.24 | 9.94 | 2.34 | 1.75 | 1.17 | 5.26 | 19.29 |
| 30 | 11/14/2012 | 7 | 14 | 1.70 | 0.00 | 1.13 | 4.52 | 21.48 | 32.78 | 23.74 | 6.78 | 2.83 | 1.13 | 0.00 | 3.91 |
| 31 | 11/14/2012 | 7 | 23 | 3.24 | 0.54 | 1.08 | 2.16 | 5.39 | 10.25 | 26.97 | 22.65 | 15.64 | 5.39 | 2.16 | 4.54 |
| 32 | 11/14/2012 | 7 | 52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3 39 | 1.69 | 0.00 | 0.00 | 0.00 | 0.00 | 94 92 |
| 22 | 11/14/2012 | 7 | 50 | 0.00 | 1.58 | 3 70 | 7.02 | 10.55 | 22.91 | 10.55 | 4 22 | 2.11 | 1.06 | 1.59 | 4.01 |
| 35 | 11/14/2012 | / | 39 | 0.00 | 1.38 | 5.70 | 7.92 | 19.55 | 35.61 | 19.55 | 4.23 | 2.11 | 1.00 | 1.38 | 4.91 |
| 34 | 11/14/2012 | 8 | 4 | 1.48 | 1.97 | 2.46 | 5.91 | 17.72 | 25.11 | 24.61 | 10.34 | 3.94 | 1.48 | 1.48 | 3.51 |
| 35 | 11/14/2012 | 8 | 7 | 1.10 | 1.10 | 2.21 | 5.52 | 17.67 | 30.37 | 28.16 | 8.83 | 2.76 | 0.00 | 0.00 | 2.27 |
| 36 | 11/14/2012 | 8 | 57 | 0.00 | 0.00 | 0.00 | 0.00 | 4.87 | 43.80 | 40.76 | 4.87 | 1.22 | 0.00 | 0.00 | 4.49 |
| 37 | 11/14/2012 | 9 | 0 | 0.00 | 0.00 | 0.00 | 1.59 | 11.16 | 45.69 | 32.94 | 3.72 | 1.59 | 0.00 | 0.00 | 3.30 |
| 38 | 11/14/2012 | 9 | 3 | 0.00 | 0.00 | 0.00 | 3 41 | 14 33 | 36.16 | 19.78 | 4 09 | 2 73 | 3 41 | 5 46 | 10.63 |
| 20 | 11/14/2012 | ó | 6 | 0.08 | 1.47 | 2.44 | 1.99 | 15.14 | 22.70 | 26.86 | 5.86 | 1.47 | 0.00 | 2.44 | 4 75 |
| 39 | 11/14/2012 | , | 11 | 0.98 | 1.47 | 2.44 | 4.00 | 13.14 | 55.70 | 20.80 | 10.22 | 1.47 | 0.00 | 2.44 | 4.73 |
| 40 | 11/14/2012 | 9 | 11 | 0.00 | 0.00 | 0.63 | 1.26 | 2.53 | 5.06 | 18.33 | 18.33 | 6.32 | 1.90 | 3.79 | 41.84 |
| 41 | 11/14/2012 | 9 | 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.38 | 4.15 | 8.99 | 44.24 | 41.24 |
| 42 | 11/14/2012 | 9 | 23 | 0.00 | 0.00 | 0.00 | 1.65 | 7.71 | 18.73 | 28.64 | 6.06 | 4.41 | 4.96 | 13.22 | 14.62 |
| 43 | 11/14/2012 | 9 | 33 | 0.00 | 0.00 | 1.19 | 2.38 | 6.55 | 15.48 | 17.26 | 5.95 | 2.98 | 2.38 | 20.83 | 25.00 |
| 44 | 11/14/2012 | 9 | 37 | 0.00 | 0.00 | 1 59 | 3 70 | 11.10 | 22.73 | 34 36 | 16.92 | 1 59 | 0.00 | 1 59 | 6 4 4 |
| 45 | 11/14/2012 | 0 | 44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2 21 | 22.26 | 65.42 |
| 43 | 11/14/2012 | 9 | 44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.21 | 32.30 | 03.45 |
| 46 | 11/14/2012 | 9 | 47 | 0.00 | 0.52 | 2.09 | 4.71 | 10.99 | 22.51 | 31.93 | 8.38 | 3.66 | 3.66 | 4.19 | 7.35 |
| 47 | 11/14/2012 | 10 | 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 29.20 | 66.63 |
| 48 | 11/14/2012 | 10 | 26 | 0.00 | 0.00 | 0.60 | 2.42 | 6.04 | 10.27 | 16.32 | 7.86 | 4.23 | 4.83 | 12.69 | 34.74 |
| 49 | 11/14/2012 | 10 | 30 | 0.00 | 0.00 | 1.16 | 2.90 | 9.85 | 24.34 | 27.24 | 9.27 | 8.69 | 5.22 | 5.22 | 6.10 |
| 50 | 11/14/2012 | 10 | 44 | 1.09 | 0.00 | 0.54 | 2.17 | 5 44 | 15.22 | 24 46 | 5 98 | 4 35 | 4 35 | 16 31 | 20.10 |
| 51 | 11/14/2012 | 10 | /18 | 0.00 | 0.00 | 0.00 | 0.62 | 3 73 | 0.04 | 15.53 | 11.81 | 1.86 | 0.62 | 21.75 | 34.14 |
| 52 | 11/14/2012 | 10 | 40 | 0.00 | 1.07 | 1.60 | 4.27 | 15.40 | 24.57 | 22.50 | 0.55 | 6.41 | 2.20 | 21.75 | 7.07 |
| 52 | 11/14/2012 | 11 | 9 | 2.14 | 1.07 | 1.60 | 4.27 | 15.49 | 24.57 | 23.50 | 8.33 | 0.41 | 3.20 | 2.14 | 7.07 |
| 53 | 11/14/2012 | - 11 | 17 | 0.77 | 0.00 | 0.77 | 2.31 | 8.47 | 13.85 | 9.24 | 3.08 | 2.31 | 2.31 | 8.47 | 48.43 |
| 54 | 11/14/2012 | 11 | 22 | 0.54 | 3.21 | 5.35 | 12.31 | 24.08 | 25.68 | 17.66 | 5.89 | 2.14 | 0.00 | 0.00 | 3.16 |
| 55 | 11/14/2012 | 11 | 28 | 2.75 | 4.95 | 7.15 | 9.90 | 15.41 | 20.91 | 20.91 | 8.25 | 3.85 | 0.00 | 1.10 | 4.80 |
| 56 | 11/14/2012 | 11 | 34 | 0.00 | 0.00 | 1.73 | 4.60 | 13.23 | 29.91 | 29.34 | 9.78 | 2.30 | 0.58 | 0.00 | 8.54 |
| 57 | 11/15/2012 | 12 | 57 | 3.54 | 2.02 | 4.55 | 9.60 | 23.24 | 26.28 | 13.64 | 6.57 | 4.04 | 1.52 | 1.01 | 3.99 |
| 58 | 11/15/2012 | 13 | 51 | 0.00 | 0.00 | 1 09 | 5 4 5 | 21 78 | 35 94 | 24.51 | 6.54 | 2.72 | 0.00 | 0.00 | 1 97 |
| 50 | 11/15/2012 | 12 | 57 | 0.00 | 0.00 | 0.00 | 1.04 | 13 47 | 41.07 | 34.72 | 6.27 | 1.04 | 0.00 | 0.00 | 1.57 |
| 57 | 11/15/2012 | 1.5 | 31 | 0.00 | 1 1 1 | 4.00 | 12.07 | 22.17 | 24.07 | 10.54 | 0.22 | 2.04 | 1 1 1 | 0.00 | 1.55 |
| 60 | 11/15/2012 | 14 | 4 | 0.00 | 1.11 | 4.99 | 13.8/ | 32.17 | 24.90 | 10.54 | 4.44 | 2.77 | 1.11 | 0.00 | 4.03 |
| 61 | 11/15/2012 | 14 | 19 | 0.00 | 0.00 | 0.56 | 3.91 | 15.40 | 29.59 | 51.83 | 6.70 | 5.91 | 2.79 | 1.12 | 6.20 |
| 62 | 11/15/2012 | 14 | 45 | 0.00 | 0.00 | 1.59 | 8.46 | 32.24 | 38.58 | 14.80 | 2.11 | 0.53 | 0.00 | 0.00 | 1.70 |
| 63 | 11/15/2012 | 14 | 51 | 4.50 | 3.50 | 5.50 | 9.50 | 21.50 | 30.00 | 17.50 | 4.50 | 1.00 | 0.50 | 0.00 | 2.00 |
| 64 | 5/14/2013 | 10 | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.71 | 16.27 | 82.02 |
| 65 | 5/14/2013 | 10 | 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14.35 | 85.65 |
| 66 | 5/14/2013 | 10 | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.88 | 24 48 | 72.64 |
| 67 | 5/14/2012 | 10 | 25 | 0.00 | 0.00 | 0.62 | 0.63 | 2.50 | 2.50 | 1 90 | 0.62 | 1.26 | 3 70 | 25.40 | 60.97 |
| 0/ | 5/14/2013 | 10 | 33 | 0.00 | 0.00 | 0.00 | 0.00 | 2.32 | 12.92 | 1.07 | 12.22 | 2.40 | 5.19 | 19 (2 | 20.05 |
| 60 | 3/14/2013 | 11 | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 2.33 | 12.80 | 23.03 | 12.22 | 5.49 | 4.00 | 10.02 | 20.85 |
| 69 | 5/14/2013 | 11 | 16 | 2.36 | 2.36 | 3.54 | 5.31 | 8.85 | 14.76 | 21.25 | 12.39 | 2.95 | 1.77 | 8.85 | 15.60 |
| 70 | 5/14/2013 | 15 | 42 | 0.00 | 0.00 | 0.00 | 2.32 | 9.28 | 23.78 | 31.90 | 19.72 | 5.80 | 1.16 | 1.16 | 4.88 |
| 71 | 5/14/2013 | 15 | 58 | 4.10 | 1.17 | 1.17 | 1.76 | 4.69 | 11.13 | 24.60 | 23.43 | 11.13 | 6.44 | 3.51 | 6.87 |
| 72 | 5/14/2013 | 16 | 4 | 10.52 | 0.00 | 0.00 | 3.68 | 15.78 | 24.71 | 15.78 | 6.84 | 6.84 | 3.68 | 3.16 | 9.03 |
| 73 | 5/14/2013 | 16 | 14 | 0.64 | 1.28 | 2 55 | 8 30 | 32 54 | 29.99 | 8 30 | 2.55 | 1.28 | 0.00 | 1.28 | 11.31 |
| 74 | 5/14/2012 | 14 | 21 | 0.67 | 1.20 | 4.33 | 12.20 | 22.34 | 12.01 | 4.42 | 5.40 | 5.04 | 2.00 | 6.20 | 20.25 |
| /4 | 5/14/2013 | 10 | 21 | 0.03 | 1.20 | 4.43 | 13.20 | 1.00 | 13.91 | 4.43 | 2.09 | 5.00 | 2.33 | 15.02 | 20.33 |
| 15 | 5/14/2013 | 16 | 51 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 | 5.01 | 2.00 | 5.01 | 0.01 | 15.03 | 00.94 |
| 76 | 5/14/2013 | 16 | 41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.24 | 5.60 | 21.77 | 28.61 | 14.30 | 13.68 | 14.80 |
| 77 | 5/14/2013 | 17 | 25 | 0.00 | 0.00 | 0.52 | 2.09 | 7.85 | 19.37 | 30.37 | 18.32 | 8.90 | 2.62 | 1.57 | 8.38 |
| 78 | 5/14/2013 | 17 | 33 | 1.44 | 1.92 | 5.28 | 15.83 | 35.03 | 23.51 | 8.16 | 1.92 | 0.96 | 0.48 | 0.00 | 5.47 |
| 79 | 5/14/2013 | 17 | 39 | 0.00 | 1.91 | 4.45 | 9.55 | 16.55 | 8.91 | 3.18 | 6.36 | 6.36 | 4.45 | 11.45 | 26.82 |
| 80 | 5/14/2013 | 17 | 49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.82 | 5 74 | 11.48 | 22.14 | 59.81 |
| 01 | 5/15/2012 | | 21 | 1 17 | 0.00 | 2.00 | 1 20 | 11.60 | 15 70 | 25.12 | 12 44 | 4.00 | 1 1 7 | 2 5 1 | 16.42 |
| 81 | 5/15/2013 | 9 | 21 | 1.1/ | 0.58 | 2.34 | 4.68 | 11.69 | 15.78 | 23.13 | 13.44 | 4.09 | 1.1/ | 3.51 | 10.42 |
| 82 | 5/15/2013 | 9 | 33 | 0.97 | 0.97 | 4.36 | 8.72 | 18.40 | 29.06 | 24.70 | 6.78 | 1.45 | 0.00 | 0.00 | 4.60 |

| | 5/15/2012 | 0 | 41 | 0.00 | 0.00 | 0.00 | 0.00 | 2.27 | 14.50 | 22.75 | 15.00 | 7.02 | 1.40 | 2.01 | 22.25 |
|--|---|--|---|--|--|--|--|--|--|---|--|--|--|--|--|
| 05 | 5/15/2013 | 9 | 41 | 0.00 | 0.00 | 0.00 | 0.00 | 3.27 | 14.30 | 32.73 | 13.90 | 7.02 | 1.40 | 2.81 | 22.33 |
| 84 | 5/15/2013 | 13 | 58 | 0.00 | 0.00 | 0.00 | 0.76 | 7.62 | 14.48 | 9.91 | 3.81 | 4.57 | 2.29 | 8.38 | 48.18 |
| 85 | 5/15/2013 | 14 | 7 | 0.00 | 1.05 | 4.71 | 15.16 | 28.23 | 26.67 | 9.93 | 1.57 | 0.00 | 0.00 | 1.05 | 11.64 |
| 86 | 5/15/2013 | 14 | 20 | 0.00 | 0.00 | 0.00 | 0.00 | 3 53 | 5.89 | 7.06 | 1.18 | 0.00 | 0.00 | 3.53 | 78 81 |
| 87 | 5/15/2013 | 14 | 32 | 0.47 | 1.88 | 3.76 | 7.52 | 23.02 | 36.65 | 10.73 | 3.76 | 1.41 | 0.00 | 0.00 | 1.80 |
| 07 | 5/15/2013 | 14 | 10 | 0.47 | 1.00 | 5.70 | 12.00 | 23.02 | 30.05 | 17.75 | 3.70 | 1.41 | 0.00 | 0.00 | 1.00 |
| 88 | 5/15/2013 | 14 | 40 | 0.00 | 0.50 | 4.02 | 13.08 | 31.19 | 30.69 | 14.09 | 3.02 | 0.50 | 0.00 | 0.50 | 2.40 |
| 89 | 5/15/2013 | 14 | 45 | 0.00 | 1.08 | 2.17 | 4.88 | 13.56 | 25.50 | 26.58 | 11.93 | 2.71 | 0.00 | 1.08 | 10.49 |
| 90 | 5/15/2013 | 14 | 52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.92 | 2.88 | 3.84 | 2.88 | 8.64 | 79.85 |
| 01 | 5/15/2013 | 15 | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 3.07 | 25.05 | 52.66 | 15.34 | 1.53 | 0.00 | 0.00 | 2 34 |
| <i>)</i> 1 | 5/15/2013 | 15 | 1 | 0.00 | 0.00 | 0.00 | 15.00 | 10.75 | 25.05 | 32.00 | 15.54 | 1.55 | 0.00 | 0.00 | 2.54 |
| 92 | 5/15/2013 | 15 | 8 | 8.41 | 16.82 | 21.03 | 15.89 | 10.75 | 8.41 | 9.34 | 4.67 | 2.34 | 0.47 | 0.00 | 1.88 |
| 93 | 5/15/2013 | 15 | 15 | 1.06 | 2.12 | 3.17 | 4.23 | 6.35 | 9.52 | 7.40 | 2.12 | 0.00 | 0.00 | 2.12 | 61.93 |
| 94 | 5/15/2013 | 15 | 24 | 0.00 | 2.00 | 8 51 | 19.52 | 30.53 | 21.02 | 9.51 | 2 50 | 1.00 | 0.00 | 0.00 | 5 41 |
| 05 | 5/15/2013 | 15 | 50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.09 | 22.00 | 27.65 | 11.07 | 4.00 | 0.01 |
| 95 | 5/15/2015 | 15 | 59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.98 | 32.11 | 37.05 | 11.07 | 4.98 | 9.21 |
| 96 | 5/15/2013 | 16 | 8 | 0.00 | 0.50 | 2.01 | 6.04 | 24.67 | 38.26 | 22.66 | 3.02 | 0.00 | 0.00 | 0.00 | 2.83 |
| 97 | 5/15/2013 | 16 | 15 | 1.59 | 1.06 | 3.71 | 11.13 | 29.68 | 32.34 | 12.72 | 3.18 | 1.06 | 0.00 | 0.00 | 3.53 |
| 98 | 5/15/2013 | 16 | 21 | 3.16 | 3.16 | 5 79 | 14 75 | 32.66 | 25.81 | 6.85 | 2.11 | 1.05 | 0.00 | 0.00 | 4 66 |
| 00 | 5/15/2013 | 10 | 20 | 3.10 | 2.49 | 12.17 | 20.29 | 16.00 | 5.70 | 5.70 | 2.11 | 5.21 | 0.00 | 1.74 | 17.74 |
| 99 | 5/15/2015 | 16 | 28 | 4.06 | 3.48 | 12.17 | 20.28 | 16.22 | 5.79 | 5.79 | 0.37 | 5.21 | 1.10 | 1.74 | 17.74 |
| 100 | 5/15/2013 | 16 | 40 | 0.00 | 0.51 | 0.51 | 2.06 | 19.05 | 40.16 | 22.14 | 7.72 | 2.57 | 0.51 | 0.00 | 4.74 |
| 101 | 5/15/2013 | 16 | 48 | 0.00 | 0.00 | 1.10 | 3.86 | 11.59 | 16.55 | 11.04 | 23.73 | 21.52 | 3.86 | 2.21 | 4.55 |
| 102 | 5/15/2013 | 16 | 54 | 0.00 | 0.00 | 0.00 | 0.00 | 4 66 | 21.54 | 31.44 | 17.47 | 8.15 | 2.91 | 3 49 | 10.34 |
| 102 | 5/15/2013 | 10 | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 4.00 | 4.27 | 12.20 | 12.20 | 1.46 | 1.40 | 14.57 | 52.62 |
| 103 | 5/16/2015 | 15 | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 4.37 | 12.39 | 12.39 | 1.40 | 1.40 | 14.57 | 52.65 |
| 104 | 5/16/2013 | 13 | 16 | 0.00 | 0.52 | 1.55 | 5.18 | 16.06 | 34.19 | 30.56 | 8.81 | 1.04 | 0.00 | 0.00 | 2.10 |
| 105 | 5/16/2013 | 13 | 22 | 0.52 | 1.57 | 4.18 | 9.93 | 18.30 | 14.12 | 5.75 | 2.09 | 0.52 | 2.61 | 16.21 | 24.19 |
| 106 | 5/16/2013 | 13 | 43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.84 | 22.55 | 76.62 |
| 100 | 5/16/2013 | 12 | -15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.80 | 12.33 | 70.02 |
| 107 | 5/10/2015 | 13 | 54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.95 | 2.85 | 0.47 | 0.95 | 5.80 | 15.// | 11.21 |
| 108 | 5/16/2013 | 14 | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.25 | 15.77 | 65.32 | 16.67 |
| 109 | 5/16/2013 | 14 | 9 | 0.55 | 1.11 | 1.11 | 3.32 | 7.74 | 16.02 | 17.68 | 4.97 | 2.21 | 2.76 | 16.58 | 25.95 |
| 110 | 5/16/2013 | 14 | 15 | 0.00 | 1.01 | 1 51 | 3.02 | 6.03 | 11 57 | 21.12 | 11.06 | 7 54 | 8.05 | 14.08 | 15.02 |
| 111 | 5/16/2013 | 1.4 | 22 | 0.00 | 0.65 | 0.65 | 1 20 | 1.05 | 5 10 | 12.22 | 11.00 | 2.90 | 1 20 | 11.60 | 10.02 |
| 111 | 3/10/2013 | 14 | 23 | 0.00 | 0.05 | 0.05 | 1.30 | 1.93 | 3.19 | 12.33 | 11.08 | 5.69 | 1.30 | 11.08 | 49.3/ |
| 112 | 5/16/2013 | 14 | 30 | 1.18 | 0.00 | 0.59 | 2.35 | 8.23 | 15.88 | 10.00 | 2.35 | 2.94 | 7.06 | 21.17 | 28.26 |
| 113 | 5/16/2013 | 14 | 37 | 0.00 | 0.00 | 0.00 | 1.37 | 7.55 | 16.46 | 7.55 | 0.69 | 2.74 | 6.17 | 19.21 | 38.27 |
| 114 | 5/16/2013 | 14 | 46 | 0.89 | 0.00 | 0.00 | 0.00 | 2.67 | 3 56 | 1 78 | 0.00 | 2.67 | 4 4 5 | 19 59 | 64 38 |
| 115 | 5/16/2012 | 14 | 52 | 0.00 | 0.00 | 0.00 | 0.00 | 6.20 | 12 50 | 21.44 | 2 10 | 1.05 | 1.57 | 5.24 | 0 01 |
| 115 | 3/10/2013 | 14 | 33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.29 | 43.30 | 31.44 | 2.10 | 1.05 | 1.37 | 3.24 | 0.01 |
| 116 | 5/16/2013 | 15 | 4 | 0.00 | 0.00 | 0.00 | 1.07 | 6.97 | 26.80 | 36.44 | 9.65 | 4.29 | 1.61 | 3.22 | 9.97 |
| 117 | 5/16/2013 | 15 | 12 | 0.00 | 0.00 | 2.38 | 12.40 | 40.52 | 34.80 | 8.58 | 0.00 | 0.00 | 0.00 | 0.00 | 1.32 |
| 118 | 5/16/2013 | 15 | 19 | 0.00 | 0.00 | 0.00 | 0.00 | 1 96 | 5 23 | 11.12 | 10.46 | 10.46 | 6.54 | 18 96 | 35.26 |
| 110 | 5/16/2013 | 15 | 20 | 0.00 | 0.58 | 1.73 | 4.62 | 12.70 | 23.67 | 24.25 | 8.08 | 4.62 | 1.15 | 2 31 | 16.20 |
| 119 | 5/10/2013 | 15 | 2.9 | 0.00 | 0.38 | 1.73 | 4.02 | 12.70 | 23.07 | 24.23 | 8.08 | 4.02 | 1.15 | 2.31 | 10.29 |
| 120 | 5/16/2013 | 15 | 39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.90 | 93.10 |
| 121 | 5/16/2013 | 16 | 0 | 0.50 | 2.52 | 7.56 | 18.65 | 34.27 | 21.67 | 5.54 | 1.51 | 0.50 | 0.00 | 0.00 | 7.27 |
| 122 | 5/16/2013 | 16 | 7 | 3 22 | 2.69 | 3 22 | 5.91 | 16.65 | 18 26 | 13 43 | 8.06 | 7.52 | 3 22 | 4 30 | 13.51 |
| 122 | 5/16/2012 | 16 | 12 | 0.00 | 0.00 | 1 11 | 2.78 | 10.56 | 22.70 | 26.12 | 11.67 | 8 24 | 2.22 | 2.22 | 12.17 |
| 123 | 5/10/2013 | 10 | 15 | 0.00 | 0.00 | 1.11 | 2.78 | 10.30 | 22.19 | 20.13 | 11.07 | 0.34 | 2.22 | 2.22 | 12.17 |
| 124 | 5/16/2013 | 16 | 22 | 3.18 | 1.06 | 1.06 | 2.12 | 6.88 | 14.83 | 27.54 | 22.24 | 10.06 | 1.06 | 0.53 | 9.45 |
| 125 | 5/16/2013 | 16 | 29 | 0.00 | 0.00 | 0.56 | 1.12 | 6.18 | 29.20 | 45.49 | 14.04 | 1.12 | 0.00 | 0.00 | 2.28 |
| 126 | 5/16/2013 | 16 | 50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.50 | 14 35 | 30.57 | 31.81 | 20.78 |
| 120 | 5/16/2013 | 16 | 54 | 0.00 | 0.00 | 1.46 | 11.17 | 21.56 | 28.64 | 20.88 | 4.27 | 0.00 | 0.00 | 0.00 | 1.02 |
| 147 | 5/10/2015 | 10 | 54 | 0.00 | 0.00 | 140 | / | 51.50 | 20.04 | 20.00 | 4.37 | 0.00 | 0.00 | 0.00 | 1.75 |
| | | | | | | | | | | | | | | | |
| 128 | 5/16/2013 | 16 | 58 | 0.53 | 2.11 | 5.81 | 10.03 | 15.84 | 16.37 | 16.37 | 19.01 | 11.09 | 1.06 | 0.00 | 1.80 |
| 128 129 | 5/16/2013 5/16/2013 | 16 17 | 58 3 | 0.53 | 2.11 | 5.81 2.06 | 10.03 | 15.84 16.00 | 16.37 28.90 | 16.37 32.52 | 19.01 11.36 | 11.09 2.06 | 1.06 0.00 | 0.00 | 1.80 1.41 |
| 128 129 130 | 5/16/2013 5/16/2013 5/16/2013 | 16 17 17 | 58 3 8 | 0.53 0.00 0.00 | 2.11 0.00 0.00 | 5.81 2.06 0.00 | 10.03 5.68 0.00 | 15.84 16.00 9.10 | 16.37 28.90 29.83 | 16.37 32.52 39.43 | 19.01 11.36 16.68 | 11.09 2.06 3.03 | 1.06 0.00 0.00 | 0.00 0.00 0.00 | 1.80 1.41 1.93 |
| 128 129 130 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | 16 17 17 | 58 3 8 | 0.53 0.00 0.00 | 2.11 0.00 0.00 | 5.81 2.06 0.00 | 10.03 5.68 0.00 | 15.84 16.00 9.10 | 16.37 28.90 29.83 | 16.37 32.52 39.43 | 19.01 11.36 16.68 | 11.09 2.06 3.03 2.85 | 1.06 0.00 0.00 | 0.00 0.00 0.00 | 1.80 1.41 1.93 8.75 |
| 128 129 130 131 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | 16 17 17 17 | 58 3 8 17 | 0.53 0.00 0.00 0.00 | 2.11 0.00 0.00 0.00 | 5.81 2.06 0.00 0.55 | 10.03 5.68 0.00 4.40 | 15.84 16.00 9.10 24.74 | 16.37 28.90 29.83 31.88 | 16.37 32.52 39.43 14.84 | 19.01 11.36 16.68 4.40 | 11.09 2.06 3.03 3.85 | 1.06 0.00 0.00 2.75 | 0.00 0.00 0.00 3.85 | 1.80 1.41 1.93 8.75 |
| 128 129 130 131 132 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | 16 17 17 17 17 | 58 3 8 17 21 | 0.53 0.00 0.00 0.00 0.00 | 2.11 0.00 0.00 0.53 | 5.81 2.06 0.00 0.55 2.63 | 10.03 5.68 0.00 4.40 8.43 | 15.84 16.00 9.10 24.74 22.65 | 16.37 28.90 29.83 31.88 32.13 | 16.37 32.52 39.43 14.84 20.54 | 19.01 11.36 16.68 4.40 6.85 | 11.09 2.06 3.03 3.85 3.16 | 1.06 0.00 0.00 2.75 0.53 | 0.00 0.00 0.00 3.85 0.00 | 1.80 1.41 1.93 8.75 2.55 |
| 128 129 130 131 132 133 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | 16 17 17 17 17 17 17 | 58 3 8 17 21 26 | 0.53 0.00 0.00 0.00 0.00 1.51 | 2.11 0.00 0.00 0.53 1.51 | 5.81 2.06 0.00 0.55 2.63 3.52 | 10.03 5.68 0.00 4.40 8.43 8.54 | 15.84 16.00 9.10 24.74 22.65 24.62 | 16.37 28.90 29.83 31.88 32.13 28.64 | 16.37 32.52 39.43 14.84 20.54 13.57 | 19.01 11.36 16.68 4.40 6.85 9.55 | 11.09 2.06 3.03 3.85 3.16 4.02 | 1.06 0.00 2.75 0.53 1.00 | 0.00 0.00 3.85 0.00 1.00 | 1.80 1.41 1.93 8.75 2.55 2.53 |
| 128 129 130 131 132 133 134 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | 16 17 17 17 17 17 17 17 | 58 3 8 17 21 26 32 | 0.53 0.00 0.00 0.00 0.00 1.51 0.00 | 2.11 0.00 0.00 0.53 1.51 0.51 | 5.81 2.06 0.00 0.55 2.63 3.52 1.02 | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 | 15.84 16.00 9.10 24.74 22.65 24.62 18.34 | 16.37 28.90 29.83 31.88 32.13 28.64 40.75 | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 | 11.09 2.06 3.03 3.85 3.16 4.02 1.02 | 1.06 0.00 2.75 0.53 1.00 0.00 | 0.00 0.00 3.85 0.00 1.00 0.00 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 |
| 128 129 130 131 132 133 134 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | 16 17 17 17 17 17 17 17 17 | 58 3 8 17 21 26 32 37 | 0.53 0.00 0.00 0.00 0.00 1.51 0.00 | 2.11 0.00 0.00 0.53 1.51 0.51 | 5.81 2.06 0.00 0.55 2.63 3.52 1.02 0.00 | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 0.93 | 15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 | 16.37 28.90 29.83 31.88 32.13 28.64 40.75 43.03 | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 5.09 | 11.09 2.06 3.03 3.85 3.16 4.02 1.02 0.46 | 1.06 0.00 2.75 0.53 1.00 0.00 | 0.00 0.00 3.85 0.00 1.00 0.00 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 1.44 |
| 128 129 130 131 132 133 134 135 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | 16 17 17 17 17 17 17 17 17 | 58 3 8 17 21 26 32 37 7 | 0.53 0.00 0.00 0.00 0.00 1.51 0.00 0.00 | 2.11 0.00 0.00 0.53 1.51 0.51 0.00 | 5.81 2.06 0.00 0.55 2.63 3.52 1.02 0.00 | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 0.93 | 15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 | 16.37 28.90 29.83 31.88 32.13 28.64 40.75 43.03 | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 5.09 | 11.09 2.06 3.03 3.85 3.16 4.02 1.02 0.46 | 1.06 0.00 2.75 0.53 1.00 0.00 0.00 | 0.00 0.00 3.85 0.00 1.00 0.00 0.00 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 1.44 |
| 128 129 130 131 132 133 134 135 136 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 8 | 58 3 8 17 21 26 32 37 7 | 0.53 0.00 0.00 0.00 1.51 0.00 0.00 0.00 | 2.11 0.00 0.00 0.53 1.51 0.51 0.00 0.00 | 5.81 2.06 0.00 0.55 2.63 3.52 1.02 0.00 0.00 | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 0.93 0.00 | 15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 0.00 | 16.37 28.90 29.83 31.88 32.13 28.64 40.75 43.03 0.00 | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 5.09 0.00 | 11.09 2.06 3.03 3.85 3.16 4.02 1.02 0.46 0.00 | $\begin{array}{c} 1.06 \\ 0.00 \\ 2.75 \\ 0.53 \\ 1.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \end{array}$ | 0.00 0.00 3.85 0.00 1.00 0.00 0.00 6.74 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 1.44 93.26 |
| 128 129 130 131 132 133 134 135 136 137 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 8 8 | 58 3 8 17 21 26 32 37 7 26 | 0.53 0.00 0.00 0.00 1.51 0.00 0.00 0.00 0.00 | 2.11 0.00 0.00 0.53 1.51 0.51 0.00 0.00 2.80 | 5.81 2.06 0.00 0.55 2.63 3.52 1.02 0.00 0.00 7.92 | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 0.93 0.00 18.17 | 15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 0.00 27.49 | 16.37 28.90 29.83 31.88 32.13 28.64 40.75 43.03 0.00 11.65 | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 5.09 0.00 2.33 | 11.09 2.06 3.03 3.85 3.16 4.02 1.02 0.46 0.00 3.73 | $\begin{array}{c} 1.06\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\ 0.00\\ 0.00\\ 4.19\\ \end{array}$ | 0.00 0.00 3.85 0.00 1.00 0.00 0.00 6.74 6.99 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 1.44 93.26 8.69 |
| 128 129 130 131 132 133 134 135 136 137 138 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 8 8 8 8 | 58 3 8 17 21 26 32 37 7 26 35 35 | 0.53 0.00 0.00 0.00 1.51 0.00 0.00 0.00 2.80 0.00 | 2.11 0.00 0.00 0.53 1.51 0.51 0.00 0.00 2.80 0.00 | $5.81 \\ 2.06 \\ 0.00 \\ 0.55 \\ 2.63 \\ 3.52 \\ 1.02 \\ 0.00 \\ 0.00 \\ 7.92 \\ 0.00 \\ $ | $\begin{array}{c} 10.03 \\ 5.68 \\ 0.00 \\ 4.40 \\ 8.43 \\ 8.54 \\ 4.08 \\ 0.93 \\ 0.00 \\ 18.17 \\ 2.64 \end{array}$ | 15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 0.00 27.49 1.76 | 16.37 28.90 29.83 31.88 32.13 28.64 40.75 43.03 0.00 11.65 2.64 | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 5.09 0.00 2.33 14.97 | 11.09 2.06 3.03 3.85 3.16 4.02 1.02 0.46 0.00 3.73 19.37 | 1.06 0.00 2.75 0.53 1.00 0.00 0.00 4.19 8.81 | 0.00 0.00 3.85 0.00 1.00 0.00 6.74 6.99 3.52 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 1.44 93.26 8.69 31.31 |
| 128 129 130 131 132 133 134 135 136 137 138 138 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 17 8 8 8 8 8 8 | 58 3 8 17 21 26 32 37 7 26 35 42 | $\begin{array}{c} 0.53 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 1.51 \\ 0.00 \\ 0.00 \\ 0.00 \\ 2.80 \\ 0.00 \\ 0.$ | 2.11 0.00 0.00 0.53 1.51 0.51 0.00 0.00 2.80 0.00 0.00 0.00 | 5.81 2.06 0.00 0.55 2.63 3.52 1.02 0.00 0.00 7.92 0.00 0.00 | $\begin{array}{c} 10.03 \\ 5.68 \\ 0.00 \\ 4.40 \\ 8.43 \\ 8.54 \\ 4.08 \\ 0.93 \\ 0.00 \\ 18.17 \\ 2.64 \\ 0.00 \end{array}$ | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\end{array}$ | 16.37 28.90 29.83 31.88 32.13 28.64 40.75 43.03 0.00 11.65 2.64 4 19 | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 29.36 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 5.09 0.00 2.33 14.97 24.57 | 11.09 2.06 3.03 3.85 3.16 4.02 1.02 0.46 0.00 3.73 19.37 22.17 | 1.06 0.00 2.75 0.53 1.00 0.00 0.00 4.19 8.81 4.19 | 0.00 0.00 3.85 0.00 1.00 0.00 6.74 6.99 3.52 0.00 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 1.44 93.26 8.69 31.31 14.90 |
| 128 129 130 131 132 133 134 135 136 137 138 139 140 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 17 8 8 8 8 8 8 | 58 3 8 17 21 26 32 37 7 26 35 42 | 0.53 0.00 0.00 0.00 1.51 0.00 0.00 0.00 2.80 0.00 0.00 0.00 | 2.11 0.00 0.00 0.53 1.51 0.00 0.00 2.80 0.00 0.00 0.00 | 5.81 2.06 0.00 0.55 2.63 3.52 1.02 0.00 0.00 7.92 0.00 0.00 0.00 | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 0.93 0.00 18.17 2.64 0.00 0.00 | 15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 0.00 27.49 1.76 0.60 | 16.37 28.90 29.83 31.88 32.13 28.64 40.75 43.03 0.00 11.65 2.64 4.19 6.18 | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 29.36 17.98 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 5.09 0.00 2.33 14.97 24.57 20.23 | 11.09 2.06 3.03 3.85 3.16 4.02 1.02 0.46 0.00 3.73 19.37 22.17 30.90 | 1.06 0.00 2.75 0.53 1.00 0.00 0.00 4.19 8.81 4.19 8.80 | 0.00 0.00 3.85 0.00 1.00 0.00 6.74 6.99 3.52 0.00 2.25 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 1.44 93.26 8.69 31.31 14.90 11.78 |
| 128 129 130 131 132 133 134 135 136 137 138 139 140 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 17 8 8 8 8 8 8 | 58 3 8 17 21 26 32 37 7 26 35 42 49 9 9 7 | 0.53 0.00 0.00 0.00 1.51 0.00 0.00 0.00 2.80 0.00 0.00 0.00 0.00 | 2.11 0.00 0.00 0.53 1.51 0.51 0.00 2.80 0.00 2.80 0.00 0.00 0.00 0.00 | 5.81 2.06 0.00 0.55 2.63 3.52 1.02 0.00 0.00 7.92 0.00 0.00 0.00 0.00 | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 0.93 0.00 18.17 2.64 0.00 0.00 | 15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 0.00 27.49 1.76 0.60 1.69 | 16.37 28.90 29.83 31.88 32.13 28.64 40.75 43.03 0.00 11.65 2.64 4.19 6.18 | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 29.36 17.98 17.98 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 5.09 0.00 2.33 14.97 24.57 20.23 | 11.09 2.06 3.03 3.85 3.16 4.02 1.02 0.46 0.00 3.73 19.37 22.17 30.90 | $ \begin{array}{c} 1.06\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\ 0.00\\ 4.19\\ 8.81\\ 4.19\\ 8.99\\ 6.62 \end{array} $ | 0.00 0.00 3.85 0.00 1.00 0.00 6.74 6.99 3.52 0.00 2.25 2.46 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 1.44 93.26 8.69 31.31 14.90 11.78 |
| 128 129 130 131 132 133 134 135 136 137 138 139 140 141 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 17 8 8 8 8 8 8 | 58 3 8 17 21 26 32 37 7 26 35 42 49 53 | 0.53 0.00 0.00 0.00 1.51 0.00 0.00 0.00 0.00 | 2.11 0.00 0.00 0.53 1.51 0.51 0.00 0.00 0.00 0.00 0.00 0.00 | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$ | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 0.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 0.00\\ 0.70\\ \end{array}$ | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\end{array}$ | $\begin{array}{r} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ \end{array}$ | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 29.36 17.98 24.42 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 5.09 0.00 2.33 14.97 24.57 20.23 20.94 | 11.09 2.06 3.03 3.85 3.16 4.02 1.02 0.46 0.00 3.73 19.37 22.17 30.90 16.05 | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\ 0.00\\ 4.19\\ 8.81\\ 4.19\\ 8.99\\ 6.98\\ \end{array}$ | 0.00 0.00 3.85 0.00 1.00 0.00 6.74 6.99 3.52 0.00 2.25 3.49 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.58 |
| 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 8 8 8 8 8 8 8 8 8 8 8 9 | 58 3 8 17 21 26 32 37 7 26 35 42 49 53 3 | $\begin{array}{c} 0.53\\ 0.00\\ 0.00\\ 0.00\\ 1.51\\ 0.00\\$ | 2.11 0.00 0.00 0.53 1.51 0.00 0.00 2.80 0.00 0.00 0.00 0.00 0.00 | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 0.00\\ 7.92\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$ | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 0.93 0.00 18.17 2.64 0.00 0.00 0.70 1.72 | 15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 0.00 27.49 1.76 0.60 1.69 3.49 10.33 | $\begin{array}{c} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ \end{array}$ | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 29.36 17.98 24.42 31.00 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 5.09 0.00 2.33 14.97 24.57 20.23 20.94 21.81 | 11.09 2.06 3.03 3.85 3.16 4.02 1.02 0.46 0.00 3.73 19.37 22.17 30.90 16.05 4.59 | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\ 0.00\\ 4.19\\ 8.81\\ 4.19\\ 8.89\\ 6.98\\ 0.57\\ \end{array}$ | 0.00 0.00 3.85 0.00 1.00 0.00 6.74 6.99 3.52 0.00 2.25 3.49 0.00 | $\begin{array}{c} 1.80 \\ 1.41 \\ 1.93 \\ 8.75 \\ 2.55 \\ 2.53 \\ 1.17 \\ 1.44 \\ 93.26 \\ 8.69 \\ 31.31 \\ 14.90 \\ 11.78 \\ 8.58 \\ 3.56 \end{array}$ |
| 128 129 130 131 132 133 134 135 136 137 138 139 140 141 141 142 143 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 17 8 8 8 8 8 8 | 58 3 8 17 21 26 35 42 49 53 3 8 | 0.53 0.00 0.00 0.00 1.51 0.00 0.00 0.00 0.00 | 2.11 0.00 0.00 0.53 1.51 0.51 0.00 2.80 0.00 0.00 0.00 0.00 0.00 0.00 | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\$ | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 0.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 0.00\\ 0.70\\ 0.70\\ 0.70\\ 0.69\\ \end{array}$ | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 3.43\\ \end{array}$ | $\begin{array}{c} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ \end{array}$ | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 29.36 17.98 24.42 31.00 15.08 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 5.09 0.00 2.33 14.97 24.57 20.94 21.81 4.11 | 11.09 2.06 3.03 3.85 3.16 4.02 1.02 0.46 0.00 3.73 19.37 22.17 30.90 16.05 4.59 6.85 | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\ 0.00\\ 0.00\\ 4.19\\ 8.81\\ 4.19\\ 8.99\\ 6.98\\ 0.57\\ 6.85\\ \end{array}$ | 0.00 0.00 3.85 0.00 1.00 0.00 0.00 0.00 0.74 6.99 3.52 0.00 2.25 3.49 0.00 8.22 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.58 3.56 42.43 |
| 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 17 8 8 8 8 8 8 | 58 3 8 17 21 26 32 37 7 26 35 42 49 53 3 8 8 | 0.53 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 2.11 0.00 0.00 0.00 0.51 0.51 0.00 0.51 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.51 0.00 | 5.81 2.06 0.00 0.55 2.63 3.52 1.02 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 0.93 0.00 18.17 2.64 0.00 0.00 0.70 1.72 0.69 13.22 | 15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 0.00 27.49 1.76 0.60 1.69 3.49 10.33 3.43 | $\begin{array}{c} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ \end{array}$ | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 29.36 14.97 29.36 14.97 29.36 17.98 24.42 31.00 15.08 6.37 | 19.01 11.36 16.68 4.40 6.85 5.60 5.09 0.00 2.33 14.97 24.57 20.23 20.94 21.81 4.11 1.47 | 11.09 2.06 3.03 3.85 3.16 4.02 1.02 0.46 0.00 3.73 19.37 22.17 30.90 16.05 4.59 6.85 3.43 | 1.06 0.00 2.75 0.53 1.00 0.00 0.00 0.00 4.19 8.81 4.19 8.99 6.98 0.57 6.85 2.45 | 0.00 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 0.74 6.99 3.52 0.00 2.25 3.49 0.00 8.22 1.96 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.58 3.56 42.43 12.84 |
| 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 17 17 17 8 8 8 8 | 58 3 8 17 21 26 32 37 7 26 35 42 49 53 3 8 12 18 | 0.53 0.00 0.00 0.00 1.51 0.00 0.00 2.80 0.00 0.00 0.00 0.00 0.00 | 2.11 0.00 0.00 0.53 1.51 0.51 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.53 0.51 0.00 0.00 0.00 0.00 0.53 0.51 0.00 0.00 0.00 0.00 0.53 0.51 0.00 0.00 0.00 0.00 0.53 0.00 0.00 0.00 0.00 0.53 0.00 | 5.81 2.06 0.00 0.55 2.63 3.52 1.02 0.00 7.92 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 0.93 0.00 18.17 2.64 0.00 0.00 0.70 0.72 0.69 13.22 8.28 | 15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 0.00 27.49 1.76 0.60 1.69 3.49 10.33 3.43 31.83 34.03 | 16.37 28.90 29.83 31.88 32.13 28.64 40.75 43.03 0.00 11.65 2.64 4.19 6.18 15.35 26.41 12.34 19.59 40.92 | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 29.36 17.98 24.42 31.00 15.08 6.37 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 2.33 14.97 24.57 20.23 20.94 21.81 4.11 1.47 0.92 | 11.09 2.06 3.03 3.85 3.16 4.02 1.02 0.46 0.00 3.73 19.37 22.17 30.90 16.05 4.59 6.85 3.43 0.00 | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\ 0.00\\ 4.19\\ 8.81\\ 4.19\\ 8.98\\ 0.57\\ 6.85\\ 2.45\\ 0.46\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 3.85\\ 0.00\\ 1.00\\ 0.00\\ 0.00\\ 0.00\\ 6.74\\ 6.99\\ 3.52\\ 0.00\\ 2.25\\ 3.49\\ 0.00\\ 8.22\\ 1.96\\ 0.00\\ \end{array}$ | 1.80 1.41 1.93 8.75 2.55 2.55 2.53 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.58 3.56 42.43 12.84 3.44 |
| 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 17 17 8 8 8 8 8 | 58 3 8 17 21 26 32 37 7 26 35 42 49 53 3 8 12 18 8 27 | $\begin{array}{c} 0.53 \\ 0.00 \\ 0.00 \\ 0.00 \\ 1.51 \\ 0.00 \\ 0.$ | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.51\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.47\\ 0.00\\ 2.10\\ \end{array}$ | 5.81 2.06 0.00 0.55 2.63 3.52 1.02 0.00 | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 0.93 0.00 18.17 2.64 0.00 0.00 0.70 1.72 0.69 13.22 8.28 | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 34.33\\ 34.33\\ 31.83\\ 34.03\\ 27.20\end{array}$ | $\begin{array}{c} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 40.92\\ 10.92\\ \end{array}$ | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 29.36 14.97 29.36 14.97 29.36 14.97 29.36 17.98 24.42 31.00 15.08 6.37 10.58 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 5.09 0.00 2.33 14.97 24.57 20.23 20.94 21.81 4.11 1.47 0.92 | 11.09 2.06 3.03 3.85 3.16 4.02 1.02 0.46 0.00 3.73 19.37 22.17 30.90 16.05 4.59 6.85 3.43 0.00 | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\ 0.00\\ 4.19\\ 8.81\\ 4.19\\ 8.99\\ 6.98\\ 0.57\\ 6.85\\ 2.45\\ 2.45\\ 0.46\\ 1.27\\ \end{array}$ | 0.00 0.00 3.85 0.00 1.00 0.00 6.74 6.99 3.52 0.00 2.25 3.49 0.00 8.22 1.96 0.00 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.58 3.56 42.43 12.84 3.40 |
| $\begin{array}{r} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 144 \\ 144 \\ 145 \\ 146 \\ 146 \\ \end{array}$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 17 17 17 8 8 8 8 | 58 3 8 17 21 26 32 37 7 26 32 37 7 26 35 42 49 53 3 8 12 12 18 26 53 5 53 5 53 53 53 53 53 53 | 0.53 0.00 0.00 1.51 0.00 0.00 2.80 0.00 0.00 0.00 0.00 0.00 | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.51\\ 0.00\\ 2.80\\ 0.00\\$ | 5.81 2.06 0.00 0.55 2.63 3.52 1.02 0.00 7.92 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 1.38 13.65 | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 0.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 1.72\\ 0.69\\ 1.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ \end{array}$ | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 3.43\\ 31.83\\ 34.03\\ 27.30\\ \end{array}$ | $\begin{array}{c} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 40.92\\ 10.92\\ 10.92\\\end{array}$ | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 29.36 17.98 24.42 31.00 15.08 6.37 10.58 3.19 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 2.33 14.97 24.57 20.23 20.94 21.81 4.11 1.47 0.92 1.82 | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ \end{array}$ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\ 0.00\\ 4.19\\ 8.81\\ 4.19\\ 8.89\\ 6.98\\ 0.57\\ 6.85\\ 2.45\\ 0.46\\ 1.37\\ \end{array}$ | 0.00 0.00 0.00 3.85 0.00 1.00 0.00 0.00 0.00 0.00 6.74 6.99 3.52 0.00 2.25 3.49 0.00 8.22 1.96 0.00 8.22 1.96 0.00 3.19 0.00 0.25 0.25 0.00 0.25 0.00 0.25 0.00 0.00 0.00 0.00 0.00 0.25 0.25 0.25 0.25 0.00 0.25 0.25 0.00 0.00 0.25 0.00 0.00 0.25 0.00 0.00 0.25 0.25 0.00 0.00 0.00 0.00 0.25 0.00 0.00 0.25 0.00 0.00 0.25 0.00 0.00 0.25 0.00 0.00 0.25 0.00 0.00 0.25 0.25 0.00 0.00 0.00 0.00 0.25 | 1.80 1.41 1.93 8.75 2.55 2.55 2.55 2.53 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.58 3.56 42.43 12.84 3.44 4.90 |
| $\begin{array}{r} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ \end{array}$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 17 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | 58 3 8 17 21 26 32 37 26 35 42 49 53 3 8 12 18 26 31 | $\begin{array}{c} 0.53\\ 0.00\\ 0.00\\ 0.00\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.51\\ 0.00\\ 0.00\\ 2.80\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.47\\ 0.00\\ 1.47\\ 0.00\\ 3.19\\ 0.00\\ \end{array}$ | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.38\\ 13.65\\ 0.00\\ \end{array}$ | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 9.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 0.70\\ 1.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ 0.00\\ \end{array}$ | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 3.43\\ 31.83\\ 34.03\\ 27.30\\ 0.00\\ \end{array}$ | $\begin{array}{c} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 2.641\\ 12.34\\ 19.59\\ 40.92\\ 10.92\\ 0.00\\ \end{array}$ | $\begin{array}{c} 16.37\\ 32.52\\ 39.43\\ 14.84\\ 20.54\\ 13.57\\ 27.51\\ 37.48\\ 0.00\\ 3.26\\ 14.97\\ 29.36\\ 17.98\\ 24.42\\ 31.00\\ 15.08\\ 6.37\\ 10.58\\ 3.19\\ 0.00\\ \end{array}$ | 19.01 11.36 16.68 4.40 6.85 5.60 0.00 2.33 14.97 24.57 20.23 20.94 21.81 4.11 1.47 0.92 1.82 0.00 | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ \end{array}$ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\ 0.00\\ 0.00\\ 4.19\\ 8.81\\ 4.19\\ 8.99\\ 6.98\\ 8.81\\ 4.19\\ 8.99\\ 6.98\\ 2.45\\ 0.46\\ 1.37\\ 4.05\\ \end{array}$ | 0.00 0.00 3.85 0.00 1.00 0.00 6.74 6.99 3.52 0.00 2.25 3.49 0.00 8.22 1.96 0.00 8.22 1.96 0.01 9.3.19 28.37 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.58 3.56 42.43 12.84 3.44 4.90 67.57 |
| $\begin{array}{r} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \end{array}$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 17 9 | 58 3 8 17 21 26 32 7 7 26 35 42 49 53 3 8 8 8 12 18 26 31 39 | $\begin{array}{c} 0.53\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.51\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.91\\ 0.00\\$ | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.38\\ 13.65\\ 0.00\\ 0.00\\ \end{array}$ | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 0.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 0.70\\ 1.72\\ 8.28\\ 27.76\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$ | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 3.43\\ 31.83\\ 34.03\\ 27.30\\ 0.00\\ 0.00\\ \end{array}$ | $\begin{array}{r} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 40.92\\ 10.92\\ 0.00\\ 0.00\\ \end{array}$ | $\begin{array}{c} 16.37\\ 32.52\\ 39.43\\ 14.84\\ 20.54\\ 13.57\\ 27.51\\ 37.48\\ 0.00\\ 3.26\\ 14.97\\ 29.36\\ 17.98\\ 24.42\\ 31.00\\ 15.08\\ 6.37\\ 10.58\\ 3.19\\ 0.00\\ 0.00\\ \end{array}$ | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 2.33 14.97 24.57 20.23 20.94 21.81 4.11 1.47 0.92 1.82 0.00 0.00 | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 0.00 \end{array}$ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 3.85 0.00 1.00 0.00 6.74 6.99 3.52 0.00 2.25 3.49 0.00 8.22 1.96 0.00 3.19 28.37 21.59 | 1.80 1.41 1.93 8.75 2.55 2.55 2.55 2.55 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.58 3.56 42.43 12.84 3.44 4.90 67.57 75.72 |
| $\begin{array}{c} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 149 \end{array}$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 8 8 8 9 >9 >9 > | 58 3 8 17 21 26 32 7 26 35 42 49 53 8 12 18 26 31 39 58 | $\begin{array}{c} 0.53\\ 0.00\\ 0.00\\ 0.00\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.53\\ 1.51\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.47\\ 0.00\\ 0.00\\ 1.47\\ 0.00\\$ | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.38\\ 13.65\\ 0.00\\ 0.00\\ 0.3.46\\ \end{array}$ | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 0.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 0.00\\ 0.70\\ 1.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ 0.00\\ 0$ | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 3.43\\ 31.83\\ 34.03\\ 34.03\\ 27.30\\ 0.00\\ 0.00\\ 0.00\\ 21.44\end{array}$ | $\begin{array}{c} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 40.92\\ 10.92\\ 10.92\\ 0.00\\ 0.00\\ 13.14\end{array}$ | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 29.36 14.97 29.36 14.97 29.36 14.97 29.36 17.98 24.42 31.00 15.08 6.37 10.58 3.19 0.00 0.00 4.84 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 5.09 0.00 2.33 20.94 24.57 20.23 20.94 21.81 4.11 1.47 0.92 1.82 0.00 0.00 0.00 2.07 | 11.09 2.06 3.03 3.85 3.16 4.02 1.02 0.46 0.00 3.73 19.37 22.17 30.90 16.05 4.59 6.85 3.43 0.00 0.85 3.43 0.00 1.82 | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 4.19\\ 8.81\\ 4.19\\ 8.99\\ 6.98\\ 8.81\\ 4.19\\ 8.99\\ 6.98\\ 2.45\\ 0.46\\ 1.37\\ 4.05\\ 2.70\\ 4.15\\ \end{array}$ | 0.00 0.00 0.00 3.85 0.00 1.00 0.00 0.00 0.00 0.00 0.00 2.25 3.49 0.00 2.25 3.49 0.00 8.22 1.96 0.00 3.19 28.37 21.59 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.58 3.56 42.43 12.84 3.44 4.90 67.57 75.72 25.72 |
| $\begin{array}{c} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 9 | 58 3 8 17 21 26 37 7 26 353 3 8 12 18 26 31 39 58 | 0.53 0.00 0.00 0.00 1.51 0.00 0.00 0.00 0.00 | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.51\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.47\\ 0.00\\ 1.47\\ 0.00\\ 3.19\\ 0.00\\$ | $\begin{array}{c} 5.81 \\ 2.06 \\ 0.00 \\ 0.55 \\ 2.63 \\ 3.52 \\ 1.02 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 1.38 \\ 13.65 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 1.62 \\ 1$ | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 9.93 0.00 18.17 2.64 0.00 0.00 0.70 1.72 8.28 27.76 0.00 0.00 0.00 9.69 13.22 8.28 27.76 0.00 0 | 15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 0.00 27.49 1.76 0.60 1.69 3.49 10.33 3.43 31.83 34.03 27.30 0.00 | 16.37 28.90 29.83 31.88 32.13 28.64 40.75 2.64 43.03 0.00 11.65 2.64 4.19 6.18 15.35 26.41 12.34 19.59 40.92 10.92 0.00 0.00 0.00 13.14 21.15 | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 29.36 17.98 24.42 31.00 15.08 6.37 10.58 3.19 0.00 0.00 4.84 22 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 0.00 2.33 14.97 24.57 20.23 20.94 21.81 1.47 0.92 1.82 0.00 0.00 0.00 2.33 14.97 24.57 20.23 20.94 21.81 1.47 0.92 1.82 0.00 0.00 0.00 0.02 0.03 0.04 0.05 0.05 0.000 0.00 | 11.09 2.06 3.03 3.85 3.16 4.02 0.46 0.00 3.73 19.37 22.17 30.90 16.05 4.59 6.85 3.43 0.00 1.82 0.00 1.82 0.00 0.00 1.33 5.5 | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\ 0.00\\ 4.19\\ 8.81\\ 4.19\\ 8.99\\ 6.98\\ 0.57\\ 2.45\\ 0.46\\ 1.37\\ 4.05\\ 2.70\\ 4.15\\ 3.25\\ \end{array}$ | 0.00 0.00 3.85 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 2.25 3.49 0.00 8.22 1.96 0.00 3.19 2.83 7 21.59 14.55 6.51 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 1.44 93.26 8.69 31.31 14.490 11.78 8.58 3.56 42.43 12.84 3.44 4.90 67.57 75.72 25.31 17 17 17 17 17 17 17 18 18 19 19 19 10 10 10 10 10 10 10 10 10 10 |
| $\begin{array}{r} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 55 \end{array}$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 17 9 10 | $\begin{array}{r} 58\\3\\8\\8\\17\\21\\26\\32\\37\\7\\26\\35\\42\\49\\33\\8\\12\\18\\26\\31\\39\\58\\58\\5\\5\\5\\5\\5\\5\\5\\5\\5\\5\\5\\5\\5\\5\\5\\5\\$ | 0.53 0.00 0.00 0.00 1.51 0.00 0.00 0.00 0.00 | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.53\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\$ | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 0.93 0.00 18.17 2.64 0.00 0.70 0.70 0.69 13.22 8.28 27.76 0.00 0.00 0.00 0.76 8.28 27.76 0.000 0.00 | 15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 0.00 27.49 1.76 0.60 1.69 3.49 10.33 3.43 31.83 34.03 27.30 0.00 0.000 0.144 24.95 2.52 | $\begin{array}{c} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 20.00\\ 0.00\\ 0.00\\ 13.14\\ 21.15\\ 26.65\\ 1.1$ | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 29.36 17.98 24.42 31.00 15.08 6.37 10.58 3.19 0.00 0.000 0.000 0.4.84 9.22 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 0.00 2.33 14.97 24.57 20.23 20.94 21.81 4.11 1.47 0.92 1.82 0.00 0.00 0.207 3.25 | 11.09 2.06 3.03 3.85 3.16 4.02 1.02 0.46 0.00 3.73 19.37 22.17 30.90 16.05 4.59 6.85 3.43 0.00 1.82 0.00 1.82 0.00 1.38 3.25 4.55 | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 | 1.80 1.41 1.93 8.75 2.55 2.55 2.53 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.58 8.56 42.43 12.84 3.44 4.90 67.57 75.72 25.31 17.01 2.53 |
| $\begin{array}{c} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ \end{array}$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 8 8 8 9 10 | 58 3 8 17 21 26 37 7 26 35 42 49 53 8 12 18 26 33 8 12 18 26 31 39 58 13 | $\begin{array}{c} 0.53\\ 0.00\\ 0.00\\ 0.00\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.51\\ 0.00\\ 0.00\\ 2.80\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.47\\ 0.00\\ 0.00\\ 1.47\\ 0.00\\$ | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 1.38\\ 5\\ 0.00\\ 0.00\\ 0.3.65\\ 1.63\\ 1.11\\ \end{array}$ | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 9.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 0.00\\ 0.70\\ 1.72\\ 8.28\\ 27.76\\ 0.00\\ 0.00\\ 0.00\\ 9.68\\ 8.68\\ 2.76\\ \end{array}$ | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 3.43\\ 31.83\\ 34.03\\ 27.30\\ 0.00\\ 0.00\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ \end{array}$ | $\begin{array}{c} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 26.41\\ 30.3\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 40.92\\ 10.92\\ 10.92\\ 0.00\\ 0.00\\ 13.14\\ 21.15\\ 25.43\\ \end{array}$ | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 29.36 14.97 29.36 14.97 29.36 14.97 29.36 14.97 29.36 14.97 29.36 14.97 29.36 14.84 14.84 14.97 29.36 14.84 14.97 29.36 14.97 29.36 14.84 14.97 29.36 14.84 14.97 29.36 20.00 15.08 3.19 20.00 15.08 3.19 20.00 20.0 | 19.01 11.36 16.68 4.40 6.85 5.60 0.00 2.33 14.97 24.57 20.23 20.94 21.81 4.11 1.47 0.92 1.82 0.00 0.00 2.00 2.325 10.50 | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ \end{array}$ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\ 0.00\\ 4.19\\ 8.81\\ 4.19\\ 8.99\\ 6.98\\ 2.45\\ 0.57\\ 6.85\\ 2.45\\ 0.46\\ 1.37\\ 4.05\\ 2.70\\ 4.15\\ 3.25\\ 2.76\\ \end{array}$ | 0.00 0.00 0.00 3.85 0.00 1.00 0.00 6.74 6.99 3.52 0.00 2.25 3.49 0.00 8.22 1.96 0.00 8.22 1.96 0.00 8.22 1.96 0.3.19 28.37 21.59 14.52 6.51 1.11 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.56 42.43 12.84 3.44 4.90 67.57 75.72 25.31 17.01 9.89 |
| $\begin{array}{r} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 152 \end{array}$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 18 8 8 8 8 9 10 | 58 3 8 17 21 26 37 7 266 35 42 49 53 3 8 12 49 53 3 8 12 18 58 5 13 18 | $\begin{array}{c} 0.53\\ 0.00\\ 0.00\\ 0.00\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\$ | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 0.93 0.00 18.17 2.64 0.00 0.70 1.72 0.69 13.22 8.28 27.76 0.00 9.68 8.68 2.76 0.00 9.68 | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 3.43\\ 31.83\\ 34.03\\ 27.30\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ \end{array}$ | $\begin{array}{r} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 20.00\\ 13.14\\ 21.15\\ 25.43\\ 29.78\\ \end{array}$ | $\begin{array}{c} 16.37\\ 32.52\\ 39.43\\ 20.54\\ 14.84\\ 20.54\\ 13.57\\ 27.51\\ 37.48\\ 0.00\\ 3.26\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 14.97\\ 29.36\\ 14.97\\ 14.97\\ 33.24\\ 31.00\\ 15.08\\ 6.37\\ 10.58\\ 3.19\\ 0.00\\ 0.00\\ 4.84\\ 9.22\\ 33.72\\ 33.84\\ \end{array}$ | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 0.00 2.33 14.97 24.57 20.23 20.94 21.81 4.11 1.47 0.92 1.82 0.00 0.00 2.07 3.25 10.50 | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ 0.609\\ \end{array}$ | $\begin{array}{c} 1.06\\ 0.00\\$ | 0.00 0.00 3.85 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 0.00 2.25 3.49 0.00 2.25 3.49 0.00 3.19 28.37 21.59 14.52 6.51 1.11 0.00 | 1.80 1.41 1.93 8.75 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.53 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.58 3.56 42.43 3.44 4.90 67.57 75.72 25.31 17.01 9.89 5.24 |
| 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 18 8 8 8 9 | 58 3 8 17 21 26 32 37 7 26 35 42 49 53 8 12 18 26 31 39 5 13 18 27 | $\begin{array}{c} 0.53\\ 0.00\\ 0.00\\ 0.00\\ 1.51\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.08\\ 0.00\\$ | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.53\\ 1.51\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.47\\ 0.00\\ 0.00\\ 1.47\\ 0.00\\$ | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.38\\ 13.65\\ 0.00\\ 0.00\\ 3.46\\ 1.63\\ 1.11\\ 0.00$ | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 0.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 0.00\\ 1.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ 0.00\\ 0.00\\ 0.00\\ 9.68\\ 8.68\\ 2.76\\ 1.35\\ 0.00\\ \end{array}$ | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 1.76\\ 0.60\\ 1.69\\ 3.43\\ 31.83\\ 34.03\\ 31.83\\ 34.03\\ 31.83\\ 34.03\\ 27.30\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.05\\ 0.05\\ 0.05\\ 0.00\\ 0.05\\ 0.05\\ 0.00\\ 0.05\\ 0.00\\ 0.05\\ 0.00\\ 0.05\\ 0.00\\ 0.05\\ 0.05\\ 0.00\\ 0.05\\ 0.05\\ 0.00\\ 0.05\\ 0.05\\ 0.00\\ 0.05\\ 0.05\\ 0.00\\ 0.05\\ 0.05\\ 0.00\\ 0.05\\$ | 16.37 28.90 29.83 31.88 32.13 28.64 40.75 43.03 0.00 11.65 2.64 4.19 6.18 15.35 26.41 12.34 19.59 40.92 10.92 0.00 0.00 0.00 0.31.14 21.15 25.43 29.78 1.97 | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 29.36 17.98 24.42 31.00 15.08 6.37 10.58 6.37 10.58 3.19 0.00 0.00 4.84 9.22 33.72 33.72 33.72 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 0.00 2.33 14.97 24.57 20.23 20.94 21.81 4.11 1.47 0.92 1.82 0.00 0.00 2.07 3.25 10.50 12.18 30.21 | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ 6.09\\ 36.12\\ \end{array}$ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 0.00 3.85 0.00 1.00 0.00 6.74 6.99 3.52 0.00 2.25 3.49 0.00 8.22 1.96 0.00 8.22 1.96 0.00 8.22 1.96 0.00 8.22 1.96 0.00 3.19 28.37 21.59 14.52 6.51 1.11 0.00 3.28 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.58 3.56 42.43 12.84 3.44 4.90 67.57 75.72 25.31 17.01 9.89 5.24 12.00 |
| $\begin{array}{r} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 153 \\ 154 \end{array}$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 18 8 8 9 10 10 | 58 3 8 17 21 26 35 42 49 53 3 8 12 18 26 31 38 12 18 58 5 13 18 27 | $\begin{array}{c} 0.53 \\ 0.00 \\ 0.$ | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.38\\ 13.65\\ 0.00\\ 3.46\\ 1.63\\ 1.11\\ 0.00\\ 0.00\\ 0.63\\ \end{array}$ | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 0.93 0.00 18.17 2.64 0.00 0.00 1.72 0.69 13.22 8.28 27.76 0.00 9.68 8.68 8.68 8.66 2.76 1.35 0.00 | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 3.43\\ 31.83\\ 34.03\\ 27.30\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 7.62\\ \end{array}$ | 16.37 28.90 29.83 31.88 32.13 28.64 40.75 43.03 0.00 11.65 2.64 4.19 6.18 15.35 26.41 12.34 15.35 26.41 12.34 19.59 40.92 10.92 0.00 13.14 21.15 25.43 29.78 29.78 19.78 | $\begin{array}{c} 16.37\\ 32.52\\ 39.43\\ 14.84\\ 20.54\\ 13.57\\ 27.51\\ 37.48\\ 0.00\\ 3.26\\ 14.97\\ 29.36\\ 17.98\\ 24.42\\ 31.00\\ 15.08\\ 24.42\\ 31.00\\ 15.08\\ 3.19\\ 0.00\\ 4.84\\ 9.22\\ 33.72\\ 33.84\\ 5.25\\ 19.68\\ 19.68\\ 19.68\\ 19.68\\ 10.58\\ 10$ | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 2.33 14.97 24.57 20.23 20.94 21.81 4.11 1.47 0.92 1.82 0.00 2.07 3.25 10.50 12.18 30.21 6.35 | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ 6.09\\ 36.12\\ 4.44\\ \end{array}$ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 3.85 0.00 3.85 0.00 0.00 0.00 6.74 6.99 3.52 0.00 2.25 3.49 0.00 8.22 1.96 0.00 3.19 28.37 21.59 14.52 6.51 1.11 0.00 3.28 5.51 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 1.80 1.41 1.93 8.75 2.55 2.55 2.57 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.58 3.56 42.43 12.84 3.44 4.90 67.57 75.72 25.31 17.01 9.89 5.24 12.50 |
| $\begin{array}{c} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 153 \\ 154 \\ 157 \\$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 18 19 19 10 10 10 | 58 3 8 17 21 26 31 38 12 135 42 49 53 8 12 18 26 31 39 58 5 13 18 26 31 39 58 5 13 18 27 32 32 | $\begin{array}{c} 0.53 \\ 0.00 \\ 0.00 \\ 0.00 \\ 1.51 \\ 0.00 \\ 0.$ | 2.11 0.00 0.00 0.53 1.51 0.53 1.51 0.00 | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\$ | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 0.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 0.00\\ 0.70\\ 0.00\\ 0.70\\ 1.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ 0.00\\ 0.00\\ 0.00\\ 9.68\\ 8.68\\ 2.76\\ 1.35\\ 0.00\\ 1.90\\ 6.82\\ \end{array}$ | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 3.43\\ 31.83\\ 34.03\\ 27.30\\ 0.00\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 8.29\\ 10.15\\ 6.00\\ 7.62\\ 5.5\\ 16$ | $\begin{array}{c} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 32.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 2.6.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 10.92\\ 0.00\\ 0.00\\ 13.14\\ 21.15\\ 25.43\\ 29.78\\ 1.97\\ 18.41\\ 1.97\\ 18.41\\ 15.55\\ 1.97\\ 19.55\\ 19.$ | $\begin{array}{c} 16.37\\ 32.52\\ 39.43\\ 14.84\\ 20.54\\ 13.57\\ 27.51\\ 37.48\\ 0.00\\ 3.26\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 17.98\\ 24.42\\ 31.00\\ 15.08\\ 6.37\\ 10.58\\ 3.19\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 4.84\\ 9.22\\ 33.72\\ 33.84\\ 5.25\\ 19.68\\ 9.61\\ \end{array}$ | 19.01 11.36 16.68 9.55 5.60 5.09 0.00 2.33 14.97 24.57 20.23 20.94 21.81 4.11 1.47 0.92 1.82 0.00 0.00 2.07 3.25 10.50 12.18 30.21 6.35 | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ 6.09\\ 36.12\\ 4.42\\ 4.62\\ \end{array}$ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 | 1.80 1.41 1.93 8.75 2.55 2.55 2.55 2.55 2.55 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.56 42.43 12.84 3.56 42.43 12.84 4.90 67.57 75.72 25.31 17.01 9.89 5.24 12.00 25.51 17.01 9.89 5.24 12.00 12.55 17.01 |
| $\begin{array}{r} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 153 \\ 154 \\ 155 \\ 155 \end{array}$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 18 8 8 8 9 10 10 10 | 58 3 8 17 21 26 37 7 26 35 42 49 53 3 8 12 18 27 31 38 13 18 27 32 37 | $\begin{array}{c} 0.53\\ 0.00\\ 0.00\\ 0.00\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.51\\ 0.00\\ 0.00\\ 2.80\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.47\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.15\\ \end{array}$ | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 1.36\\ 1.3.65\\ 0.00\\ 0.00\\ 0.00\\ 3.46\\ 1.63\\ 1.11\\ 0.00\\ 0.63\\ 4.02\\ \end{array}$ | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 8.54\\ 4.08\\ 0.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 0.00\\ 0.70\\ 1.72\\ 8.28\\ 27.76\\ 1.32\\ 8.28\\ 27.76\\ 1.35\\ 0.00\\ 0.00\\ 9.68\\ 2.76\\ 1.35\\ 0.00\\ 1.90\\ 0.89\\ \end{array}$ | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 34.3\\ 31.83\\ 34.03\\ 27.30\\ 0.00\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 7.62\\ 16.65\\ \end{array}$ | $\begin{array}{c} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 2.64\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 40.92\\ 10.92\\ 10.92\\ 0.00\\ 0.00\\ 13.14\\ 21.15\\ 25.43\\ 29.78\\ 1.97\\ 18.41\\ 15.50\\ \end{array}$ | $\begin{array}{c} 16.37\\ 32.52\\ 39.43\\ 14.84\\ 20.54\\ 13.57\\ 27.51\\ 37.48\\ 0.00\\ 3.26\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 19.38\\ 31.9\\ 0.00\\ 15.08\\ 6.37\\ 10.58\\ 3.19\\ 0.00\\ 0.00\\ 4.84\\ 3.19\\ 0.00\\ 0.00\\ 4.84\\ 5.25\\ 19.68\\ 8.61\\ \end{array}$ | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 0.00 2.33 14.97 24.57 20.23 20.94 21.81 4.11 1.47 0.92 1.82 0.00 0.00 2.00 2.35 1.497 24.57 20.23 20.94 21.81 1.82 0.00 0.00 2.35 1.62 | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.32\\ 3.44\\ 4.59\\ 3.612\\ 4.44\\ 4.59\\ \end{array}$ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\ 0.00\\ 4.19\\ 8.81\\ 4.19\\ 8.99\\ 6.98\\ 2.45\\ 0.46\\ 1.37\\ 4.05\\ 2.70\\ 4.15\\ 3.25\\ 2.76\\ 1.35\\ 11.16\\ 5.08\\ 5.74\\ \end{array}$ | 0.00 0.00 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 2.25 3.49 0.00 2.25 3.49 0.00 8.22 1.96 0.00 3.19 2.837 21.59 14.52 6.51 1.11 0.00 3.28 5.52 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 93.26 8.69 31.31 14.90 11.78 8.56 42.43 12.84 3.44 4.90 67.57 75.72 25.31 17.01 9.89 5.24 12.00 25.08 15.61 |
| $\begin{array}{r} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 153 \\ 154 \\ 155 \\ 156 \\ 156 \\ 156 \\ 156 \\ 156 \\ 156 \\ 156 \\ 156 \\ 156 \\ 156 \\ 150 \\ 156 \\ 156 \\ 156 \\ 156 \\ 150 \\ 150 \\ 156 \\ 156 \\ 150 \\ 156 \\ 156 \\ 156 \\ 156 \\ 156 \\ 156 \\ 156 \\ 150 \\ 150 \\ 156 \\ 156 \\ 150 \\ 150 \\ 156 \\ 150 \\$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 18 19 10 10 | 58 3 8 17 21 26 37 7 266 35 42 49 53 3 8 12 18 26 31 39 58 5 13 18 27 32 37 37 42 | $\begin{array}{c} 0.53\\ 0.00\\ 0.00\\ 0.00\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.51\\ 0.00\\$ | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 0.63\\ 1.11\\ 0.00\\ 0.00\\ 0.63\\ 4.02\\ 4.23\\ \end{array}$ | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 0.93 0.00 18.17 2.64 0.00 0.00 1.72 0.69 13.22 8.28 27.76 0.00 0.00 0.00 0.70 1.72 0.69 13.22 8.28 27.76 0.00 0.00 1.75 0.00 1.35 0.00 1.35 0.00 1.93 0.00 1.93 0.00 | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 3.43\\ 31.83\\ 34.03\\ 27.30\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 7.62\\ 16.65\\ 21.17\\ \end{array}$ | $\begin{array}{r} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 20.00\\ 0.00\\ 13.14\\ 21.15\\ 25.43\\ 29.78\\ 1.97\\ 18.41\\ 15.50\\ 1.29\\ 11$ | $\begin{array}{c} 16.37\\ 32.52\\ 39.43\\ 14.84\\ 20.54\\ 13.57\\ 27.51\\ 37.48\\ 0.00\\ 3.26\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 17.98\\ 24.42\\ 31.00\\ 15.08\\ 6.37\\ 10.58\\ 3.19\\ 0.00\\ 4.84\\ 9.22\\ 33.72\\ 33.84\\ 5.25\\ 19.68\\ 8.61\\ 8.61\\ 8.61\\ 8.61\\ \end{array}$ | $\begin{array}{c} 19.01\\ 11.36\\ 16.68\\ 4.40\\ 6.85\\ 9.55\\ 5.60\\ 5.09\\ 0.00\\ 2.33\\ 14.97\\ 24.57\\ 20.23\\ 20.94\\ 21.81\\ 4.11\\ 1.47\\ 0.92\\ 1.82\\ 0.00\\ 2.07\\ 3.25\\ 10.50\\ 12.18\\ 30.21\\ 6.35\\ 6.31\\ 1.41\end{array}$ | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.08\\ 3.06\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ 0.00\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ 0.00\\ 0.00\\ 1.02\\ 0.00\\ $ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 3.85\\ 0.00\\ 3.85\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 2.25\\ 3.49\\ 0.00\\ 2.25\\ 3.49\\ 0.00\\ 3.19\\ 28.37\\ 21.59\\ 14.52\\ 6.51\\ 1.11\\ 0.00\\ 3.28\\ 10.79\\ 9.76\\ 13.40\\ \end{array}$ | 1.80 1.41 1.93 8.75 2.55 |
| $\begin{array}{r} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 153 \\ 154 \\ 155 \\ 156 \\ 157 \\$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 10 10 10 | 58 3 8 17 21 26 31 38 12 18 26 31 39 58 12 18 26 31 39 58 12 31 39 58 13 18 27 32 37 42 46 | $\begin{array}{c} 0.53\\ 0.00\\ 0.00\\ 0.00\\ 1.51\\ 0.00\\ 0.75\\ 0.00\\ 0.75\\ 0.00\\ 0.75\\ 0.00\\ 0.00\\ 0.75\\ 0.00\\$ | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.53\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\$ | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 9.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 0.00\\ 1.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ 0.00\\ 0.00\\ 9.68\\ 8.68\\ 2.76\\ 1.35\\ 0.00\\ 1.90\\ 6.89\\ 10.58\\ 0.75\\ \end{array}$ | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 1.76\\ 0.60\\ 1.69\\ 3.43\\ 31.83\\ 34.03\\ 27.30\\ 0.00\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 7.62\\ 16.65\\ 21.17\\ 1.50\end{array}$ | $\begin{array}{r} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 2.641\\ 12.34\\ 19.59\\ 40.92\\ 10.92\\ 10.92\\ 0.00\\ 0.00\\ 0.00\\ 13.14\\ 12.15\\ 25.43\\ 29.78\\ 1.97\\ 18.41\\ 15.50\\ 11.29\\ 1.50\\ \end{array}$ | $\begin{array}{c} 16.37\\ 32.52\\ 39.43\\ 14.84\\ 20.54\\ 13.57\\ 27.51\\ 37.48\\ 0.00\\ 3.26\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 31.00\\ 15.08\\ 6.37\\ 10.58\\ 6.37\\ 10.58\\ 3.19\\ 0.00\\ 0.00\\ 4.84\\ 9.22\\ 33.72\\ 35.84\\ 5.75\\ 50.86$ | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 0.00 2.33 14.97 24.57 20.23 20.94 21.81 4.11 1.47 0.92 21.81 4.11 1.47 0.00 0.00 0.00 2.07 3.25 10.50 12.18 30.21 6.35 6.31 1.41 2.26 | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ $ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 0.00 3.85 0.00 1.00 0.00 6.74 6.99 3.52 0.00 2.25 3.49 0.00 8.22 1.96 0.00 8.22 1.96 0.00 8.22 1.96 0.00 8.22 1.96 0.00 8.23 1.99 14.52 6.51 1.11 0.00 3.28 5.51 1.11 0.00 8.23 1.59 1.59 1.59 1.59 1.59 1.59 1.59 1.59 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 8.69 31.31 14.90 11.78 8.56 42.43 12.84 3.66 42.43 12.84 3.44 4.90 67.57 75.72 25.08 5.24 12.00 25.08 15.61 29.45 |
| $\begin{array}{r} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 153 \\ 154 \\ 155 \\ 156 \\ 157 \\ 158 \end{array}$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 10 10 10 10 | 58 3 8 17 21 26 35 42 49 53 3 8 12 18 26 31 39 58 5 13 18 27 32 37 42 46 51 | $\begin{array}{c} 0.53\\ 0.00\\ 0.00\\ 0.00\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\$ | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 0.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 0.00\\ 1.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ 0.00\\ 1.72\\ 8.28\\ 27.76\\ 0.00\\ 9.68\\ 8.68\\ 2.76\\ 0.00\\ 9.68\\ 8.68\\ 2.76\\ 0.00\\ 1.90\\ 6.89\\ 10.58\\ 0.75\\ 0.00\\ 1.90\\ 1.58\\ 0.75\\ 0.00\\ 1.90\\ 1.58\\ 0.75\\ 0.00\\ 1.90\\ 1.58\\ 0.75\\ 0.00\\ 1.90\\ 1.58\\ 0.75\\ 0.00\\ 1.90\\ 1.58\\ 0.75\\ 0.00\\ 1.90\\ 1.58\\ 0.75\\ 0.00\\ 1.90\\ 1.58\\ 0.75\\ 0.00\\ 1.90\\ 1.58\\ 0.75\\ 0.00\\ 1.90\\ 1.58\\ 0.75\\ 0.00\\ 1.90\\ 1.58\\ 0.75\\ 0.00\\ 1.90\\ 1.58\\ 0.75\\ 0.00\\ 1.90\\ 1.58\\ 0.75\\ 0.00\\ 1.90\\ 1.58\\ 0.75\\ 0.00\\ 1.90\\ 1.58\\ 0.75\\ 0.00\\ 1.58\\ 0.75\\ 0.00\\ 1.58\\ 0.75\\ 0.00\\ 1.58\\ 0.75\\ 0.00\\ 1.58\\ 0.75\\ 0.00\\ 1.58\\ 0.75\\ 0.00\\ 1.58\\ 0.75\\ 0.00\\ 0.00\\ 1.58\\ 0.75\\ 0.00\\$ | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 1.69\\ 3.49\\ 10.33\\ 3.43\\ 31.83\\ 34.03\\ 27.30\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 7.62\\ 16.65\\ 21.17\\ 1.50\\ 2.41\\ 7.41\\ 2.4$ | $\begin{array}{r} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 40.92\\ 10.92\\$ | $\begin{array}{c} 16.37\\ 32.52\\ 39.43\\ 14.84\\ 20.54\\ 13.57\\ 27.51\\ 37.48\\ 0.00\\ 3.26\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 10.58\\ 3.19\\ 0.00\\ 15.08\\ 6.37\\ 10.58\\ 3.19\\ 0.00\\ 4.84\\ 9.22\\ 33.72\\ 33.84\\ 5.25\\ 19.68\\ 8.61\\ 4.23\\ 1.50\\ 8.04\\ \end{array}$ | $\begin{array}{c} 19.01\\ 11.36\\ 16.68\\ 4.40\\ 6.85\\ 9.55\\ 5.60\\ 5.09\\ 0.00\\ 2.33\\ 14.97\\ 24.57\\ 20.23\\ 20.94\\ 21.81\\ 4.11\\ 1.47\\ 0.92\\ 1.82\\ 0.00\\ 2.07\\ 3.25\\ 10.50\\ 12.18\\ 30.21\\ 6.35\\ 6.31\\ 1.41\\ 2.26\\ 6.31\\ 1.41\\ 2.26\\ 30.21\\ 30$ | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ 6.09\\ 36.12\\ 4.44\\ 4.59\\ 0.00\\ 6.77\\ 723\\ \end{array}$ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 3.85 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 2.25 3.49 0.00 8.22 1.96 0.00 3.19 28.37 21.59 14.52 6.51 1.11 0.00 3.28 10.79 9.76 (13.40 25.58 18.48 | 1.80 1.41 1.93 8.75 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.53 1.17 1.44 93.26 8.68 3.131 14.90 11.78 8.58 3.56 42.43 3.44 4.90 67.57 75.72 25.31 17.01 95.24 12.00 25.08 15.61 29.45 48.69 48.80 |
| $\begin{array}{r} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 153 \\ 154 \\ 155 \\ 156 \\ 157 \\ 158 \\ 150 \\ 157 \\ 158 \\ 150 \\ 157 \\ 158 \\ 150 \\ 157 \\ 158 \\ 150 \\ 157 \\ 158 \\ 150 \\ 157 \\ 158 \\ 150 \\ 157 \\ 158 \\ 150 \\ 157 \\ 158 \\ 150 \\ 157 \\ 158 \\ 150 \\ 157 \\ 158 \\ 150 \\$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 10 10 10 10 | $\begin{array}{r} 58\\ 3\\ 8\\ 8\\ 17\\ 21\\ 26\\ 32\\ 37\\ 7\\ 7\\ 26\\ 35\\ 42\\ 49\\ 53\\ 3\\ 8\\ 12\\ 18\\ 26\\ 31\\ 18\\ 26\\ 31\\ 18\\ 26\\ 31\\ 18\\ 26\\ 31\\ 18\\ 26\\ 31\\ 18\\ 26\\ 31\\ 39\\ 58\\ 5\\ 13\\ 18\\ 27\\ 32\\ 37\\ 42\\ 46\\ 51\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\$ | $\begin{array}{c} 0.53\\ 0.00\\ 0.00\\ 0.00\\ 1.51\\ 0.00\\$ | 2.11 0.00 0.00 0.53 1.51 0.53 1.51 0.00 | $\begin{array}{c} 5.81 \\ 2.06 \\ 0.00 \\ 0.55 \\ 2.63 \\ 3.52 \\ 1.02 \\ 0.00 \\ 0.$ | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 0.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 0.70\\ 0.00\\ 0.70\\ 0.00\\ 0.70\\ 0.00\\ 0.70\\ 0.00\\ 0.70\\ 0.00\\ 0.76\\ 0.00\\ 1.90\\ 6.89\\ 1.35\\ 0.75\\ 0.00\\ 1.90\\ 6.89\\ 1.05\\ 0.75\\ 0.00\\ 0.0$ | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 3.43\\ 31.83\\ 34.03\\ 34.03\\ 34.03\\ 34.03\\ 27.30\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 7.62\\ 1.65\\ 21.17\\ 1.50\\ 21.17\\ 1.50\\ 2.41\\ 1.50\\ 1.50\\ 2.41\\ 1.50\\ 2.41\\ 1.50\\ $ | $\begin{array}{r} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 40.92\\ 0.00\\ 0.00\\ 13.14\\ 21.15\\ 25.43\\ 29.78\\ 1.97\\ 18.41\\ 15.50\\ 11.29\\ 1.50\\ 11.29\\ 1.50\\ 3.21\\ 1.20\\ $ | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.84 20.54 37.48 0.00 3.26 14.97 29.36 17.98 24.42 31.00 15.08 6.37 10.58 3.19 0.00 0.00 0.00 0.00 0.00 3.72 33.72 33.72 33.72 33.72 33.72 33.72 33.72 33.72 33.72 33.72 33.84 4.23 1.50 8.04 0.20 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 5.09 0.00 2.33 14.97 24.57 20.23 20.94 21.81 4.11 1.47 0.92 1.82 0.00 0.00 2.07 3.25 10.50 12.18 30.21 6.35 6.31 1.41 2.26 5.63 0.00 | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ $ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 0.00 2.25 3.49 0.00 2.25 3.49 0.00 8.22 1.96 0.00 3.19 28.37 21.59 14.52 6.51 1.11 0.00 3.28 10.79 9.76 13.40 25.58 18.48 7 23.57 | 1.80 1.41 1.93 8.75 2.57 2.55 2.57 2.55 2.57 2.55 2.50 |
| $\begin{array}{r} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 153 \\ 154 \\ 155 \\ 156 \\ 157 \\ 158 \\ 159 \\ 150 \\$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 | 16 17 18 19 10 10 10 10 | $\begin{array}{c} 58\\ 3\\ 8\\ 8\\ 17\\ 21\\ 26\\ 32\\ 37\\ 7\\ 26\\ 35\\ 42\\ 49\\ 53\\ 3\\ 8\\ 8\\ 12\\ 18\\ 26\\ 31\\ 18\\ 26\\ 31\\ 18\\ 27\\ 39\\ 58\\ 5\\ 13\\ 18\\ 27\\ 32\\ 37\\ 42\\ 46\\ 51\\ 59\\ 59\\ 59\\ 59\\ 59\\ 59\\ 59\\ 59\\ 59\\ 59$ | 0.53 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 2.11 0.00 0.00 0.53 1.51 0.00 | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\$ | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 0.93 0.00 18.17 2.64 0.00 0.00 1.72 0.69 1.72 0.69 1.72 8.28 27.76 0.00 9.68 8.68 8.68 8.68 2.76 1.35 0.00 9.68 8.68 0.93 0.00 9.68 8.68 0.93 0.00 9.68 8.68 0.93 0.00 0.0 | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 3.43\\ 31.83\\ 34.03\\ 27.30\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 7.62\\ 21.17\\ 1.50\\ 2.41\\ 1.7\\ 1.50\\ 2.41\\ 0.00\\ 7.62\\ 2.41\\ 1.7\\ 1.50\\ 2.41\\ 0.00\\ 2.44\\ 24.95\\ 1.5\\ 1.5\\ 0.00\\ 1.5\\ 1.5\\ 0.00\\ 1.5\\ 0.00\\ 1.5\\ 1.5\\ 0.00\\ 1.5\\ 0.00\\ 1.5\\ 1.5\\ 0.00\\ 1.5\\ 1.5\\ 0.00\\ 1.5\\ 1.5\\ 1.5\\ 1.5\\ 1.5\\ 1.5\\ 1.5\\ 1.5$ | $\begin{array}{c} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 40.92\\ 10.92\\ 10.92\\ 0.00\\ 13.14\\ 21.15\\ 25.43\\ 29.78\\ 1.97\\ 18.41\\ 15.50\\ 11.29\\ 1.50\\ 11.29\\ 1.50\\ 12.9\\ 12.9\\ 12$ | $\begin{array}{c} 16.37\\ 32.52\\ 39.43\\ 14.84\\ 20.54\\ 13.57\\ 27.51\\ 37.48\\ 0.00\\ 3.26\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 17.98\\ 24.42\\ 31.00\\ 15.08\\ 3.19\\ 0.00\\ 4.84\\ 9.22\\ 33.72\\ 33.84\\ 5.25\\ 19.68\\ 8.61\\ 4.23\\ 1.50\\ 8.04\\ 8.04\\ 0.00\\ 0.02\\ 0.05$ | $\begin{array}{c} 19.01\\ 11.36\\ 16.68\\ 4.40\\ 6.85\\ 9.55\\ 5.60\\ 5.09\\ 0.00\\ 2.33\\ 14.97\\ 24.57\\ 20.23\\ 14.97\\ 24.57\\ 20.23\\ 14.97\\ 24.57\\ 20.94\\ 21.81\\ 4.11\\ 1.47\\ 0.92\\ 1.82\\ 0.00\\ 0.00\\ 2.07\\ 3.25\\ 10.50\\ 12.18\\ 30.21\\ 6.35\\ 6.31\\ 1.41\\ 2.26\\ 6.31\\ 1.41\\ 2.26\\ 6.31\\ 1.41\\ 2.26\\ 30.21\\ 6.563\\ 0.00\\ 0.00\\ 2.07\\ 3.25\\ 1.563\\ 0.00$ | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.38\\ 3.25\\ 4.59\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ 6.09\\ 36.12\\ 4.44\\ 4.59\\ 0.00\\ 6.77\\ 7.23\\ 1.49\\ 0.00\\ 6.77\\ 7.23\\ 1.49\\ 0.55\\ 0.00\\ 1.38\\ 0.00\\ 1.38\\ 0.00\\ 1.38\\ 0.00\\ 1.38\\ 0.00\\ 1.38\\ 0.00\\ 1.38\\ 0.00\\ 1.38\\ 0.00\\ 1.38\\ 0.00\\ 1.38\\ 0.00\\ 1.48\\ 0.00\\ 0.00\\ 1.38\\ 0.00\\ 1.48\\ 0.00\\ 1.48\\ 0.00\\ 1.48\\ 0.00\\ 1.48\\ 0.00\\ 1.48\\ 0.00\\ 1.48\\ 0.00\\ 1.48\\ 0.00\\ 1.48\\ 0.00\\ 0.00\\ 0.00\\ 0.7\\ 0.23\\ 1.49\\ 0.00\\ 0.00\\ 0.7\\ 0.23\\ 1.49\\ 0.00\\ 0$ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 3.85 0.00 3.85 0.00 0.00 0.00 6.74 6.99 3.52 0.00 2.25 3.49 0.00 8.22 1.96 0.00 3.19 28.37 21.59 14.52 6.51 1.11 0.00 3.28 10.79 9.76 13.40 25.58 18.48 18.48 23.77 | $\begin{array}{c} 1.80\\ 1.41\\ 1.93\\ 8.75\\ 2.55\\ 2.55\\ 2.53\\ 1.17\\ 1.44\\ 93.26\\ 8.69\\ 31.31\\ 14.90\\ 11.78\\ 8.58\\ 3.56\\ 42.43\\ 12.84\\ 3.34\\ 4.90\\ 67.57\\ 22.531\\ 17.01\\ 9.89\\ 5.24\\ 12.00\\ 25.08\\ 15.61\\ 12.94\\ 5.24\\ 12.00\\ 25.08\\ 15.61\\ 29.45\\ 29.45\\ 29.4$ |
| $\begin{array}{r} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 153 \\ 154 \\ 155 \\ 155 \\ 156 \\ 157 \\ 158 \\ 159 \\ 160 \\ 100 \\$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 11/4/2013 | 16 17 10 10 10 10 10 11 | 58 3 8 17 21 26 31 38 12 42 49 53 3 8 12 33 8 12 33 8 26 31 39 58 5 13 18 27 32 37 42 46 51 59 8 | 0.53 0.00 0.00 0.00 1.51 0.00 0.00 0.00 0.00 | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.53\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\$ | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 0.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 0.70\\ 0.00\\ 1.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ 0.00\\ 1.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ 0.00\\ 1.90\\ 6.89\\ 1.35\\ 0.00\\ 1.90\\ 6.89\\ 1.05\\ 0.00\\ 1.90\\ 6.89\\ 10.58\\ 0.75\\ 0.00\\ 9.16\\ \end{array}$ | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 3.43\\ 31.83\\ 34.03\\ 27.30\\ 0.00\\ 0.00\\ 0.00\\ 0.1244\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 7.62\\ 1.62\\ 1.50\\ 21.17\\ 1.50\\ 2.41\\ 0.00\\ 12.65\\ \end{array}$ | $\begin{array}{c} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 10.92\\$ | $\begin{array}{c} 16.37\\ 32.52\\ 39.43\\ 14.84\\ 20.54\\ 13.57\\ 27.51\\ 37.48\\ 0.00\\ 3.26\\ 14.97\\ 29.36\\ 17.98\\ 24.42\\ 31.00\\ 15.08\\ 6.37\\ 10.58\\ 3.19\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 4.84\\ 9.22\\ 33.72\\ 33.84\\ 5.25\\ 19.68\\ 8.61\\ 4.23\\ 1.50\\ 8.04\\ 0.00\\ 2.62\\ \end{array}$ | $\begin{array}{c} 19.01\\ 11.36\\ 16.68\\ 4.40\\ 6.85\\ 9.55\\ 5.60\\ 5.09\\ 0.00\\ 2.33\\ 14.97\\ 24.57\\ 20.23\\ 20.94\\ 21.81\\ 4.11\\ 1.47\\ 0.92\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 2.07\\ 3.25\\ 10.50\\ 12.18\\ 30.21\\ 6.35\\ 6.31\\ 1.41\\ 2.26\\ 5.63\\ 0.00\\ 3.49\end{array}$ | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ 6.09\\ 36.12\\ 4.44\\ 4.59\\ 0.00\\ 6.77\\ 7.23\\ 1.49\\ 3.49\\ \end{array}$ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 0.00 0.00 3.85 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 0.00 2.25 3.49 0.00 8.22 1.96 0.00 3.19 28.37 21.59 14.52 6.51 1.11 0.00 3.28 10.79 9.76 13.40 25.58 18.48 23.77 10.47 | 1.80 1.41 1.93 8.75 2.55 |
| $\begin{array}{c} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 155 \\ 156 \\ 157 \\ 158 \\ 159 \\ 160 \\ 161 \\ 161 \\ \end{array}$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 | 16 17 10 10 10 10 10 10 11 | 58 3 8 17 21 26 33 8 12 18 26 31 39 58 13 18 26 31 39 58 13 18 27 32 377 42 46 51 59 8 13 | $\begin{array}{c} 0.53\\ 0.00\\ 0.00\\ 0.00\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.51\\ 0.53\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 0.63\\ 4.02\\ 4.23\\ 0.00\\ 0.80\\ 0.00\\ 0.80\\ 0.00\\ 5.24\\ 2.32\\ \end{array}$ | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 9.93 0.00 18.17 2.64 0.00 0.00 0.00 0.70 1.72 0.69 13.22 8.28 27.76 0.00 0.00 9.68 8.68 2.76 1.35 0.00 1.90 6.89 10.55 0.00 | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 1.76\\ 0.60\\ 1.69\\ 3.43\\ 31.83\\ 34.03\\ 3.43\\ 31.83\\ 34.03\\ 3.43\\ 31.83\\ 34.03\\ 27.30\\ 0.00\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 7.62\\ 16.65\\ 21.17\\ 1.50\\ 2.41\\ 0.00\\ 12.65\\ 23.82\\ \end{array}$ | $\begin{array}{r} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 2.641\\ 12.34\\ 19.59\\ 40.92\\ 10.92\\ 0.00\\ 0.00\\ 13.14\\ 12.34\\ 19.59\\ 10.92\\ 0.00\\ 0.00\\ 13.14\\ 11.5\\ 25.43\\ 29.78\\ 1.97\\ 18.41\\ 15.50\\ 11.29\\ 1.50\\ 3.21\\ 0.00\\ 6.55\\ 24.40\\ \end{array}$ | $\begin{array}{c} 16.37\\ 32.52\\ 39.43\\ 14.84\\ 20.54\\ 13.57\\ 27.51\\ 37.48\\ 0.00\\ 3.26\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 31.00\\ 15.08\\ 6.37\\ 10.58\\ 6.37\\ 10.58\\ 3.19\\ 0.00\\ 15.08\\ 6.37\\ 10.58\\ 8.61\\ 4.23\\ 1.50\\ 8.04\\ 0.00\\ 2.62\\ 9.29\\ \end{array}$ | $\begin{array}{c} 19.01\\ 11.36\\ 16.68\\ 4.40\\ 6.85\\ 9.55\\ 5.60\\ 0.00\\ 2.33\\ 14.97\\ 24.57\\ 20.23\\ 20.94\\ 21.81\\ 4.11\\ 1.47\\ 0.92\\ 21.81\\ 4.11\\ 1.47\\ 0.92\\ 1.82\\ 0.00\\ 0.00\\ 2.07\\ 3.25\\ 10.50\\ 12.18\\ 6.31\\ 1.41\\ 2.26\\ 5.63\\ 0.00\\ 3.49\\ 1.74\end{array}$ | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ 6.09\\ 36.12\\ 4.44\\ 4.59\\ 0.00\\ 0.00\\ 1.38\\ 3.25\\ 1.49\\ 3.49\\ 0.58\\ 1.49\\ 3.49\\ 0.58\\ 1.49\\ 3.49\\ 0.58\\ 1.49\\ 1.49\\ 3.49\\ 1.49\\$ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 4.19\\ 8.81\\ 4.19\\ 8.99\\ 6.98\\ 8.81\\ 4.19\\ 8.99\\ 6.98\\ 8.81\\ 4.19\\ 8.99\\ 6.98\\ 8.13\\ 7\\ 4.05\\ 2.76\\ 1.35\\ 1.16\\ 5.08\\ 5.74\\ 1.35\\ 11.16\\ 5.08\\ 5.74\\ 3.53\\ 10.53\\ 5.63\\ 6.69\\ 2.18\\ 2.90\\ \end{array}$ | 0.00 0.00 0.00 0.00 3.85 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 6.79 3.52 0.00 2.25 3.49 0.00 3.19 28.37 21.59 14.52 6.51 1.11 0.00 3.28 10.79 9.76 13.40 25.58 18.48 23.77 10.67 | 1.80 1.41 1.93 8.75 2.53 1.17 8.69 31.31 14.90 11.78 8.56 42.43 12.84 3.44 4.90 67.57 75.72 25.08 15.61 29.45 48.09 48.57 68.06 24.07 20.42 |
| $\begin{array}{c} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 153 \\ 154 \\ 155 \\ 156 \\ 157 \\ 158 \\ 159 \\ 160 \\ 161 \\ 162 \end{array}$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 | 16 17 10 10 10 10 10 10 11 | 58 3 8 17 21 26 35 42 49 53 3 8 12 18 26 31 39 58 5 13 18 27 32 377 42 46 51 59 8 12 | $\begin{array}{c} 0.53\\ 0.00\\$ | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.53\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 3.46\\ 1.63\\ 1.11\\ 0.00\\ 0.00\\ 0.00\\ 3.46\\ 1.63\\ 1.11\\ 0.00\\ 0.00\\ 0.24\\ 2.32\\ 0.00\\ 0.82\\ 0.00\\$ | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 0.93 0.00 18.17 2.64 0.00 0.00 1.72 0.69 13.22 8.28 27.76 0.00 1.72 8.28 227.76 0.00 9.68 8.68 2.76 0.00 9.68 8.68 2.75 0.00 1.90 1.55 0.00 9.16 7.55 1.95 | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 3.43\\ 31.83\\ 34.03\\ 34.03\\ 34.03\\ 34.03\\ 27.30\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 21.44\\ 24.95\\ 8.28\\ 23.82\\ 10.5\\ 10.5\\ 23.82\\ 10.5\\ $ | $\begin{array}{r} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 20.00\\ 0.00\\ 13.14\\ 21.15\\ 25.43\\ 40.92\\ 10.92\\ $ | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 29.36 17.98 24.42 31.00 15.08 6.37 0.00 4.84 9.22 33.79 0.000 4.84 9.22 33.84 5.25 19.68 8.61 4.23 1.50 8.04 0.00 2.62 9.29 20.53 | $\begin{array}{c} 19.01\\ 11.36\\ 16.68\\ 4.40\\ 6.85\\ 9.55\\ 5.60\\ 5.09\\ 0.00\\ 2.33\\ 14.97\\ 24.57\\ 20.23\\ 20.94\\ 21.81\\ 4.11\\ 1.47\\ 0.92\\ 1.82\\ 0.00\\ 2.07\\ 3.25\\ 10.50\\ 0.00\\ 2.07\\ 3.25\\ 10.50\\ 12.18\\ 30.21\\ 6.35\\ 6.31\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 2.26\\ 5.63\\ 0.00\\ 3.49\\ 1.74\\ 8.61\\ \end{array}$ | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ 0.00\\ 1.38\\ 3.25\\ 4.44\\ 4.59\\ 0.00\\ 1.38\\ 3.25\\ 1.49\\ 0.58\\ 1.49\\ 0.59\\ 1.49\\ 3.49\\ 0.58\\ 1.99\\ $ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 3.85 0.00 3.85 0.00 0.00 0.00 6.74 6.99 3.52 0.00 2.25 3.49 0.00 8.22 1.96 0.00 3.19 28.37 21.59 14.52 6.51 1.11 0.00 3.28 10.79 9.76 6 13.40 25.58 18.40 23.77 10.47 6.97 3.97 | 1.80 1.41 1.93 8.75 2.55 2.33 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.58 3.56 42.43 12.84 3.44 4.90 67.57 75.72 25.31 17.01 9.89 5.24 12.00 25.08 15.61 29.45 48.09 48.57 68.06 24.07 20.42 25.18 |
| $\begin{array}{c} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 153 \\ 154 \\ 155 \\ 156 \\ 157 \\ 158 \\ 159 \\ 160 \\ 161 \\ 162 \\ 161 \\ 162 \\ 163 \\ 161 \\ 162 \\ 163 \\ 161 \\ 162 \\ 163 \\ 161 \\ 161 \\ 162 \\ 163 \\ 161 \\ 161 \\ 162 \\ 163 \\ 161 \\ 161 \\ 162 \\ 163 \\ 161 \\ 161 \\ 162 \\ 163 \\ 161 \\ 161 \\ 162 \\ 163 \\ 161 \\ 161 \\ 161 \\ 162 \\ 163 \\ 161 \\$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 | 16 17 10 10 10 10 10 10 10 10 11 11 11 | 58 3 8 17 21 26 35 42 49 53 8 12 8 12 33 8 12 33 8 12 31 39 51 32 37 42 46 51 59 8 13 22 20 | $\begin{array}{c} 0.53\\ 0.00\\ 0.00\\ 0.00\\ 1.51\\ 0.00\\ 1.08\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.08\\ 0.00\\ 0.00\\ 0.00\\ 1.08\\ 0.00\\$ | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.53\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 0.63\\ 4.02\\ 4.23\\ 0.00\\ 0.80\\ 0.00\\ 0.80\\ 0.00\\ 0.80\\ 0.00\\ 0.80\\ 0.00\\ 0.80\\ 0.00\\ 0.80\\ 0.00\\ 0.12\\ 0.24\\ 2.32\\ 0.00\\ 0.04\\ 0.04\\ 0.04\\ 0.00\\$ | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 0.93 0.00 18.17 2.64 0.00 0.00 0.70 1.72 0.69 13.22 8.28 27.76 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.75 0.00 1.90 6.89 1.95 0.00 0.00 1.90 6.89 1.55 0.00 0.00 1.55 1.99 1.56 | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 3.43\\ 31.83\\ 34.03\\ 3.43\\ 31.83\\ 34.03\\ 3.43\\ 31.83\\ 34.03\\ 27.30\\ 0.00\\ 0.00\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 7.62\\ 16.65\\ 21.17\\ 1.50\\ 2.41\\ 0.00\\ 7.62\\ 23.82\\ 10.59\\ 23.82\\ 10.59\\ 3.12\\ 3.59\\ 10.55\\ 23.82\\ 10.59\\ 3.59\\ 10.55\\ 23.82\\ 10.59\\ 3.59\\ 10.55\\ 23.82\\ 10.59\\ 3.59\\ 10.59\\ 10.55\\ 23.82\\ 10.59\\ 23.82\\ 10.59\\ 3.59\\ 10.59\\ 10.55\\ 23.82\\ 10.59\\ 3.59\\ 10.59\\ $ | $\begin{array}{r} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 2.641\\ 12.34\\ 19.59\\ 40.92\\ 10.92\\ 0.00\\ 0.00\\ 0.00\\ 13.14\\ 21.15\\ 25.43\\ 29.78\\ 1.97\\ 18.41\\ 15.50\\ 11.29\\ 1.50\\ 3.21\\ 0.00\\ 6.55\\ 24.40\\ 25.82\\ 4.8\\ 1.97\\ 18.41\\ 15.50\\ 11.29\\ 1.50\\ 3.21\\ 0.00\\ 6.55\\ 24.40\\ 25.82\\ 4.8\\ 1.97\\ 1.98\\ 1.97\\ 1.98\\ $ | 16.37 32.52 39.43 14.84 20.54 13.57 27.51 37.48 0.00 32.6 14.84 20.54 37.48 0.00 32.6 14.97 29.36 17.98 24.42 31.00 15.08 6.37 10.58 3.19 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 2.525 19.68 8.61 4.23 1.50 8.04 0.00 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 0.00 2.33 14.97 24.57 20.23 20.94 21.81 4.11 1.47 0.92 1.82 0.00 0.00 0.00 2.33 20.94 21.81 21.81 21.81 0.207 3.25 10.50 12.18 30.21 6.35 6.31 1.41 2.26 5.63 0.00 3.49 1.74 8.61 6.25 | 11.09 2.06 3.03 3.85 3.16 4.02 1.02 0.46 0.00 3.73 19.37 22.17 30.90 16.05 4.59 6.85 3.43 0.00 1.82 0.00 1.82 0.00 1.82 0.00 1.82 0.00 1.82 0.00 0.00 1.82 0.00 0.00 1.82 0.00 0.00 0.00 1.82 0.00 0.00 0.00 0.00 1.82 0.00 0.00 0.00 0.00 0.73 1.99 1.99 1 | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 2.25 3.49 0.00 8.22 1.96 0.00 3.19 28.37 21.59 14.52 6.51 1.11 0.00 3.28 10.79 9.76 13.40 25.58 18.48 23.77 10.4 | 1.80 1.41 1.93 8.75 2.55 2.53 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.58 3.56 42.43 12.84 3.44 3.44 4.90 67.57 75.72 25.31 17.01 9.89 5.24 12.08 15.61 29.45 29.42 20.81 29.45 29.4 |
| $\begin{array}{c} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 155 \\ 156 \\ 157 \\ 158 \\ 159 \\ 160 \\ 161 \\ 162 \\ 161 \\ 162 \\ 161 \\ 162 \\ 163 \\ 161 \\ 162 \\ 163 \\ 161 \\ 162 \\ 163 \\ 161 \\ 162 \\ 163 \\ 161 \\ 162 \\ 163 \\ 161 \\ 162 \\ 163 \\ 164 \\$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 | 16 17 10 10 10 10 10 10 10 11 11 11 | 58 3 8 17 21 26 35 42 49 53 3 8 12 18 26 31 38 53 31 18 27 32 37 42 46 59 8 13 22 30 22 30 | $\begin{array}{c} 0.53\\ 0.00\\$ | 2.11 0.00 0.00 0.53 1.51 0.00 | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 3.46\\ 1.63\\ 1.11\\ 1.11\\ 0.00\\ 0.00\\ 0.00\\ 3.46\\ 1.63\\ 1.63\\ 1.11\\ 0.00\\ 0.00\\ 0.00\\ 3.46\\ 1.63\\ 1.02\\ 0.00\\ 0.00\\ 0.524\\ 2.32\\ 0.00\\ 0.00\\ 5.24\\ 2.32\\ 0.00\\ 0.00\\ 5.24\\ 2.32\\ 0.00\\ 0.00\\ 5.24\\ 2.32\\ 0.00\\ 0.00\\ 5.24\\ 2.32\\ 0.00\\ 0.00\\ 0.524\\ 2.32\\ 0.00\\ 0.0$ | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 0.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 0.00\\ 1.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ 0.00\\ 1.72\\ 8.28\\ 27.76\\ 0.00\\ 1.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ 0.00\\ 1.90\\ 1.52\\ 0.00\\ 9.68\\ 8.68\\ 2.76\\ 0.00\\ 9.68\\ 8.68\\ 2.76\\ 0.00\\ 9.68\\ 8.68\\ 2.76\\ 0.00\\ 9.68\\ 8.68\\ 2.76\\ 0.00\\ 9.68\\ 8.68\\ 2.76\\ 0.00\\ 9.68\\ 8.68\\ 2.75\\ 0.00\\ 1.90\\ 1.55\\ 0.55\\ 1.55$ | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 3.4.3\\ 31.83\\ 34.03\\ 27.30\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 21.65\\ 21.17\\ 1.50\\ 2.41\\ 0.00\\ 12.65\\ 23.82\\ 10.59\\ 3.12\\ \end{array}$ | $\begin{array}{c} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 20.00\\ 13.14\\ 21.15\\ 25.43\\ 29.78\\ 1.97\\ 18.41\\ 15.50\\ 11.29\\ 1.50\\ 11.29\\ 1.50\\ 11.29\\ 1.50\\ 3.21\\ 0.00\\ 6.55\\ 24.40\\ 25.82\\ 24.82\\ 4.68\\ 4.68\\ 26.23\\ 2$ | $\begin{array}{c} 16.37\\ 32.52\\ 39.43\\ 14.84\\ 20.54\\ 13.57\\ 27.51\\ 37.48\\ 0.00\\ 3.26\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 10.58\\ 3.19\\ 0.00\\ 15.08\\ 6.37\\ 10.58\\ 3.19\\ 0.00\\ 4.84\\ 9.22\\ 33.72\\ 33.84\\ 5.25\\ 19.68\\ 8.61\\ 4.23\\ 1.50\\ 8.661\\ 4.23\\ 1.50\\ 8.61\\ 1.50\\ 8.61\\ 1.50\\ 8.61\\ 1.50\\ 8.61\\ 1.50\\ 8.61\\ 1.50\\$ | $\begin{array}{c} 19.01\\ 11.36\\ 16.68\\ 4.40\\ 6.85\\ 9.55\\ 5.60\\ 5.09\\ 0.00\\ 2.33\\ 14.97\\ 24.57\\ 20.23\\ 20.94\\ 21.81\\ 4.11\\ 1.47\\ 20.92\\ 1.82\\ 0.00\\ 2.07\\ 3.25\\ 10.50\\ 12.18\\ 30.21\\ 6.35\\ 6.31\\ 1.41\\ 2.26\\ 6.31\\ 1.41\\ 2.26\\ 6.31\\ 1.41\\ 2.26\\ 6.31\\ 0.00\\ 3.49\\ 1.74\\ 8.61\\ 0.00\\ 3.49\\ 1.74\\ 8.61\\ 0.00\\ 3.49\\ 1.74\\ 1.62\\ 3.63\\ 0.00\\ 3.49\\ 1.74\\ 1.62\\ 3.63\\ 0.00\\ 3.49\\ 1.74\\ 1.62\\$ | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ 6.09\\ 36.12\\ 4.44\\ 4.59\\ 0.00\\ 6.77\\ 7.23\\ 1.49\\ 3.49\\ 0.58\\ 1.99\\ 9.87\\ 1.99\\ 9.87\\ 1.99\\ 9.87\\ 1.99\\ 1.98\\ 1.98\\ 1.99\\ 1.98\\$ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 3.85 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 2.25 3.49 0.00 8.22 1.96 0.00 3.19 28.37 21.59 14.52 6.51 1.11 0.00 3.28 10.79 9.76 13.40 25.58 18.48 18.48 18.48 23.77 10.47 6.97 9.35 | 1.80 1.41 1.93 8.75 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.51 1.17 1.44 93.26 8.68 3.31 14.90 11.78 8.58 3.56 42.43 12.84 3.34 4.90 67.57 75.72 25.31 17.01 9.89 5.24 12.00 25.08 15.61 29.45 48.07 48.07 26.02 25.18 8.56 45.51 |
| $\begin{array}{c} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 153 \\ 154 \\ 155 \\ 156 \\ 157 \\ 158 \\ 159 \\ 160 \\ 161 \\ 162 \\ 163 \\ 164 \\$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 | 16 17 10 10 10 10 10 10 10 11 11 11 12 | 58 3 8 17 21 26 31 38 12 13 26 31 39 58 5 13 27 32 37 7 26 31 39 58 5 13 27 32 37 32 31 39 58 5 13 22 30 22 30 22 | $\begin{array}{c} 0.53\\ 0.00\\ 0.00\\ 0.00\\ 1.51\\ 0.00\\$ | 2.11 0.00 0.00 0.53 1.51 0.00 | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\$ | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 8.54\\ 4.08\\ 0.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 0.00\\ 0.70\\ 0.00\\ 0.70\\ 1.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ 0.00\\ 1.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ 0.00\\ 0.00\\ 1.90\\ 6.89\\ 1.35\\ 0.75\\ 0.00\\ 1.90\\ 1.90\\ 6.89\\ 1.95\\ 0.75\\ 0.00\\ 1.90\\ 1.90\\ 1.90\\ 1.55\\ 0.75\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.99\\ 1.56\\ 0.00\\ 1.99\\ 1.56\\ 0.00\\$ | 15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 0.00 27.49 1.76 0.60 1.69 3.43 3.43 34.03 27.30 0.00 0.00 0.1.44 24.95 8.29 10.15 0.00 7.62 16.65 21.17 1.50 24.41 0.60 12.65 23.82 10.59 | $\begin{array}{r} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 32.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 10.92\\ 10$ | $\begin{array}{c} 16.37\\ 32.52\\ 39.43\\ 14.84\\ 20.54\\ 13.57\\ 27.51\\ 37.48\\ 0.00\\ 3.26\\ 14.97\\ 29.36\\ 17.98\\ 24.42\\ 31.00\\ 15.08\\ 6.37\\ 10.58\\ 3.19\\ 0.00\\ 15.08\\ 6.37\\ 10.58\\ 3.19\\ 0.00\\ 0.00\\ 0.00\\ 4.84\\ 9.22\\ 33.72\\ 33.84\\ 5.25\\ 19.68\\ 8.61\\ 4.23\\ 1.50\\ 8.04\\ 0.00\\ 2.62\\ 9.29\\ 20.53\\ 6.75\\ 34.19\\ \end{array}$ | $\begin{array}{c} 19.01\\ 11.36\\ 16.68\\ 4.40\\ 6.85\\ 9.55\\ 5.60\\ 5.09\\ 0.00\\ 2.33\\ 14.97\\ 24.57\\ 20.23\\ 20.94\\ 21.81\\ 4.11\\ 1.47\\ 20.23\\ 20.94\\ 21.81\\ 4.11\\ 1.47\\ 0.92\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 2.07\\ 3.25\\ 10.50\\ 12.18\\ 30.21\\ 6.35\\ 6.31\\ 1.41\\ 2.26\\ 5.63\\ 0.00\\ 3.49\\ 1.74\\ 8.61\\ 6.23\\ 5.07\\ \end{array}$ | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 0.62\\ 1.82\\ 0.00\\ 0.00\\ 0.63\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ $ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 0.00 0.00 3.85 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 0.00 2.55 0.00 3.52 0.00 2.25 3.49 0.00 8.22 1.90 0.00 3.19 28.37 21.59 14.52 6.51 1.11 0.00 3.28 10.79 9.76 13.40 25.58 18.48 23.77 10.47 6.97 3.95 8.23 | 1.80 1.41 1.93 8.75 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.53 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.56 42.43 12.84 3.44 4.90 67.57 75.72 25.31 17.01 9.89 5.24 12.00 25.08 15.61 29.45 48.09 48.57 68.56 26.16 25.18 8.56 15.16 |
| $\begin{array}{r} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 153 \\ 154 \\ 155 \\ 156 \\ 157 \\ 158 \\ 159 \\ 160 \\ 161 \\ 162 \\ 163 \\ 164 \\ 165 \\ \end{array}$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 | 16 17 10 10 10 10 10 10 10 11 11 11 12 | 58 3 8 17 21 26 337 7 266 35 42 49 53 3 8 12 18 26 31 18 27 37 42 46 51 37 42 46 51 37 42 36 51 37 42 46 51 30 22 30 22 27 | $\begin{array}{c} 0.53\\ 0.00\\$ | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.38\\ 13.65\\ 0.00\\ 0.00\\ 3.46\\ 1.63\\ 1.11\\ 0.00\\ 0.00\\ 3.46\\ 1.63\\ 1.63\\ 1.11\\ 0.00\\ 0.00\\ 3.46\\ 1.63\\ 1.02\\ 1.23\\ 0.00\\ 0.00\\ 0.524\\ 2.32\\ 0.00\\ 1.04\\ 0.00\\ 0.0$ | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 0.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 0.00\\ 18.28\\ 2.64\\ 0.00\\ 0.00\\ 1.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ 0.00\\ 1.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ 0.00\\ 1.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ 0.00\\ 0.75\\ 0.00\\ 9.68\\ 8.68\\ 8.68\\ 2.76\\ 1.35\\ 0.00\\ 0.00\\ 9.68\\ 8.68\\ 1.35\\ 0.00\\ 1.90\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 9.15\\ 7.55\\ 7.55\\ 7.56\\ 0.00\\ 0.$ | $\begin{array}{c} 15.84\\ 16.00\\ 9.10\\ 24.74\\ 22.65\\ 24.62\\ 18.34\\ 11.57\\ 0.00\\ 27.49\\ 1.76\\ 0.60\\ 1.69\\ 3.49\\ 10.33\\ 3.43\\ 31.83\\ 34.03\\ 27.30\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 21.44\\ 24.95\\ 8.29\\ 10.15\\ 0.00\\ 21.65\\ 21.17\\ 1.50\\ 2.41\\ 0.00\\ 12.65\\ 23.82\\ 10.59\\ 3.12\\ 4.43\\ 0.00\\ \end{array}$ | $\begin{array}{r} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 40.92\\ 10.92\\$ | $\begin{array}{c} 16.37\\ 32.52\\ 39.43\\ 14.84\\ 20.54\\ 13.57\\ 27.51\\ 37.48\\ 0.00\\ 3.26\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 17.98\\ 24.42\\ 31.00\\ 15.08\\ 3.19\\ 0.00\\ 4.84\\ 9.22\\ 33.72\\ 33.84\\ 5.25\\ 19.68\\ 8.61\\ 4.23\\ 1.50\\ 8.861\\ 4.23\\ 1.50\\ 8.04\\ 4.23\\ 1.50\\ 8.04\\ 4.23\\ 1.50\\ 8.04\\ 2.42\\ 3.72\\ 33.84\\ 5.25\\ 19.68\\ 8.61\\ 4.23\\ 1.50\\ 8.04\\ 4.23\\ 1.50\\ 8.04\\ 4.23\\ 1.50\\ 8.04\\ 2.42\\ 3.72\\ 3.84\\ 5.25\\ 19.68\\ 8.61\\ 4.23\\ 1.50\\ 8.04\\ 2.42\\ 3.72\\ 3.84\\ 5.25\\ 19.68\\ 8.61\\ 4.23\\ 1.50\\ 8.04\\ 2.42\\ 3.72\\ 3.84\\ 5.25\\ 19.68\\ 8.61\\ 4.23\\ 1.50\\ 2.42\\ 3.72\\ 3.84\\ 5.25\\ 19.68\\ 8.61\\ 4.23\\ 1.50\\ 8.04\\ 1.50\\ 8.04\\ 1.50\\ 1.5$ | $\begin{array}{c} 19.01\\ 11.36\\ 16.68\\ 4.40\\ 6.85\\ 9.55\\ 5.60\\ 5.09\\ 0.00\\ 2.33\\ 14.97\\ 24.57\\ 20.23\\ 14.97\\ 24.57\\ 20.23\\ 14.97\\ 24.57\\ 20.94\\ 21.81\\ 4.11\\ 1.47\\ 0.92\\ 1.82\\ 0.00\\ 2.07\\ 3.25\\ 10.50\\ 12.18\\ 30.21\\ 6.35\\ 6.31\\ 1.41\\ 2.26\\ 6.31\\ 1.41\\ 2.26\\ 6.31\\ 1.41\\ 2.26\\ 30.21\\ 6.35\\ 0.00\\ 3.49\\ 1.74\\ 8.61\\ 6.23\\ 5.07\\ 0.00\\ \end{array}$ | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ 6.09\\ 36.12\\ 4.44\\ 4.59\\ 0.00\\ 1.38\\ 3.25\\ 1.49\\ 3.47\\ 1.49\\ 3.49\\ 0.58\\ 1.99\\ 9.87\\ 3.17\\ 4.04\\ \end{array}$ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 0.00 2.25 3.49 0.00 8.22 1.96 0.00 3.19 28.37 21.59 14.52 6.51 1.11 0.00 3.28 10.79 9.76 13.40 25.58 18.48 8 23.77 10.47 6.97 9.35 8.23 20.21 | 1.80 1.41 1.93 8.75 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 3.131 14.49 9.309 31.31 14.90 11.78 8.58 3.56 42.43 12.84 3.44 4.90 67.57 75.72 25.31 17.01 9.89 5.24 12.00 25.61 15.61 29.45 48.57 48.60 24.07 20.42 25.18 8.56 15.16 15.18 |
| $\begin{array}{c} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 153 \\ 154 \\ 155 \\ 156 \\ 157 \\ 158 \\ 159 \\ 160 \\ 161 \\ 162 \\ 163 \\ 164 \\ 165 \\ 166 \\$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 | 16 17 10 10 10 10 10 10 10 11 11 12 12 12 | 58 3 8 17 21 26 31 38 12 42 49 53 3 8 12 18 26 31 39 58 5 13 18 27 32 37 42 46 51 59 8 13 22 30 22 37 32 | 0.53 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 2.11 0.00 0.00 0.53 1.51 0.53 1.51 0.00 | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\$ | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 8.54\\ 4.08\\ 0.93\\ 0.00\\ 18.17\\ 2.67\\ 0.00\\ 0.70\\ 0.00\\ 0.70\\ 0.70\\ 0.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ 0.00\\ 0.70\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.90\\ 8.68\\ 8.68\\ 2.76\\ 0.00\\ 1.90\\ 1.55\\ 0.00\\ 1.90\\ 1.55\\ 0.00\\ 1.99\\ 1.56\\ 0.00\\ 9.16\\ 7.55\\ 1.99\\ 1.56\\ 0.00\\ 0.00\\ 9.16\\ 7.55\\ 1.99\\ 1.56\\ 0.00\\ 0$ | 15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 0.00 27.49 1.76 0.60 1.69 3.43 31.83 34.03 27.30 0.00 21.44 24.95 8.29 10.15 0.00 7.62 16.65 23.82 10.59 3.12 4.43 0.767 | $\begin{array}{r} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 32.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 10.92\\$ | 16.37 32.52 39.43 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.84 20.54 13.57 27.51 37.48 0.00 3.26 17.98 24.42 31.00 15.08 6.37 10.58 3.19 0.00 0.00 4.84 9.22 33.82 33.84 5.25 19.68 8.61 4.23 1.50 8.04 0.262 9.29 20.53 6.75 34.19 2.420 15 30 | $\begin{array}{c} 19.01\\ 11.36\\ 16.68\\ 4.40\\ 6.85\\ 9.55\\ 5.60\\ 5.09\\ 0.00\\ 2.33\\ 14.97\\ 24.57\\ 20.23\\ 20.94\\ 21.81\\ 4.11\\ 1.47\\ 20.23\\ 20.94\\ 21.81\\ 4.11\\ 1.47\\ 0.92\\ 1.82\\ 0.00\\ 0.00\\ 2.07\\ 3.25\\ 10.50\\ 12.18\\ 30.21\\ 6.35\\ 6.31\\ 1.41\\ 2.26\\ 5.63\\ 0.00\\ 3.49\\ 1.74\\ 8.61\\ 5.07\\ 0.00\\ 3.17\\ \end{array}$ | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.06\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 0.677\\ 7.23\\ 1.49\\ 0.58\\ 1.99\\ 3.49\\ 0.58\\ 1.99\\ 9.87\\ 3.17\\ 4.04\\ 3.17\\ 1.02\\$ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 0.00 2.25 3.49 0.00 2.25 3.49 0.00 8.22 1.96 0.00 3.19 28.37 21.59 14.52 6.51 1.11 0.00 3.28 10.79 9.76 6.340 25.58 18.47 23.57 10.47 6.97 3.97 9.35 8.23 20.21 18.47 | 1.80 1.41 1.93 8.75 2.55 |
| $\begin{array}{c} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 155 \\ 156 \\ 157 \\ 158 \\ 159 \\ 160 \\ 161 \\ 162 \\ 163 \\ 164 \\ 165 \\ 166 \\ 166 \\ 166 \\ 166 \\ 166 \\ 167 \\$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 | 16 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 18 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 10 10 10 10 10 11 11 11 11 12 12 <td>$\begin{array}{c} 58\\ 3\\ 8\\ 8\\ 17\\ 21\\ 26\\ 32\\ 37\\ 7\\ 26\\ 35\\ 42\\ 49\\ 53\\ 3\\ 8\\ 8\\ 12\\ 18\\ 26\\ 31\\ 39\\ 58\\ 5\\ 13\\ 18\\ 27\\ 32\\ 37\\ 42\\ 46\\ 51\\ 59\\ 8\\ 13\\ 22\\ 37\\ 42\\ 46\\ 51\\ 59\\ 8\\ 13\\ 22\\ 30\\ 22\\ 27\\ 32\\ 22\\ 27\\ 32\\ 22\\ 40\\ \end{array}$</td> <td>0.53 0.00 0.00 0.00 0.00 0.00 0.00 0.00</td> <td>$\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.53\\ 1.51\\ 0.00\\$</td> <td>$\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 0.63\\ 4.02\\ 4.23\\ 0.00\\ 0.63\\ 4.02\\ 4.23\\ 0.00\\ 0.80\\ 0.00\\ 0.80\\ 0.00\\$</td> <td>10.03 5.68 0.00 4.40 8.43 8.54 4.08 9.93 0.00 18.17 2.64 0.00 0.00 1.72 0.69 13.22 8.28 2.7.6 0.00 0.00 1.72 0.69 13.22 8.28 2.7.6 0.00 0.00 1.90 6.89 1.95 0.00 1.90 6.89 1.95 0.00 0.00 1.90 6.89 1.95 0.00 0.00 0.00 1.90 6.89 1.95 0.00</td> <td>15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 0.00 27.49 1.76 0.60 1.69 3.49 1.76 0.60 1.69 3.43 31.83 3.43 31.83 34.03 27.30 0.05 0.00 0.2.41 0.05 0.2.41 0.00 0.2.41 0.00 0.2.41 0.59 3.42 0.2.91 0.59 3.42 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.00 0.2.41 0.00 0.00 0.2.41 0.00 0.2.41 0.00 0.00 0.2.41 0.00 0.00 0.2.41 0.00 0.00 0.2.41 0.00 0.00 0.00 0.00 0.2.41 0.00 0.00 0.00 0.00 0.00 0.00 0.2.41 0.00 0.</td> <td>16.37 28.90 29.83 31.88 32.13 28.64 40.75 43.03 0.00 11.65 2.64 40.75 2.64 40.75 2.64 11.65 2.64 12.34 19.59 40.92 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 1.50 3.21 0.00 6.55 24.40 25.33 3.23 24.80</td> <td>$\begin{array}{c} 16.37\\ 32.52\\ 39.43\\ 14.84\\ 20.54\\ 13.57\\ 27.51\\ 37.48\\ 0.00\\ 3.26\\ 14.97\\ 29.36\\ 17.98\\ 24.42\\ 31.00\\ 15.08\\ 3.26\\ 14.97\\ 29.36\\ 17.98\\ 3.19\\ 0.00\\ 0.00\\ 4.84\\ 9.22\\ 33.72\\ 33.84\\ 5.25\\ 19.68\\ 8.61\\ 4.23\\ 1.50\\ 8.04\\ 0.00\\ 2.62\\ 9.29\\ 20.53\\ 6.75\\ 34.19\\ 2.42\\ 15.30\\ 6.75\\ 34.19\\ 2.42\\ 15.30\\ 10.50\\$</td> <td>$\begin{array}{c} 19.01\\ 11.36\\ 16.68\\ 4.40\\ 6.85\\ 9.55\\ 5.60\\ 5.09\\ 0.00\\ 2.33\\ 14.97\\ 24.57\\ 20.23\\ 20.94\\ 21.81\\ 4.11\\ 1.47\\ 0.92\\ 1.82\\ 0.94\\ 21.81\\ 4.11\\ 1.47\\ 0.92\\ 1.82\\ 0.00\\ 0.00\\ 2.07\\ 3.25\\ 10.50\\ 12.18\\ 30.21\\ 6.35\\ 6.31\\ 1.41\\ 2.26\\ 6.31\\ 1.41\\ 2.26\\ 5.63\\ 0.00\\ 3.49\\ 1.74\\ 8.61\\ 6.23\\ 5.07\\ 0.00\\ 3.49\\ 1.74\\ 8.61\\ 6.23\\ 5.07\\ 0.00\\ 3.49\\ 1.74\\ 8.61\\ 6.23\\ 5.07\\ 0.00\\ 3.49\\ 1.74\\ 8.61\\ 6.23\\ 5.07\\ 0.00\\ 3.49\\ 1.74\\ 1.48\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 1.41\\$</td> <td>$\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.38\\ 3.25\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 1.38\\ 3.25\\ 4.59\\ 0.00\\ 1.38\\ 3.25\\ 1.99\\ 3.47\\ 3.17\\ 4.04\\ 3.17\\ 2.57\\ 1.57\\$</td> <td>$\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$</td> <td>0.00 0.00 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 2.25 3.49 0.00 2.25 3.49 0.00 8.22 1.96 0.00 3.19 2.83 7 21.59 14.52 6.51 1.11 0.00 3.28 1.95 14.52 1.59 14.52 1.59 14.52 1.51 1.11 0.00 3.28 1.51 1.11 0.00 3.28 1.52 0.00 3.19 2.53 1.59 1.59 1.59 1.59 1.55 1.59 1.55 1.59 1.59</td> <td>1.80 1.41 1.93 8.75 2.55 2.53 2.53 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.58 3.56 42.43 12.84 4.90 67.57 75.72 25.31 17.01 9.89 5.24 12.00 25.08 15.61 29.45 48.05 48.05 48.57 68.06 24.07 20.42 25.18 8.56 60.39 18.21 12.00 21.25 21.57 21.57 22.55 25.31 17.01 22.53 25.08 15.61 22.42 22.51 8.55 6.00 24.42 22.51 8.55 6.00 24.42 25.18 8.55 6.00 24.22 25.18 8.55 15.10</td> | $\begin{array}{c} 58\\ 3\\ 8\\ 8\\ 17\\ 21\\ 26\\ 32\\ 37\\ 7\\ 26\\ 35\\ 42\\ 49\\ 53\\ 3\\ 8\\ 8\\ 12\\ 18\\ 26\\ 31\\ 39\\ 58\\ 5\\ 13\\ 18\\ 27\\ 32\\ 37\\ 42\\ 46\\ 51\\ 59\\ 8\\ 13\\ 22\\ 37\\ 42\\ 46\\ 51\\ 59\\ 8\\ 13\\ 22\\ 30\\ 22\\ 27\\ 32\\ 22\\ 27\\ 32\\ 22\\ 40\\ \end{array}$ | 0.53 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | $\begin{array}{c} 2.11\\ 0.00\\ 0.00\\ 0.00\\ 0.53\\ 1.51\\ 0.53\\ 1.51\\ 0.00\\$ | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 0.63\\ 4.02\\ 4.23\\ 0.00\\ 0.63\\ 4.02\\ 4.23\\ 0.00\\ 0.80\\ 0.00\\ 0.80\\ 0.00\\$ | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 9.93 0.00 18.17 2.64 0.00 0.00 1.72 0.69 13.22 8.28 2.7.6 0.00 0.00 1.72 0.69 13.22 8.28 2.7.6 0.00 0.00 1.90 6.89 1.95 0.00 1.90 6.89 1.95 0.00 0.00 1.90 6.89 1.95 0.00 0.00 0.00 1.90 6.89 1.95 0.00 | 15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 0.00 27.49 1.76 0.60 1.69 3.49 1.76 0.60 1.69 3.43 31.83 3.43 31.83 34.03 27.30 0.05 0.00 0.2.41 0.05 0.2.41 0.00 0.2.41 0.00 0.2.41 0.59 3.42 0.2.91 0.59 3.42 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.00 0.2.41 0.00 0.00 0.2.41 0.00 0.2.41 0.00 0.00 0.2.41 0.00 0.00 0.2.41 0.00 0.00 0.2.41 0.00 0.00 0.00 0.00 0.2.41 0.00 0.00 0.00 0.00 0.00 0.00 0.2.41 0.00 0. | 16.37 28.90 29.83 31.88 32.13 28.64 40.75 43.03 0.00 11.65 2.64 40.75 2.64 40.75 2.64 11.65 2.64 12.34 19.59 40.92 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 1.50 3.21 0.00 6.55 24.40 25.33 3.23 24.80 | $\begin{array}{c} 16.37\\ 32.52\\ 39.43\\ 14.84\\ 20.54\\ 13.57\\ 27.51\\ 37.48\\ 0.00\\ 3.26\\ 14.97\\ 29.36\\ 17.98\\ 24.42\\ 31.00\\ 15.08\\ 3.26\\ 14.97\\ 29.36\\ 17.98\\ 3.19\\ 0.00\\ 0.00\\ 4.84\\ 9.22\\ 33.72\\ 33.84\\ 5.25\\ 19.68\\ 8.61\\ 4.23\\ 1.50\\ 8.04\\ 0.00\\ 2.62\\ 9.29\\ 20.53\\ 6.75\\ 34.19\\ 2.42\\ 15.30\\ 6.75\\ 34.19\\ 2.42\\ 15.30\\ 10.50\\$ | $\begin{array}{c} 19.01\\ 11.36\\ 16.68\\ 4.40\\ 6.85\\ 9.55\\ 5.60\\ 5.09\\ 0.00\\ 2.33\\ 14.97\\ 24.57\\ 20.23\\ 20.94\\ 21.81\\ 4.11\\ 1.47\\ 0.92\\ 1.82\\ 0.94\\ 21.81\\ 4.11\\ 1.47\\ 0.92\\ 1.82\\ 0.00\\ 0.00\\ 2.07\\ 3.25\\ 10.50\\ 12.18\\ 30.21\\ 6.35\\ 6.31\\ 1.41\\ 2.26\\ 6.31\\ 1.41\\ 2.26\\ 5.63\\ 0.00\\ 3.49\\ 1.74\\ 8.61\\ 6.23\\ 5.07\\ 0.00\\ 3.49\\ 1.74\\ 8.61\\ 6.23\\ 5.07\\ 0.00\\ 3.49\\ 1.74\\ 8.61\\ 6.23\\ 5.07\\ 0.00\\ 3.49\\ 1.74\\ 8.61\\ 6.23\\ 5.07\\ 0.00\\ 3.49\\ 1.74\\ 1.48\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 1.41\\$ | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.38\\ 3.25\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 1.38\\ 3.25\\ 4.59\\ 0.00\\ 1.38\\ 3.25\\ 1.99\\ 3.47\\ 3.17\\ 4.04\\ 3.17\\ 2.57\\ 1.57\\ $ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 2.25 3.49 0.00 2.25 3.49 0.00 8.22 1.96 0.00 3.19 2.83 7 21.59 14.52 6.51 1.11 0.00 3.28 1.95 14.52 1.59 14.52 1.59 14.52 1.51 1.11 0.00 3.28 1.51 1.11 0.00 3.28 1.52 0.00 3.19 2.53 1.59 1.59 1.59 1.59 1.55 1.59 1.55 1.59 1.59 | 1.80 1.41 1.93 8.75 2.55 2.53 2.53 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.58 3.56 42.43 12.84 4.90 67.57 75.72 25.31 17.01 9.89 5.24 12.00 25.08 15.61 29.45 48.05 48.05 48.57 68.06 24.07 20.42 25.18 8.56 60.39 18.21 12.00 21.25 21.57 21.57 22.55 25.31 17.01 22.53 25.08 15.61 22.42 22.51 8.55 6.00 24.42 22.51 8.55 6.00 24.42 25.18 8.55 6.00 24.22 25.18 8.55 15.10 |
| $\begin{array}{c} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 153 \\ 154 \\ 155 \\ 156 \\ 157 \\ 158 \\ 159 \\ 160 \\ 161 \\ 162 \\ 163 \\ 166 \\ 167 \\ 166 \\$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 | 16 17 10 10 10 10 10 10 10 11 11 12 12 12 12 12 | 58 3 8 17 21 26 31 38 12 42 49 53 3 8 12 18 26 31 39 58 5 13 18 27 32 377 42 46 51 13 28 30 22 30 22 30 22 32 40 50 | 0.53 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 2.11 0.00 0.00 0.53 1.51 0.53 1.51 0.00 | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 3.46\\ 1.63\\ 1.11\\ 0.00\\ 0.00\\ 3.46\\ 1.63\\ 1.11\\ 0.00\\ 0.00\\ 0.00\\ 3.46\\ 1.63\\ 1.11\\ 0.00\\ 0.00\\ 0.00\\ 1.04\\ 0.00\\ 0.00\\ 1.04\\ 0.00\\ 0.00\\ 1.03\\ 4.52\\ 0.00\\ 0.00\\ 1.03\\ 1.55\\ 0.00\\$ | 10.03 5.68 0.00 4.40 8.43 8.54 4.08 4.08 9.09 0.00 18.17 2.64 0.00 0.00 1.72 0.69 13.22 8.28 27.76 0.00 1.72 0.69 1.35 0.00 9.68 8.68 2.76 0.00 9.68 8.68 2.76 0.00 9.68 8.68 2.75 0.00 9.16 7.55 1.99 1.56 0.00 9.16 7.55 1.99 1.56 0.00 9.16 7.55 1.99 1.56 0.00 1.06 2.57 5.55 1.95 1.55 1.95 1.55 1.95 1.95 1.95 1.55 1.95 | 15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 0.00 27.49 1.76 0.60 1.69 3.49 10.33 3.43 31.83 34.03 27.30 0.00 21.44 24.95 8.29 10.15 0.00 7.62 16.65 21.17 1.50 2.41 0.00 12.65 23.82 10.59 3.12 4.43 0.00 7.91 8.74 | $\begin{array}{r} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 20.00\\ 0.00\\ 13.14\\ 21.15\\ 25.43\\ 40.92\\ 10.92\\ $ | $\begin{array}{c} 16.37\\ 32.52\\ 39.43\\ 14.84\\ 20.54\\ 13.57\\ 27.51\\ 37.48\\ 0.00\\ 3.26\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 14.97\\ 29.36\\ 3.19\\ 0.00\\ 0.00\\ 4.84\\ 9.22\\ 33.72\\ 33.84\\ 5.25\\ 19.68\\ 8.61\\ 4.23\\ 1.50\\ 8.04\\ 0.00\\ 2.62\\ 9.29\\ 20.53\\ 6.75\\ 34.19\\ 2.42\\ 1.50\\ 8.04\\ 1.50\\ 8.04\\ 1.50\\ 8.04\\ 1.50\\ 1.50\\ 8.04\\ 1.50$ | $\begin{array}{c} 19.01\\ 11.36\\ 16.68\\ 4.40\\ 6.85\\ 9.55\\ 5.60\\ 5.09\\ 0.00\\ 2.33\\ 14.97\\ 24.57\\ 20.23\\ 20.94\\ 21.81\\ 4.11\\ 1.47\\ 20.94\\ 21.81\\ 4.11\\ 1.47\\ 0.92\\ 1.82\\ 0.00\\ 2.07\\ 3.25\\ 10.50\\ 0.00\\ 2.07\\ 3.25\\ 10.50\\ 1.218\\ 30.21\\ 6.35\\ 6.31\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.41\\ 1.41\\ 1.41\\ 2.26\\ 5.63\\ 1.41\\ 1.4$ | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.06\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 19.37\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ 0.00\\ 0.00\\ 1.82\\ 0.00\\ $ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 0.00 2.25 3.49 0.00 2.25 3.49 0.00 3.19 28.37 21.59 14.52 6.51 1.11 0.00 3.28 10.79 9.76 13.40 25.58 18.40 23.57 10.47 6.97 3.97 9.35 8.23 20.21 18.47 18.47 18.51 18.47 | 1.80 1.41 1.93 8.75 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.51 1.17 1.44 93.26 8.69 31.31 14.90 11.78 8.58 3.56 42.43 3.44 4.90 67.57 75.72 25.31 17.01 9.89 5.24 12.00 25.08 15.61 29.45 48.09 48.56 15.16 60.39 18.21 12.09 12.12 |
| $\begin{array}{c} 128 \\ 129 \\ 130 \\ 131 \\ 132 \\ 133 \\ 134 \\ 135 \\ 136 \\ 137 \\ 138 \\ 139 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 146 \\ 147 \\ 148 \\ 149 \\ 150 \\ 151 \\ 155 \\ 156 \\ 157 \\ 158 \\ 159 \\ 160 \\ 161 \\ 162 \\ 163 \\ 164 \\ 165 \\ 166 \\ 167 \\ 168 \\ \end{array}$ | 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 11/4/2013 | 16 17 10 10 10 10 10 10 10 10 11 11 11 12 12 12 12 | 58 3 8 17 21 26 31 8 12 135 42 49 53 8 12 18 26 31 39 58 5 13 18 26 31 39 58 5 13 27 32 37 32 37 32 31 38 27 32 37 32 37 32 37 32 33 342 36 37 38 313 32 <t< td=""><td>0.53 0.00 0.00 0.00 0.00 0.00 0.00 0.00</td><td>2.11 0.00 0.00 0.53 1.51 0.53 1.51 0.00</td><td>$\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 0.63\\ 4.02\\ 4.23\\ 0.00\\ 0.80\\ 0.00\\ 0.80\\ 0.00\\ 0.80\\ 0.00\\ 0.232\\ 0.00$</td><td>$\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 9.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 0.70\\ 0.00\\ 0.70\\ 0.00\\ 0.70\\ 1.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ 0.00\\ 0.00\\ 0.75\\ 0.00\\ 1.90\\ 6.89\\ 1.95\\ 0.75\\ 0.00\\ 1.90\\ 6.89\\ 1.90\\ 1.90\\ 6.89\\ 1.95\\ 0.75\\ 0.00\\ 0.00\\ 1.90\\ 6.89\\ 1.90\\ 1.90\\ 1.90\\ 1.55\\ 1.99\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.95\\ 1.99\\ 1.55\\ 1.99\\ 1.99\\ 1.55\\ 1.99\\ 1.98\\ 1.98\\ 1.98\\ 1.98\\ 1.98\\ 1.98\\ 1.98\\ 1.98\\ 1.98\\ 1$</td><td>15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 0.00 27.49 1.76 0.60 1.69 3.49 1.76 0.60 1.69 3.43 3.43 3.43 3.43 3.43 3.43 3.43 27.30 0.00 0.2.41 0.00 0.2.41 0.00 0.2.5 23.82 0.00 0.2.51 23.82 0.00 0.2.41 0.00 0.2.41 0.00 0.2.51 23.82 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.51 23.82 0.00 0.00 0.2.41 0.00 0.2.51 0.12.65 23.82 0.00 0.00 0.00 0.2.41 0.00 0.2.51 0.12 0.52 0.12 0.51 0.51</td><td>$\begin{array}{r} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 2.64\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 10.92\\ 0.00\\ 0.00\\ 0.00\\ 13.14\\ 21.15\\ 25.43\\ 1.97\\ 18.41\\ 15.50\\ 11.29\\ 1.50\\ 3.21\\ 1.50\\ 3.21\\ 1.50\\ 3.21\\ 0.00\\ 6.55\\ 24.40\\ 25.82\\ 4.68\\ 25.33\\ 3.23\\ 24.80\\ 19.02\\ 8.61\\ \end{array}$</td><td>16.37 32.52 39.43 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 29.36 17.98 24.42 31.00 15.08 6.37 10.58 3.19 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 2.68 8.61 4.23 1.50 8.04 0.00 2.62 9.29</td><td>19.01 11.36 16.68 4.40 6.85 9.55 5.60 5.09 0.00 2.33 14.97 24.57 20.23 20.94 21.81 4.11 1.47 0.92 1.82 0.00 2.07 3.25 10.50 12.18 30.21 6.35 6.31 1.41 2.26 5.63 0.00 3.49 1.74 8.61 6.23 5.07 0.00 3.17 5.66 17.79</td><td>$\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ 4.69\\ 0.00\\ 0.6.77\\ 7.23\\ 1.49\\ 0.58\\ 1.99\\ 9.87\\ 3.17\\ 4.04\\ 3.17\\ 2.57\\ 5.74\\ \end{array}$</td><td>$\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$</td><td>0.00 0.00 0.00 0.00 3.85 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 0.00 2.55 0.00 3.19 28.37 21.59 0.451 1.11 0.00 3.28 10.79 9.76 13.40 25.58 18.48 23.77 9.75 8.23 20.21 18.47 18.51 12.63</td><td>1.80 1.41 1.93 8.75 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.51 1.17 1.44 93.26 31.31 14.90 11.78 8.56 42.43 12.84 3.34 4.490 67.57 75.72 25.31 17.01 9.89 5.24 5.24 2.00 25.08 15.61 29.45 48.09 48.57 68.06 48.21 20.42 25.18 8.56 15.16 60.39 18.21 12.09 12.77</td></t<> | 0.53 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 2.11 0.00 0.00 0.53 1.51 0.53 1.51 0.00 | $\begin{array}{c} 5.81\\ 2.06\\ 0.00\\ 0.55\\ 2.63\\ 3.52\\ 1.02\\ 0.00\\ 0.63\\ 4.02\\ 4.23\\ 0.00\\ 0.80\\ 0.00\\ 0.80\\ 0.00\\ 0.80\\ 0.00\\ 0.232\\ 0.00$ | $\begin{array}{c} 10.03\\ 5.68\\ 0.00\\ 4.40\\ 8.43\\ 8.54\\ 4.08\\ 9.93\\ 0.00\\ 18.17\\ 2.64\\ 0.00\\ 0.70\\ 0.00\\ 0.70\\ 0.00\\ 0.70\\ 1.72\\ 0.69\\ 13.22\\ 8.28\\ 27.76\\ 0.00\\ 0.00\\ 0.75\\ 0.00\\ 1.90\\ 6.89\\ 1.95\\ 0.75\\ 0.00\\ 1.90\\ 6.89\\ 1.90\\ 1.90\\ 6.89\\ 1.95\\ 0.75\\ 0.00\\ 0.00\\ 1.90\\ 6.89\\ 1.90\\ 1.90\\ 1.90\\ 1.55\\ 1.99\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.95\\ 1.99\\ 1.55\\ 1.99\\ 1.99\\ 1.55\\ 1.99\\ 1.98\\ 1.98\\ 1.98\\ 1.98\\ 1.98\\ 1.98\\ 1.98\\ 1.98\\ 1.98\\ 1$ | 15.84 16.00 9.10 24.74 22.65 24.62 18.34 11.57 0.00 27.49 1.76 0.60 1.69 3.49 1.76 0.60 1.69 3.43 3.43 3.43 3.43 3.43 3.43 3.43 27.30 0.00 0.2.41 0.00 0.2.41 0.00 0.2.5 23.82 0.00 0.2.51 23.82 0.00 0.2.41 0.00 0.2.41 0.00 0.2.51 23.82 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.41 0.00 0.2.51 23.82 0.00 0.00 0.2.41 0.00 0.2.51 0.12.65 23.82 0.00 0.00 0.00 0.2.41 0.00 0.2.51 0.12 0.52 0.12 0.51 0.51 | $\begin{array}{r} 16.37\\ 28.90\\ 29.83\\ 31.88\\ 32.13\\ 28.64\\ 40.75\\ 43.03\\ 0.00\\ 11.65\\ 2.64\\ 4.19\\ 6.18\\ 15.35\\ 2.64\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 26.41\\ 12.34\\ 19.59\\ 10.92\\ 0.00\\ 0.00\\ 0.00\\ 13.14\\ 21.15\\ 25.43\\ 1.97\\ 18.41\\ 15.50\\ 11.29\\ 1.50\\ 3.21\\ 1.50\\ 3.21\\ 1.50\\ 3.21\\ 0.00\\ 6.55\\ 24.40\\ 25.82\\ 4.68\\ 25.33\\ 3.23\\ 24.80\\ 19.02\\ 8.61\\ \end{array}$ | 16.37 32.52 39.43 39.43 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.84 20.54 13.57 27.51 37.48 0.00 3.26 14.97 29.36 17.98 24.42 31.00 15.08 6.37 10.58 3.19 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 2.68 8.61 4.23 1.50 8.04 0.00 2.62 9.29 | 19.01 11.36 16.68 4.40 6.85 9.55 5.60 5.09 0.00 2.33 14.97 24.57 20.23 20.94 21.81 4.11 1.47 0.92 1.82 0.00 2.07 3.25 10.50 12.18 30.21 6.35 6.31 1.41 2.26 5.63 0.00 3.49 1.74 8.61 6.23 5.07 0.00 3.17 5.66 17.79 | $\begin{array}{c} 11.09\\ 2.06\\ 3.03\\ 3.03\\ 3.85\\ 3.16\\ 4.02\\ 1.02\\ 0.46\\ 0.00\\ 3.73\\ 22.17\\ 30.90\\ 16.05\\ 4.59\\ 6.85\\ 3.43\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.82\\ 0.00\\ 1.38\\ 3.25\\ 4.42\\ 4.69\\ 0.00\\ 0.6.77\\ 7.23\\ 1.49\\ 0.58\\ 1.99\\ 9.87\\ 3.17\\ 4.04\\ 3.17\\ 2.57\\ 5.74\\ \end{array}$ | $\begin{array}{c} 1.06\\ 0.00\\ 0.00\\ 0.00\\ 2.75\\ 0.53\\ 1.00\\ 0.00\\$ | 0.00 0.00 0.00 0.00 3.85 0.00 3.85 0.00 0.00 0.00 0.00 0.00 0.00 0.00 2.55 0.00 3.19 28.37 21.59 0.451 1.11 0.00 3.28 10.79 9.76 13.40 25.58 18.48 23.77 9.75 8.23 20.21 18.47 18.51 12.63 | 1.80 1.41 1.93 8.75 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.51 1.17 1.44 93.26 31.31 14.90 11.78 8.56 42.43 12.84 3.34 4.490 67.57 75.72 25.31 17.01 9.89 5.24 5.24 2.00 25.08 15.61 29.45 48.09 48.57 68.06 48.21 20.42 25.18 8.56 15.16 60.39 18.21 12.09 12.77 |

| 170 | 11/4/2012 | 12 | 7 | 1.60 | 0.00 | 1.20 | 2.70 | 0.00 | 17.50 | 25.05 | 7.50 | 2.10 | 2.50 | 14.77 | 10.00 |
|---|--|---------------------------------------|---------------------------------------|--|--|--|---|---|---|--|--|---|--|--|--|
| 1/0 | 11/4/2013 | 13 | / | 1.60 | 0.80 | 1.20 | 2.79 | 9.98 | 17.56 | 25.95 | /.58 | 3.19 | 3.59 | 14.// | 10.99 |
| 171 | 11/4/2013 | 13 | 15 | 0.00 | 0.54 | 1.63 | 2.17 | 7.60 | 19.54 | 13.03 | 4.34 | 6.51 | 10.31 | 17.37 | 16.94 |
| 172 | 11/4/2012 | 12 | 21 | 0.00 | 0.00 | 0.00 | 0.00 | 2 20 | 5.60 | 4.80 | 2.40 | 6.40 | 14.40 | 26.40 | 26.70 |
| 172 | 11/4/2015 | 15 | 21 | 0.00 | 0.00 | 0.00 | 0.00 | 5.20 | 5.00 | 4.00 | 2.40 | 0.40 | 14.40 | 20.40 | 50.77 |
| 173 | 11/4/2013 | 13 | 26 | 0.00 | 0.55 | 1.09 | 2.19 | 5.46 | 13.66 | 25.68 | 5.46 | 4.37 | 7.10 | 12.57 | 21.87 |
| 174 | 11/4/2013 | 13 | 31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.69 | 0.69 | 6.88 | 7.57 | 6.19 | 17.88 | 33.01 | 27.09 |
| 175 | 11/4/2012 | 12 | 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.50 | 14.20 | 0.00 | 8.04 | 12.15 | 25 77 | 26.20 |
| 173 | 11/4/2013 | 15 | 37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.36 | 14.20 | 9.99 | 0.94 | 13.13 | 23.11 | 20.39 |
| 176 | 11/4/2013 | 13 | 44 | 0.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.86 | 17.63 | 79.59 |
| 177 | 11/4/2013 | 13 | 51 | 0.00 | 0.00 | 0.00 | 1 32 | 1.98 | 3 95 | 5.93 | 1 98 | 1.98 | 3 29 | 17.12 | 62.46 |
| 170 | 11/4/2012 | 1.4 | 0 | 0.00 | 0.00 | 1.1.1 | 2.70 | ((2) | 22.00 | 25.26 | 12.16 | 2.22 | 2.21 | 4.42 | 0.20 |
| 1/8 | 11/4/2013 | 14 | 0 | 0.00 | 0.00 | 1.11 | 2.70 | 0.03 | 22.00 | 35.30 | 12.10 | 3.32 | 2.21 | 4.42 | 9.38 |
| 179 | 11/4/2013 | 14 | 4 | 0.00 | 0.00 | 0.00 | 1.16 | 4.07 | 13.36 | 26.72 | 8.71 | 6.97 | 8.13 | 18.01 | 12.88 |
| 180 | 11/4/2013 | 14 | 8 | 1.30 | 0.86 | 2 59 | 4 32 | 10.37 | 14.26 | 18 14 | 19.01 | 4 32 | 0.86 | 8 64 | 15 33 |
| 100 | 11/4/2013 | 14 | 20 | 0.00 | 0.00 | 2.57 | 4.52 | 10.57 | 14.20 | 10.14 | 17.01 | 4.52 | 0.00 | 0.04 | 13.33 |
| 181 | 11/4/2013 | 14 | 20 | 0.00 | 0.00 | 0.00 | 0.00 | 3.35 | 5.03 | 1.68 | 0.00 | 1.68 | 8.39 | 25.16 | 54.72 |
| 182 | 11/4/2013 | 14 | 24 | 0.00 | 1.49 | 5.97 | 14.92 | 26.36 | 19.40 | 11.44 | 3.98 | 2.49 | 2.98 | 3.98 | 6.98 |
| 192 | 11/4/2012 | 14 | 2.2 | 0.00 | 0.00 | 1.12 | 1.12 | 2.02 | 10.67 | 24 72 | 22.60 | 10.11 | 2 27 | 6.74 | 14.60 |
| 165 | 11/4/2013 | 14 | 33 | 0.00 | 0.00 | 1.12 | 1.12 | 3.93 | 10.07 | 24.72 | 23.00 | 10.11 | 3.37 | 0.74 | 14.00 |
| 184 | 11/4/2013 | 14 | 39 | 0.00 | 0.00 | 0.00 | 0.60 | 2.40 | 8.99 | 17.39 | 22.18 | 9.59 | 4.80 | 10.79 | 23.26 |
| 185 | 11/4/2013 | 14 | 42 | 0.00 | 0.50 | 2.01 | 5.52 | 15.56 | 28.12 | 27.11 | 10.54 | 6.03 | 1.00 | 0.50 | 3.10 |
| 186 | 11/4/2012 | 15 | 28 | 0.00 | 0.00 | 0.86 | 1 28 | 12.69 | 21.64 | 26.24 | 8.08 | 2.14 | 0.00 | 0.00 | 2.10 |
| 180 | 11/4/2013 | 15 | 20 | 0.00 | 0.00 | 0.80 | 4.20 | 15.08 | 51.04 | 30.34 | 0.90 | 2.14 | 0.00 | 0.00 | 2.10 |
| 187 | 11/4/2013 | 15 | 32 | 0.00 | 0.00 | 4.09 | 11.26 | 21.49 | 22.51 | 11.77 | 2.05 | 1.02 | 1.53 | 7.67 | 16.61 |
| 188 | 11/4/2013 | 15 | 37 | 1.00 | 0.50 | 1.00 | 2.50 | 8.99 | 20.47 | 20.97 | 11.98 | 3.99 | 1.50 | 8.99 | 18.12 |
| 180 | 11/4/2013 | 15 | 41 | 1.41 | 5.18 | 8 0/1 | 11.30 | 16.95 | 14.12 | 20.71 | 10.36 | 3 30 | 0.00 | 1.88 | 5.85 |
| 109 | 11/4/2013 | 15 | 41 | 1.41 | 3.18 | 0.94 | 11.30 | 10.95 | 14.12 | 20.71 | 10.30 | 3.30 | 0.00 | 1.00 | 5.85 |
| 190 | 11/4/2013 | 15 | 47 | 0.00 | 1.05 | 5.23 | 12.02 | 25.62 | 23.53 | 22.48 | 6.27 | 1.57 | 0.00 | 0.00 | 2.24 |
| 191 | 11/4/2013 | 15 | 54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4 21 | 12.04 | 15.05 | 13 24 | 6.02 | 18 66 | 30.79 |
| 102 | 11/8/2012 | 14 | 6 | 0.00 | 0.00 | 0.00 | 2 72 | 17.60 | 20.04 | 10.72 | 4.76 | 5.44 | 4.76 | 2 72 | 12.22 |
| 192 | 11/8/2013 | 14 | 0 | 0.00 | 0.00 | 0.00 | 2.12 | 17.09 | 29.94 | 19.73 | 4.70 | 5.44 | 4.70 | 2.12 | 12.23 |
| 193 | 11/8/2013 | 14 | 15 | 0.00 | 2.72 | 4.54 | 9.99 | 23.61 | 28.60 | 19.97 | 6.81 | 1.82 | 0.00 | 0.00 | 1.95 |
| 194 | 11/8/2013 | 14 | 29 | 16.54 | 1.18 | 1.97 | 5.12 | 16.15 | 22.84 | 17.33 | 8.27 | 5.51 | 1.58 | 0.79 | 2.72 |
| 105 | 11/8/2012 | 1/ | 2.4 | 0.84 | 0.42 | 1 29 | 2.95 | 10.27 | 36.20 | 28.26 | 6.95 | 1.20 | 0.00 | 0.00 | 1 5 2 |
| 195 | 11/0/2013 | 14 | 54 | 0.00 | 0.43 | 1.20 | 5.65 | 17.4/ | 30.39 | 20.20 | 0.03 | 1.20 | 0.00 | 0.00 | 1.33 |
| 196 | 11/8/2013 | 14 | 37 | 0.00 | 0.00 | 0.00 | 3.08 | 25.13 | 43.09 | 20.52 | 5.13 | 1.03 | 0.00 | 0.00 | 2.03 |
| 197 | 11/8/2013 | 14 | 51 | 0.00 | 0.00 | 0.00 | 0.00 | 1.76 | 18.05 | 34.34 | 15.85 | 9.25 | 5.28 | 3.96 | 11.50 |
| 109 | 11/8/2012 | 14 | 57 | 0.00 | 0.00 | 0.00 | 0.00 | 8 72 | 30.55 | 35 70 | 15 71 | 3 40 | 0.97 | 1 75 | 2.12 |
| 196 | 11/0/2013 | 14 | 51 | 0.00 | 0.00 | 0.00 | 0.00 | 0./3 | 30.33 | 33.10 | 13./1 | 5.47 | 0.07 | 1./3 | 5.12 |
| 199 | 11/8/2013 | 15 | 6 | 0.00 | 2.38 | 6.66 | 17.12 | 32.81 | 29.00 | 8.08 | 1.43 | 0.95 | 0.00 | 0.00 | 1.58 |
| 200 | 11/8/2013 | 15 | 12 | 0.00 | 0.00 | 2.50 | 8.00 | 26.50 | 29.00 | 22.50 | 7.00 | 2.00 | 0.00 | 0.00 | 2.50 |
| 201 | 11/8/2012 | 15 | 10 | 0.00 | 0.00 | 0.50 | 8.07 | 22.20 | 26.20 | 11.04 | 2 40 | 1.00 | 0.50 | 0.00 | 4 00 |
| 201 | 11/0/2013 | 13 | 18 | 0.00 | 0.00 | 0.30 | 0.7/ | 55.59 | 30.39 | 11.90 | 2.49 | 1.00 | 0.30 | 0.00 | 4.80 |
| 202 | 11/8/2013 | 15 | 33 | 0.00 | 0.00 | 0.00 | 0.00 | 3.48 | 16.90 | 41.24 | 23.36 | 9.44 | 2.48 | 0.50 | 2.60 |
| 203 | 11/8/2013 | 15 | 40 | 0.53 | 0.00 | 0.00 | 3 73 | 13 33 | 25.05 | 30.38 | 1919 | 3 73 | 1.60 | 0.00 | 2 46 |
| 204 | 11/8/2012 | 15 | 46 | 0.60 | 0.00 | 1 70 | 7.76 | 20.80 | 27.45 | 18.50 | 8.05 | 5.27 | 1 10 | 0.00 | 7.50 |
| 204 | 11/8/2013 | 15 | 40 | 0.00 | 0.00 | 1.79 | 7.70 | 20.89 | 27.43 | 18.30 | 8.93 | 5.37 | 1.19 | 0.00 | 7.30 |
| 205 | 11/8/2013 | 15 | 51 | 0.00 | 0.00 | 0.63 | 5.69 | 24.64 | 29.70 | 22.11 | 9.48 | 3.16 | 0.63 | 0.00 | 3.96 |
| 206 | 11/8/2013 | 16 | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.79 | 8.03 | 28.57 | 61.61 |
| 207 | 11/9/2012 | 16 | 12 | 0.00 | 0.58 | 0.00 | 1.16 | 8.60 | 26.06 | 41.11 | 11.00 | 2 2 2 | 0.00 | 0.00 | 0.00 |
| 207 | 11/8/2013 | 10 | 13 | 0.00 | 0.38 | 0.00 | 1.10 | 0.09 | 20.00 | 41.11 | 11.00 | 2.32 | 0.00 | 0.00 | 9.09 |
| 208 | 11/8/2013 | 16 | 19 | 0.00 | 0.00 | 0.00 | 0.00 | 4.80 | 14.39 | 25.35 | 21.24 | 13.02 | 3.43 | 1.37 | 16.43 |
| 209 | 11/8/2013 | 16 | 25 | 0.00 | 0.00 | 0.94 | 6.56 | 27.17 | 39.82 | 14 06 | 4 69 | 1 41 | 0.00 | 0.47 | 4 89 |
| 210 | 11/0/2012 | 7 | 51 | 1.61 | 1.61 | 4.20 | 10.10 | 25.20 | 29.42 | 14.49 | 5.00 | 2.22 | 0.00 | 0.00 | 5.00 |
| 210 | 11/9/2013 | / | 51 | 1.01 | 1.01 | 4.29 | 10.19 | 25.20 | 28.42 | 14.48 | 5.90 | 3.22 | 0.00 | 0.00 | 5.09 |
| 211 | 11/9/2013 | 7 | 58 | 0.76 | 0.00 | 0.00 | 0.00 | 2.28 | 3.04 | 5.33 | 9.13 | 17.50 | 13.70 | 12.18 | 36.07 |
| 212 | 11/9/2013 | 8 | 19 | 0.00 | 0.00 | 0.00 | 2.23 | 11.15 | 34 34 | 39.69 | 9.81 | 1 34 | 0.00 | 0.00 | 1 44 |
| 212 | 11/0/2012 | 0 | 27 | 0.00 | 0.00 | 0.00 | 0.40 | 0.29 | 40.09 | 29.51 | 7.41 | 1.49 | 0.00 | 0.00 | 1.75 |
| 213 | 11/9/2013 | δ | 27 | 0.00 | 0.00 | 0.00 | 0.49 | 9.38 | 40.98 | 38.51 | /.41 | 1.48 | 0.00 | 0.00 | 1.75 |
| 214 | 11/9/2013 | 8 | 34 | 3.16 | 1.05 | 1.05 | 5.26 | 14.74 | 23.68 | 17.37 | 10.00 | 4.74 | 1.58 | 2.63 | 14.74 |
| 215 | 11/9/2013 | 8 | 43 | 0.00 | 0.00 | 0.64 | 0.64 | 1 91 | 7.63 | 15.26 | 17 80 | 29 25 | 6 99 | 2.54 | 17 35 |
| 210 | 11/0/2012 | 0 | 49 | 0.00 | 0.00 | 0.00 | 2.00 | 7.02 | 24.50 | 41.60 | 10.54 | 2,51 | 0.50 | 0.00 | 2.29 |
| 210 | 11/9/2013 | δ | 48 | 0.00 | 0.00 | 0.00 | 2.00 | 7.02 | 24.50 | 41.60 | 18.54 | 3.51 | 0.50 | 0.00 | 2.28 |
| 217 | 11/9/2013 | 8 | 54 | 0.00 | 0.00 | 2.55 | 6.63 | 20.91 | 29.58 | 25.50 | 8.16 | 3.57 | 0.00 | 0.00 | 3.10 |
| 218 | 11/9/2013 | 8 | 59 | 4 40 | 2 75 | 6 60 | 9 91 | 20.36 | 17.06 | 11.01 | 3 30 | 2.75 | 2.75 | 6.05 | 13.04 |
| 210 | 11/0/2012 | 0 | 6 | 0.00 | 2.45 | 0.10 | 10.01 | 22.16 | 22.50 | 0.10 | 2.20 | 0.00 | 0.00 | 0.00 | 1.21 |
| 219 | 11/9/2015 | 9 | 0 | 0.00 | 5.45 | 9.19 | 19.91 | 52.10 | 22.39 | 9.19 | 2.50 | 0.00 | 0.00 | 0.00 | 1.21 |
| 220 | 11/9/2013 | 9 | 15 | 0.00 | 0.00 | 0.00 | 5.05 | 33.26 | 40.42 | 15.16 | 2.11 | 0.00 | 0.00 | 0.00 | 4.01 |
| 221 | 11/9/2013 | 9 | 25 | 0.00 | 0.00 | 4.24 | 12.18 | 34.41 | 38.12 | 8.47 | 0.00 | 0.00 | 0.00 | 0.00 | 2.59 |
| 222 | 11/0/2012 | 0 | 20 | 0.80 | 0.80 | 1 70 | 6.25 | 25.02 | 12.80 | 17.97 | 1.24 | 0.00 | 0.00 | 0.00 | 2.06 |
| 222 | 11/9/2013 | 9 | 50 | 0.89 | 0.89 | 1.79 | 0.23 | 25.02 | 42.89 | 17.67 | 1.34 | 0.00 | 0.00 | 0.00 | 5.00 |
| 223 | 11/9/2013 | 9 | 34 | 0.00 | 0.00 | 1.16 | 1.75 | 5.24 | 19.79 | 46.55 | 16.29 | 4.07 | 0.58 | 0.00 | 4.56 |
| 224 | 11/9/2013 | 9 | 37 | 0.00 | 0.00 | 0.00 | 0.00 | 3.17 | 10 79 | 10 79 | 3.81 | 7.62 | 8 89 | 12 70 | 42.22 |
| 225 | 11/9/2012 | Ó | 51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3 57 | 10.72 | 9.20 | 16.44 | 50.07 |
| 225 | 11/0/2010 | , | 51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.57 | 10.72 |).2) | 10.44 | 37.77 |
| 226 | 11/9/2013 | 10 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.64 | 1.13 | 55.50 | 20.62 | 9.66 | 2.58 | 0.00 | 25.27 |
| 227 | 11/9/2013 | 10 | 6 | 0.00 | 1.79 | 5.36 | 10.12 | 18.45 | 25.59 | 25.59 | 7.74 | 1.19 | 0.00 | 0.00 | 4.18 |
| 228 | 11/9/2013 | 10 | 13 | 0.00 | 1 70 | 5.95 | 16.16 | 31.46 | 28 48 | 10.63 | 1 70 | 0.00 | 0.00 | 0.00 | 3 92 |
| 220 | 11/0/2012 | 10 | 10 | 0.00 | 0.04 | 5.00 | 17.10 | 20.07 | 20.40 | 0.02 | 2.00 | 1.00 | 0.04 | 1.00 | 6.02 |
| 229 | 11/9/2013 | 10 | 18 | 0.00 | 0.84 | 5.02 | 17.10 | 30.97 | 23.80 | 9.05 | 2.09 | 1.20 | 0.84 | 1.0/ | 0.0/ |
| 230 | 11/9/2013 | 10 | 24 | 0.00 | 0.00 | 0.50 | 6.44 | 27.74 | 46.07 | 15.36 | 1.49 | 0.00 | 0.00 | 0.00 | 2.42 |
| 231 | 11/9/2013 | 10 | 33 | 0.90 | 0.90 | 4.51 | 9.02 | 22 10 | 27.96 | 20.75 | 4.51 | 0.90 | 0.00 | 1 35 | 7 09 |
| 222 | 11/0/2012 | 10 | 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.65 | 10.22 | 30.20 | 20 10 | 11.60 | 1.04 | 1 20 | 6 40 |
| 232 | 11/7/2013 | 10 | 39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 10.33 | 37.30 | 20.40 | 11.02 | 1.94 | 1.29 | 0.40 |
| 233 | 11/9/2013 | 10 | 43 | 0.00 | 0.00 | 0.00 | 2.03 | 15.84 | 42.24 | 33.30 | 4.47 | 0.41 | 0.00 | 0.00 | 1.71 |
| 234 | 11/9/2013 | 10 | 50 | 1.43 | 3.34 | 6.20 | 12.41 | 25.77 | 30.55 | 14.80 | 2.86 | 0.00 | 0.00 | 0.00 | 2.63 |
| 225 | 11/0/2012 | 11 | 12 | 0.00 | 0.00 | 1.52 | 7.11 | 22.22 | 28.02 | 21.92 | 812 | 2 5 4 | 0.00 | 1.02 | 6.60 |
| 233 | 11/7/2013 | 11 | 13 | 0.00 | 0.00 | 1.32 | 7.11 | | 20.73 | 21.03 | 0.12 | 2.34 | 0.00 | 1.02 | 0.00 |
| 236 | 11/9/2013 | 11 | 16 | 0.00 | 0.00 | 0.00 | 5.43 | 7.71 | 11.99 | 4.28 | 0.00 | 0.00 | 0.00 | 24.84 | 41.75 |
| 237 | 11/9/2013 | 11 | 21 | 0.00 | 0.00 | 0.00 | 1.40 | 5.61 | 8.41 | 20.32 | 33.63 | 16.12 | 4.20 | 2.80 | 7.51 |
| 238 | 11/9/2013 | 11 | 27 | 0.62 | 0.94 | 2.81 | 6.55 | 17.47 | 24.02 | 28.07 | 11.23 | 4.05 | 0.94 | 0.00 | 3 32 |
| 230 | 11/0/2012 | 11 | 21 | 0.02 | 0.04 | 2.01 | 0.55 | 2.10 | 16.60 | 20.07 | 11.40 | 2.10 | 0.74 | 10.00 | 2.34 |
| 239 | 11/9/2013 | 11 | 31 | 0.00 | 0.00 | 0.00 | 0.00 | 5.19 | 16.60 | 20.81 | 11.49 | 5.19 | 0.64 | 10.85 | 27.22 |
| 240 | 11/9/2013 | 11 | 42 | 2.85 | 0.00 | 0.00 | 0.00 | 3.99 | 14.23 | 18.79 | 7.40 | 9.11 | 7.40 | 14.80 | 21.43 |
| 241 | 11/9/2013 | 11 | 50 | 0.00 | 0.00 | 0.47 | 7 92 | 27.47 | 27.01 | 13 50 | 3 26 | 1 40 | 1 86 | 6.52 | 10.60 |
| 241 | 11/0/2012 | 11 | 50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.77 | 4 40 | 10.00 | 0.20 | (.72 | 1.00 | 21.00 | 20.00 |
| 242 | 11/9/2013 | 11 | 54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.56 | 4.48 | 10.63 | 9.52 | 6.72 | 6.16 | 51.90 | 30.03 |
| 243 | 11/9/2013 | 11 | 59 | 0.62 | 0.00 | 0.00 | 0.00 | 3.10 | 9.91 | 16.73 | 8.67 | 6.20 | 3.72 | 17.35 | 33.71 |
| 244 | 11/9/2013 | 12 | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.90 | 0.00 | 0.00 | 0.00 | 1 70 | 24.22 | 73.08 |
| 244 | 11/0/2013 | 12 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.00 | 0.00 | 0.00 | 1./7 | 17.22 | 75.00 |
| 245 | 11/9/2013 | 12 | 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.53 | 8.48 | 4.24 | 3.53 | 3.53 | 17.66 | 59.03 |
| 246 | 11/9/2013 | 12 | 18 | 0.00 | 0.00 | 0.00 | 1.45 | 1.45 | 2.18 | 3.64 | 3.64 | 2.18 | 4.36 | 32.72 | 48.38 |
| 247 | 11/9/2013 | 12 | 24 | 0.00 | 0.00 | 0.95 | 6.16 | 31.29 | 42.67 | 12.80 | 0.95 | 0.00 | 0.00 | 0.95 | 4 74 |
| 240 | 11/0/2012 | 12 | 20 | 0.00 | 0.00 | 0.75 | 0.10 | 2.22 | 14.75 | 22.00 | 5.00 | 4.61 | 0.00 | 10.00 | 20.22 |
| 248 | 11/9/2013 | 12 | 50 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 14./5 | 25.05 | 5.99 | 4.01 | 9.22 | 18.90 | 20.23 |
| 249 | 11/0/2012 | 12 | 36 | 3.53 | 0.50 | 0.50 | 0.00 | 1.51 | 15.12 | 39.82 | 13.61 | 7.56 | 5.04 | 4.03 | 8.76 |
| - | 11/9/2013 | _ | | | _ | 1.1.1 | 4.44 | 13 31 | 26.06 | 31.60 | 14 97 | 2 77 | 0.00 | 0.55 | 2 5 2 |
| 250 | 11/9/2013 | 12 | 55 | 1.66 | 0.00 | | | | | | // | | | 0.55 | |
| 250 | 11/9/2013 11/9/2013 | 12 | 55 | 1.66 | 0.00 | 1.11 | 4.44 | 5.51 | 20.00 | 4.10 | 0.72 | 1.27 | 0.00 | 0.55 | 5.55 |
| 250 251 | 11/9/2013 11/9/2013 5/13/2014 | 12 9 | 55 45 | 1.66 8.20 | 0.00 | 0.00 | 0.00 | 5.47 | 5.47 | 4.10 | 2.73 | 1.37 | 0.00 | 9.57 | 63.08 |
| 250 251 252 | 11/9/2013 11/9/2013 5/13/2014 5/13/2014 | 12 9 10 | 55 45 9 | 1.66 8.20 2.54 | 0.00 0.00 2.96 | 0.00 8.47 | 0.00 | 5.47 26.24 | 5.47 <u>1</u> 7.78 | 4.10 | 2.73 | <u>1.37</u> 0.85 | 0.00 | 0.55 9.57 2.54 | <u>63.08</u> 2.65 |
| 250 251 252 253 | 11/9/2013 11/9/2013 5/13/2014 5/13/2014 5/13/2014 | 12 9 10 | 55 45 9 17 | 1.66 8.20 2.54 1.33 | 0.00 0.00 2.96 0.00 | 0.00 8.47 0.00 | 0.00 18.20 0.00 | 5.47 26.24 0.00 | 5.47 17.78 0.00 | 4.10 12.70 0.00 | 2.73 4.23 0.00 | 1.37 0.85 0.00 | 0.00 0.85 3.98 | 0.55 9.57 2.54 26.53 | 63.08 2.65 68.17 |
| 250 251 252 253 | 11/9/2013 11/9/2013 5/13/2014 5/13/2014 5/13/2014 | 12 9 10 10 | 55 45 9 17 | 1.66 8.20 2.54 1.33 | 0.00 0.00 2.96 0.00 | 0.00 8.47 0.00 | 0.00 18.20 0.00 | 5.47 26.24 0.00 | 5.47 17.78 0.00 | 4.10 12.70 0.00 | 2.73 4.23 0.00 | 1.37 0.85 0.00 | 0.00 0.85 3.98 | 0.55 9.57 2.54 26.53 | 63.08 2.65 68.17 |
| 250 251 252 253 254 | 11/9/2013 11/9/2013 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | 12 9 10 10 10 | 55 45 9 17 32 | 1.66 8.20 2.54 1.33 0.00 | 0.00 0.00 2.96 0.00 0.00 | 0.00 8.47 0.00 0.00 | 0.00 18.20 0.00 0.00 | 5.47 26.24 0.00 2.49 | 5.47 17.78 0.00 7.96 | 4.10 12.70 0.00 15.42 | 2.73 4.23 0.00 16.91 | 1.37 0.85 0.00 15.91 | 0.00 0.85 3.98 6.96 | 0.55 9.57 2.54 26.53 14.92 | 63.08 2.65 68.17 19.44 |
| 250 251 252 253 254 255 | 11/9/2013 11/9/2013 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | 12 9 10 10 10 10 | 55 45 9 17 32 40 | 1.66 8.20 2.54 1.33 0.00 0.00 | 0.00 0.00 2.96 0.00 0.00 0.00 | 1.11 0.00 8.47 0.00 0.00 0.46 | 4.44 0.00 18.20 0.00 0.00 4.64 | 5.47 26.24 0.00 2.49 14.39 | 5.47 17.78 0.00 7.96 35.27 | 4.10 12.70 0.00 15.42 30.63 | 2.73 4.23 0.00 16.91 10.21 | 1.37 0.85 0.00 15.91 2.32 | 0.00 0.85 3.98 6.96 0.00 | 0.55 9.57 2.54 26.53 14.92 0.00 | 3.33 63.08 2.65 68.17 19.44 2.08 |
| 250 251 252 253 254 255 256 | 11/9/2013 11/9/2013 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | 12 9 10 10 10 10 10 | 55 45 9 17 32 40 48 | 1.66 8.20 2.54 1.33 0.00 0.00 0.00 | 0.00 0.00 2.96 0.00 0.00 0.00 0.00 | 1.11 0.00 8.47 0.00 0.00 0.46 0.00 | 4.44 0.00 18.20 0.00 0.00 4.64 2.35 | 5.47 26.24 0.00 2.49 14.39 15.48 | 5.47 17.78 0.00 7.96 35.27 36.11 | 4.10 12.70 0.00 15.42 30.63 33.77 | 2.73 4.23 0.00 16.91 10.21 9.38 | 1.37 0.85 0.00 15.91 2.32 0.94 | 0.00 0.85 3.98 6.96 0.00 0.00 | 0.55 9.57 2.54 26.53 14.92 0.00 0.00 | 63.08 2.65 68.17 19.44 2.08 1.97 |

| 257 | 5/12/2014 | 10 | 55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.10 | 10.22 | 10.71 | 10.22 | 2.29 | 0.74 | 52.24 |
|---|---|--|--|---|--|--|--|---|--|---|---|--|--|--|--|
| | 5/15/2014 | 10 | 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.18 | 10.55 | 12./1 | 10.55 | 2.38 | 8.74 | 52.54 |
| 258 | 5/13/2014 | 11 | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.89 | 4.47 | 17.44 | 28.62 | 13.86 | 5.81 | 8.50 | 20.41 |
| 259 | 5/13/2014 | 11 | 17 | 0.00 | 0.00 | 2.36 | 8.48 | 21.20 | 23.08 | 16.02 | 3.30 | 0.00 | 0.94 | 8.95 | 15.69 |
| 260 | 5/13/2014 | 11 | 29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8 25 | 91.75 |
| 260 | 5/12/2014 | 11 | 40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.59 | 99.42 |
| 201 | 3/13/2014 | 11 | 40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.38 | 00.42 |
| 262 | 5/13/2014 | 11 | 45 | 0.00 | 0.00 | 0.00 | 1.07 | 4.28 | 12.83 | 19.24 | 5.34 | 2.67 | 3.21 | 15.50 | 35.87 |
| 263 | 5/13/2014 | 11 | 58 | 0.00 | 0.00 | 0.00 | 0.00 | 1.29 | 4.50 | 7.07 | 3.21 | 3.86 | 4.50 | 29.56 | 46.02 |
| 264 | 5/13/2014 | 12 | 4 | 0.00 | 0.00 | 0.00 | 0.86 | 5.61 | 16.82 | 24.59 | 11.65 | 7.33 | 5.18 | 14.67 | 13.29 |
| 265 | 5/12/2014 | 12 | 14 | 0.00 | 0.00 | 1.17 | 2.02 | 8 20 | 17.58 | 26.27 | 12.80 | 2.52 | 1.76 | 7.62 | 17.06 |
| 203 | 3/13/2014 | 12 | 14 | 0.00 | 0.00 | 1.17 | 2.95 | 8.20 | 17.38 | 20.57 | 12.89 | 3.32 | 1.70 | 7.02 | 17.90 |
| 266 | 5/13/2014 | 12 | 28 | 0.00 | 0.00 | 0.64 | 0.64 | 3.19 | 11.48 | 21.06 | 10.21 | 3.83 | 1.91 | 16.59 | 30.45 |
| 267 | 5/13/2014 | 12 | 38 | 0.00 | 0.00 | 0.00 | 1.11 | 4.82 | 21.11 | 23.34 | 9.26 | 7.04 | 3.70 | 15.56 | 14.06 |
| 268 | 5/13/2014 | 12 | 48 | 0.00 | 0.00 | 0.00 | 3 22 | 12.24 | 25 77 | 15 46 | 1.93 | 0.00 | 1.93 | 12.89 | 26.55 |
| 200 | 5/13/2014 | 12 | 50 | 0.00 | 0.00 | 0.00 | 1.07 | 4.70 | 22.00 | 22.50 | 7.00 | 4.70 | 2.12 | 7.46 | 15.21 |
| 269 | 5/15/2014 | 12 | 38 | 0.00 | 0.00 | 0.00 | 1.07 | 4.79 | 22.90 | 33.30 | 7.99 | 4.79 | 2.13 | /.40 | 15.31 |
| 270 | 5/13/2014 | 13 | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.05 | 84.95 |
| 271 | 5/13/2014 | 13 | 17 | 0.00 | 0.00 | 0.00 | 0.00 | 2.67 | 20.28 | 22.42 | 6.94 | 5.34 | 4.27 | 14.41 | 23.67 |
| 272 | 5/13/2014 | 13 | 29 | 0.00 | 0.00 | 0.00 | 3.05 | 18 91 | 29.89 | 15.86 | 2 44 | 1 22 | 1.83 | 7 32 | 19 49 |
| 272 | 5/13/2014 | 12 | 20 | 0.00 | 0.00 | 0.00 | 1.94 | 12.27 | 27.62 | 15.00 | 2.11 | 2.45 | 2.07 | 12.80 | 22.06 |
| 273 | 5/15/2014 | 15 | 39 | 0.00 | 0.00 | 0.00 | 1.64 | 12.27 | 27.02 | 13.34 | 2.43 | 2.43 | 3.07 | 12.89 | 22.00 |
| 274 | 5/13/2014 | 13 | 45 | 45.30 | 4.15 | 3.02 | 4.15 | 6.42 | 11.33 | 12.08 | 4.53 | 1.51 | 0.76 | 2.27 | 4.49 |
| 275 | 5/13/2014 | 14 | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.49 | 17.83 | 21.94 | 8.91 | 2.74 | 11.66 | 31.43 |
| 276 | 5/13/2014 | 14 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 1 75 | 15.18 | 51.96 | 18 68 | 3 50 | 0.00 | 0.00 | 8 93 |
| 277 | 5/13/2014 | 14 | 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3 23 | 11.31 | 18.86 | 9.16 | 5.03 | 10.03 | 31.58 |
| 277 | 5/13/2014 | 14 | 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.23 | 11.31 | 18.80 | 9.10 | 3.93 | 19.93 | 51.58 |
| 278 | 5/13/2014 | 14 | 30 | 0.00 | 0.00 | 0.00 | 2.20 | 19.23 | 41.22 | 22.53 | 3.85 | 2.20 | 0.00 | 1.65 | 7.13 |
| 279 | 5/13/2014 | 14 | 40 | 0.00 | 0.00 | 0.55 | 3.32 | 17.15 | 39.83 | 25.45 | 5.53 | 1.11 | 0.00 | 0.55 | 6.50 |
| 280 | 5/13/2014 | 14 | 54 | 1.97 | 0.00 | 0.00 | 0.00 | 6.39 | 31.46 | 37.85 | 10.32 | 2.46 | 0.00 | 2.46 | 7.08 |
| 281 | 5/13/2014 | 15 | 4 | 0.00 | 0.00 | 0.00 | 2.51 | 13 39 | 42.28 | 36.00 | 4 1 9 | 0.00 | 0.00 | 0.00 | 1.63 |
| 201 | 5/12/2014 | 15 | 10 | 0.00 | 0.00 | 1 72 | 4.20 | 15.00 | 12.20 | 22.00 | 10.90 | 5 10 | 2.50 | 5 10 | 7 54 |
| 282 | 5/15/2014 | 13 | 10 | 0.80 | 0.00 | 1./3 | 4.32 | 15.98 | 23.70 | 22.03 | 10.80 | 3.18 | 2.39 | 3.18 | /.30 |
| 283 | 5/13/2014 | 15 | 18 | 0.00 | 0.00 | 0.00 | 0.93 | 3.24 | 5.56 | 21.76 | 22.22 | 14.35 | 6.48 | 11.57 | 13.90 |
| 284 | 5/13/2014 | 15 | 24 | 0.00 | 0.00 | 0.00 | 0.00 | 1.88 | 7.06 | 28.26 | 36.74 | 12.72 | 4.24 | 2.83 | 6.28 |
| 285 | 5/13/2014 | 15 | 32 | 4.37 | 5.57 | 6.36 | 9.94 | 17.50 | 30.22 | 18.29 | 4.37 | 1.59 | 0.00 | 0.00 | 1.79 |
| 286 | 5/13/2014 | 15 | 12 | 2.03 | 0.00 | 1.53 | 2.03 | 9.66 | 24 01 | 43.22 | 11 10 | 2.03 | 0.00 | 0.00 | 3 30 |
| 200 | 5/13/2014 | 15 | 42 | 2.03 | 1.00 | 1.53 | 2.03 | 7.00 | 24.71 10.20 | -J.22 | 17.19 | 2.03 | 1.00 | 0.00 | 5.39 |
| 287 | 5/15/2014 | 15 | 48 | 0.00 | 1.23 | 5.68 | 0.54 | 12.67 | 18.39 | 55.10 | 17.16 | 4.49 | 1.23 | 0.00 | 1.52 |
| 288 | 5/13/2014 | 15 | 54 | 0.00 | 0.00 | 2.80 | 7.47 | 18.21 | 32.21 | 23.81 | 9.34 | 3.27 | 0.00 | 0.00 | 2.89 |
| 289 | 5/13/2014 | 16 | 0 | 0.00 | 1.34 | 5.37 | 13.42 | 25.05 | 30.42 | 16.10 | 3.58 | 1.34 | 0.00 | 0.45 | 2.93 |
| 290 | 5/13/2014 | 16 | 5 | 0.00 | 0.00 | 1.11 | 5 5 5 | 23 30 | 43.28 | 18.86 | 1.11 | 0.00 | 0.00 | 0.00 | 6 79 |
| 201 | 5/12/2014 | 16 | 12 | 12.27 | 0.00 | 2.06 | 4.05 | 17.21 | 20.27 | 10.00 | 4.05 | 0.00 | 1.24 | 1.24 | 5.20 |
| 291 | 5/15/2014 | 16 | 15 | 12.37 | 0.00 | 2.06 | 4.95 | 17.31 | 29.27 | 18.90 | 4.95 | 2.47 | 1.24 | 1.24 | 5.20 |
| 292 | 5/13/2014 | 16 | 18 | 0.00 | 0.00 | 0.00 | 2.64 | 15.42 | 36.56 | 26.87 | 5.73 | 2.20 | 1.32 | 1.76 | 7.51 |
| 293 | 5/13/2014 | 16 | 24 | 0.00 | 0.00 | 2.09 | 7.09 | 20.44 | 30.04 | 24.61 | 10.01 | 2.50 | 0.42 | 0.00 | 2.80 |
| 294 | 5/13/2014 | 16 | 36 | 0.00 | 0.00 | 0.00 | 3 30 | 12.64 | 27.49 | 38.48 | 11.54 | 4 40 | 0.00 | 0.00 | 2 14 |
| 205 | 5/13/2014 | 16 | 40 | 0.00 | 0.00 | 0.00 | 0.00 | 2.01 | 15.06 | 27.14 | 21.59 | 0.04 | 2.51 | 1.51 | 0.15 |
| 293 | 5/15/2014 | 10 | 40 | 0.00 | 0.00 | 0.00 | 0.00 | 5.01 | 13.00 | 37.14 | 21.38 | 9.04 | 3.31 | 1.31 | 9.13 |
| 296 | 5/13/2014 | 16 | 46 | 0.00 | 0.00 | 1.43 | 3.34 | 11.46 | 30.55 | 33.89 | 10.98 | 4.77 | 0.95 | 0.00 | 2.62 |
| 297 | 5/13/2014 | 16 | 50 | 0.00 | 0.00 | 0.46 | 1.84 | 7.84 | 21.21 | 43.81 | 17.06 | 4.15 | 1.38 | 0.00 | 2.23 |
| 298 | 5/13/2014 | 16 | 55 | 1.61 | 3.75 | 4.82 | 8.03 | 15.00 | 25.17 | 26.24 | 9.11 | 3.21 | 0.00 | 0.00 | 3.06 |
| 200 | 5/13/2014 | 17 | 1 | 0.00 | 3.57 | 8 / 8 | 15.17 | 25.43 | 24.98 | 16.06 | 3 57 | 0.80 | 0.00 | 0.00 | 1.86 |
| 200 | 5/13/2014 | 17 | 1 | 0.00 | 5.57 | 0.40 | 15.17 | 23.43 | 24.70 | 10.00 | 5.51 | 0.07 | 0.00 | 0.00 | 25.27 |
| 300 | 5/13/2014 | 1/ | 5 | 0.00 | 0.00 | 0.00 | 2.42 | 11.48 | 17.52 | 11.48 | 6.64 | 7.25 | 3.62 | 4.23 | 35.37 |
| 301 | 5/13/2014 | 17 | 11 | 0.00 | 0.44 | 2.20 | 8.80 | 25.08 | 32.12 | 22.44 | 5.72 | 1.32 | 0.00 | 0.00 | 1.89 |
| 302 | 5/13/2014 | 17 | 30 | 0.00 | 1.53 | 3.56 | 7.63 | 15.26 | 32.04 | 28.48 | 7.63 | 2.03 | 0.00 | 0.00 | 1.85 |
| 303 | 5/13/2014 | 17 | 35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5 34 | 25.34 | 31.12 | 25.79 | 4 89 | 2.22 | 5 29 |
| 204 | 5/13/2014 | 17 | 33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 25.54 | 2.07 | 23.77 | 7.07 | 15.51 | 72.09 |
| 304 | 3/13/2014 | 1/ | 44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.07 | 3.10 | 7.24 | 15.51 | /2.08 |
| | 5/15/2011 | | | 0 0 0 | ~ ~ ~ ~ | 2.08 | 5 71 | 15.57 | 25.96 | 26.99 | 14.54 | 5 71 | 0.52 | 0.00 | 2.92 |
| 305 | 5/13/2014 | 17 | 53 | 0.00 | 0.00 | 2.00 | ÷., | | | 20.77 | | 5.71 | 0.52 | 0.00 | |
| 305 306 | 5/13/2014 5/14/2014 | 17 17 | 53 0 | 2.33 | 0.00 | 3.50 | 5.84 | 16.73 | 28.79 | 29.96 | 8.17 | 1.56 | 0.00 | 0.00 | 1.17 |
| 305 306 307 | 5/13/2014 5/14/2014 5/14/2014 | 17 17 17 | 53 0 11 | 0.00 2.33 0.00 | 0.00 | 3.50 | 5.84 | 16.73 | 28.79 | 29.96 | 8.17 | 1.56 | 0.00 | 0.00 | 1.17 |
| 305 306 307 | 5/13/2014 5/13/2014 5/14/2014 5/14/2014 5/14/2014 | 17 17 17 | 53 0 11 | 0.00 2.33 0.00 | 0.00 1.95 0.00 1.12 | 3.50 0.00 | 5.84 3.01 | 16.73 22.18 | 28.79 46.99 | 29.96 24.44 8.22 | 8.17 2.26 | 1.56 0.00 | 0.00 | 0.00 | 1.17 1.13 |
| 305 306 307 308 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 | 17 17 17 17 | 53 0 11 17 | 0.00 2.33 0.00 0.00 | 0.00 1.95 0.00 1.12 | 3.50 0.00 5.98 | 5.84 3.01 17.18 | 16.73 22.18 32.12 | 28.79 46.99 32.87 | 29.96 24.44 8.22 | 8.17 2.26 1.12 | 1.56 0.00 0.00 | 0.00 0.00 0.00 | 0.00 0.00 0.00 | 1.17 1.13 1.40 |
| 305 306 307 308 309 | 5/13/2014 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 | 17 17 17 17 17 | 53 0 11 17 20 | 0.00 2.33 0.00 0.00 0.00 | 0.00 1.95 0.00 1.12 0.00 | 2.08 3.50 0.00 5.98 5.79 | 5.84 3.01 17.18 21.72 | 16.73 22.18 32.12 38.13 | 28.79 46.99 32.87 26.07 | 29.96 24.44 8.22 5.79 | 8.17 2.26 1.12 0.97 | 1.56 0.00 0.00 0.00 | 0.00 0.00 0.00 0.00 | 0.00 0.00 0.00 0.00 0.00 | 1.17 1.13 1.40 1.53 |
| 305 306 307 308 309 310 | 5/13/2014 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 | 17 17 17 17 17 17 17 | 53 0 11 17 20 24 | 0.00 2.33 0.00 0.00 0.00 0.00 | 0.00 1.95 0.00 1.12 0.00 1.01 | 2.08 3.50 0.00 5.98 5.79 1.01 | 5.84 3.01 17.18 21.72 1.51 | 16.73 22.18 32.12 38.13 6.05 | 28.79 46.99 32.87 26.07 22.18 | 29.96 24.44 8.22 5.79 43.86 | 8.17 2.26 1.12 0.97 18.15 | 1.56 0.00 0.00 0.00 4.03 | 0.02 0.00 0.00 0.00 0.00 0.00 | 0.00 0.00 0.00 0.00 0.00 0.00 | 1.17 1.13 1.40 1.53 2.20 |
| 305 306 307 308 309 310 311 | 5/13/2014 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 | 17 17 17 17 17 17 17 7 | 53 0 11 17 20 24 58 | 0.00 2.33 0.00 0.00 0.00 0.00 0.00 | 0.00 1.95 0.00 1.12 0.00 1.01 0.50 | 2.08 3.50 0.00 5.98 5.79 1.01 1.49 | 5.84 3.01 17.18 21.72 1.51 9.90 | 16.73 22.18 32.12 38.13 6.05 34.65 | 28.79 46.99 32.87 26.07 22.18 32.67 | 29.96 24.44 8.22 5.79 43.86 12.38 | 8.17 2.26 1.12 0.97 18.15 3.47 | 1.56 0.00 0.00 4.03 1.98 | 0.00 0.00 0.00 0.00 0.00 0.00 0.50 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 1.17 1.13 1.40 1.53 2.20 2.48 |
| 305 306 307 308 309 310 311 312 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 17 7 8 | 53 0 11 17 20 24 58 7 | 0.00 2.33 0.00 0.00 0.00 0.00 0.00 0.00 | 0.00 1.95 0.00 1.12 0.00 1.01 0.50 6.72 | 2.08 3.50 0.00 5.98 5.79 1.01 1.49 9.86 | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 | $ \begin{array}{r} 3.71 \\ 1.56 \\ 0.00 \\ 0.00 \\ 4.03 \\ 1.98 \\ 4.48 \end{array} $ | 0.00 0.00 0.00 0.00 0.00 0.00 0.50 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 1.34 | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 |
| 305 306 307 308 309 310 311 312 212 | 5/13/2014 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 17 7 8 | 53 0 11 17 20 24 58 7 | 0.00 2.33 0.00 0.00 0.00 0.00 0.00 0.00 3.59 14.85 | 0.00 1.95 0.00 1.12 0.00 1.01 0.50 6.72 0.90 | 2.03 3.50 0.00 5.98 5.79 1.01 1.49 9.86 | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 | 3.71 1.56 0.00 0.00 4.03 1.98 4.48 2.61 | 0.00 0.00 0.00 0.00 0.00 0.00 0.50 1.79 2.01 | 0.00 0.00 0.00 0.00 0.00 0.00 1.34 | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 |
| 305 306 307 308 309 310 311 312 313 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 17 7 8 8 | 53 0 11 17 20 24 58 7 14 | 0.00 2.33 0.00 0.00 0.00 0.00 0.00 3.59 14.85 1.52 | 0.00 1.95 0.00 1.12 0.00 1.01 0.50 6.72 0.80 1.21 | 2.00 3.50 0.00 5.98 5.79 1.01 1.49 9.86 0.80 | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 | 3.71 1.56 0.00 0.00 0.00 4.03 1.98 4.48 3.61 | 0.00 0.00 0.00 0.00 0.00 0.00 0.50 1.79 2.01 0.75 | 0.00 0.00 0.00 0.00 0.00 0.00 1.34 1.20 | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 |
| 305 306 307 308 309 310 311 312 313 314 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 17 7 8 8 8 8 8 | 53 0 11 17 20 24 58 7 14 23 | $\begin{array}{c} 0.00\\ \hline 2.33\\ \hline 0.00\\ \hline 0.00\\ \hline 0.00\\ \hline 0.00\\ \hline 0.00\\ \hline 3.59\\ \hline 14.85\\ \hline 1.53\\ \end{array}$ | 0.00 1.95 0.00 1.12 0.00 1.01 0.50 6.72 0.80 1.91 | $\begin{array}{r} 2.08\\ \hline 3.50\\ \hline 0.00\\ \hline 5.98\\ \hline 5.79\\ \hline 1.01\\ \hline 1.49\\ \hline 9.86\\ \hline 0.80\\ \hline 2.67\end{array}$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 | $\begin{array}{r} 3.71 \\ \hline 1.56 \\ 0.00 \\ \hline 0.00 \\ 0.00 \\ \hline 4.03 \\ \hline 1.98 \\ 4.48 \\ \hline 3.61 \\ \hline 5.35 \end{array}$ | 0.32 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.50 1.79 2.01 0.76 | $\begin{array}{c} 0.300\\ \hline 0.00\\ \hline 0.00\\ \hline 0.00\\ \hline 0.00\\ \hline 0.00\\ \hline 1.34\\ \hline 1.20\\ \hline 0.76\\ \end{array}$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 |
| 305 306 307 308 309 310 311 312 313 314 315 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 17 7 8 8 8 8 8 8 8 | 53 0 11 17 20 24 58 7 14 23 37 | $\begin{array}{c} 0.00 \\ 2.33 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 3.59 \\ 14.85 \\ 1.53 \\ 1.46 \\ \end{array}$ | 0.00 1.95 0.00 1.12 0.00 1.01 0.50 6.72 0.80 1.91 0.73 | $\begin{array}{c} 2.08\\ \hline 3.50\\ \hline 0.00\\ \hline 5.98\\ \hline 5.79\\ \hline 1.01\\ \hline 1.49\\ \hline 9.86\\ \hline 0.80\\ \hline 2.67\\ \hline 1.10\\ \end{array}$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 | $\begin{array}{r} 5.71 \\ \hline 1.56 \\ \hline 0.00 \\ \hline 0.00 \\ \hline 0.00 \\ \hline 4.03 \\ \hline 1.98 \\ \hline 4.48 \\ \hline 3.61 \\ \hline 5.35 \\ \hline 0.73 \\ \hline \end{array}$ | 0.32 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.50 1.79 2.01 0.76 0.00 | $\begin{array}{c} 0.30\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.34\\ 1.20\\ 0.76\\ 0.00\\ \end{array}$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 |
| 305 306 307 308 309 310 311 312 313 314 315 316 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 17 7 8 8 8 8 8 8 8 8 8 | 53 0 11 17 20 24 58 7 14 23 37 46 | $\begin{array}{c} 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 3.59\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ \end{array}$ | 0.00 1.95 0.00 1.12 0.00 1.01 0.50 6.72 0.80 1.91 0.73 0.00 | $\begin{array}{c} 2.508\\ \hline 3.50\\ \hline 0.00\\ \hline 5.98\\ \hline 5.79\\ \hline 1.01\\ \hline 1.49\\ \hline 9.86\\ \hline 0.80\\ \hline 2.67\\ \hline 1.10\\ \hline 0.88\\ \end{array}$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 | $\begin{array}{c} 16.73\\ 22.18\\ 32.12\\ 38.13\\ 6.05\\ 34.65\\ 14.79\\ 10.44\\ 16.81\\ 10.60\\ 4.41\\ \end{array}$ | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 | $\begin{array}{c} 5.71\\ 1.56\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ \end{array}$ | $\begin{array}{c} 0.32\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.50\\ 1.79\\ 2.01\\ 0.76\\ 0.00\\ 0.00\\ \end{array}$ | $\begin{array}{c} 0.30\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.34\\ 1.20\\ 0.76\\ 0.00\\ 0.00\\ \end{array}$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 17 7 8 8 8 8 8 8 8 8 8 | 53 0 11 17 20 24 58 7 14 23 37 46 53 | $\begin{array}{c} 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 3.59\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ \end{array}$ | 0.00 1.95 0.00 1.12 0.00 1.01 0.50 6.72 0.80 1.91 0.73 0.00 1.81 | $\begin{array}{c} 2.58\\ \hline 3.50\\ \hline 0.00\\ \hline 5.98\\ \hline 5.79\\ \hline 1.01\\ \hline 1.49\\ \hline 9.86\\ \hline 0.80\\ \hline 2.67\\ \hline 1.10\\ \hline 0.88\\ \hline 4.08\\ \end{array}$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 | $\begin{array}{c} 16.73\\ 16.73\\ 22.18\\ 32.12\\ 38.13\\ 6.05\\ 34.65\\ 14.79\\ 10.44\\ 16.81\\ 10.60\\ 4.41\\ 14.49\\ \end{array}$ | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 | $\begin{array}{c} 5.71\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\end{array}$ | 0.00 0.00 0.00 0.00 0.00 0.50 1.79 2.01 0.76 0.00 0.00 0.00 0.91 | $\begin{array}{c} 0.30\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.34\\ 1.20\\ 0.76\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 7 8 8 8 8 8 8 8 8 8 8 | 53 0 11 17 20 24 58 7 14 23 37 46 53 0 | $\begin{array}{c} 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 3.59\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\end{array}$ | 0.00 1.95 0.00 1.12 0.00 1.01 0.50 6.72 0.80 1.91 0.73 0.00 1.81 5.37 | $\begin{array}{c} 2.38\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\end{array}$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 | $\begin{array}{c} 16.73\\ 22.18\\ 32.12\\ 38.13\\ 6.05\\ 34.65\\ 14.79\\ 10.44\\ 16.81\\ 10.60\\ 4.41\\ 14.49\\ 17.10\\ \end{array}$ | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 | 3.71 1.56 0.00 0.00 0.00 4.03 1.98 4.48 3.61 5.35 0.73 3.53 2.26 2.93 | $\begin{array}{c} 0.02\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.50\\ 1.79\\ 2.01\\ 0.76\\ 0.00\\ 0.00\\ 0.91\\ 0.00\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.34\\ 1.20\\ 0.76\\ 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 17 7 8 8 8 8 8 8 8 8 8 | 53 0 11 17 20 24 58 7 14 23 37 46 53 0 | $\begin{array}{c} 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 3.59\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.$ | $\begin{array}{c} 0.00 \\ 1.95 \\ 0.00 \\ 1.12 \\ 0.00 \\ 1.01 \\ 0.50 \\ 6.72 \\ 0.80 \\ 1.91 \\ 0.73 \\ 0.00 \\ 1.81 \\ 5.37 \\ 0.22 \\ \end{array}$ | $\begin{array}{c} 2.88\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\end{array}$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 | 5.71 1.56 0.00 0.00 4.03 1.98 4.48 3.61 5.35 0.73 3.53 2.26 2.93 0.22 | 0.00 0.00 0.00 0.00 0.00 0.00 0.50 1.79 2.01 0.76 0.00 0.00 0.91 0.00 | 0.00 0.00 0.00 0.00 0.00 0.00 1.34 1.20 0.76 0.00 0.00 0.00 0.00 | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 17 7 8 8 8 8 8 8 8 8 8 | $ \begin{array}{r} 53\\ 0\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 14\\ 23\\ 37\\ 46\\ 53\\ 0\\ 6\\ 6\\ 6\\ 5\end{array} $ | 0.00 2.33 0.00 0.00 0.00 0.00 0.00 0.00 0.00 14.85 1.53 1.46 0.00 9.97 21.98 0.00 0.22 | 0.00 1.95 0.00 1.12 0.00 1.01 0.50 6.72 0.80 1.91 0.73 0.00 1.81 5.37 0.00 0.57 | $\begin{array}{c} 2.80\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 9.12\\ 0.52\\$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 | 29.96 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.99 25.60 37.27 50.70 23.55 12.21 6.94 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 0.99 | $\begin{array}{c} 3.71\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.52\\ \end{array}$ | 0.00 0.00 0.00 0.00 0.00 0.50 1.79 2.01 0.76 0.00 0.00 0.00 0.91 0.00 0.00 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 2.67 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 17 7 8 8 8 8 8 8 8 8 8 | $\begin{array}{c} 53\\ 0\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 14\\ 23\\ 37\\ 46\\ 53\\ 0\\ 6\\ 17\\ \end{array}$ | $\begin{array}{c} 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 3.59\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.92\\ \end{array}$ | $\begin{array}{c} 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 2.76\\ \end{array}$ | $\begin{array}{c} 2.50\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 9.19\end{array}$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 24.35 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 22.05 | 29.96 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 0.99 5.97 | $\begin{array}{c} 3.71\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ \hline 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 0.00\\ 4.59\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.50\\ 1.79\\ 2.01\\ 0.76\\ 0.00\\ 0.00\\ 0.91\\ 0.00\\ 0.92\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.34\\ 1.20\\ 0.76\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.92\\ \end{array}$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 | 2) 5) 22014 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 7 8 8 8 8 8 8 8 8 8 8 | $\begin{array}{c} 53\\ 0\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 14\\ 23\\ 37\\ 46\\ 53\\ 0\\ 6\\ 17\\ 27\\ \end{array}$ | $\begin{array}{c} 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 3.59\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ \end{array}$ | $\begin{array}{c} 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 2.76\\ 1.43\\ \end{array}$ | $\begin{array}{c} 2.80\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 9.19\\ 2.85\\ \end{array}$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 14.24 7.84 | $\begin{array}{c} 16.73\\ 22.18\\ 32.12\\ 38.13\\ 6.05\\ 34.65\\ 14.79\\ 10.44\\ 16.81\\ 10.60\\ 4.41\\ 14.49\\ 17.10\\ 41.15\\ 24.35\\ 21.39\\ \end{array}$ | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 22.05 31.01 | 29.96 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 0.99 0.99 0.99 5.97 6.06 | $\begin{array}{c} 3.71\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ \end{array}$ | 0.00 0.00 0.00 0.00 0.00 0.50 1.79 2.01 0.76 0.00 0.00 0.91 0.00 0.00 0.92 1.07 | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.34\\ 1.20\\ 0.76\\ 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 7 8 8 8 8 8 8 8 8 8 8 | $\begin{array}{c} 53\\ 0\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 14\\ 23\\ 37\\ 46\\ 53\\ 0\\ 6\\ 17\\ 27\\ 33\\ \end{array}$ | $\begin{array}{c} 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 3.59\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ \end{array}$ | $\begin{array}{c} 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 2.76\\ 1.43\\ 0.00\\ \end{array}$ | $\begin{array}{c} 2.50\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 9.19\\ 2.85\\ 0.98\\ \end{array}$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 24.35 21.39 11.76 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 27.63 20.03 31.73 22.05 31.01 29.88 | 29.96 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 23.55 12.21 6.94 11.02 23.17 37.23 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 0.99 5.97 6.06 6.06 | $\begin{array}{c} 3.71\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.79\\ 2.01\\ 0.76\\ 0.00\\ 0.91\\ 0.00\\ 0.91\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.34\\ 1.20\\ 0.76\\ 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 7 8 8 8 8 8 8 8 8 8 8 | 53 0 111 17 20 24 58 7 7 14 23 37 46 53 0 0 6 17 27 33 8 | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 3.59\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 2.46\\ \end{array}$ | $\begin{array}{c} 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 2.76\\ 1.43\\ 0.00\\ 1.23\\ \end{array}$ | $\begin{array}{c} 2.50\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 9.19\\ 2.85\\ 0.98\\ 2.05\\ \end{array}$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 7.84 2.94 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 24.35 21.39 11.76 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 22.05 31.01 29.88 25.46 | 29.96 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 0.99 5.97 6.06 11.27 2.3 | $\begin{array}{c} 3.71\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.50\\ 1.79\\ 2.01\\ 0.76\\ 0.00\\ 0.00\\ 0.91\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.41\\ \end{array}$ | $\begin{array}{c} 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 1.45 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 7 8 8 8 8 8 8 8 8 8 8 | 53 0 111 20 24 58 7 14 53 37 46 53 0 6 6 17 27 33 38 8 44 | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 2.46\\ 0.00\\ 0.92\\ 0.02\\ 0.00\\ 0.92\\ 0.00$ | $\begin{array}{c} 0.00\\ 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 2.76\\ 1.43\\ 0.00\\ 1.23\\ 0.00\\$ | 2.50 3.50 0.00 5.98 5.79 1.01 1.49 9.86 0.80 2.67 1.10 0.88 4.08 6.35 2.97 9.19 2.85 0.98 2.05 | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 14.2 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 24.35 21.39 11.76 10.27 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 22.05 31.01 29.88 25.46 21.01 29.88 | 29.96 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 0.99 5.97 6.06 11.27 12.73 6.22 | 3.71 1.56 0.00 0.00 0.00 4.03 1.98 4.48 3.61 5.35 0.73 3.53 2.26 2.93 0.00 4.59 2.14 3.92 3.29 3.29 | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.50\\ 1.79\\ 2.01\\ 0.76\\ 0.00\\ 0.00\\ 0.00\\ 0.91\\ 0.00\\ 0.91\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.42\\ 0.00\\ 0.92\\$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.34\\ 1.20\\ 0.76\\ 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 1.45 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 324 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 7 8 8 8 8 8 8 8 8 8 8 | 53 0 11 20 24 58 7 14 23 37 46 53 0 6 17 27 23 33 38 44 | 0.00 2.33 0.00 0.00 0.00 0.00 3.59 14.85 1.53 1.46 0.00 9.97 21.98 0.00 0.92 1.07 0.00 0.246 0.00 | 0.00 1.95 0.00 1.12 0.00 1.01 0.50 6.72 0.80 1.91 0.73 0.00 1.81 5.37 0.00 2.76 1.43 0.00 1.23 0.00 0.01 1.25 0.00 0.01 0.00 0.01 0.01 0.00 0.01 0.01 0.00 0.00 0.01 0.00 0.01 0.00 0.00 0.00 0.01 0.00 0.2.76 1.43 0.00 0.2.3 0.00 0.2.76 1.43 0.00 0.2.3 0.00 0.2.76 0.2.3 0.00 0.2.76 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.76 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.76 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.76 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.76 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.75 0.2.3 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.75 0.2.3 0.2.3 0.00 0.2.75 0.2.3 0.00 0.2.75 0.2.3 0.2.3 0.2.3 0.00 0.2.3 0.2.3 0.00 0.2.3 0.2.3 0.00 0.2.3 0.2.3 0.00 0.2.3 0.00 0.2.3 0.00 0.2.3 0.00 0.2.3 0.00 0.2.3 0.00 0.2.3 0.00 0.2.3 0.00 0.2.3 0.00 | 2.50 3.50 0.00 5.98 5.79 1.01 1.49 9.86 0.80 2.67 1.10 0.88 4.08 6.35 2.97 9.19 2.85 0.98 2.05 0.00 | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 3.29 1.39 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 24.35 21.39 11.76 10.27 13.39 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.98 38.73 18.52 27.63 20.03 31.73 22.05 31.01 29.88 25.46 39.72 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 35.10 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 0.99 5.97 6.06 11.27 12.73 6.93 | $\begin{array}{c} 3.71\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 1.85\\ 3.29\\ 1.85\\ 3.55\\ \end{array}$ | 0.00 0.00 0.00 0.00 0.00 0.00 0.50 1.79 2.01 0.76 0.00 0.00 0.91 0.00 0.91 0.00 0.92 1.07 0.00 0.41 0.00 0.55 0.00 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.76 0.00 | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 1.45 1.63 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 320 321 322 323 324 325 | 2)13/2014 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 7 8 8 8 8 8 8 8 8 8 8 | 53 0 111 17 20 24 58 7 14 23 7 7 14 23 37 7 6 6 53 0 6 6 7 7 7 7 33 38 8 44 450 | $\begin{array}{c} 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 3.59\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 1.07\\ 0.00\\ 2.46\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$ | $\begin{array}{c} 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 2.76\\ 1.43\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 0.00\\ 1.77\\ \end{array}$ | $\begin{array}{c} 2.85\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 9.19\\ 2.85\\ 0.98\\ 2.05\\ 0.00\\ 3.09\end{array}$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 3.29 1.39 7.06 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 24.35 21.39 11.76 10.27 13.39 16.77 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 22.05 31.01 29.88 25.46 39.72 36.64 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 35.10 29.13 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 0.99 5.97 6.06 11.27 12.73 6.93 3.53 | $\begin{array}{c} 3.76\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.00\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.50\\ 1.79\\ 2.01\\ 0.76\\ 0.00\\ 0.00\\ 0.91\\ 0.00\\ 0.91\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.41\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$ | $\begin{array}{c} 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 1.45 1.63 2.01 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 17 17 7 8 8 8 8 8 8 8 | 53 0 111 17 20 24 58 7 7 14 23 37 46 53 0 6 53 0 6 6 17 27 33 38 44 45 58 | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 3.59\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 2.46\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$ | 0.00 1.95 0.00 1.12 0.00 1.01 0.50 6.72 0.80 1.91 0.73 0.00 1.91 0.73 0.00 2.76 1.43 0.00 1.23 0.00 1.77 1.45 | $\begin{array}{c} 2.80\\ 3.50\\ \hline 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 9.19\\ 2.85\\ 0.98\\ 2.05\\ 0.00\\ 3.09\\ 6.26\end{array}$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.82 14.38 14.24 7.82 14.38 14.24 7.82 14.39 7.06 20.71 | $\begin{array}{c} 16.73\\ 22.18\\ 33.13\\ 6.05\\ 34.65\\ 14.79\\ 10.44\\ 16.81\\ 10.60\\ 4.41\\ 14.49\\ 17.10\\ 41.15\\ 24.35\\ 21.39\\ 11.76\\ 10.27\\ 13.39\\ 16.77\\ 33.24 \end{array}$ | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 38.73 18.52 27.63 20.03 31.73 22.05 31.01 29.88 25.46 39.72 36.64 20.23 | 29.96 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 35.10 29.13 5.30 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 0.99 5.97 6.06 11.27 12.73 6.93 3.53 2.89 | $\begin{array}{c} 3.76\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 0.73\\ 3.53\\ 2.26\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.00\\ 3.37\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.50\\ 1.79\\ 2.01\\ 0.76\\ 0.00\\ 0.00\\ 0.91\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.41\\ 0.00\\ 0.41\\ 0.00\\ 0.41\\ 0.00\\ 0.193\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.34\\ 1.20\\ 0.76\\ 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.83 3.07 1.98 2.07 1.63 2.01 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 17 17 8 8 8 8 8 8 8 8 | 53 0 111 17 20 24 58 7 14 23 37 7 46 53 0 6 6 17 27 33 8 44 44 50 58 9 | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 2.46\\ 0.00\\ 0.0$ | 0.00 1.95 0.00 1.12 0.00 1.01 0.50 6.72 0.80 1.91 0.73 0.00 1.81 5.37 0.00 1.81 5.37 0.00 1.43 0.00 1.23 0.00 1.77 1.45 98 | $\begin{array}{c} 2.85\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 9.19\\ 2.85\\ 0.98\\ 2.05\\ 0.00\\ 3.09\\ 6.26\\ 1.495\\ 0.00$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 3.29 1.39 7.06 20.71 11.88 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 24.35 21.39 11.76 10.27 13.39 16.77 33.24 25.73 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 22.05 31.01 29.88 25.46 39.72 36.64 20.75 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 35.10 29.13 5.30 29.13 5.30 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 7.25 4.40 7.25 6.06 11.27 12.73 6.93 3.53 2.89 7.42 | $\begin{array}{c} 3.71\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.00\\ 3.37\\ 3.96\end{array}$ | $\begin{array}{c} 0.00\\$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.34\\ 1.20\\ 0.76\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.99\\ 0.99\\ 0.99\\ 0.00\\ 0.99\\ 0.99\\ 0.00\\ 0.99\\ 0.00\\ 0.99\\ 0.99\\ 0.00\\ 0.99\\ 0.99\\ 0.00\\ 0.99\\ 0.99\\ 0.00\\ 0.99\\ 0.00\\ 0.99\\ 0.99\\ 0.00\\ 0.99\\ 0.99\\ 0.00\\ 0.99\\ 0.99\\ 0.00\\ 0.99\\ 0.99\\ 0.00\\ 0.99\\ 0.99\\ 0.00\\ 0.99\\ 0.00\\ 0.99\\ 0.00\\ 0.99\\ 0.00\\ 0.99\\ 0.00\\ 0.99\\ 0.00\\ 0.99\\ 0.00\\ 0.99\\ 0.00\\ 0.99\\ 0.00\\ 0.99\\ 0.00\\ 0.99\\ 0.00\\ 0.00\\ 0.99\\ 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 1.45 1.63 2.01 3.67 3.50 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 17 17 17 17 7 8 8 8 8 | 53 0 11 17 20 24 58 7 14 58 7 14 6 53 37 46 53 0 6 17 27 33 38 44 45 58 9 9 9 15 | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 2.46\\ 0.00\\ 0.0$ | $\begin{array}{c} 0.00\\ 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 2.76\\ 1.43\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.90\\ \end{array}$ | $\begin{array}{c} 2.85\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 6.35\\ 2.97\\ 9.19\\ 2.85\\ 0.98\\ 2.05\\ 0.00\\ 3.09\\ 6.26\\ 4.95\\ 0.00\\ \end{array}$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 3.29 1.39 7.06 20.71 11.88 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 24.35 21.39 11.76 10.27 13.39 16.77 33.24 25.73 8.52 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 27.63 20.03 31.73 22.05 31.01 29.88 25.46 39.72 36.64 20.23 23.75 26.64 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 35.10 29.13 5.30 14.35 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 0.99 5.97 6.06 11.27 12.73 6.93 5.53 2.89 7.42 | $\begin{array}{c} 3.76\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 1.95\\ 0.00\\ 3.37\\ 3.90\\ 1.95\\ 0.01\\$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.50\\ 1.79\\ 2.01\\ 0.76\\ 0.00\\ 0.00\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.41\\ 0.00\\ 0.41\\ 0.00\\ 0.41\\ 0.00\\ 0.92\\ 1.93\\ 0.99\\ 0.90\\$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.34\\ 1.20\\ 0.76\\ 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 1.45 1.63 2.01 3.67 3.50 2.03 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 326 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 17 7 8 8 8 8 8 8 8 8 8 | $\begin{array}{c} 53\\ 0\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 14\\ 23\\ 37\\ 46\\ 53\\ 0\\ 6\\ 17\\ 27\\ 33\\ 8\\ 44\\ 50\\ 58\\ 58\\ 9\\ 15\\ 5\\ 2\\ 3\end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.$ | $\begin{array}{c} 0.00\\ 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.00\\ 0.02\\$ | 2.85 3.50 0.00 5.98 1.01 1.49 9.86 0.80 2.67 1.10 0.80 2.67 1.10 0.88 4.08 6.35 2.97 9.19 2.85 0.90 3.285 0.00 3.09 6.295 0.00 3.096 6.495 0.002 0.295 0.000 3.096 0.295 0.000 3.096 0.295 0.000 0.295 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000000 0.00000000000000000000000000000000000 | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 7.84 2.99 1.39 7.06 20.71 11.88 0.00 1.53 1. | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 24.35 21.39 11.76 10.27 13.39 16.77 33.24 25.73 8.52 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 32.05 31.01 29.88 25.46 39.72 36.64 20.23 23.75 35.08 23.75 23.56 25.64 25.75 25.75 27.64 25.75 25.75 27.63 20.03 25.75 25.75 25.75 25.75 25.75 25.75 25.75 25.75 27.63 20.03 25.75 25.75 25.75 27.63 20.03 25.75 25.75 25.75 25.75 27.63 20.03 25.75 27.63 20.03 25.75 25.75 25.75 25.75 27.63 20.03 25.75 25.75 25.75 25.75 25.75 25.75 25.75 27.63 20.03 25.75 25.75 25.75 25.75 25.75 25.75 25.75 25.75 27.63 20.03 25.75 25.75 25.75 25.75 25.75 25.75 25.75 25.75 25.75 25.75 25.75 25.75 25.75 25.75 25.75 27.63 20.03 25.75 25 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 35.10 29.13 5.30 44.35 41.09 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 7.25 4.40 7.25 4.40 7.25 6.06 11.27 12.73 6.93 3.53 2.89 7.42 10.02 | $\begin{array}{c} 3.76\\ 3.76\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.03\\ 3.37\\ 3.96\\ 3.01\\ 3.96\\ 3.01\\ 2.12\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 3.01\\ 2.12\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 3.01\\ 2.12\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 3.01\\ 0.02\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 3.01\\ 0.02\\ 1.85\\ 0.00\\ 0.02\\$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.91\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 0.00\\ 0.92\\ 0.00\\ 0.92\\ 0.00\\ 0.00\\ 0.92\\ 0.00\\$ | $\begin{array}{c} 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 1.45 1.63 2.01 3.60 2.28 2.28 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 17 7 8 8 8 8 8 8 8 8 8 | 53 0 11 17 20 24 58 7 7 14 46 53 37 46 53 37 46 53 37 46 53 37 46 53 37 46 53 37 46 53 57 58 9 9 58 58 9 15 21 | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.53\\ 1.53\\ 1.46\\ 0.00\\ 0.997\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 2.46\\ 0.00\\ 0.0$ | $\begin{array}{c} 0.00\\ 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 2.76\\ 1.43\\ 0.00\\ 1.23\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$ | $\begin{array}{c} 2.85\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 9.19\\ 2.85\\ 0.98\\ 2.05\\ 0.98\\ 2.05\\ 0.00\\ 3.09\\ 6.26\\ 4.95\\ 0.00\\ 0.43\\ \end{array}$ | 5.84 3.01 17.18 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 3.29 1.39 7.06 20.71 11.88 0.00 1.71 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 24.35 21.39 11.76 10.27 13.39 16.77 33.24 25.73 8.52 6.83 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 22.05 31.01 29.88 25.46 39.72 36.64 20.23 23.50 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 23.17 35.10 29.13 5.30 14.35 41.09 41.44 | $\begin{array}{r} 8.17\\ 2.26\\ 1.12\\ 0.97\\ 18.15\\ 3.47\\ 6.28\\ 10.04\\ 11.46\\ 4.38\\ 19.40\\ 7.25\\ 4.40\\ 0.99\\ 5.97\\ 6.06\\ 11.27\\ 12.73\\ 6.93\\ 3.53\\ 2.89\\ 7.42\\ 10.02\\ 10.02\\ 20.50\\ \end{array}$ | $\begin{array}{c} 3.76\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 3.01\\ 3.42\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.50\\ 1.79\\ 2.01\\ 0.76\\ 0.00\\ 0.00\\ 0.91\\ 0.00\\ 0.91\\ 0.00\\ 0.91\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.41\\ 0.00\\ 0.00\\ 1.93\\ 0.99\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$ | $\begin{array}{c} 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 1.45 1.63 2.01 3.67 3.50 2.28 2.17 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 317 318 319 320 321 322 323 324 325 326 327 328 329 330 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 7 8 8 8 8 8 8 8 8 8 8 | $\begin{array}{c} 53\\ 0\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 14\\ 23\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 0\\ 6\\ 17\\ 27\\ 33\\ 38\\ 44\\ 45\\ 50\\ 58\\ 9\\ 15\\ 21\\ 28\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 3.59\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.$ | $\begin{array}{c} 0.00\\ 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.91\\ 0.73\\ 0.00\\ 2.76\\ 1.43\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ \end{array}$ | 2.85 3.50 0.00 5.98 5.79 1.01 1.49 9.86 0.80 2.67 1.10 0.88 4.08 6.35 2.97 9.19 2.85 0.90 0.00 3.09 6.26 4.95 0.00 0.43 0.96 | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 1.39 7.06 20.71 11.88 0.071 2.71 11.88 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 4.41 14.49 17.10 4.41 14.49 17.10 4.15 24.35 21.39 11.76 10.27 13.39 16.77 33.24 25.73 8.52 6.83 11.06 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 22.05 31.01 29.88 31.73 22.05 31.01 29.88 35.76 35.08 23.50 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 35.10 29.13 5.30 14.35 41.09 41.49 41.09 | $\begin{array}{r} 8.17\\ 2.26\\ 1.12\\ 0.97\\ 18.15\\ 3.47\\ 6.28\\ 10.04\\ 11.46\\ 4.38\\ 19.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.35\\ 7.42\\ 10.02\\ 20.50\\ 20.69\\ 10.27\\ 10.2\\ 20.50\\ 20.69\\ 10.2\\ 20.50\\ 20.69\\ 10.2\\ 20.50\\ 20.69\\ 10.2\\ 20.50\\ 20.69\\ 10.2\\ 20.50\\ 20.69\\ 10.2\\ 20.50\\ 20.69\\ 10.2\\ 20.50\\ 20.69\\ 10.2\\ 20.50\\ 20.69\\ 10.2\\$ | $\begin{array}{c} 3.76\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 1.85\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 3.01\\ 3.42\\ 9.14\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.91\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.41\\ 0.00\\ 0.01\\ 9.92\\ 1.07\\ 0.00\\$ | $\begin{array}{c} 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.05 1.80 2.01 3.61 1.63 2.01 3.67 3.50 2.28 2.17 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 316 317 318 319 320 321 322 323 324 322 323 324 325 326 327 328 329 320 330 331 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 7 7 8 8 8 8 8 8 8 8 8 | 53 0 11 17 20 24 58 7 7 14 58 7 7 23 37 46 53 0 6 6 17 27 33 38 44 50 58 9 9 15 21 28 23 35 | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 0.97\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.0$ | $\begin{array}{c} 0.00\\ 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 2.76\\ 1.43\\ 0.00\\ 1.23\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.00\\$ | $\begin{array}{c} 2.85\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 9.19\\ 2.85\\ 0.98\\ 2.05\\ 0.00\\ 3.09\\ 6.26\\ 0.00\\ 3.09\\ 6.26\\ 0.00\\ 0.43\\ 0.96\\ 0.00\\ \end{array}$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 3.29 1.39 7.06 20.71 11.88 0.00 1.71 2.41 1.83 | 16.73 22.18 32.12 38.13 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 24.35 21.39 11.76 10.27 13.39 16.77 33.24 25.73 8.52 6.83 11.06 12.81 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 22.05 31.01 29.88 25.46 39.72 36.64 20.73 35.08 23.50 23.50 23.50 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 35.10 29.13 5.30 29.13 5.30 41.44 29.82 41.09 41.44 29.82 41.09 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 0.99 5.97 6.06 11.27 12.73 6.93 3.53 2.89 7.42 10.02 20.50 20.69 8.69 | $\begin{array}{c} 3.76\\ 3.76\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.98\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 3.01\\ 3.42\\ 9.14\\ 1.37\\ \end{array}$ | $\begin{array}{c} 0.00\\$ | $\begin{array}{c} 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 1.45 1.63 2.01 3.67 3.50 2.28 2.17 2.35 1.67 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 7 7 8 8 8 8 8 8 8 8 8 | 53 0 11 17 20 24 58 7 14 58 7 14 58 7 14 6 53 0 6 17 27 33 38 44 50 58 57 12 23 37 46 53 53 53 58 58 58 58 58 58 58 58 58 58 | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 2.46\\ 0.00$ | $\begin{array}{c} 0.00\\ 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.33\\ 0.00\\$ | $\begin{array}{c} 2.85\\ 3.50\\ \hline 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 6.35\\ 2.97\\ 9.19\\ 2.85\\ 0.98\\ 2.05\\ 0.00\\ 3.09\\ 6.26\\ 4.95\\ 0.00\\ 0.43\\ 0.96\\ 0.00\\ 1.33\\ \end{array}$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 2.94 3.29 1.39 7.06 20.71 11.88 0.00 1.71 2.41 1.83 3.10 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 24.35 21.39 11.76 10.27 13.39 11.76 10.27 13.39 16.77 33.24 25.73 8.52 6.83 11.06 12.81 18.15 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 22.05 31.01 29.88 25.46 9.72 31.01 29.88 25.46 9.72 35.64 20.23 23.57 35.05 23.57 35.85 | 29.96 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 35.10 29.13 5.30 14.35 41.09 41.44 29.82 36.13 24.34 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 0.99 5.97 6.06 11.27 12.73 6.93 3.53 2.89 7.42 10.02 20.69 8.69 8.69 | $\begin{array}{c} 3.76\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 3.01\\ 3.42\\ 9.14\\ 1.37\\ 3.10\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.50\\ 1.79\\ 2.01\\ 0.76\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.91\\ 0.00\\ 0.00\\ 0.91\\ 0.00\\ 0.91\\ 0.00\\$ | $\begin{array}{c} 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.05 1.80 2.01 1.68 1.71 1.83 3.07 1.98 2.03 1.45 1.63 2.01 3.67 3.50 2.28 2.17 2.35 1.67 2.18 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 222 | 5/13/2014 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 7 7 8 8 8 8 8 8 8 8 8 8 8 | $\begin{array}{c} 53\\ 0\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 14\\ 23\\ 37\\ 46\\ 53\\ 0\\ 6\\ 17\\ 27\\ 33\\ 8\\ 44\\ 50\\ 6\\ 17\\ 27\\ 33\\ 8\\ 44\\ 50\\ 58\\ 9\\ 15\\ 21\\ 28\\ 35\\ 41\\ 47\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 2.46\\ 0.00\\ 0.$ | $\begin{array}{c} 0.00\\ 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.33\\ 1.16\end{array}$ | 2.85 3.50 0.00 5.98 5.79 1.01 1.49 9.86 0.80 2.67 1.10 0.80 2.67 1.10 0.80 2.67 1.10 0.80 2.67 1.10 0.80 2.67 1.10 0.80 2.67 1.10 0.80 2.67 1.10 0.88 2.67 1.10 0.88 2.67 1.10 0.88 2.67 1.10 0.88 2.67 0.98 2.67 0.98 2.67 0.98 2.67 0.98 2.67 0.99 2.85 0.90 3.09 6.26 4.95 0.000 0.43 0.90 0.00 1.33 6.95 | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.28 14.24 7.84 2.94 3.29 1.39 7.06 20.71 11.88 0.00 1.71 1.88 0.00 1.71 1.83 3.10 2.41 1.83 3.10 2.41 2.42 1.51 1.52 1.51 1.52 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 24.35 21.39 11.76 24.35 21.39 11.76 10.27 13.39 16.77 33.24 25.73 8.52 6.83 11.06 12.81 18.15 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 31.01 22.05 31.01 22.05 31.01 22.05 31.01 23.87 35.08 23.57 35.08 23.57 23.50 35.50 23.57 27.50 35.50 23.75 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 35.10 29.13 5.30 14.35 41.09 41.44 29.82 4.42 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 0.99 5.97 6.06 11.273 6.93 3.53 2.89 7.42 10.02 20.60 20.69 8.69 8.41 | $\begin{array}{c} 3.76\\ 3.76\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 3.01\\ 3.42\\ 9.14\\ 1.37\\ 3.10\\ 0.00\\ \end{array}$ | $\begin{array}{c} 0.00\\$ | $\begin{array}{c} 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 1.45 1.63 2.01 3.67 3.50 2.28 2.17 2.35 1.67 2.18 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 7 7 8 8 8 8 8 8 8 8 8 8 8 | 53 0 11 17 20 24 58 7 14 53 37 46 53 0 6 17 23 37 46 53 0 6 177 33 38 44 50 58 9 15 21 28 35 41 47 | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.53\\ 1.53\\ 1.46\\ 0.00\\ 0.997\\ 21.98\\ 0.00\\ 0.97\\ 21.98\\ 0.00\\ 0.97\\ 21.98\\ 0.00\\ 0.97\\ 21.98\\ 0.00\\ 0.97\\ 21.98\\ 0.00\\$ | 0.00 1.95 0.00 1.12 0.00 1.12 0.00 1.01 0.50 6.72 0.80 1.91 0.73 0.00 1.91 0.73 0.00 2.76 1.43 0.00 1.23 0.00 1.23 0.00 1.77 1.45 1.93 0.00 | 2.50 3.50 0.00 5.98 5.79 1.01 1.49 9.86 0.80 2.67 1.10 0.88 4.08 6.35 2.97 9.19 2.85 0.98 2.05 0.98 2.67 1.10 0.80 2.67 1.10 0.80 2.67 1.10 0.80 2.67 1.10 0.80 2.67 1.10 0.80 2.67 1.10 0.80 2.67 1.10 0.80 2.67 1.10 0.80 2.67 0.98 2.97 9.19 2.85 0.98 2.05 0.00 0.00 0.43 0.96 0.00 0.43 0.96 0.00 1.33 6.95 2.55 | 5.84 3.01 17.18 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 3.29 7.06 20.71 11.88 0.00 1.71 2.41 1.83 3.10 21.62 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 24.35 21.39 11.76 10.27 13.39 16.77 33.24 25.73 8.52 6.83 11.06 12.81 18.15 40.16 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 22.05 31.01 29.88 25.46 39.72 36.64 20.23 23.57 35.08 23.57 35.08 23.57 35.58 22.78 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 23.17 37.23 36.96 29.13 5.30 14.35 41.09 41.44 29.82 36.13 5.30 | $\begin{array}{r} 8.17\\ 2.26\\ 1.12\\ 0.97\\ 18.15\\ 3.47\\ 6.28\\ 10.04\\ 11.46\\ 4.38\\ 19.40\\ 0.99\\ 7.25\\ 4.40\\ 0.99\\ 5.97\\ 6.06\\ 11.27\\ 12.73\\ 6.93\\ 3.53\\ 2.89\\ 7.42\\ 1.002\\ 20.50\\ 20.69\\ 8.41\\ 1.16\\ 6.93\\ 8.41\\ 1.16\\ 6.93\\ 8.41\\ 1.16\\ 1.62\\ 1.02\\ 1.$ | $\begin{array}{c} 3.76\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 3.01\\ 3.42\\ 9.14\\ 1.37\\ 3.10\\ 0.00\\ 0.02\\$ | 0.00 0.91 0.00 0.92 1.07 0.00 0.00 0.92 1.07 0.00 | $egin{array}{cccc} 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 1.34 \\ 1.20 \\ 0.76 \\ 0.00 \\ 0.$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 1.45 1.63 2.01 3.67 3.50 2.217 2.35 1.67 2.18 1.54 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 333 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 7 7 8 8 8 8 8 8 8 8 8 8 8 | $\begin{array}{c} 53\\ 0\\ 11\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 14\\ 23\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 0\\ 6\\ 17\\ 27\\ 33\\ 38\\ 44\\ 45\\ 0\\ 6\\ 17\\ 27\\ 33\\ 38\\ 44\\ 50\\ 58\\ 9\\ 15\\ 21\\ 28\\ 35\\ 41\\ 47\\ 52\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 3.59\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 2.12\\ \end{array}$ | $\begin{array}{c} 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.12\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.91\\ 0.73\\ 0.00\\ 2.76\\ 1.43\\ 0.00\\ 2.76\\ 1.43\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.33\\ 1.16\\ 2.55\\ \end{array}$ | $\begin{array}{c} 2.85\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 9.19\\ 2.85\\ 0.98\\ 4.08\\ 6.35\\ 2.97\\ 9.19\\ 2.85\\ 0.00\\ 0.43\\ 5.95\\ 0.00\\ 0.43\\ 3.09\\ 6.26\\ 4.95\\ 0.00\\ 0.43\\ 3.09\\ 6.26\\ 4.95\\ 0.00\\ 0.43\\ 3.95\\ 9.76\\ \end{array}$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 1.39 7.06 20.71 11.88 0.00 1.71 11.88 0.00 1.71 1.83 3.10 2.41 2.58 2.92 2.94 2.94 2.94 2.94 2.94 2.94 2.94 2.94 2.94 2.94 2.94 2.94 2.94 2.94 2.94 2.94 2.92 2.91 2.41 2.41 2.41 2.41 2.58 2.102 2.58 2.59 2.58 2.58 2.58 2.58 2.58 2.58 2.58 2.58 2.54 2.58 2.58 2.57 2.58 2.57 2.58 2.57 2.58 2.57 2.58 2.57 2.58 2.57 2.58 2.57 2.58 2.57 2.58 2.57 2.58 2.57 2.5 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 4.41 14.49 17.10 4.41 14.49 17.10 4.41 14.49 17.10 4.41 14.49 17.10 4.41 14.49 17.10 4.41 14.49 17.10 4.41 14.49 17.10 4.41 14.5 24.35 21.39 11.76 8.52 6.83 11.06 12.81 18.5 4.65 12.81 1.81 12.81 13.81 13.81 12.81 13.81 14.8 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 27.63 20.03 31.73 22.05 31.01 29.88 25.46 39.72 36.04 25.46 39.72 35.08 23.57 37.50 35.85 22.78 15.70 | $\begin{array}{c} \hline 29.96 \\ \hline 30.79 \\ \hline 43.86 \\ \hline 12.38 \\ \hline 10.28 \\$ | $\begin{array}{r} 8.17\\ 2.26\\ 1.12\\ 0.97\\ 18.15\\ 3.47\\ 6.28\\ 10.04\\ 11.46\\ 4.38\\ 19.40\\ 7.25\\ 4.40\\ 7.25\\ 7.42\\ 7$ | $\begin{array}{c} 3.71\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 3.01\\ 3.42\\ 9.14\\ 1.37\\ 3.10\\ 0.00\\ 0.00\\ \hline \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.91\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\$ | $\begin{array}{c} 0.00\\$ | $\begin{array}{c} 1.17\\ 1.13\\ 1.40\\ 1.53\\ 2.20\\ 2.48\\ 3.61\\ 2.05\\ 1.80\\ 2.07\\ 1.68\\ 1.71\\ 1.81\\ 1.83\\ 3.07\\ 1.98\\ 2.03\\ 1.45\\ 1.63\\ 2.01\\ 3.67\\ 3.50\\ 2.28\\ 2.17\\ 3.50\\ 2.28\\ 2.17\\ 2.18\\ 1.54\\ 1.58\\ \end{array}$ |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 317 318 319 320 321 322 323 324 322 323 324 325 326 327 328 329 330 331 332 333 334 335 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 7 7 8 8 8 8 8 8 8 8 8 8 8 | $\begin{array}{c} 53\\ 0\\ 11\\ 1\\ 17\\ 20\\ 24\\ 58\\ 7\\ 14\\ 58\\ 7\\ 14\\ 58\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 0\\ 6\\ 6\\ 17\\ 27\\ 33\\ 38\\ 44\\ 50\\ 58\\ 9\\ 9\\ 15\\ 21\\ 28\\ 58\\ 9\\ 15\\ 21\\ 28\\ 35\\ 41\\ 47\\ 52\\ 3\\ 3\end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 3.59\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00$ | $\begin{array}{c} 0.00\\ 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.91\\ 0.73\\ 0.00\\ 2.76\\ 1.43\\ 0.00\\ 2.76\\ 1.43\\ 0.00\\ 1.23\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.00\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.00\\ 0.00\\ 1.33\\ 1.16\\ 2.55\\ 0.88\\ \end{array}$ | $\begin{array}{c} 2.83\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 9.19\\ 2.85\\ 0.98\\ 2.05\\ 0.98\\ 2.05\\ 0.98\\ 2.05\\ 0.00\\ 0.43\\ 0.96\\ 0.00\\ 0.43\\ 0.96\\ 0.00\\ 1.33\\ 6.95\\ 9.76\\ 3.97\\ \end{array}$ | 5.84 3.01 17.18 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 3.29 1.39 7.06 20.71 11.88 0.00 1.71 2.41 1.83 3.10 21.62 25.88 13.22 | $\begin{array}{c} 16.73\\ 22.18\\ 32.12\\ 38.13\\ 6.05\\ 34.65\\ 14.79\\ 10.44\\ 16.81\\ 10.60\\ 4.41\\ 14.49\\ 17.10\\ 41.15\\ 24.35\\ 21.39\\ 11.76\\ 10.27\\ 13.39\\ 16.77\\ 33.24\\ 25.73\\ 8.52\\ 6.83\\ 11.06\\ 12.81\\ 18.15\\ 40.16\\ 38.18\\ 27.76\\ \end{array}$ | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 22.05 31.01 29.88 25.46 39.72 36.64 20.23 23.75 35.08 23.57 35.08 23.57 35.85 22.78 15.70 24.68 | $\begin{array}{c} \hline 29.96 \\ \hline 29.96 \\ \hline 29.96 \\ \hline 24.44 \\ \hline 8.22 \\ \hline 5.79 \\ \hline 43.86 \\ \hline 12.38 \\ \hline 16.14 \\ \hline 5.29 \\ \hline 25.60 \\ \hline 37.27 \\ \hline 50.70 \\ \hline 0.77 \\ \hline 50.70 \\ \hline 0.77 \\ \hline 50.70 \\ \hline 0.355 \\ \hline 12.21 \\ \hline 1.02 \\ \hline 23.17 \\ \hline 37.23 \\ \hline 36.96 \\ \hline 5.10 \\ \hline 29.13 \\ \hline 5.10 $ | $\begin{array}{r} 8.17\\ 2.26\\ 1.12\\ 0.97\\ 18.15\\ 3.47\\ 6.28\\ 10.04\\ 11.46\\ 4.38\\ 19.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.97\\ 8.69\\ 8.41\\ 1.16\\ 0.00\\ 7.93\\ \end{array}$ | $\begin{array}{c} 3.76\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 3.01\\ 3.42\\ 9.14\\ 1.37\\ 3.10\\ 0.00\\ 0.00\\ 0.00\\ 2.20\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.89\\ 0.00\\ 0.00\\ 0.88\\ \end{array}$ | $\begin{array}{c} 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 1.45 1.63 2.01 3.67 3.50 2.28 2.17 2.35 1.67 2.18 1.54 1.58 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 7 7 8 8 8 8 8 8 8 8 8 8 8 | $\begin{array}{c} 53\\ 0\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 14\\ 23\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 33\\ 38\\ 44\\ 50\\ 58\\ 9\\ 15\\ 21\\ 28\\ 35\\ 41\\ 47\\ 52\\ 33\\ 9\\ 9\end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 1.98\\ 0.00\\ 0.92\\ 1.07\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 2.46\\ 0.00$ | $\begin{array}{c} 0.00\\ 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 2.76\\ 1.43\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.33\\ 1.16\\ 2.55\\ 0.88\\ 4.34\\ \end{array}$ | $\begin{array}{c} 2.85\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 4.08\\ 4.08\\ 4.08\\ 4.08\\ 2.97\\ 9.19\\ 2.85\\ 0.90\\ 0.43\\ 2.05\\ 0.00\\ 0.43\\ 0.96\\ 0.00\\ 0.43\\ 0.96\\ 0.00\\ 1.33\\ 6.95\\ 9.76\\ 3.97\\ 13.01\\ \end{array}$ | 5.84 3.01 17.18 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 1.39 7.06 20.71 11.88 0.00 1.71 1.83 3.10 2.72 2.55 3.21 1.51 2.92 1.39 7.06 2.071 1.88 0.071 1.83 3.10 2.53 2.92 1.39 7.06 2.75 2.92 1.39 7.06 2.75 2.92 1.39 7.06 2.75 2.92 1.39 7.06 2.75 2.92 1.39 7.06 2.071 1.88 0.071 1.88 0.071 1.88 0.071 1.83 3.10 2.55 3.21 1.53 1 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 24.35 21.39 11.76 10.27 13.39 11.76 10.27 13.39 16.77 33.24 25.73 8.52 6.83 11.06 12.81 18.15 40.16 38.18 27.76 31.65 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 22.05 31.01 29.88 31.73 22.05 31.01 29.88 31.73 22.05 31.01 29.88 25.46 39.72 36.64 20.23 23.57 35.08 23.57 37.50 35.85 22.78 15.70 24.68 15.70 24.68 | $\begin{array}{c} \hline 29.96 \\ \hline 12.38 \\ \hline 10.14 \\ \hline 25.29 \\ \hline 25.60 \\ \hline 37.27 \\ \hline 50.70 \\ \hline 23.55 \\ \hline 12.21 \\ \hline 50.70 \\ \hline 23.55 \\ \hline 12.21 \\ \hline 50.70 \\ \hline 23.55 \\ \hline 12.21 \\ \hline 37.23 \\ \hline 50.70 \\ \hline 23.55 \\ \hline 12.21 \\ \hline 50.70 \\ \hline 23.55 \\ \hline 10.23 \\ \hline 50.70 \\ \hline 23.55 \\ \hline 10.23 \\ \hline 50.70 \\ \hline 23.55 \\ \hline 10.23 \\ \hline 50.70 \\ \hline 29.13 \\ \hline 50.70 \\ \hline 35.10 \\ \hline 29.13 \\ \hline 50.70 \\ \hline 35.10 \\ \hline 29.13 \\ \hline 50.70 \\ \hline 35.10 \\ \hline 29.13 \\ \hline 50.70 \\ \hline 35.10 \\ \hline 29.13 \\ \hline 50.70 \\ \hline 35.10 \\ \hline 29.13 \\ \hline 36.61 \\ \hline 36.61 \\ \hline 41.44 \\ \hline 44.43 \\ \hline 44.63 \\ \hline 4.24 \\ \hline 41.366 \\ \hline 390 \end{array}$ | $\begin{array}{c} 8.17\\ 2.26\\ 1.12\\ 0.97\\ 18.15\\ 3.47\\ 6.28\\ 10.04\\ 11.46\\ 4.38\\ 19.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 10.04\\ 1.27\\ 10.02\\ 2.59\\ 7.42\\ 10.02\\ 20.50\\ 20.69\\ 8.69\\ 8.41\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 1.16\\ 0.00\\ 1.16\\ 0.00\\ 1.16\\ 0.00\\ 1.16\\ 0.00\\ 1.16\\ 0.00\\ 1.16\\ 0.00\\ 0.00\\ 1.16\\ 0.00\\ 0.$ | $\begin{array}{c} 3.76\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 3.01\\ 3.42\\ 9.14\\ 1.37\\ 3.10\\ 0.00\\ 0.00\\ 0.00\\ 0.87\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.91\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\$ | $\begin{array}{c} 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.01 3.67 3.50 2.217 2.35 1.67 2.18 1.54 1.58 3.05 1.60 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 327 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 7 7 8 8 8 8 8 8 8 8 8 8 8 | 53 0 11 17 20 24 58 7 14 53 37 46 33 0 6 17 33 38 9 15 21 28 35 41 47 39 14 | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.$ | $\begin{array}{c} 0.00\\ 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 1.23\\ 0.00\\ 1.43\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.00\\ 0.00\\ 1.33\\ 1.16\\ 0.255\\ 0.88\\ 4.34\\ 3.27\\ \end{array}$ | $\begin{array}{c} 2.85\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 1.0\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 0.00\\ 3.09\\ 6.26\\ 0.00\\ 3.09\\ 6.26\\ 0.00\\ 1.33\\ 6.95\\ 0.00\\ 1.33\\ 6.95\\ 0.00\\ 1.33\\ 6.95\\ 0.76\\ 3.97\\ 13.01\\ 7.15\\ \end{array}$ | 5.84 3.01 17.18 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.28 14.24 7.84 2.94 3.29 1.39 7.06 20.71 11.88 0.00 1.71 2.41 1.83 3.10 2.162 25.88 13.22 30.35 13.89 13.89 13.89 13.80 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 44.11 14.49 17.10 44.15 24.35 21.39 11.76 10.27 13.39 16.77 33.24 25.73 8.52 6.83 11.06 12.81 12.81 18.15 40.16 38.18 27.76 31.65 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 22.05 31.01 29.88 25.46 39.72 36.64 20.35 37.50 33.50 23.57 35.85 22.76 37.50 35.85 22.76 37.50 24.68 15.70 24.68 15.70 24.68 10.85 23.99 23.99 23.99 24.68 23.99 23.99 23.99 23.99 24.68 23.99 23.99 24.68 23.99 24.68 25.98 25.98 25.98 25.98 25.98 25.98 27.63 20.03 21.75 27.63 20.03 23.75 23.50 23.50 23.57 23.50 23.57 23.50 23.57 23.50 23.57 23.50 23.57 23.50 23.57 23.50 23.57 23.50 23.57 23.50 23.57 23.50 23.57 23.50 23.57 23.50 23.57 23.50 23.57 23.50 23.50 23.57 23.50 23.50 23.57 23.50 25 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 35.10 29.13 5.30 29.13 5.30 29.13 5.51 41.09 41.44 29.82 41.09 41.44 29.83 41.09 41.44 29.83 41.09 41.44 29.83 41.09 41.44 29.83 41.09 41.44 29.83 41.09 41.44 29.83 21.13 24.34 41.63 4.24 4.63 4.24 24.35 24.35 25.00 23.55 25.00 23.55 24.21 25.00 25.00 23.55 25.00 23.55 25.00 23.55 25.00 23.55 25.00 23.55 25.00 23.55 25.00 23.55 25.00 23.55 25.00 23.55 25.00 23.55 25.00 23.55 25.00 23.55 25.00 23.55 25.00 23.55 25.00 23.55 25.00 23.55 25.00 24.35 25.00 24.35 24.44 24.34 24. | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 0.97 6.06 11.27 12.73 6.93 3.53 2.89 7.42 10.02 20.69 8.69 8.41 1.16 0.00 7.93 2.17 | $\begin{array}{c} 3.71\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 3.01\\ 3.42\\ 9.14\\ 1.37\\ 3.10\\ 0.00\\ 2.20\\ 0.87\\ 2.10\\ 2.10\\ 2.10\\ 2.10\\ 2.10\\ 0.00\\ 2.20\\ 0.87\\ 2.10\\ 0.00\\$ | $egin{array}{cccc} 0.00\\ 0.89\\ 0.00\\ 0.00\\ 0.88\\ 0.00\\ 0.88\\ 0.00\\ 0.26\\ 0.126\\ 0.00\\ 0.88\\ 0.00\\ 0.00\\ 0.88\\ 0.00\\ 0.00\\ 0.88\\ 0.00\\ 0.00\\ 0.88\\ 0.00\\ 0.00\\ 0.88\\ 0.00\\ 0.00\\ 0.88\\ 0.00\\ 0.00\\ 0.88\\ 0.00\\ 0.$ | $egin{array}{cccc} 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 1.34 \\ 1.20 \\ 0.76 \\ 0.00 \\ 0.$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 1.45 1.63 2.01 3.67 3.50 2.28 2.17 2.35 1.67 2.18 1.54 1.58 3.05 1.60 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 | 17 17 17 17 17 7 7 8 8 8 8 8 8 8 8 8 8 8 | $\begin{array}{c} 53\\ 0\\ 0\\ 11\\ 1\\ 17\\ 20\\ 24\\ 8\\ 7\\ 14\\ 58\\ 7\\ 14\\ 42\\ 3\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 38\\ 44\\ 50\\ 58\\ 9\\ 9\\ 15\\ 21\\ 28\\ 35\\ 21\\ 28\\ 35\\ 21\\ 28\\ 35\\ 35\\ 9\\ 15\\ 21\\ 28\\ 35\\ 35\\ 9\\ 9\\ 15\\ 21\\ 28\\ 35\\ 9\\ 9\\ 14\\ 47\\ 52\\ 3\\ 39\\ 9\\ 14\\ 47\\ 52\\ 3\\ 39\\ 9\\ 14\\ 47\\ 52\\ 3\\ 39\\ 9\\ 14\\ 42\\ 32\\ 35\\ 39\\ 9\\ 14\\ 42\\ 35\\ 39\\ 9\\ 14\\ 42\\ 35\\ 39\\ 9\\ 14\\ 42\\ 35\\ 39\\ 9\\ 14\\ 42\\ 35\\ 39\\ 9\\ 14\\ 42\\ 35\\ 39\\ 9\\ 14\\ 42\\ 35\\ 39\\ 9\\ 14\\ 42\\ 35\\ 39\\ 9\\ 14\\ 42\\ 35\\ 39\\ 9\\ 14\\ 42\\ 39\\ 9\\ 14\\ 42\\ 35\\ 39\\ 9\\ 14\\ 42\\ 39\\ 9\\ 14\\ 42\\ 39\\ 9\\ 14\\ 42\\ 35\\ 39\\ 9\\ 14\\ 42\\ 39\\ 9\\ 14\\ 42\\ 39\\ 9\\ 14\\ 42\\ 39\\ 39\\ 14\\ 42\\ 39\\ 39\\ 39\\ 39\\ 39\\ 30\\ 30\\ 30\\ 30\\ 30\\ 30\\ 30\\ 30\\ 30\\ 30$ | 0.00 2.33 0.00 0.00 0.00 0.00 0.00 14.85 1.53 1.46 0.00 9.97 21.98 0.00 0.97 21.98 0.00 0.97 21.98 0.00 0.97 21.98 0.00 0.97 21.98 0.00 0.97 21.98 0.00 0.97 21.98 0.00 0.997 21.98 0.00 0.997 21.98 0.00 0.997 21.98 0.00 0.997 21.98 0.00 0.997 21.98 0.00 0.997 21.98 0.00 0.997 21.98 0.00 0.997 21.98 0.00 0.997 21.98 0.00 0.997 21.98 0.00 | $\begin{array}{c} 0.00\\ 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 1.81\\ 1.43\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 1.45\\ 1.98\\ 0.00\\ 1.23\\ 1.16\\ 2.55\\ 0.88\\ 4.34\\ 3.37\\ 1.16\\ 2.55\\ 0.88\\ 4.34\\ 3.37\\ 0.57\\$ | 2.50 3.50 0.00 5.98 5.79 1.01 1.49 9.86 0.80 2.67 1.10 0.88 4.08 6.35 2.97 9.19 2.85 0.98 2.05 0.98 2.00 0.00 0.3.09 6.26 4.05 0.00 0.43 0.96 0.00 0.43 0.96 0.00 0.43 0.96 0.00 1.33 6.95 9.76 3.97 13.01 7.55 6.55 1.301 7.55 1.301 7.55 1.55 | 5.84 3.01 17.18 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 3.29 1.39 7.06 20.71 11.88 0.00 1.71 2.41 1.83 3.10 21.62 25.88 13.22 5.35 13.88 13.28 13.28 13.28 13.28 13.28 13.28 13.28 13.28 13.28 13.28 13.28 13.28 13.28 13.28 13.29 1.51 1.52 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 24.35 21.39 11.76 10.27 13.39 16.77 33.24 25.73 8.52 6.83 11.06 12.81 18.15 40.16 38.18 27.76 31.65 27.76 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 22.05 31.01 29.88 25.46 20.23 31.01 29.88 25.69 23.57 35.08 23.57 35.08 23.57 35.08 23.57 35.85 22.78 15.70 24.68 15.70 24.68 25.98 25.98 25.98 25.98 27.63 20.03 21.10 29.88 25.98 25.98 20.03 21.10 29.88 25.98 25.98 20.03 21.10 29.88 25.98 25.98 20.03 21.10 29.88 25.98 25.98 20.03 21.10 29.88 23.57 35.08 23.57 35.08 23.57 35.08 23.57 35.85 22.78 15.70 24.68 25.98 25.98 25.98 25.98 25.98 25.98 25.98 25.98 25.98 27.63 20.03 20.03 20.03 20.03 20.03 20.05 20.03 20.03 20.03 20.05 20.03 20.05 20.03 20.05 20.03 20.05 20.05 20.03 20.05 20 | 29.96 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 23.17 37.23 36.96 29.13 5.30 14.35 41.09 41.44 29.82 36.13 5.30 41.44 29.82 36.13 5.30 41.44 29.82 36.13 5.30 41.44 29.82 36.13 5.30 41.44 29.82 36.30 41.44 29.82 36.30 41.44 29.82 36.30 41.44 29.82 36.30 41.44 29.82 36.30 24.44 24.45 24.44 24.45 24.44 24.45 24.45 24.45 24.45 24.45 24.45 25.60 25.60 25.60 25.60 25.60 25.60 25.60 25.60 25.77 25.60 25.60 25.55 25.55 22.21 23.55 23.55 23.55 23.55 23.55 23.55 23.55 23.55 24.21 24.44 25.29 25.60 25.60 25.55 23.55 23.55 24.21 23.55 24.22 25.60 25.60 25.77 25.77 25.77 25.70 25.75 25.70 25.75 25 | $\begin{array}{c} 8.17\\ 2.26\\ 1.12\\ 0.97\\ 18.15\\ 3.47\\ 6.28\\ 10.04\\ 11.46\\ 4.38\\ 19.40\\ 7.25\\ 4.40\\ 0.99\\ 5.97\\ 6.06\\ 11.27\\ 12.73\\ 6.93\\ 3.53\\ 2.89\\ 7.42\\ 10.02\\ 20.50\\ 20.69\\ 8.61\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 4.21\\ 5.57\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 4.21\\ 5.57\\ 1.16\\ 0.00\\ 7.93\\ 1.17\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 1.16\\ 0.00\\ 7.93\\ 1.17\\ 1.16\\ 0.00\\ 7.93\\ 1.17\\ 1.16\\ 0.00\\ 7.93\\ 1.17\\ 1.16\\ 0.00\\ 7.93\\ 1.17\\ 1.16\\ 0.00\\ 7.93\\ 1.17\\ 1.16\\ 0.00\\ 7.93\\ 1.17\\ 1.16\\ 0.00\\ 7.93\\ 1.17\\ 1.16\\ 0.00\\ 7.93\\ 1.17\\ 1.16\\ 0.00\\ 7.93\\ 1.17\\ 1.16\\ 0.00\\ 7.93\\ 1.17\\ 1.16\\ 0.00\\ 7.93\\ 1.17\\ 1.16\\ 0.00\\ 1.16\\ 0.00\\ 1.17\\ 1.16\\ 0.00\\ 1.16\\ 0.00\\ 1.16\\ 0.00\\ 0.$ | 3.76 1.56 0.00 0.00 0.00 4.03 1.98 4.48 3.61 5.35 0.73 3.53 2.26 2.93 0.00 4.59 2.14 3.92 3.29 2.14 3.92 3.29 2.14 3.92 3.37 3.92 3.60 3.37 3.92 | $egin{array}{cccc} 0.00 \\ 0.$ | $egin{array}{cccc} 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 1.34 \\ 1.20 \\ 0.76 \\ 0.00 \\ 0.88 \\ 0.00 \\ 0.84 \\ 0.00 \\ 0.$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.05 1.80 2.01 1.68 1.71 1.83 3.07 1.98 2.03 1.45 1.63 2.01 3.67 3.50 2.28 2.17 2.35 1.67 2.18 1.54 1.58 3.05 1.60 1.98 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 7 7 8 8 8 8 8 8 8 8 8 8 8 | $\begin{array}{c} 53\\ 0\\ 0\\ 11\\ 1\\ 17\\ 20\\ 24\\ 8\\ 7\\ 14\\ 23\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 0\\ 6\\ 17\\ 27\\ 33\\ 38\\ 44\\ 45\\ 0\\ 6\\ 17\\ 27\\ 33\\ 38\\ 44\\ 45\\ 15\\ 21\\ 28\\ 35\\ 41\\ 47\\ 52\\ 3\\ 9\\ 9\\ 15\\ 21\\ 14\\ 21\\ 21\\ 21\\ 21\\ 21\\ 21\\ 21\\ 21\\ 21\\ 21$ | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 2.46\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.33\\ 0.00\\ 0.00\\ 1.33\\ 0.00\\ 0.00\\ 1.33\\ 0.00\\ 0.00\\ 1.33\\ 0.00\\ 0.00\\ 0.00\\ 1.33\\ 0.00\\ 0.$ | $\begin{array}{c} 0.00\\ 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 0.00\\ 1.77\\ 1.45\\ 0.00\\ 1.23\\ 0.00\\ 1.77\\ 1.45\\ 0.00\\ 0.00\\ 1.33\\ 1.16\\ 0.88\\ 1.33\\ 1.33\\ 1.33\\ 1.33\\ 1.33\\ 1.33\\ 1.33\\ 1.33\\ 0.85\\ 0.88\\ 1.37\\ 0.85\\$ | $\begin{array}{c} 2.85\\ 3.50\\ 0.00\\ 5.98\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 0.00\\ 0.43\\ 0.96\\ 0.00\\ 1.33\\ 6.95\\ 0.00\\ 1.33\\ 6.95\\ 0.76\\ 3.97\\ 13.01\\ 7.15\\ 2.56\\ \end{array}$ | 5.84 3.01 17.18 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 7.84 2.94 1.39 7.06 20.71 11.88 0.00 1.71 1.83 3.10 2.51 2.52 2.92 3.31 1.53 5.35 2.92 3.21 5.35 2.92 3.21 5.35 2.92 3.21 5.35 2.92 3.21 5.35 2.92 3.21 5.35 5.35 2.92 3.21 5.35 5.35 2.92 5.35 5.32 1.53 5.35 5.32 1.53 5.35 5.32 1.53 5.35 5.35 5.32 1.53 5.35 5.35 5.32 1.53 5.35 5.35 5.32 1.53 5.35 5.32 1.53 5.35 5.32 1.53 5.35 5.32 1.53 5.35 5.32 1.43 5.35 5.32 1.43 5.35 5.32 1.43 5.35 5.32 1.39 7.06 2.00 1.188 1.188 1.22 5.35 1.188 1.22 5.35 1.188 1.22 5.35 1.388 6.34 1.24 1.188 1.241 1.83 3.10 2.15 2.588 1.3.22 3.35 1.388 6.82 | $\begin{array}{c} 16.73\\ 22.18\\ 32.12\\ 38.13\\ 6.05\\ 34.65\\ 14.79\\ 10.44\\ 16.81\\ 10.60\\ 4.41\\ 14.49\\ 17.10\\ 41.15\\ 24.35\\ 21.39\\ 11.76\\ 10.27\\ 13.39\\ 11.76\\ 33.24\\ 25.73\\ 8.52\\ 6.83\\ 11.06\\ 12.81\\ 18.15\\ 40.16\\ 38.18\\ 27.76\\ 31.65\\ 27.76\\ 21.30\\ \end{array}$ | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 32.05 31.01 29.88 25.46 39.72 35.08 23.57 35.08 23.57 37.50 35.85 22.78 15.70 24.68 10.24 23.95 34.51 34.51 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 35.10 29.13 5.30 14.35 41.09 41.44 29.82 36.13 24.34 4.63 4.24 13.66 3.908 9.68 24.71 | $\begin{array}{r} 8.17\\ 2.26\\ 1.12\\ 0.97\\ 18.15\\ 3.47\\ 6.28\\ 10.04\\ 11.46\\ 4.38\\ 19.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 10.02\\ 20.69\\ 8.69\\ 8.69\\ 8.69\\ 8.69\\ 8.41\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 4.21\\ 5.96\\ \end{array}$ | $\begin{array}{c} 3.76\\ 3.76\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 3.01\\ 3.42\\ 9.14\\ 1.37\\ 3.10\\ 0.00\\ 2.20\\ 0.87\\ 2.10\\ 1.70\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.91\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.00\\ 0.92\\ 0.00\\$ | $\begin{array}{c} 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 1.45 1.63 2.01 3.50 2.28 2.17 2.35 1.67 2.18 1.58 3.05 1.60 1.98 1.58 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 333 333 334 335 336 337 338 339 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 | 17 17 17 17 17 7 8 8 8 8 8 8 8 8 8 8 8 8 | $\begin{array}{c} 53\\ 0\\ 0\\ 11\\ 1\\ 17\\ 20\\ 24\\ 58\\ 7\\ 14\\ 45\\ 8\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 0\\ 6\\ 17\\ 27\\ 33\\ 38\\ 44\\ 50\\ 58\\ 9\\ 15\\ 21\\ 28\\ 35\\ 50\\ 58\\ 9\\ 15\\ 21\\ 28\\ 35\\ 41\\ 47\\ 52\\ 3\\ 9\\ 14\\ 47\\ 52\\ 3\\ 9\\ 14\\ 40\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.53\\ 1.46\\ 0.00\\ 0.97\\ 21.98\\ 0.00\\ 0.97\\ 21.98\\ 0.00\\ 0.97\\ 21.98\\ 0.00\\ 0.97\\ 21.98\\ 0.00\\ 0.97\\ 21.98\\ 0.00\\ $ | $\begin{array}{c} 0.00\\ 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 2.76\\ 1.43\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.00\\$ | $\begin{array}{c} 2.50\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 9.19\\ 2.85\\ 0.98\\ 2.05\\ 0.98\\ 2.05\\ 0.00\\ 3.09\\ 6.26\\ 4.95\\ 0.00\\ 0.43\\ 0.96\\ 0.00\\ 0.43\\ 0.96\\ 0.00\\ 0.43\\ 0.96\\ 0.00\\ 0.43\\ 0.96\\ 0.00\\ 0.43\\ 0.96\\ 0.00\\ 0.43\\ 0.96\\ 0.00\\ 0.43\\ 0.96\\ 0.00\\ 0.43\\ 0.96\\ 0.00\\ 0.13\\ 0.95\\ 9.76\\ 0.00\\$ | 5.84 3.01 17.18 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.28 14.28 14.24 7.84 2.94 3.29 7.06 20.71 11.88 0.00 1.71 2.41 1.83 3.10 21.62 25.88 13.22 30.35 13.88 6.82 0.00 | $\begin{array}{c} 16.73\\ 22.18\\ 32.12\\ 38.13\\ 6.05\\ 34.65\\ 14.79\\ 10.44\\ 16.81\\ 10.60\\ 4.41\\ 16.81\\ 10.60\\ 4.41\\ 14.49\\ 17.10\\ 41.15\\ 24.35\\ 21.39\\ 11.76\\ 10.27\\ 13.39\\ 16.77\\ 33.24\\ 25.73\\ 8.52\\ 6.83\\ 11.06\\ 12.81\\ 18.15\\ 40.16\\ 38.18\\ 27.76\\ 31.65\\ 27.76\\ 31.65\\ 27.76\\ 31.65\\ 27.76\\ 34.04\\ 4.04\\ \end{array}$ | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 22.05 31.01 29.88 25.46 39.72 36.64 20.23 23.75 35.08 23.57 35.08 24.66 10.84 23.98 24.66 10.84 23.98 24.66 10.84 23.98 24.65 24.68 10.84 23.98 24.68 10.84 23.98 24.68 10.84 23.98 24.68 10.84 23.98 24.68 10.84 23.98 24.68 10.84 23.98 24.68 10.84 23.98 24.68 10.84 23.98 24.68 10.84 23.98 24.68 10.84 23.75 24.68 24 | 29.96 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 35.10 29.13 5.30 14.35 5.10 29.13 5.30 14.35 41.09 41.44 29.82 36.13 24.34 4.63 4.24 4.63 4.24 4.63 4.24 4.63 4.24 4.63 4.24 4.63 4.24 4.63 4.24 4.63 4.24 4.63 4.24 4.63 4.24 4.63 4.24 4.63 4.24 4.63 4.24 4.63 4.24 4.63 4.24 4.63 4.24 4.54 4.54 4.54 4.54 4.54 5.55 5.55 | $\begin{array}{c} 8.17\\ 2.26\\ 1.12\\ 0.97\\ 18.15\\ 3.47\\ 6.28\\ 10.04\\ 11.46\\ 4.38\\ 19.40\\ 7.25\\ 4.40\\ 0.99\\ 7.25\\ 4.40\\ 0.99\\ 5.97\\ 6.06\\ 11.27\\ 12.73\\ 6.93\\ 3.53\\ 2.89\\ 7.42\\ 10.02\\ 20.50\\ 20.69\\ 8.41\\ 1.16\\ 0.00\\ 20.69\\ 8.41\\ 1.16\\ 0.00\\ 20.50\\ 2.17\\ 4.21\\ 5.96\\ 2.17\\ 4.21\\ 5.96\\ 27.40\\ \end{array}$ | $\begin{array}{c} 3.71\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 3.01\\ 3.42\\ 9.14\\ 1.37\\ 3.10\\ 0.00\\ 0.00\\ 0.00\\ 0.20\\ 0.87\\ 2.10\\ 1.70\\ 1.70\\ 1.82\\ \end{array}$ | $\begin{array}{c} 0.00\\$ | $\begin{array}{c} 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 1.45 1.63 2.01 3.67 3.50 2.28 2.17 2.35 1.67 2.18 1.54 1.58 3.05 1.60 1.98 1.54 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 17 17 17 17 17 17 8 8 8 8 9 10 10 10 11 11 11 | $\begin{array}{c} 53\\ 0\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 14\\ 23\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 58\\ 9\\ 15\\ 21\\ 28\\ 35\\ 41\\ 21\\ 28\\ 35\\ 41\\ 47\\ 52\\ 3\\ 9\\ 9\\ 14\\ 45\\ 14\\ 21\\ 45\\ 58\\ 58\\ 58\\ 58\\ 58\\ 58\\ 58\\ 58\\ 58\\ 5$ | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0$ | $\begin{array}{c} 0.00\\ 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 0.00\\ 1.77\\ 1.45\\ 0.00\\ 1.23\\ 0.00\\ 1.77\\ 1.45\\ 0.88\\ 1.98\\ 0.00\\ 0.00\\ 0.00\\ 1.33\\ 1.16\\ 2.55\\ 0.88\\ 4.34\\ 3.37\\ 0.85\\ 0.00\\$ | $\begin{array}{c} 2.83\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 9.19\\ 2.85\\ 0.98\\ 4.08\\ 6.35\\ 2.97\\ 0.19\\ 2.85\\ 0.90\\ 0.00\\ 3.09\\ 6.26\\ 4.95\\ 0.00\\ 0.43\\ 5.97\\ 1.5\\ 2.56\\ 0.00\\ 0.00\\ 1.33\\ 9.76\\ 3.97\\ 13.01\\ 7.15\\ 2.56\\ 0.00\\$ | 5.84 3.01 17.18 21.72 1.51 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 3.29 1.39 7.06 20.71 11.88 0.00 1.71 11.88 0.00 1.71 11.83 3.10 2.51 2.52 2.53 13.88 6.82 0.00 1.39 13.92 14.83 14.24 15.85 15.85 13.92 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 4.41 14.49 17.10 4.41 14.49 17.10 4.41 15.24.35 21.39 11.76 10.27 13.39 16.77 13.39 17.66 12.81 18.15 40.16 12.81 18.15 40.16 27.76 21.30 4.04 14.48 14.49 14.49 17.10 14.49 17.10 10.27 13.39 11.66 12.81 11.65 12.776 13.00 14.49 14.49 17.10 14.49 17.10 17.10 13.24 10.27 13.39 10.67 10.27 13.39 11.06 12.81 18.15 10.27 13.24 11.06 12.81 18.15 10.27 13.24 11.06 12.81 18.15 10.27 13.24 11.06 12.81 18.15 10.27 13.24 11.06 12.81 18.15 14.165 17.76 11.06 12.81 18.15 14.165 17.76 11.06 14.14 14.14 14.14 14.14 14.15 14.15 14.165 17.76 13.04 14.14 14.14 14.14 14.14 14.14 14.15 14.165 17.76 13.04 14.14 14.14 14.14 14.14 14.14 14.14 14.14 14.14 14.14 14.14 14.14 14.14 14.14 14.14 14.14 14.14 14.14 14.15 14.15 14.15 14.15 14.165 14.165 14.165 14.144 14.148 14.148 14.15 14.148 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 25.69 25.98 38.73 27.63 20.03 31.73 22.05 31.01 29.88 32.57 31.73 22.05 31.01 29.88 32.54 39.72 35.08 23.50 23.57 37.50 35.85 22.78 35.57 22.78 35.08 23.57 37.50 35.85 22.78 35.57 22.78 35.08 23.57 37.50 35.85 22.78 35.70 24.68 10.57 22.78 39.85 23.75 35.98 34.51 15.70 24.68 10.57 23.75 39.85 23.75 25 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 35.10 29.13 5.30 14.35 41.09 41.44 29.82 36.13 24.34 4.63 4.24 13.66 3.90 6.88 24.71 31.45 | $\begin{array}{r} 8.17\\ 2.26\\ 1.12\\ 0.97\\ 18.15\\ 3.47\\ 6.28\\ 10.04\\ 11.46\\ 4.38\\ 19.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.40\\ 7.25\\ 4.35\\ 7.42\\ 10.02\\ 20.69\\ 8.69\\$ | $\begin{array}{c} 3.71\\ 1.56\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 3.01\\ 3.42\\ 9.14\\ 1.37\\ 3.10\\ 0.00\\ 0.00\\ 2.20\\ 0.87\\ 2.10\\ 1.70\\ 14.82\\ 2.09\\ 1.70\\ 14.82\\ 2.00\\ 0.87\\ 1.70\\ 14.82\\ 2.00\\ 0.87\\ 1.70\\ 14.82\\ 2.00\\ 0.87\\ 1.70\\ 14.82\\ 2.00\\ 0.87\\ 1.70\\ 14.82\\ 2.00\\ 0.87\\ 1.70\\ 14.82\\ 2.00\\ 0.87\\ 1.70\\ 14.82\\ 1.87\\ 1.70\\ 1.70\\ 1.82\\ 1.87\\ 1.70\\ 1.82\\ 1.87\\ 1.8$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.91\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\$ | $\begin{array}{c} 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 1.45 1.63 2.01 3.67 3.50 2.28 2.17 2.18 1.54 1.58 3.05 1.60 1.58 3.42 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 317 318 319 320 321 322 323 324 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 | 5/13/2014 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 | 17 17 17 17 17 17 8 8 8 8 9 10 10 10 11 11 11 11 | $\begin{array}{c} 53\\ 0\\ 11\\ 1\\ 17\\ 20\\ 24\\ 58\\ 7\\ 7\\ 14\\ 58\\ 7\\ 7\\ 14\\ 58\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 0\\ 6\\ 6\\ 17\\ 27\\ 33\\ 38\\ 44\\ 50\\ 58\\ 9\\ 9\\ 15\\ 21\\ 28\\ 58\\ 41\\ 47\\ 52\\ 3\\ 3\\ 9\\ 14\\ 21\\ 40\\ 45\\ 51\\ 51\\ 51\\ 51\\ 51\\ 51\\ 51\\ 51\\ 51\\ 5$ | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 3.59\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00$ | $\begin{array}{c} 0.00\\ 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.91\\ 0.73\\ 0.00\\ 2.76\\ 1.43\\ 0.00\\ 2.76\\ 1.43\\ 0.00\\ 1.23\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.00\\ 0.00\\ 0.00\\ 1.33\\ 1.16\\ 2.55\\ 0.88\\ 4.34\\ 3.37\\ 0.85\\ 0.00\\ 0.00\\ 0.00\\ 1.97\\ 0.85\\ 0.00\\$ | $\begin{array}{c} 2.50\\ 2.50\\ 3.50\\ 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.88\\ 4.08\\ 6.35\\ 2.97\\ 9.19\\ 2.85\\ 0.98\\ 2.05\\ 0.00\\ 3.09\\ 6.26\\ 4.95\\ 0.00\\ 0.43\\ 0.96\\ 4.95\\ 0.00\\ 0.43\\ 0.96\\ 4.95\\ 0.00\\ 0.43\\ 0.96\\ 4.95\\ 0.00\\ 0.43\\ 0.96\\ 4.95\\ 0.00\\ 0.3.97\\ 13.01\\ 7.15\\ 2.56\\ 0.00\\ 0.00\\ 5.11\\ \end{array}$ | 5.84 3.01 17.18 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 3.29 1.39 7.06 20.71 11.88 0.00 1.71 2.41 1.83 3.10 21.62 25.88 13.22 30.35 13.88 6.82 0.00 1.376 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 24.35 21.39 11.76 10.27.33 8.52 6.83 11.06 12.81 18.15 40.16 38.18 27.76 31.65 27.30 4.04 11.48 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 22.05 31.01 29.88 25.46 39.72 36.64 20.25 39.72 36.64 20.35 31.01 23.57 35.08 23.57 35.08 23.57 35.08 23.57 35.85 22.78 15.70 35.85 22.78 15.70 34.83 34.51 14.37 39.31 30.27 30.21 30.21 30.27 30.21 30.27 30.23 31.57 35.85 35.98 35.85 35.85 35.85 35.85 35.85 35.85 35.85 35.85 35.85 35.78 35.85 35.98 35.85 35.85 35.85 35.98 35.85 35 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 35.10 29.13 5.30 14.35 41.09 41.44 29.82 36.13 24.34 4.63 4.24 4.63 4.24 4.63 4.24 4.63 4.24 4.13.66 3.90 9.68 24.71 31.45 34.79 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 10.04 11.46 4.38 10.04 11.46 4.38 10.04 7.25 4.40 0.99 5.97 6.06 11.27 12.73 6.93 3.53 2.89 7.42 10.02 20.69 8.69 8.41 1.16 0.00 0.00 2.17 4.21 5.96 27.40 9.39 2.75 | $\begin{array}{c} 3.76\\ 3.76\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.98\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 2.14\\ 3.92\\ 3.29\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.00\\ 3.37\\ 3.92\\ 3.92\\ 3.20\\ 0.00\\ 3.37\\ 3.10\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.70\\ 14.82\\ 2.09\\ 0.90\\ 0.00$ | $\begin{array}{c} 0.00\\$ | $egin{array}{cccc} 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 0.00 \\ 1.34 \\ 1.20 \\ 0.76 \\ 0.00 \\ 0.$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 1.43 3.07 1.98 2.03 1.43 3.07 2.98 2.17 2.35 1.63 3.05 1.69 1.98 3.05 1.60 1.98 3.42 1.55 |
| 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 332 333 334 335 336 337 338 339 340 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 | 17 10 10 10 10 10 10 10 10 11 11 11 11 11 | 53 0 11 17 20 24 58 7 14 23 37 46 53 0 6 17 23 37 46 53 0 6 177 23 33 38 44 50 58 9 15 21 28 351 41 47 52 3 9 14 21 40 45 51 27 | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.97\\ 21.98\\ 0.00\\ 0.97\\ 1.07\\ 0.00\\ 2.46\\ 0.00\\ 0.0$ | $\begin{array}{c} 0.00\\ 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 1.81\\ 1.43\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 0.00\\ 1.23\\ 1.16\\ 2.55\\ 0.88\\ 1.33\\ 1.16\\ 2.55\\ 0.88\\ 4.34\\ 3.37\\ 0.85\\ 0.00\\ 0.00\\ 1.97\\ 1.47\\ 0.85\\ 0.00\\ 0.00\\ 1.97\\ 1.97\\ 0.12\\ 0.00\\$ | 2.50 3.50 0.00 5.98 5.79 1.01 1.49 9.86 0.80 2.67 1.10 0.88 4.08 6.35 2.97 9.19 2.85 0.98 2.05 0.00 0.309 6.26 4.95 0.00 0.309 6.26 4.95 0.00 0.43 0.96 0.00 1.397 1.5 2.56 0.00 0.00 5.75 1.56 0.00 0.00 1.515 1.56 0.00 0.00 1.515 1.56 0.00 1.575 1.56 0.00 1.575 1.56 0.00 1.575 1.56 0.00 1.575 1.56 0.00 1.575 1.56 0.00 1.515 1.565 0.00 1.575 1.565 0.00 1.575 1.565 0.00 1.575 1.565 0.000 1.575 1.565 0.000 1.515 1.565 0.000 1.575 1.565 0.000 1.575 1.565 0.000 1.575 1.565 0.000 1.575 1.565 0.000 1.575 1.575 1.565 0.000 1.575 1.575 1.565 0.000 1.5755 1.5755 1.57555 1.575555555555555 | 5.84 3.01 17.18 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 1.39 7.06 20.71 11.88 0.00 1.71 1.83 3.10 2.72 1.39 7.06 2.71 1.88 0.071 1.83 3.10 2.72 1.39 7.06 2.75 1.388 6.82 0.00 1.39 1.388 6.82 0.00 1.39 1.39 1.88 1.82 1.83 1.88 1.82 1.88 1.82 1.88 1.82 1.83 1.83 1.83 1.82 1.88 1.82 1.83 1.88 1.89 1.88 1.88 1.88 1.88 1.88 1.89 1.89 1.88 1.88 1.88 1.88 1.89 1.89 1.88 1.88 1.88 1.89 1.89 1.88 1.88 1.89 1.89 1.89 1.89 1.88 1.88 1.88 1.88 1.89 1.89 1.89 1.89 1.89 1.89 1.89 1.89 1.89 1.89 1.89 1.89 1.89 1.89 1.89 1.89 1.89 1.89 1.96 1.86 1.96 1.96 1.96 1.96 1.96 1.96 1.96 1.96 1.96 1.96 1.96 1.96 1.96 1.96 1.96 1.96 1.96 1.96 1.86 1.96 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 441 14.49 17.10 4.41 14.49 17.10 41.15 24.35 21.39 11.76 10.27 13.39 16.77 33.24 25.73 8.52 6.83 11.06 12.81 18.15 40.16 31.65 27.76 21.30 4.04 11.48 31.45 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 27.63 20.03 31.73 22.05 31.01 29.88 31.73 22.05 31.01 29.88 25.46 39.72 36.64 20.23 23.57 37.50 35.85 22.78 15.70 24.68 15.70 24.68 15.70 24.68 15.70 24.68 15.70 24.68 15.70 24.68 15.70 24.68 15.70 24.68 15.70 24.50 15.70 24.50 15.70 24.68 15.70 24.68 15.70 24.68 15.70 24.75 15.70 24.68 15.70 24.75 15.70 24.78 15.70 24.85 15.70 24.85 15.70 24.85 15.70 24.85 15.70 24.85 15.70 24.85 15.70 24.85 15.70 24.85 15.70 24.85 15.70 24.85 15.70 24.85 15.70 24.98 15.70 24.98 15.70 24.98 15.70 24.98 15.70 25.46 23.57 35.85 23.57 35.85 23.57 35.85 23.70 24.85 23.75 22.78 15.70 24.85 23.75 23.75 23.57 35.88 23.57 35.88 23.57 35.88 23.57 35.88 23.75 35.88 23.75 35.88 23.75 35.88 23.75 35.88 23.75 35.88 23.75 35.88 23.70 24.88 15.70 24.88 25.98 15.70 24.83 25.98 15.70 24.83 25.98 15.70 24.83 25.98 25.98 25.98 25.98 25.70 25.78 25.78 25.78 25.78 25.78 25.78 25.78 25.78 25.78 25.78 27.70 24.68 25.98 25.78 25 | 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 35.10 29.13 5.30 14.35 41.09 41.44 29.82 36.13 24.34 4.63 4.24 4.63 4.24 13.66 3.90 9.68 24.71 31.45 4.79 13.37 2.57 | 8.17 2.26 1.12 0.97 18.15 3.47 6.28 10.04 11.46 4.38 19.40 7.25 4.40 0.99 5.97 6.06 11.27 12.73 6.93 3.53 2.89 7.42 10.02 20.50 20.69 8.69 8.41 1.16 0.000 7.93 2.17 4.21 5.96 2.75 2.75 | $\begin{array}{c} 3.76\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 1.85\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 1.85\\ 0.00\\ 4.59\\ 2.14\\ 1.37\\ 3.96\\ 3.01\\ 3.42\\ 9.14\\ 1.37\\ 3.96\\ 3.01\\ 3.42\\ 9.14\\ 1.37\\ 3.10\\ 0.00\\ 0.87\\ 2.10\\ 1.70\\ 14.82\\ 2.09\\ 0.00\\ 2.20\\ 1.70\\ 1.70\\ 14.82\\ 2.09\\ 0.00\\ 2.20\\ 1.70\\ 1.70\\ 14.82\\ 2.09\\ 0.00\\ 2.20\\ 1.70\\ 1.$ | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.91 0.00 0.91 0.00 0.92 1.07 0.00 0.92 1.07 0.00 0.92 1.07 0.00 0.92 1.07 0.00 0.92 1.07 0.00 0.92 1.07 0.00 0.92 1.07 0.00 0.00 0.92 1.07 0.00 0.00 0.92 1.07 0.00 | 0.00 | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.05 1.80 2.01 3.61 1.63 2.01 3.67 3.50 2.28 2.01 3.67 3.50 2.28 1.67 2.18 1.58 3.05 1.58 3.42 1.58 3.42 1.58 3.42 |
| 305 306 307 308 309 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 | 5/13/2014 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 | 17 10 10 10 10 10 10 10 11 11 11 11 | 53 0 11 17 20 24 58 7 14 53 37 46 17 23 37 46 53 0 6 17 33 38 44 50 58 9 15 21 28 35 41 47 21 23 9 14 40 45 51 57 | $\begin{array}{c} 0.00\\ 0.00\\ 2.33\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 14.85\\ 1.53\\ 1.46\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 9.97\\ 21.98\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 1.33\\ 0.00\\ 0.00\\ 0.00\\ 1.33\\ 0.00\\ 0.00\\ 0.00\\ 1.27\\ 1.$ | $\begin{array}{c} 0.00\\ 0.00\\ 1.95\\ 0.00\\ 1.12\\ 0.00\\ 1.01\\ 0.50\\ 6.72\\ 0.80\\ 1.91\\ 0.73\\ 0.00\\ 1.91\\ 0.73\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 1.81\\ 5.37\\ 0.00\\ 1.23\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.00\\ 1.77\\ 1.45\\ 1.98\\ 0.00\\ 0.00\\ 1.33\\ 1.16\\ 0.88\\ 4.34\\ 3.37\\ 0.85\\ 0.00\\ 0.00\\ 0.00\\ 1.33\\ 1.16\\ 0.88\\ 4.34\\ 3.37\\ 0.85\\ 0.00\\ 0.00\\ 0.00\\ 1.97\\ 1.70\\ 0.17\\$ | $\begin{array}{c} 2.83\\ 3.50\\ \hline 0.00\\ 5.98\\ 5.79\\ 1.01\\ 1.49\\ 9.86\\ 0.80\\ 2.67\\ 1.10\\ 0.80\\ 2.67\\ 1.10\\ 0.80\\ 2.67\\ 1.10\\ 0.80\\ 2.67\\ 1.10\\ 0.80\\ 2.67\\ 0.91\\ 0.92\\ 0.90\\ 0.43\\ 0.96\\ 0.00\\ 1.33\\ 0.96\\ 0.00\\ 1.33\\ 0.96\\ 0.00\\ 1.33\\ 0.96\\ 0.00\\ 1.33\\ 0.96\\ 0.00\\ 1.33\\ 0.96\\ 0.00\\ 0.13\\ 0.96\\ 0.00\\ 1.33\\ 0.95\\ 0.97\\ 13.01\\ 7.15\\ 2.56\\ 0.00\\ 0.00\\ 0.00\\ 0.01\\ 1.33\\ 0.95\\ 0.97\\ 1.01\\ 1.01\\ 0.00\\ 0.$ | 5.84 3.01 17.18 9.90 12.55 3.21 5.35 2.92 0.88 6.34 7.82 14.38 14.24 7.84 2.94 3.29 1.39 7.06 20.71 11.88 0.00 1.71 12.85 5.35 1.51 2.92 0.88 6.34 7.82 1.51 1.51 1.51 1.51 5.35 2.92 0.88 6.34 7.82 1.52 1.53 1.53 5.35 2.92 0.88 6.34 7.82 1.53 1.53 5.35 1.53 5.35 1.53 5.35 1.53 5.35 1.53 5.35 1.53 5.35 1.53 5.35 1.53 5.35 1.53 5.35 1.53 5.35 1.53 5.35 1.53 5.35 1.53 5.35 1.54 5.55 1.544 1.5444 1.544 1.544 1.544 1.544 1.544 1.544 1.544 1.544 1.5 | 16.73 22.18 32.12 38.13 6.05 34.65 14.79 10.44 16.81 10.60 4.41 14.49 17.10 41.15 24.35 21.39 11.76 10.27 13.39 16.77 33.24 25.73 8.52 6.83 11.06 12.81 18.15 40.16 38.18 27.76 31.65 27.76 31.45 33.52 | 28.79 46.99 32.87 26.07 22.18 32.67 18.83 25.69 25.98 38.73 18.52 27.63 20.03 31.73 31.73 22.05 31.01 22.05 31.01 22.05 31.01 22.05 31.01 22.05 31.01 23.57 35.08 23.57 35.08 23.57 23.50 35.85 22.78 15.70 24.68 10.84 23.98 15.70 24.68 10.84 23.98 15.70 24.68 10.84 23.98 15.70 24.68 10.84 23.99 23.97 19.94 19.94 19.94 19.94 10 | 29.96 29.96 24.44 8.22 5.79 43.86 12.38 16.14 25.29 25.60 37.27 50.70 23.55 12.21 6.94 11.02 23.17 37.23 36.96 35.10 29.13 5.30 29.13 5.30 14.35 41.09 41.44 29.82 36.13 24.34 4.63 4.24 13.66 3.90 9.68 24.71 31.45 34.79 13.37 7.64 | $\begin{array}{r} 8.17\\ 2.26\\ 1.12\\ 0.97\\ 18.15\\ 3.47\\ 6.28\\ 10.04\\ 11.46\\ 4.38\\ 19.40\\ 7.25\\ 4.40\\ 0.99\\ 5.97\\ 6.06\\ 11.27\\ 12.73\\ 6.93\\ 3.53\\ 2.89\\ 7.42\\ 10.02\\ 20.69\\ 8.69\\ 8.41\\ 1.16\\ 0.00\\ 7.93\\ 2.17\\ 4.21\\ 5.96\\ 27.40\\ 9.39\\ 2.75\\ 3.39\end{array}$ | $\begin{array}{c} 3.76\\ 3.76\\ 0.00\\ 0.00\\ 0.00\\ 4.03\\ 1.98\\ 4.48\\ 3.61\\ 5.35\\ 0.73\\ 3.53\\ 2.26\\ 2.93\\ 0.00\\ 4.59\\ 2.14\\ 3.92\\ 3.29\\ 2.14\\ 3.92\\ 3.29\\ 1.85\\ 0.00\\ 3.37\\ 3.96\\ 3.01\\ 3.42\\ 9.14\\ 1.37\\ 3.10\\ 0.00\\ 2.20\\ 0.87\\ 2.10\\ 1.70\\ 14.82\\ 2.09\\ 0.00\\ 2.12\\ \end{array}$ | $\begin{array}{c} 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.00\\ 0.91\\ 0.00\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.00\\ 0.92\\ 1.07\\ 0.00\\ 0.00\\ 0.00\\ 0.89\\ 0.00\\ 0.00\\ 0.88\\ 0.00\\ 0.00\\ 0.88\\ 0.00\\ 0.3.59\\ 0.00\\ 0.00\\ 0.00\\ 0.26\\ 0.00\\ 0.25\\ 0.00\\ 0.00\\ 0.25\\ 0.00\\ 0.00\\ 0.25\\ 0.00\\ 0.00\\ 0.25\\ 0.00\\ 0.00\\ 0.00\\ 0.25\\ 0.00\\ 0.00\\ 0.25\\ 0.00\\ 0.00\\ 0.00\\ 0.25\\ 0.00\\ 0.0$ | $\begin{array}{c} 0.00\\$ | 1.17 1.13 1.40 1.53 2.20 2.48 3.61 2.05 1.80 2.07 1.68 1.71 1.81 1.83 3.07 1.98 2.03 1.45 1.63 2.01 3.67 3.50 2.28 2.17 2.35 1.67 2.18 1.54 1.58 3.05 1.60 1.98 3.42 1.52 |

| 344 | 5/16/2014 | 12 | 30 | 8.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.26 | 5.66 | 15.09 | 15.72 | 23.90 | 29.56 |
|-----|-----------|----|----|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 345 | 5/16/2014 | 12 | 39 | 0.82 | 3.27 | 10.62 | 23.28 | 35.12 | 14.70 | 4.49 | 2.04 | 1.23 | 0.82 | 0.00 | 3.63 |
| 346 | 5/16/2014 | 12 | 44 | 0.00 | 0.00 | 0.00 | 4.25 | 21.25 | 44.09 | 22.84 | 3.72 | 1.59 | 0.00 | 0.00 | 2.25 |
| 347 | 5/16/2014 | 12 | 51 | 0.00 | 0.00 | 0.84 | 2.11 | 9.28 | 18.98 | 31.21 | 22.36 | 8.44 | 1.69 | 1.27 | 3.83 |
| 348 | 5/16/2014 | 12 | 56 | 0.00 | 0.00 | 0.00 | 0.00 | 2.74 | 8.23 | 15.08 | 32.45 | 31.53 | 5.03 | 1.37 | 3.58 |
| 349 | 5/16/2014 | 13 | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 1.26 | 5.89 | 17.66 | 39.52 | 23.97 | 5.89 | 1.68 | 4.13 |
| 350 | 5/16/2014 | 13 | 18 | 0.00 | 0.00 | 1.32 | 4.42 | 24.73 | 41.96 | 23.41 | 2.65 | 0.00 | 0.00 | 0.00 | 1.51 |
| 351 | 5/16/2014 | 13 | 24 | 0.00 | 1.13 | 4.14 | 14.69 | 35.79 | 30.14 | 10.17 | 1.51 | 0.00 | 0.00 | 0.75 | 1.68 |
| 352 | 5/16/2014 | 13 | 37 | 1.76 | 5.28 | 10.99 | 21.99 | 29.02 | 16.27 | 6.16 | 1.76 | 1.76 | 0.88 | 1.32 | 2.81 |
| 353 | 5/16/2014 | 13 | 55 | 19.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.62 | 2.62 | 2.62 | 1.75 | 6.11 | 65.09 |
| 354 | 5/16/2014 | 14 | 3 | 14.29 | 2.04 | 5.31 | 14.69 | 32.65 | 24.90 | 4.49 | 0.00 | 0.00 | 0.00 | 0.00 | 1.64 |
| 355 | 5/16/2014 | 14 | 11 | 0.00 | 0.00 | 0.00 | 0.00 | 5.93 | 34.42 | 51.04 | 5.93 | 0.79 | 0.00 | 0.00 | 1.88 |
| 356 | 5/16/2014 | 14 | 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.21 | 32.70 | 54.50 | 8.07 | 0.00 | 0.40 | 3.11 |
| 357 | 5/16/2014 | 14 | 25 | 0.00 | 0.00 | 0.00 | 0.00 | 2.78 | 17.12 | 34.71 | 20.83 | 16.20 | 3.24 | 1.39 | 3.74 |
| 358 | 5/16/2014 | 14 | 32 | 0.00 | 0.00 | 0.00 | 0.00 | 3.27 | 15.88 | 32.24 | 19.62 | 14.95 | 5.14 | 2.80 | 6.10 |
| 359 | 5/16/2014 | 14 | 44 | 0.00 | 0.00 | 0.00 | 1.82 | 14.58 | 40.55 | 34.17 | 5.47 | 1.37 | 0.00 | 0.00 | 2.05 |
| 360 | 5/16/2014 | 14 | 53 | 31.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.65 | 0.00 | 1.96 | 2.62 | 1.96 | 3.93 | 57.45 |
| 361 | 5/16/2014 | 15 | 6 | 0.00 | 0.00 | 2.69 | 11.64 | 39.84 | 36.26 | 7.16 | 0.45 | 0.45 | 0.00 | 0.00 | 1.51 |
| 362 | 5/16/2014 | 15 | 12 | 0.00 | 1.15 | 1.92 | 8.43 | 22.61 | 29.89 | 25.67 | 6.90 | 1.53 | 0.00 | 0.00 | 1.92 |
| 363 | 5/16/2014 | 15 | 19 | 0.00 | 0.00 | 0.00 | 1.29 | 5.60 | 19.39 | 37.05 | 24.56 | 9.05 | 1.29 | 0.00 | 1.77 |
| 364 | 5/16/2014 | 15 | 20 | 0.00 | 0.00 | 0.00 | 0.86 | 5.19 | 16.42 | 35.44 | 30.25 | 8.21 | 1.73 | 0.00 | 1.89 |
| 365 | 5/16/2014 | 15 | 45 | 0.00 | 0.00 | 0.00 | 0.56 | 6.18 | 17.96 | 35.37 | 25.82 | 10.67 | 1.12 | 0.00 | 2.32 |
| 366 | 5/16/2014 | 15 | 56 | 0.00 | 0.00 | 0.41 | 7.71 | 26.37 | 34.49 | 19.88 | 8.12 | 1.62 | 0.00 | 0.00 | 1.40 |
| 367 | 5/16/2014 | 16 | 7 | 0.00 | 0.00 | 0.00 | 0.86 | 6.88 | 18.91 | 38.67 | 21.92 | 8.16 | 1.72 | 0.86 | 2.02 |
| 368 | 5/16/2014 | 16 | 12 | 0.00 | 0.00 | 0.44 | 4.40 | 16.28 | 32.99 | 33.87 | 9.24 | 1.32 | 0.00 | 0.00 | 1.46 |
| 369 | 5/16/2014 | 16 | 18 | 7.62 | 4.57 | 7.24 | 11.82 | 19.44 | 16.39 | 12.20 | 9.91 | 6.48 | 1.52 | 0.76 | 2.04 |
| 370 | 5/16/2014 | 16 | 27 | 0.00 | 0.00 | 0.00 | 1.48 | 5.91 | 16.75 | 35.46 | 20.69 | 6.90 | 2.46 | 1.97 | 8.38 |
| 371 | 5/16/2014 | 16 | 39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.10 | 7.88 | 14.71 | 8.40 | 13.13 | 53.78 |
| 372 | 5/16/2014 | 16 | 46 | 0.00 | 1.06 | 2.48 | 8.50 | 25.87 | 34.02 | 20.20 | 5.67 | 1.06 | 0.00 | 0.00 | 1.13 |
| 373 | 5/16/2014 | 16 | 57 | 20.59 | 4.72 | 3.00 | 6.43 | 14.15 | 18.01 | 14.58 | 8.58 | 5.58 | 1.72 | 0.86 | 1.78 |
| 374 | 5/16/2014 | 17 | 4 | 0.00 | 0.00 | 0.00 | 3.11 | 15.18 | 36.97 | 31.52 | 10.12 | 1.95 | 0.00 | 0.00 | 1.16 |
| 375 | 5/16/2014 | 17 | 8 | 0.00 | 0.00 | 0.00 | 0.44 | 11.42 | 36.46 | 34.71 | 10.10 | 3.08 | 1.32 | 0.88 | 1.59 |
| 376 | 5/16/2014 | 17 | 14 | 0.00 | 0.00 | 1.28 | 5.98 | 24.34 | 41.84 | 22.63 | 2.56 | 0.00 | 0.00 | 0.00 | 1.38 |
| 377 | 5/16/2014 | 17 | 23 | 0.00 | 0.00 | 0.94 | 4.72 | 21.70 | 36.33 | 30.20 | 4.72 | 0.00 | 0.00 | 0.00 | 1.39 |
| 378 | 5/16/2014 | 17 | 28 | 2.32 | 0.46 | 1.86 | 7.43 | 22.30 | 30.20 | 20.91 | 10.22 | 2.79 | 0.00 | 0.00 | 1.50 |
| 379 | 5/16/2014 | 17 | 34 | 0.00 | 0.85 | 4.69 | 11.09 | 26.01 | 29.00 | 16.21 | 5.97 | 2.99 | 1.28 | 0.00 | 1.91 |
| 380 | 5/16/2014 | 17 | 40 | 0.00 | 0.00 | 0.00 | 0.46 | 7.35 | 13.78 | 8.27 | 3.22 | 3.68 | 10.11 | 26.19 | 26.94 |
| 381 | 5/17/2014 | 8 | 1 | 0.00 | 0.00 | 0.00 | 2.86 | 21.65 | 35.55 | 22.88 | 6.54 | 4.90 | 1.63 | 1.23 | 2.76 |
| 382 | 5/17/2014 | 10 | 33 | 0.00 | 0.00 | 0.00 | 3.16 | 15.32 | 36.96 | 25.24 | 7.21 | 3.16 | 2.25 | 1.80 | 4.89 |
| 383 | 5/17/2014 | 14 | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 3.28 | 9.02 | 14.34 | 14.34 | 13.12 | 8.61 | 17.62 | 19.67 |

A.3 Sediment Characteristics

| | | | | | | Bulk Sediment | | | | | | | |
|---------|------------|-----|------|---------------|----------|-----------------|---------|----------------|---------|-------|---------|-------|---------|
| Core ID | Date | Hr. | Min. | Water content | Porosity | Density (g/cm3) | LOI (%) | D50 coarse (Φ) | D50 all | D10 c | D10 all | D90 c | D90 all |
| 1 | 11/12/2012 | 10 | 19 | 0.46 | 0.70 | 0.82 | 4.83 | 3.71 | | 3.93 | | 3.48 | 3.57 |
| 2 | 11/12/2012 | 10 | 45 | 0.37 | 0.62 | 1.06 | 3.50 | 1.91 | 3.35 | 3.69 | | 0.98 | 1.15 |
| 3 | 11/12/2012 | 10 | 56 | 0.23 | 0.45 | 1.50 | 1.53 | 1.85 | 1.99 | 3.65 | | 1.03 | 1.08 |
| 4 | 11/12/2012 | 11 | 4 | 0.23 | 0.45 | 1.52 | 1.58 | 1.75 | 1.83 | 3.49 | | 0.87 | 0.97 |
| 5 | 11/12/2012 | 11 | 24 | 0.21 | 0.42 | 1.60 | 1.29 | 1.65 | 1.73 | 3.16 | 3.93 | 0.38 | 0.49 |
| 6 | 11/12/2012 | 11 | 36 | 0.24 | 0.47 | 1.47 | 3.53 | 1.61 | 1.69 | 3.07 | 3.91 | 0.41 | 0.50 |
| 7 | 11/13/2012 | 6 | 54 | 0.54 | 0.77 | 0.64 | 6.77 | 3.49 | | 3.89 | | 2.51 | 3.43 |
| 8 | 11/13/2012 | 7 | 10 | 0.13 | 0.28 | 1.97 | 0.84 | 0.76 | 0.78 | 1.70 | 1.88 | -0.37 | -0.35 |
| 9 | 11/13/2012 | 7 | 27 | 0.18 | 0.38 | 1.70 | 0.69 | 1.43 | 1.44 | 1.99 | 2.10 | 0.84 | 0.85 |
| 10 | 11/13/2012 | 7 | 43 | 0.34 | 0.58 | 1.14 | 2.84 | 2.54 | 2.74 | 3.16 | | 1.89 | 2.01 |
| 11 | 11/13/2012 | 7 | 58 | 0.21 | 0.43 | 1.57 | 0.93 | 2.00 | 2.03 | 2.79 | 2.88 | 1.27 | 1.28 |
| 12 | 11/13/2012 | 8 | 10 | 0.24 | 0.47 | 1.45 | 0.99 | 2.45 | 2.48 | 3.31 | 3.42 | 1.53 | 1.54 |
| 13 | 11/13/2012 | 8 | 23 | 0.56 | 0.78 | 0.60 | 8.45 | 3.55 | | 3.90 | | 2.85 | 3.33 |
| 14 | 11/13/2012 | 8 | 29 | 0.24 | 0.47 | 1.45 | 1.95 | 0.99 | 1.27 | 3.48 | | 0.09 | 0.15 |
| 15 | 11/13/2012 | 8 | 33 | 0.28 | 0.51 | 1.34 | 2.10 | 1.15 | 1.30 | 2.56 | | 0.33 | 0.43 |
| 16 | 11/13/2012 | 8 | 40 | 0.21 | 0.43 | 1.57 | 0.83 | 1.41 | 1.45 | 2.01 | 2.34 | 0.72 | 0.74 |
| 17 | 11/13/2012 | 9 | 28 | 0.23 | 0.45 | 1.50 | 1.16 | 1.77 | 1.87 | 2.77 | 3.98 | 1.03 | 1.05 |
| 18 | 11/13/2012 | 9 | 43 | 0.23 | 0.46 | 1.50 | 0.97 | 1.67 | 1.75 | 2.80 | 3.37 | 0.98 | 1.01 |
| 19 | 11/13/2012 | 9 | 50 | 0.52 | 0.75 | 0.68 | 5.97 | 2.18 | | 3.74 | | 1.19 | 1.50 |
| 20 | 11/13/2012 | 9 | 58 | 0.15 | 0.32 | 1.87 | 0.77 | 0.84 | 0.86 | 1.50 | 1.68 | -0.01 | 0.01 |
| 21 | 11/13/2012 | 10 | 6 | 0.22 | 0.44 | 1.54 | 1.63 | 1.12 | 1.67 | 3.32 | | 0.18 | 0.25 |
| 22 | 11/13/2012 | 16 | 57 | 0.16 | 0.34 | 1.81 | 0.43 | 1.03 | 1.04 | 1.65 | 1.76 | 0.31 | 0.32 |
| 23 | 11/13/2012 | 17 | 1 | 0.20 | 0.40 | 1.64 | 0.43 | 1.04 | 1.05 | 1.71 | 1.77 | 0.36 | 0.37 |
| 24 | 11/13/2012 | 17 | 4 | 0.15 | 0.33 | 1.84 | 0.50 | 1.52 | 1.55 | 2.34 | 2.47 | 0.52 | 0.54 |
| 25 | 11/13/2012 | 17 | 9 | 0.21 | 0.43 | 1.58 | 0.65 | 1.85 | 1.86 | 2.43 | 2.52 | 1.30 | 1.31 |
| 26 | 11/13/2012 | 17 | 16 | 0.32 | 0.57 | 1.19 | 2.93 | 2.82 | 3.26 | 3.72 | | 1.60 | 1.82 |
| 27 | 11/14/2012 | 6 | 58 | 0.51 | 0.75 | 0.69 | 5.59 | 3.09 | | 3.83 | | 1.54 | 2.37 |
| 28 | 11/14/2012 | 7 | 1 | 0.21 | 0.43 | 1.58 | 1.53 | 0.73 | 0.82 | 1.90 | | 0.00 | 0.03 |
| 29 | 11/14/2012 | 7 | 6 | 0.25 | 0.48 | 1.43 | 1.04 | 1.16 | 1.32 | 2.54 | | 0.34 | 0.50 |
| 30 | 11/14/2012 | 7 | 14 | 0.16 | 0.35 | 1.79 | 0.62 | 1.29 | 1.32 | 2.08 | 2.32 | 0.55 | 0.56 |
| 31 | 11/14/2012 | 7 | 23 | 0.20 | 0.41 | 1.61 | 0.62 | 1.97 | 2.01 | 2.93 | 3.18 | 0.73 | 0.78 |
| 32 | 11/14/2012 | 7 | 52 | 0.70 | 0.87 | 0.35 | 10.66 | 1.37 | | 1.85 | | 1.07 | |
| 33 | 11/14/2012 | 7 | 59 | 0.21 | 0.42 | 1.60 | 0.97 | 1.22 | 1.25 | 1.99 | 2.44 | 0.26 | 0.29 |
| 34 | 11/14/2012 | 8 | 4 | 0.16 | 0.35 | 1.80 | 1.04 | 1.37 | 1.40 | 2.35 | 2.53 | 0.31 | 0.33 |
| 35 | 11/14/2012 | 8 | 7 | 0.18 | 0.38 | 1.70 | 0.73 | 1.35 | 1.36 | 2.10 | 2.21 | 0.48 | 0.50 |
| 36 | 11/14/2012 | 8 | 57 | 0.23 | 0.46 | 1.50 | 0.91 | 1.48 | 1.51 | 1.96 | 2.06 | 1.05 | 1.06 |
| 37 | 11/14/2012 | 9 | 0 | 0.21 | 0.43 | 1.58 | 0.93 | 1.38 | 1.40 | 1.93 | 1.98 | 0.86 | 0.87 |
| 38 | 11/14/2012 | 9 | 3 | 0.24 | 0.47 | 1.46 | 1.40 | 1.37 | 1.44 | 2.99 | | 0.69 | 0.73 |
| 39 | 11/14/2012 | 9 | 6 | 0.18 | 0.37 | 1.73 | 1.23 | 1.33 | 1.37 | 2.02 | 2.37 | 0.47 | 0.50 |
| 40 | 11/14/2012 | 9 | 11 | 0.35 | 0.60 | 1.09 | 2.69 | 2.03 | 2.80 | 2.99 | | 1.14 | 1.51 |
| 41 | 11/14/2012 | 9 | 19 | 0.34 | 0.59 | 1 13 | 3.34 | 3.65 | 3.89 | 3.92 | | 3.02 | 3.24 |

| 42 | 11/1/2012 | 0 | 22 | 0.25 | 0.49 | 1.42 | 1.07 | 1.75 | 1.00 | 2.00 | | 0.04 | 1.02 |
|--|--|---|--|--|--|--|---|---|---|---|--|---|---|
| 42 | 11/14/2012 | 9 | 23 | 0.23 | 0.48 | 1.43 | 1.27 | 1.75 | 1.88 | 3.00 | | 0.94 | 1.02 |
| 45 | 11/14/2012 | 9 | 33 | 0.30 | 0.54 | 1.25 | 2.10 | 1.84 | 2.68 | 3.80 | | 0.80 | 0.99 |
| 44 | 11/14/2012 | 9 | 37 | 0.23 | 0.45 | 1.52 | 1 43 | 1.61 | 1.65 | 2 30 | 2 46 | 0.68 | 0.71 |
| 45 | 11/11/2012 | ó | 31 | 0.14 | 0.10 | 0.04 | 1.15 | 2.71 | 1.05 | 2.00 | 2.10 | 0.00 | 2.00 |
| 45 | 11/14/2012 | 9 | 44 | 0.44 | 0.69 | 0.86 | 4.45 | 3./1 | | 3.93 | | 3.49 | 3.60 |
| 46 | 11/14/2012 | 9 | 47 | 0.18 | 0.38 | 1.70 | 0.93 | 1.58 | 1.64 | 2.81 | 3.66 | 0.58 | 0.62 |
| 47 | 11/14/2012 | 10 | 15 | 0.45 | 0.70 | 0.84 | 5.07 | 3 69 | | 3 93 | | 3 38 | 3 58 |
| 47 | 11/14/2012 | 10 | 15 | 0.45 | 0.70 | 0.04 | 5.07 | 5.07 | | 5.75 | | 5.50 | 5.50 |
| 48 | 11/14/2012 | 10 | 26 | 0.31 | 0.56 | 1.21 | 3.11 | 1.91 | 3.22 | 3.72 | | 0.79 | 1.05 |
| 49 | 11/14/2012 | 10 | 30 | 0.22 | 0.44 | 1.55 | 1.54 | 1.65 | 1.71 | 3.09 | 3.60 | 0.76 | 0.80 |
| 50 | 11/14/2012 | 10 | 4.4 | 0.25 | 0.49 | 1.44 | 1.20 | 1.01 | 2.00 | 2.74 | | 0.90 | 1.02 |
| 50 | 11/14/2012 | 10 | 44 | 0.23 | 0.48 | 1.44 | 1.28 | 1.81 | 2.08 | 3.74 | | 0.89 | 1.03 |
| 51 | 11/14/2012 | 10 | 48 | 0.31 | 0.55 | 1.24 | 5.76 | 2.13 | 3.61 | 3.83 | | 1.11 | 1.28 |
| 52 | 11/14/2012 | 11 | 9 | 0.20 | 0.40 | 1.64 | 1 38 | 1 44 | 1.51 | 2.67 | 3 36 | 0.50 | 0.52 |
| 52 | 11/14/2012 | 11 | | 0.20 | 0.40 | 1.04 | 1.50 | 1.44 | 1.51 | 2.07 | 5.50 | 0.50 | 0.52 |
| 53 | 11/14/2012 | 11 | 17 | 0.40 | 0.65 | 0.97 | 5.79 | 1.48 | 3.89 | 3.68 | | 0.57 | 0.86 |
| 54 | 11/14/2012 | 11 | 22 | 0.20 | 0.41 | 1.61 | 1.08 | 1.06 | 1.09 | 1.95 | 2.10 | 0.02 | 0.04 |
| | 11/11/2012 | | 22 | 0.20 | 0.11 | 1.01 | 1.00 | 1.00 | 1.0) | 1.55 | 2.10 | 0.02 | 0.01 |
| 22 | 11/14/2012 | 11 | 28 | 0.19 | 0.40 | 1.65 | 0.92 | 1.17 | 1.25 | 2.21 | 2.46 | -0.37 | -0.54 |
| 56 | 11/14/2012 | 11 | 34 | 0.25 | 0.47 | 1.44 | 1.27 | 1.43 | 1.50 | 2.17 | 2.80 | 0.60 | 0.64 |
| 57 | 11/15/2012 | 12 | 57 | 0.10 | 0.40 | 1.65 | 1 20 | 1.10 | 1.12 | 2.25 | 2.54 | 0.05 | 0.00 |
| 57 | 11/15/2012 | 12 | 51 | 0.19 | 0.40 | 1.05 | 1.57 | 1.10 | 1.15 | 2.25 | 2.54 | -0.05 | 0.00 |
| 58 | 11/15/2012 | 13 | 51 | 0.23 | 0.45 | 1.50 | 0.53 | 1.28 | 1.30 | 1.99 | 2.09 | 0.57 | 0.58 |
| 59 | 11/15/2012 | 13 | 57 | 0.21 | 0.43 | 1.57 | 0.74 | 1.41 | 1.42 | 1.96 | 1.98 | 0.83 | 0.83 |
| 60 | 11/15/2012 | 1.4 | 4 | 0.24 | 0.47 | 1.47 | 0.04 | 0.02 | 0.07 | 1.04 | 2.25 | 0.12 | 0.14 |
| 00 | 11/13/2012 | 14 | 4 | 0.24 | 0.47 | 1.4/ | 0.94 | 0.93 | 0.97 | 1.94 | 2.23 | 0.12 | 0.14 |
| 61 | 11/15/2012 | 14 | 19 | 0.23 | 0.45 | 1.52 | 1.11 | 1.48 | 1.53 | 2.36 | 3.02 | 0.68 | 0.70 |
| 62 | 11/15/2012 | 14 | 45 | 0.23 | 0.46 | 1.50 | 0.66 | 1.09 | 1.10 | 1.75 | 1.81 | 0.48 | 0.49 |
| (2 | 11/15/2012 | 1.4 | 51 | 0.11 | 0.20 | 2.03 | 0.59 | 1.07 | 1.00 | 1.90 | 1.04 | 0.22 | 0.21 |
| 0.5 | 11/15/2012 | 14 | 51 | 0.11 | 0.20 | 2.03 | 0.58 | 1.07 | 1.09 | 1.89 | 1.94 | -0.33 | -0.31 |
| 64 | 5/14/2013 | 10 | 6 | 0.58 | 0.80 | 0.56 | 5.94 | 3.70 | | 3.93 | | 3.48 | 3.74 |
| 65 | 5/14/2013 | 10 | 15 | 0.56 | 0.78 | 0.59 | 5.87 | 3 73 | 1 | 3 94 | | 3 53 | 3.83 |
| 05 | 5/11/2015 | 10 | 10 | 0.50 | 0.70 | 0.57 | 5.01 | 3.75 | | 0.01 | | 0.00 | 3.05 |
| 66 | 5/14/2013 | 10 | 26 | 0.52 | 0.75 | 0.68 | 5.03 | 3.70 | | 3.93 | | 3.45 | 3.62 |
| 67 | 5/14/2013 | 10 | 35 | 0.46 | 0.71 | 0.81 | 4.12 | 3.59 | I – | 3.91 | | 1.02 | 2.96 |
| 68 | 5/14/2012 | 11 | 0 | 0.22 | 0.46 | 1.50 | 1 23 | 1 00 | 2 3 8 | 3 77 | | 1 22 | 1 30 |
| 00 | 5/14/2015 | 11 | | 0.43 | 0.40 | 1.50 | 1.23 | 1.99 | 2.30 | 2.11 | | 1.44 | 1.50 |
| 69 | 5/14/2013 | 11 | 16 | 0.29 | 0.53 | 1.28 | 1.81 | 1.61 | 1.80 | 3.50 | | 0.02 | 0.16 |
| 70 | 5/14/2013 | 15 | 42 | 0.24 | 0.47 | 1.45 | 0.60 | 1.69 | 1.73 | 2.44 | 2.75 | 0.89 | 0.91 |
| 71 | 5/14/2012 | 15 | 50 | 0.21 | 0.42 | 1 50 | 0.00 | 1.07 | 2.02 | 2.05 | 2 5 2 | 0.61 | 0.40 |
| /1 | 5/14/2015 | 13 | 58 | 0.21 | 0.45 | 1.38 | 0.98 | 1.90 | 2.03 | 5.05 | 5.55 | 0.01 | 0.09 |
| 72 | 5/14/2013 | 16 | 4 | 0.19 | 0.39 | 1.69 | 1.08 | 1.31 | 1.40 | 2.83 | 3.83 | | l |
| 73 | 5/14/2013 | 16 | 14 | 0.21 | 0.42 | 1.59 | 1.31 | 0.99 | 1.08 | 1.77 | | 0.26 | 0.33 |
| 74 | 5/14/2012 | 14 | 21 | 0.25 | 0.40 | 1 10 | 2.24 | 0.07 | 1 20 | 2 17 | | 0.04 | 0.14 |
| /4 | 3/14/2013 | 10 | 21 | 0.55 | 0.00 | 1.10 | 3.24 | 0.96 | 1.29 | 5.17 | | 0.00 | 0.14 |
| 75 | 5/14/2013 | 16 | 37 | 0.56 | 0.78 | 0.61 | 6.94 | 3.36 | 1 | 3.88 | | 1.71 | 2.79 |
| 76 | 5/14/2012 | 16 | <u>41</u> | 0.31 | 0.55 | 1 22 | 1 46 | 2 72 | 2.87 | 3.67 | | 2.04 | 2.07 |
| 70 | 5/17/2013 | 10 | | 0.51 | 0.33 | 1.40 | 1.40 | 2.13 | 2.07 | 2.07 | 2.44 | 0.00 | 2.07 |
| 77 | 5/14/2013 | - 17 | 25 | 0.24 | 0.46 | 1.48 | 1.10 | 1.76 | 1.83 | 2.71 | 3.46 | 0.92 | 0.97 |
| 78 | 5/14/2013 | 17 | 33 | 0.15 | 0.33 | 1.85 | 1.49 | 0.82 | 0.86 | 1.62 | 1.93 | 0.03 | 0.04 |
| 79 | 5/14/2013 | 17 | 30 | 0.36 | 0.61 | 1.08 | 2.55 | 1 23 | 2.41 | 3.66 | | 0.05 | 0.19 |
| ,, | 5/14/2015 | 17 | 57 | 0.50 | 0.01 | 1.00 | 2.55 | 1.25 | 2.41 | 5.00 | | 0.05 | 0.17 |
| 80 | 5/14/2013 | 17 | 49 | 0.48 | 0.72 | 0.77 | 3.69 | 3.52 | | 3.90 | | 2.77 | 3.14 |
| 81 | 5/15/2013 | 9 | 21 | 0.26 | 0.50 | 1.39 | 1.91 | 1.61 | 1.77 | 2.53 | | 0.45 | 0.55 |
| 82 | 5/15/2013 | 9 | 33 | 0.14 | 0.31 | 1.89 | 0.91 | 1 24 | 1.28 | 1.97 | 2 20 | 0.18 | 0.21 |
| 02 | 5/15/2015 | | 55 | 0.14 | 0.51 | 1.07 | 0.71 | 1.24 | 1.20 | 1.57 | 2.20 | 0.10 | 0.21 |
| 83 | 5/15/2013 | 9 | 41 | 0.29 | 0.54 | 1.28 | 2.15 | 1.82 | 1.99 | 2.73 | | 1.15 | 1.23 |
| 84 | 5/15/2013 | 13 | 58 | 0.50 | 0.74 | 0.73 | 4.11 | 1.65 | 3.88 | 3.67 | | 0.79 | 1.06 |
| 85 | 5/15/2012 | 14 | 7 | 0.20 | 0.41 | 1.61 | 1 20 | 0.01 | 1.02 | 1.68 | | 0.10 | 0.14 |
| 85 | 3/13/2013 | 14 | / | 0.20 | 0.41 | 1.01 | 1.29 | 0.91 | 1.02 | 1.08 | | 0.10 | 0.14 |
| 86 | 5/15/2013 | 14 | 20 | 0.70 | 0.87 | 0.36 | 4.63 | 1.58 | | 3.68 | | 0.80 | 1.54 |
| 87 | 5/15/2013 | 14 | 32 | 0.14 | 0.31 | 1 91 | 0.64 | 1.17 | 1 18 | 1.88 | 1.92 | 0.24 | 0.26 |
| 00 | 5/15/2012 | 1.4 | 40 | 0.10 | 0.40 | 1.((| 0.75 | 1.00 | 1.02 | 1.70 | 1.07 | 0.20 | 0.21 |
| 88 | 5/15/2013 | 14 | 40 | 0.19 | 0.40 | 1.66 | 0.75 | 1.00 | 1.02 | 1.79 | 1.8/ | 0.20 | 0.21 |
| 89 | 5/15/2013 | 14 | 45 | 0.24 | 0.47 | 1.45 | 1.66 | 1.45 | 1.55 | 2.27 | | 0.52 | 0.56 |
| 90 | 5/15/2013 | 14 | 52 | 0.63 | 0.83 | 0.48 | 6.76 | 3 24 | | 3.87 | | 2.02 | 3 22 |
| 90 | 5/15/2013 | 14 | 52 | 0.03 | 0.85 | 0.48 | 0.70 | J.24 | 1.80 | 3.87 | | 2.02 | 3.22 |
| 91 | 5/15/2013 | 15 | 1 | 0.21 | 0.43 | 1.58 | 0.68 | 1.69 | 1.70 | 2.22 | 2.28 | 1.13 | 1.14 |
| 92 | 5/15/2013 | 15 | 8 | 0.08 | 0.20 | 2.19 | 0.86 | 0.09 | 0.12 | 1.87 | 1 97 | -0.96 | -0.95 |
| 02 | 5/15/2012 | 15 | 15 | 0.65 | 0.04 | 0.44 | 0.60 | 1.11 | 0112 | 2.00 | | 0.00 | 017.0 |
| 95 | 5/15/2015 | 1.5 | 15 | 1/03 | 11 0 / | 0.44 | 0.00 | 1.11 | | / 1111 | | 11 211 | 0.42 |
| 94 | 5/15/2012 | - | | 0.05 | 0.84 | | | | | 2.07 | | -0.39 | 0.43 |
| | 5/15/2015 | 15 | 24 | 0.15 | 0.84 | 1.86 | 1.17 | 0.78 | 0.83 | 1.68 | 1.94 | -0.39 | 0.43 |
| 95 | 5/15/2013 | 15 | 24 59 | 0.15 | 0.84 0.32 0.51 | 1.86 | 1.17 | 0.78 | 0.83 | 1.68 | 1.94 | -0.39 -0.06 2.06 | 0.43 -0.03 2.07 |
| 95 | 5/15/2013 | 15 15 | 24 59 | 0.15 | 0.84 0.32 0.51 | 1.86 1.36 | 1.17 | 0.78 2.59 1.20 | 0.83 | 1.68 3.30 | 1.94 3.91 | -0.39 -0.06 2.06 | 0.43 -0.03 2.07 |
| 95 96 | 5/15/2013 5/15/2013 5/15/2013 | 15 15 16 | 24 59 8 | 0.15 0.27 0.19 | 0.84 0.32 0.51 0.39 | 1.86 1.36 1.67 | 1.17 1.21 0.69 | 0.78 2.59 1.20 | 0.83 2.65 1.22 | 1.68 3.30 1.85 | 1.94 3.91 1.91 | -0.39 -0.06 2.06 0.52 | 0.43 -0.03 2.07 0.52 |
| 95 96 97 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 | 15 15 16 16 | 24 59 8 15 | 0.15 0.27 0.19 0.14 | 0.84 0.32 0.51 0.39 0.31 | 1.86 1.36 1.67 1.89 | 1.17 1.21 0.69 0.76 | 0.78 2.59 1.20 1.02 | 0.83 2.65 1.22 1.04 | 1.68 3.30 1.85 1.78 | 1.94 3.91 1.91 1.91 | -0.39 -0.06 2.06 0.52 0.15 | 0.43 -0.03 2.07 0.52 0.16 |
| 95 96 97 98 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 | 15 15 16 16 | 24 59 8 15 21 | 0.15 0.27 0.19 0.14 0.15 | 0.84 0.32 0.51 0.39 0.31 0.33 | 1.86 1.36 1.67 1.89 | 1.17 1.21 0.69 0.76 0.92 | 0.78 2.59 1.20 1.02 0.82 | 0.83 2.65 1.22 1.04 0.85 | 1.68 3.30 1.85 1.78 1.53 | 1.94 3.91 1.91 1.91 1.84 | -0.39 -0.06 2.06 0.52 0.15 -0.22 | 0.43 -0.03 2.07 0.52 0.16 -0.18 |
| 95 96 97 98 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 | 15 15 16 16 | 24 59 8 15 21 | 0.15 0.27 0.19 0.14 0.15 | 0.84 0.32 0.51 0.39 0.31 0.33 | 1.86 1.36 1.67 1.89 1.84 | 1.17 1.21 0.69 0.76 0.92 | 0.78 2.59 1.20 1.02 0.82 | 0.83 2.65 1.22 1.04 0.85 | 1.68 3.30 1.85 1.78 1.53 | 1.94 3.91 1.91 1.91 1.84 | -0.39 -0.06 2.06 0.52 0.15 -0.22 | 0.43 -0.03 2.07 0.52 0.16 -0.18 |
| 95 96 97 98 99 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 | 15 15 16 16 16 16 | 24 59 8 15 21 28 | 0.15 0.27 0.19 0.14 0.15 0.28 | 0.84 0.32 0.51 0.39 0.31 0.33 0.52 | 1.86 1.36 1.67 1.89 1.84 1.31 | 1.17 1.21 0.69 0.76 0.92 1.32 | 0.78 2.59 1.20 1.02 0.82 0.53 | 0.83 2.65 1.22 1.04 0.85 0.81 | 1.68 3.30 1.85 1.78 1.53 2.47 | 1.94 3.91 1.91 1.91 1.84 | -0.39 -0.06 2.06 0.52 0.15 -0.22 -0.46 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 |
| 95 96 97 98 99 100 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 | 15 15 16 16 16 16 16 | 24 59 8 15 21 28 40 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 | 0.84 0.32 0.51 0.39 0.31 0.33 0.52 0.44 | 1.86 1.36 1.67 1.89 1.84 1.31 1.55 | 1.17 1.21 0.69 0.76 0.92 1.32 0.89 | 0.78 2.59 1.20 1.02 0.82 0.53 1.31 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 | 1.68 3.30 1.85 1.78 1.53 2.47 2.08 | 1.94 3.91 1.91 1.91 1.84 2.34 | -0.39 -0.06 2.06 0.52 0.15 -0.22 -0.46 0.67 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 |
| 95 96 97 98 99 100 | 5/13/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 | 15 15 16 16 16 16 16 16 | 24 59 8 15 21 28 40 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 | 0.84 0.32 0.51 0.39 0.31 0.33 0.52 0.44 | 1.86 1.36 1.67 1.89 1.84 1.31 1.55 | 1.17 1.21 0.69 0.76 0.92 1.32 0.89 | 0.78 2.59 1.20 1.02 0.82 0.53 1.31 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 | 1.68 3.30 1.85 1.78 1.53 2.47 2.08 | 1.94 3.91 1.91 1.91 1.84 2.34 | -0.39 -0.06 2.06 0.52 0.15 -0.22 -0.46 0.67 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 |
| 95 96 97 98 99 100 101 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 | 15 15 16 16 16 16 16 16 | 24 59 8 15 21 28 40 48 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 | 0.84 0.32 0.51 0.39 0.31 0.33 0.52 0.44 0.42 | 1.86 1.36 1.67 1.89 1.84 1.31 1.55 1.61 | 1.17 1.21 0.69 0.76 0.92 1.32 0.89 0.73 | 0.78 2.59 1.00 0.82 0.53 1.31 2.07 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 | 1.68 3.30 1.85 1.78 1.53 2.47 2.08 2.92 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 | -0.39 -0.06 2.06 0.52 0.15 -0.22 -0.46 0.67 0.69 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 |
| 95 96 97 98 99 100 101 101 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 | 15 15 16 16 16 16 16 16 16 | 24 59 8 15 21 28 40 48 54 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 | 0.84 0.32 0.51 0.39 0.31 0.33 0.52 0.44 0.42 0.48 | 1.86 1.36 1.67 1.89 1.84 1.31 1.55 1.61 <u>1.43</u> | 1.17 1.21 0.69 0.76 0.92 1.32 0.89 0.73 1.24 | 0.78 2.59 1.20 1.02 0.82 0.53 1.31 2.07 1.79 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 | 1.68 3.30 1.85 1.78 1.53 2.47 2.08 2.92 2.83 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 | -0.39 -0.06 2.06 0.52 -0.22 -0.46 0.67 0.69 1.10 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 |
| 95 96 97 98 99 100 101 102 103 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 | 15 15 16 16 16 16 16 16 16 16 13 | 24 59 8 15 21 28 40 48 54 3 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 | 0.84 0.32 0.51 0.39 0.31 0.33 0.52 0.44 0.42 0.48 0.73 | 1.86 1.36 1.67 1.89 1.84 1.31 1.55 1.61 1.43 0.75 | 1.17 1.21 0.69 0.76 0.92 1.32 0.89 0.73 1.24 4.29 | 0.78 2.59 1.20 0.82 0.53 1.31 2.07 1.79 2.24 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 | 1.68 3.30 1.85 1.78 1.53 2.47 2.08 2.92 2.83 3.82 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 | -0.39 -0.06 2.06 0.52 0.15 -0.22 -0.46 0.67 0.69 1.10 1.45 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 |
| 95 96 97 98 99 100 101 102 103 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $ \begin{array}{r} 15 \\ 15 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 13 \\ 12 \\ 12 12 $ | 24 59 8 15 21 28 40 48 54 3 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.22 | 0.84 0.32 0.51 0.39 0.31 0.33 0.52 0.44 0.42 0.48 0.73 0.41 | 1.86 1.36 1.67 1.89 1.84 1.31 1.55 1.61 1.43 0.75 | 1.17 1.21 0.69 0.76 0.92 1.32 0.89 0.73 1.24 4.29 | 0.78 2.59 1.20 1.02 0.82 0.53 1.31 2.07 1.79 2.24 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 | 1.68 3.30 1.85 1.78 1.53 2.47 2.08 2.92 2.83 3.82 2.00 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 | -0.39 -0.06 2.06 0.52 -0.22 -0.46 0.67 1.10 1.45 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 |
| 95 96 97 98 99 100 101 102 103 104 | 3/13/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 | $ \begin{array}{r} 15 \\ 15 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 13 \\$ | 24 59 8 15 21 28 40 48 54 3 16 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 | 0.84 0.32 0.51 0.39 0.31 0.33 0.52 0.44 0.42 0.48 0.73 0.41 | 1.86 1.36 1.67 1.89 1.84 1.31 1.55 1.61 1.43 0.75 1.62 | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ \end{array}$ | 0.78 2.59 1.20 0.82 0.53 1.31 2.07 1.79 2.24 1.37 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 | $\begin{array}{c} 1.68\\ 3.30\\ 1.85\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 1.02\\$ | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | $\begin{array}{r} -0.39 \\ -0.06 \\ 2.06 \\ 0.52 \\ 0.15 \\ -0.22 \\ -0.46 \\ 0.67 \\ 0.69 \\ 1.10 \\ 1.45 \\ 0.57 \end{array}$ | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 |
| 95 96 97 98 99 100 101 102 103 104 105 | 3/13/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 | $ \begin{array}{r} 15 \\ 15 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 13 \\ 13 \\ 13 \\ 13 \end{array} $ | 24 59 8 15 21 28 40 48 54 3 16 22 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 | 0.84 0.32 0.51 0.39 0.31 0.33 0.52 0.44 0.42 0.48 0.73 0.41 0.60 | 1.86 1.36 1.67 1.89 1.84 1.31 1.55 1.61 1.43 0.75 1.62 1.11 | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ \end{array}$ | 0.78 2.59 1.20 1.02 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 1.39 1.62 | 1.68 3.30 1.85 1.78 1.53 2.47 2.08 2.92 2.83 3.82 2.00 3.75 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | $\begin{array}{r} -0.39 \\ -0.06 \\ 2.06 \\ 0.52 \\ 0.15 \\ -0.22 \\ -0.46 \\ 0.67 \\ 0.69 \\ 1.10 \\ 1.45 \\ 0.57 \\ 0.07 \\ \end{array}$ | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.19 |
| 95 96 97 98 99 100 101 102 103 104 105 106 | 3/13/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 | $ \begin{array}{r} 15 \\ 15 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 13 \\ 13 \\ 13 \\ 13 \\ 13 \end{array} $ | 24 59 8 15 21 28 40 48 54 3 16 22 43 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.22 0.21 0.25 0.49 0.20 0.35 0.50 | $\begin{array}{c} 0.84\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.33\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.41\\ 0.60\\ 0.74\end{array}$ | 1.86 1.36 1.67 1.89 1.84 1.31 1.55 1.61 1.43 0.75 1.62 1.11 0.71 | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\end{array}$ | 0.78 2.59 1.20 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.77 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 1.39 1.62 | $\begin{array}{r} 1.68\\ 3.30\\ 1.85\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.94 \end{array}$ | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | $\begin{array}{r} -0.39 \\ -0.06 \\ 2.06 \\ 0.52 \\ -0.22 \\ -0.46 \\ 0.67 \\ 0.69 \\ 1.10 \\ 1.45 \\ 0.57 \\ 0.07 \\ 3.51 \end{array}$ | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.19 3.68 |
| 95 96 97 98 99 100 101 102 103 104 105 106 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $ \begin{array}{r} 15 \\ 15 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 13 \\ 13 \\ 13 \\ 13 \\ 13 \\ 12 \\ \end{array} $ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 | $\begin{array}{c} 0.84\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.33\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.41\\ 0.60\\ 0.74\\ 0.71\\ 0.71\\ \end{array}$ | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.71\\ 0.99\end{array}$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.52\end{array}$ | 0.78 2.59 1.20 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.72 3.56 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 1.39 1.62 | $\begin{array}{c} 2.09 \\ 1.68 \\ 3.30 \\ 1.85 \\ 1.78 \\ 1.53 \\ 2.47 \\ 2.08 \\ 2.92 \\ 2.83 \\ 3.82 \\ 2.00 \\ 3.75 \\ 3.94 \\ 3.90 \end{array}$ | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | -0.39 -0.06 2.06 0.52 -0.22 -0.46 0.67 0.69 1.10 1.45 0.57 0.07 3.51 1.73 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.19 3.68 2.51 |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $ \begin{array}{r} 15 \\ 15 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 13 \\$ | 24 59 8 15 21 28 40 48 54 54 54 54 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.50 | $\begin{array}{c} 0.84\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.33\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.41\\ 0.60\\ 0.74\\ 0.71\\ \end{array}$ | 1.86 1.36 1.67 1.89 1.84 1.31 1.55 1.61 1.43 0.75 1.62 1.11 0.71 0.80 | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\end{array}$ | 0.78 2.59 1.20 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.72 3.56 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 1.39 1.62 | 2.68 1.68 3.30 1.85 1.78 1.53 2.47 2.08 2.92 2.83 3.82 2.00 3.75 3.94 3.90 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | -0.39 -0.06 2.06 0.52 -0.22 -0.46 0.67 0.69 1.10 1.45 0.57 0.07 3.51 1.73 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.19 3.68 3.51 |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $ \begin{array}{r} 15 \\ 15 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 13 \\ 13 \\ 13 \\ 13 \\ 13 \\ 14 \\ \end{array} $ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 2 | 0.15 0.27 0.19 0.14 0.28 0.22 0.21 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 | $\begin{array}{c} 0.84\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.33\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.41\\ 0.60\\ 0.74\\ 0.71\\ 0.75\\ \end{array}$ | 1.86 1.36 1.67 1.89 1.84 1.31 1.55 1.61 1.43 0.75 1.62 1.11 0.71 0.80 0.20 | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ \overline{5.45}\\ 5.45\\ \end{array}$ | 0.78 2.59 1.20 1.02 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.37 1.37 1.37 2.3.56 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 1.39 1.62 | 2.09 1.68 3.30 1.85 1.78 1.53 2.47 2.08 2.92 2.83 3.82 2.00 3.75 3.90 3.92 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | -0.39 -0.06 2.06 0.52 0.15 -0.22 -0.46 0.67 1.10 1.45 0.57 0.07 3.51 1.73 3.18 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.19 3.68 3.51 3.23 |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $ \begin{array}{r} 15 \\ 15 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 13 \\ 13 \\ 13 \\ 13 \\ 13 \\ 13 \\ 14 \\ 14 \\ 14 \\ 14 \\ 14 \\ 14 \\ 15 \\ 14 \\ 15 \\$ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 2 9 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.31 | $\begin{array}{c} 0.84\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.41\\ 0.60\\ 0.74\\ 0.71\\ 0.75\\ 0.55\\ \end{array}$ | 1.86 1.36 1.67 1.89 1.84 1.31 1.55 1.61 1.43 0.75 1.62 1.11 0.71 0.80 0.70 1.23 | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.45\\ 5.225\end{array}$ | 0.78 2.59 1.20 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.72 3.56 3.66 1.70 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 | 2.50 1.68 3.30 1.85 1.78 1.53 2.47 2.08 2.92 2.83 3.82 2.00 3.75 3.94 3.90 3.92 3.76 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | -0.39 -0.06 2.06 0.52 0.15 -0.22 -0.46 0.67 0.69 1.10 1.45 0.57 0.07 3.51 1.73 3.18 0.58 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.19 3.68 3.51 3.23 0.75 |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $ \begin{array}{r} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | 24 59 8 15 21 28 40 48 54 3 16 22 22 43 54 22 9 9 | 0.15 0.27 0.19 0.14 0.28 0.22 0.21 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.31 | 0.84 0.32 0.51 0.39 0.31 0.33 0.52 0.44 0.42 0.44 0.42 0.43 0.41 0.60 0.74 0.71 0.75 0.55 | 1.86 1.36 1.67 1.89 1.84 1.31 1.55 1.61 1.43 0.75 1.62 1.11 0.71 0.80 0.70 1.23 | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.45\\ 2.25\\ 1.26\\ 1.25\\$ | 0.78 2.59 1.20 1.02 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.72 3.56 3.66 1.70 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 1.39 1.62 3.73 2.24 | 2.30 1.68 3.30 1.85 1.78 1.75 2.47 2.08 2.92 2.83 3.82 2.00 3.75 3.90 3.92 3.92 3.76 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | -0.39 -0.06 2.06 0.52 0.15 -0.22 -0.46 0.67 1.10 1.45 0.57 0.67 1.73 3.18 0.54 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.19 3.68 3.51 3.23 0.75 |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $ \begin{array}{r} 15 \\ 15 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 13 \\ 13 \\ 13 \\ 13 \\ 13 \\ 14 \\ 14 \\ 14 \\ 14 \end{array} $ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 2 9 9 15 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.49 0.20 0.35 0.50 0.47 0.51 0.31 0.23 | 0.84 0.32 0.51 0.39 0.31 0.33 0.52 0.44 0.42 0.48 0.73 0.41 0.64 0.74 0.71 0.75 0.55 0.45 | 1.86 1.36 1.67 1.89 1.84 1.31 1.55 1.61 1.43 0.75 1.62 1.11 0.71 0.80 0.70 1.23 1.51 | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.53\\ 5.45\\ 2.25\\ 1.35\\ \end{array}$ | 0.78 2.59 1.20 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.72 3.56 3.66 1.70 1.96 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 1.39 1.39 1.39 1.39 1.39 2.24 2.25 | $\begin{array}{c} 2.39\\ 1.68\\ 3.30\\ 1.85\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.94\\ 3.90\\ 3.92\\ 3.76\\ 3.68\end{array}$ | 1.94 3.91 1.91 1.91 2.34 3.08 2.10 | -0.39 -0.06 2.06 0.52 0.15 -0.22 -0.46 0.67 0.69 1.10 1.45 0.57 0.07 3.51 1.73 3.18 0.58 0.74 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.19 3.58 3.51 3.23 0.75 0.87 |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $ \begin{array}{r} 15 \\ 15 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 13 \\ 13 \\ 13 \\ 13 \\ 13 \\ 14 \\$ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 2 9 9 15 23 | 0.15 0.27 0.19 0.14 0.28 0.22 0.21 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.51 0.31 0.38 | $\begin{array}{c} 0.84\\ 0.32\\ 0.51\\ 0.39\\ 0.33\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.41\\ 0.60\\ 0.74\\ 0.71\\ 0.75\\ 0.55\\ 0.45\\ 0.64\\ \end{array}$ | 1.86 1.36 1.67 1.84 1.31 1.55 1.61 1.43 0.75 1.62 1.11 0.71 0.80 0.70 1.23 1.51 1.61 | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.25\\ 2.25\\ 1.35\\ 5.22\\ 5.22\\ \end{array}$ | 0.78 2.59 1.20 1.02 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.72 3.56 3.56 1.70 1.96 2.13 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 1.39 1.62 3.73 2.24 2.25 3.96 | $\begin{array}{c} 2.39\\ 1.68\\ 3.30\\ 1.85\\ 1.78\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.94\\ 3.90\\ 3.92\\ 3.76\\ 3.68\\ 3.77\\ \end{array}$ | 1.94 3.91 1.91 1.91 2.34 3.08 2.10 | -0.39 -0.06 2.06 0.52 0.15 -0.22 -0.46 0.67 0.69 1.10 1.45 0.57 0.07 3.51 1.73 3.18 0.58 0.74 1.05 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.19 3.68 3.51 3.23 0.75 0.87 1.50 |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $ \begin{array}{r} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 2 9 15 23 30 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.31 0.23 0.38 | 0.84 0.32 0.51 0.39 0.31 0.33 0.52 0.44 0.42 0.44 0.42 0.44 0.73 0.41 0.64 0.71 0.75 0.55 0.45 0.64 | 1.86 1.36 1.67 1.89 1.84 1.31 1.55 1.61 1.43 0.75 1.62 1.11 0.71 0.80 0.70 1.23 1.51 1.01 1.23 | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 4.68\\ 5.53\\ 5.53\\ 5.53\\ 5.45\\ 2.25\\ 1.35\\ 5.22\\ 2.54\\ 1.35\\ 5.22\\ 2.64\\ 1.35\\ 5.22\\ 2.64\\ 1.35\\$ | 0.78 2.59 1.20 1.02 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.56 3.66 1.70 1.96 2.13 1.80 1.90 1 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 1.39 1.62 3.73 2.24 2.25 3.96 3.36 | 2.30 1.68 3.30 1.85 1.78 1.73 2.47 2.08 3.82 2.00 3.75 3.94 3.90 3.76 3.68 3.77 3.68 3.77 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | -0.39 -0.06 2.06 0.52 0.15 -0.22 -0.46 0.67 0.69 1.10 1.45 0.57 0.07 3.51 1.73 3.18 0.58 0.74 1.05 0.68 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.58 3.51 3.23 0.75 0.87 0.87 1.50 0.87 |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 111 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $ \begin{array}{r} 15 \\ 15 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 13 \\ 13 \\ 13 \\ 13 \\ 13 \\ 13 \\ 14 \\$ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 2 9 15 23 300 27 | 0.15 0.27 0.19 0.14 0.28 0.22 0.21 0.22 0.21 0.25 0.49 0.25 0.49 0.25 0.49 0.35 0.50 0.47 0.51 0.31 0.38 0.38 0.30 | $\begin{array}{c} 0.84\\ 0.32\\ 0.51\\ 0.39\\ 0.33\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.41\\ 0.60\\ 0.74\\ 0.71\\ 0.75\\ 0.55\\ 0.45\\ 0.64\\ 0.55\\ 0.64\\ 0.55\\ 0.64\\ 0.55\\ 0.64\\ 0.55\\ 0.64\\ 0.55\\ 0.65\\ 0.55\\ 0.65\\ 0.65\\ 0.65\\ 0.55\\ 0.55\\$ | 1.86 1.36 1.67 1.89 1.84 1.31 1.55 1.61 1.13 1.43 0.75 1.62 1.11 0.71 0.70 0.70 1.23 1.51 1.51 | 1.17 1.21 0.69 0.76 0.92 1.32 0.89 0.73 1.24 4.29 0.61 4.41 5.68 5.53 5.22 2.55 1.35 5.22 2.64 | 0.78 2.59 1.20 1.02 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.72 3.56 3.66 1.70 1.96 2.13 1.88 4.56 1.70 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 1.39 1.62 3.73 2.24 2.25 3.96 3.344 | 2.00 1.68 3.30 1.85 1.78 1.78 2.47 2.08 2.92 2.83 3.82 2.00 3.75 3.94 3.90 3.92 3.70 3.68 3.77 3.81 2.62 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | -0.39 -0.06 2.06 0.52 0.15 -0.22 -0.26 -0.22 -0.26 0.67 0.69 1.10 1.45 0.57 0.07 3.51 1.73 3.18 0.58 0.74 1.05 0.68 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.71 1.12 1.69 0.58 0.71 3.23 0.75 0.87 1.50 0.887 |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 111 112 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | 24 59 8 15 21 28 40 48 54 2 9 15 23 30 37 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.47 0.51 0.31 0.23 0.38 0.30 0.40 | $\begin{array}{c} 0.84\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.33\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.41\\ 0.60\\ 0.74\\ 0.71\\ 0.75\\ 0.55\\ 0.55\\ 0.64\\ 0.64\\ 0.65\\ 0.65\\ \end{array}$ | 1.86 1.36 1.67 1.89 1.84 1.31 1.55 1.61 1.43 0.75 1.62 1.11 0.71 0.80 0.70 1.23 1.51 1.01 1.25 0.97 | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 4.68\\ 5.53\\ 5.45\\ 2.25\\ 1.35\\ 5.22\\ 2.26\\ 1.35\\ 5.22\\ 2.26\\ 1.35\\ 5.22\\ 2.64\\ 3.95\\ \end{array}$ | 0.78 2.59 1.20 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.56 3.66 1.70 1.96 2.13 1.88 1.88 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 | 2.30 1.68 3.30 1.85 1.78 1.78 2.47 2.08 3.82 2.00 3.75 3.94 3.90 3.92 3.76 3.68 3.77 3.81 3.82 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | -0.39 -0.06 2.06 0.52 -0.15 -0.22 -0.46 0.67 0.67 0.67 1.10 1.45 0.57 0.07 3.51 1.73 3.18 0.58 0.74 1.05 0.682 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.75 0.58 3.51 3.23 0.75 0.87 1.50 0.887 1.50 |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $\begin{array}{r} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 2 9 9 15 23 30 37 46 | 0.15 0.27 0.19 0.14 0.28 0.22 0.21 0.22 0.21 0.25 0.49 0.25 0.49 0.35 0.50 0.47 0.51 0.31 0.38 0.30 0.38 0.30 0.40 0.40 0.52 | $\begin{array}{c} 0.84\\ 0.32\\ 0.51\\ 0.39\\ 0.33\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.44\\ 0.73\\ 0.41\\ 0.60\\ 0.74\\ 0.71\\ 0.75\\ 0.55\\ 0.45\\ 0.65\\ 0.65\\ 0.65\\ 0.75\\ \end{array}$ | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.71\\ 0.80\\ 0.70\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 0.68\end{array}$ | 1.17 1.21 0.69 0.76 0.92 1.32 0.89 0.73 1.24 4.29 0.61 4.41 5.68 5.53 5.22 2.64 3.95 5.88 | 0.78 2.59 1.20 1.02 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.72 3.56 3.66 1.70 1.96 2.13 1.88 1.86 3.52 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.39 1.39 1.39 1.39 2.24 2.25 3.96 3.44 3.67 | 2.68 1.68 3.30 1.85 1.78 1.53 2.47 2.08 2.92 2.83 3.82 2.00 3.75 3.94 3.92 3.76 3.68 3.77 3.81 3.82 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | -0.39 -0.06 2.06 0.52 0.15 -0.22 -0.22 -0.46 0.67 0.69 1.10 1.45 0.57 0.07 3.51 1.73 3.18 0.58 0.74 1.05 0.68 0.82 1.00 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.71 1.12 1.69 0.58 0.71 3.23 0.75 0.87 1.50 0.86 1.03 2.68 |
| 95 96 97 98 99 100 101 102 103 104 105 106 106 107 108 109 110 111 112 113 114 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 2 9 15 23 30 37 46 53 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.49 0.20 0.35 0.47 0.51 0.47 0.51 0.31 0.23 0.38 0.30 0.30 0.40 0.52 0.32 | $\begin{array}{c} 0.84\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.33\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.44\\ 0.73\\ 0.41\\ 0.60\\ 0.74\\ 0.71\\ 0.75\\ 0.55\\ 0.55\\ 0.64\\ 0.55\\ 0.65\\ 0.74\\ 0.44\\ \end{array}$ | 1.86 1.36 1.67 1.89 1.84 1.31 1.55 1.61 1.43 0.75 1.62 1.11 0.71 0.80 0.70 1.23 1.51 1.01 1.25 0.97 0.68 1.55 | 1.17 1.21 0.69 0.76 0.92 1.32 0.89 0.73 1.24 4.29 0.61 4.41 5.68 5.53 5.45 5.25 1.35 5.22 2.264 4.395 5.88 1.40 | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 1.02\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.56\\ 3.66\\ 1.70\\ 1.96\\ 2.13\\ 1.88\\ 1.88\\ 1.88\\ 1.86\\ 3.52\\ 1.45\\ \end{array}$ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 1.39 1.62 3.73 2.24 2.25 3.96 3.344 3.67 | 2.50 1.68 3.30 1.85 1.78 1.53 2.47 2.08 2.92 2.83 3.82 2.00 3.75 3.94 3.90 3.92 3.76 3.68 3.77 3.81 3.82 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | -0.39 -0.06 2.06 2.06 2.06 0.52 -0.46 0.67 0.69 1.10 1.45 0.57 0.67 0.67 3.51 1.73 3.18 0.58 0.74 1.05 0.68 0.82 1.00 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.19 3.568 3.51 3.23 0.75 0.87 1.50 0.87 1.50 0.87 1.50 |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 114 115 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 2 9 54 23 300 37 46 53 53 | 0.15 0.27 0.19 0.14 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.31 0.31 0.38 0.30 0.40 0.40 0.40 0.40 | $\begin{array}{c} 0.84\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.33\\ 0.52\\ 0.44\\ 0.42\\ 0.44\\ 0.73\\ 0.41\\ 0.60\\ 0.74\\ 0.75\\ 0.55\\ 0.64\\ 0.55\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.64\\ 0.74\\ 0.75\\ 0.64\\ 0.75\\ 0.64\\ 0.75\\ 0.64\\ 0.75\\ 0.64\\ 0.75\\ 0.64\\ 0.75\\ 0.64\\ 0.75\\ 0.64\\ 0.75\\ 0.64\\ 0.75\\ 0.64\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.75\\ 0.65\\ 0.75\\$ | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.71\\ 0.80\\ 0.70\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 0.68\\ 1.55\\ 1.5\\ 1.5\\ 1.5\\ 1.5\\ 1.5\\ 1.5\\ 1.$ | 1.17 1.21 0.69 0.76 0.92 1.32 0.89 0.73 1.24 4.29 0.61 4.41 5.68 5.53 5.22 2.64 3.95 5.85 5.85 1.40 | 0.78 2.59 1.20 1.02 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.72 3.56 3.66 1.70 1.98 3.66 1.70 1.98 3.66 1.70 1.98 3.66 3.66 1.70 1.98 3.52 1.88 1.88 1.88 1.88 1.85 3.52 1.45 3.52 1.45 3.52 1.45 1.52 1.53 1.54 1.55 1 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.39 1.39 1.39 1.39 2.24 2.25 3.96 3.44 3.67 3.44 3.67 | 2.68 1.68 3.30 1.85 1.78 1.53 2.47 2.08 2.92 2.83 3.82 2.00 3.75 3.94 3.90 3.92 3.76 3.90 3.92 3.77 3.81 3.82 3.89 2.19 2.19 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | -0.39 -0.39 -0.06 2.06 2.06 2.06 2.06 2.06 2.06 2.06 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.71 1.12 1.69 0.58 0.71 3.23 0.75 0.87 0.87 0.86 1.03 0.86 1.03 0.86 1.03 |
| 95 96 97 98 99 100 101 102 103 104 105 106 106 107 108 109 110 111 112 113 114 115 116 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 2 9 15 23 30 37 46 53 4 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.49 0.20 0.35 0.47 0.51 0.47 0.51 0.31 0.23 0.38 0.30 0.30 0.40 0.52 0.22 0.22 | 0.84 0.32 0.51 0.39 0.31 0.52 0.44 0.42 0.44 0.42 0.44 0.73 0.44 0.73 0.41 0.60 0.74 0.75 0.55 0.65 0.65 0.75 0.64 0.47 | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.70\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 0.68\\ 1.55\\ 1.46\end{array}$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.45\\ 2.25\\ 1.35\\ 5.22\\ 2.26\\ 4.43\\ 3.95\\ 5.88\\ 1.40\\ 0\\ 1.23\\ \end{array}$ | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 1.02\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.56\\ 3.66\\ 1.70\\ 1.98\\ 2.13\\ 1.88\\ 1.86\\ 3.52\\ 1.45\\ 1.64\\ \end{array}$ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 1.39 1.62 3.73 2.24 2.25 3.96 3.344 3.67 1.50 1.70 | 2.50 1.68 3.30 1.85 1.78 1.53 2.47 2.08 2.92 2.83 3.82 2.00 3.75 3.94 3.90 3.92 3.76 3.68 3.77 3.81 3.82 3.82 3.82 3.89 2.49 2.49 | 1.94 3.91 1.91 1.84 2.34 3.08 2.10 2.10 3.87 3.98 | $\begin{array}{c} -0.39 \\ -0.06 \\ 2.06 \\ 0.52 \\ 0.15 \\ -0.22 \\ -0.46 \\ 0.67 \\ 0.69 \\ 1.10 \\ 1.45 \\ 0.57 \\ 0.07 \\ 3.51 \\ 1.73 \\ 3.18 \\ 0.74 \\ 1.05 \\ 0.68 \\ 0.74 \\ 1.05 \\ 0.68 \\ 0.82 \\ 1.00 \\ 1.03 \\ 1.02 \\ \end{array}$ | $\begin{array}{c} 0.43\\ -0.03\\ 2.07\\ 0.52\\ 0.16\\ -0.18\\ -0.39\\ 0.68\\ 0.71\\ 1.12\\ 1.69\\ 0.58\\ 0.71\\ 3.23\\ 0.75\\ 0.87\\ 1.50\\ 0.87\\ 1.50\\ 0.87\\ 1.50\\ 0.87\\ 1.03\\ 2.69\\ 1.04\\ 1.04\\ 1.04\\ \end{array}$ |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | 24 59 8 15 21 28 40 48 54 22 43 54 22 9 15 23 30 37 46 53 4 12 | 0.15 0.27 0.19 0.14 0.28 0.22 0.21 0.22 0.21 0.25 0.49 0.25 0.49 0.25 0.49 0.35 0.50 0.47 0.51 0.31 0.31 0.38 0.30 0.40 0.40 0.52 0.22 | 0.84 0.32 0.51 0.39 0.31 0.33 0.52 0.44 0.42 0.48 0.73 0.44 0.73 0.74 0.71 0.75 0.55 0.45 0.64 0.75 0.64 0.75 0.64 0.75 0.44 0.25 | 1.86 1.36 1.67 1.84 1.31 1.55 1.61 1.43 0.75 1.62 1.11 0.71 0.80 0.70 1.23 1.51 1.61 1.25 0.97 0.68 1.55 1.46 2.12 | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.22\\ 2.5\\ 1.35\\ 5.22\\ 2.64\\ 3.95\\ 5.88\\ 1.40\\ 1.23\\ 0.58\\ \end{array}$ | 0.78 2.59 1.20 1.02 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.72 3.56 3.56 1.70 1.96 2.13 1.88 1.86 3.52 1.45 1.64 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 1.39 1.39 1.62 2.24 2.25 3.96 3.73 2.24 2.25 3.96 3.367 1.50 1.70 0.93 | 2.68 1.68 3.30 1.85 1.78 1.53 2.47 2.08 2.92 2.83 3.82 2.00 3.75 3.94 3.90 3.92 3.76 3.68 3.77 3.81 3.82 3.82 2.19 2.49 1.48 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 3.87 3.98 1.49 | -0.39 -0.39 -0.06 2.06 2.06 2.06 2.06 2.06 2.06 2.015 3.015 3.022 -0.46 0.67 1.10 1.45 0.69 1.10 1.45 0.67 3.51 1.73 3.18 0.58 0.74 1.05 0.68 0.68 0.68 0.62 1.00 1.03 1.02 0.30 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.71 1.12 1.69 0.58 0.73 0.75 0.85 0.75 0.86 1.03 2.69 1.04 1.04 0.36 |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 23 30 37 46 53 30 37 46 53 4 12 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.49 0.20 0.49 0.20 0.49 0.20 0.49 0.20 0.49 0.20 0.49 0.20 0.49 0.20 0.49 0.20 0.40 0.31 0.23 0.38 0.30 0.30 0.40 0.32 0.22 0.21 0.23 0.24 0.30 0.36 0.36 0.36 0.36 0.30 0.30 0.36 0.36 | 0.84 0.32 0.51 0.39 0.31 0.52 0.44 0.42 0.48 0.73 0.44 0.42 0.48 0.73 0.44 0.73 0.44 0.73 0.44 0.73 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.5 | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.70\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 0.68\\ 1.55\\ 1.46\\ 2.12\\ 1.06\\ 1.55\\ 1.46\\ 2.12\\ 1.06\\ 1.65\\ 1.66\\ 1.66\\$ | 1.17 1.21 0.69 0.76 0.92 1.32 0.89 0.73 1.24 4.29 0.61 4.41 4.29 0.61 4.41 5.68 5.53 5.22 2.26 4.35 5.22 2.26 4.395 5.85 1.35 5.85 1.36 5.85 1.32 2.26 1.32 2.26 1.35 5.85 1.35 5.85 1.36 5.85 | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.56\\ 3.66\\ 1.70\\ 1.98\\ 2.13\\ 1.88\\ 1.86\\ 3.52\\ 1.45\\ 1.64\\ 0.93\\ 2.66\\ \end{array}$ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 1.39 1.62 3.73 2.24 2.25 3.96 3.344 3.67 1.50 1.70 0.93 3.59 | 2.50 1.68 3.30 1.85 1.78 1.53 2.47 2.08 2.92 2.83 3.82 2.00 3.75 3.94 3.90 3.92 3.76 3.68 3.77 3.81 3.82 3.82 3.82 3.89 2.49 2.49 2.49 3.82 | 1.94 3.91 1.91 1.84 2.34 3.08 2.10 2.10 3.87 3.98 1.49 | $\begin{array}{c} -0.39 \\ -0.06 \\ 2.06 \\ 0.52 \\ 0.15 \\ -0.22 \\ -0.46 \\ 0.67 \\ 0.69 \\ 1.10 \\ 1.45 \\ 0.57 \\ 0.07 \\ 3.51 \\ 1.73 \\ 3.18 \\ 0.74 \\ 1.05 \\ 0.68 \\ 0.74 \\ 1.05 \\ 0.68 \\ 0.82 \\ 1.00 \\ 1.03 \\ 1.02 \\ 0.30 \\ 1.03 \\ 1.02 \\ 0.30 \\ 1.03 \\ 1.02 \\ 0.30 \\ 1.03 \\ 1.02 \\ 0.30 \\ 1.03 \\ 1.02 \\ 0.30 \\ 1.03 \\ 1.02 \\ 0.30 \\ 0.33 \\ 1.02 \\ 0.30 \\ 0.33 \\ 0.12 \\ 0.30 \\ 0.33 \\ 0.12 \\ 0.30 \\ 0.33 \\ 0.12 \\ 0.30 \\ 0.33 \\ 0.12 \\ 0.30 \\ 0.33 \\ 0.12 \\ 0.30 \\ 0.33 \\ 0.12 \\ 0.30 \\ 0.33 \\ 0.12 \\ 0.30 \\ 0.33 \\ 0.12 \\ 0.30 \\ 0.33 \\ 0.12 \\ 0.30 \\ 0.33 \\ 0.12 \\ 0.30 \\ 0.33 \\ 0.12 \\ 0.30 \\ 0.33 \\ 0.12 \\ 0.30 \\ 0.33 \\ 0.12 \\ 0.30 \\ 0.33 \\ 0.12 \\ 0.33 \\ 0.12 \\ 0.33 \\ 0.12 \\ 0.33 \\ 0.12 \\ 0.33 \\ 0.12 \\ 0.33 \\ 0.12 \\ 0.33 \\ 0.12 \\ 0.33 \\ 0.12 \\ 0.33 \\ 0.12 \\ 0.33 \\ 0.12 \\ 0.33 \\ 0.12 \\ 0.33 \\ 0.12 \\ 0.33 \\ 0.12 \\ 0.33 \\ 0.12 \\ 0.33 \\ 0.12 \\ 0.33 \\ 0.12 \\ 0.33 \\ 0.12 \\ 0.33 \\ 0.12 \\ 0.33 \\ 0.12 $ | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.71 0.58 0.19 3.68 3.51 3.23 0.75 0.75 0.87 1.50 0.88 1.03 2.69 1.04 1.04 0.30 |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 22 9 15 23 30 37 46 53 41 22 22 22 23 30 37 40 23 24 26 26 26 26 27 26 26 27 27 28 28 28 28 28 28 28 28 28 28 | 0.15 0.27 0.19 0.14 0.28 0.22 0.21 0.22 0.21 0.25 0.49 0.25 0.49 0.25 0.49 0.35 0.50 0.47 0.51 0.31 0.31 0.38 0.30 0.40 0.40 0.40 0.40 0.40 0.40 0.52 0.22 | 0.84 0.32 0.51 0.39 0.31 0.33 0.52 0.44 0.42 0.44 0.73 0.41 0.60 0.74 0.77 0.55 0.65 0.65 0.65 0.65 0.65 0.65 0.65 | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.73\\ 1.62\\ 1.11\\ 0.71\\ 1.01\\ 1.25\\ 0.97\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 0.68\\ 1.55\\ 1.46\\ 2.12\\ 1.00\\ 1.55\\ 1.46\\ 2.12\\ 1.00\\ 1.55\\ 1.46\\ 1.55\\ 1.46\\ 1.55\\ 1.46\\ 1.55\\ 1.46\\ 1.55\\ 1.46\\ 1.55\\ 1.55\\ 1.46\\ 1.55\\ 1.46\\ 1.55\\ 1.55\\ 1.46\\ 1.55\\ 1.55\\ 1.46\\ 1.55\\ 1.55\\ 1.46\\ 1.55\\ 1.55\\ 1.46\\ 1.55\\$ | 1.17 1.21 0.69 0.76 0.92 1.32 0.89 0.73 1.24 4.29 0.61 4.41 5.68 5.53 1.24 4.41 5.68 5.53 1.35 5.22 2.64 3.95 5.88 1.40 1.23 0.89 0.73 1.24 1.25 1 | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 1.02\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.56\\ 3.56\\ 1.70\\ 1.96\\ 2.13\\ 1.88\\ 1.86\\ 3.52\\ 1.45\\ 1.64\\ 0.93\\ 2.66\\ 1.70\\ 1.96\\$ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 3.73 2.24 2.25 3.96 3.44 3.67 1.50 1.70 0.93 3.59 | 2.68 1.68 3.30 1.85 1.78 1.53 2.47 2.08 2.92 2.83 3.82 2.00 3.75 3.94 3.90 3.76 3.92 3.76 3.67 3.81 3.82 2.19 2.19 2.49 1.48 3.81 3.82 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 3.87 3.98 1.49 | -0.39 -0.39 -0.06 -0.06 -0.52 -0.22 -0.46 -0.67 -0.69 -1.10 -1.45 -0.57 -0.57 -0.57 -0.57 -0.57 -0.57 -0.57 -0.57 -0.57 -0.57 -0.57 -0.57 -0.57 -0.57 -0.57 -0.57 -0.57 -0.57 -0.22 -0.46 -0.69 -1.10 -1.10 -1.15 -0.57 -0.58 -0.57 -0.57 -0.58 -0.57 -0.57 -0.58 -0.57 -0.58 -0.59 -0.58 -0.58 -0.58 -0.58 -0.58 -0.58 -0.58 -0.58 -0.58 -0.58 -0.58 -0.58 -0.58 -0.58 -0.58 -0.57 -0.57 -0.57 -0.58 -0.59 -0.58 -0.59 -0.58 -0.58 -0.59 | $\begin{array}{c} 0.43\\ -0.03\\ 2.07\\ 0.52\\ 0.16\\ -0.18\\ -0.39\\ 0.68\\ 0.71\\ 1.12\\ 1.69\\ 0.58\\ 0.71\\ 1.12\\ 1.69\\ 0.58\\ 0.71\\ 1.50\\ 0.86\\ 1.03\\ 2.69\\ 1.04\\ 1.04\\ 1.04\\ 1.04\\ 0.30\\ 1.62\\ 0.75\\ 0.86\\ 1.03\\ 1.03\\ 1.03\\ 1.62\\ 0.75\\ 0.86\\ 1.03\\ 1.03\\ 1.03\\ 1.04\\ 1.$ |
| 95 96 97 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 23 30 37 46 53 4 12 9 15 23 30 37 46 53 23 20 23 20 23 20 20 20 20 20 20 20 20 20 20 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.49 0.20 0.35 0.49 0.20 0.35 0.49 0.20 0.35 0.49 0.20 0.35 0.49 0.21 0.22 0.21 0.23 0.30 0.30 0.30 0.30 0.30 0.30 0.32 0.32 | $\begin{array}{c} 0.84\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.41\\ 0.60\\ 0.74\\ 0.71\\ 0.75\\ 0.65\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.61\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.61\\ 0.47\\ 0.23\\ 0.25\\$ | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.70\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 0.68\\ 1.55\\ 1.46\\ 2.12\\ 1.06\\ 1.47\\ 1.47\\ 1.47\\ 1.47\\ 1.55\\ 1.46\\ 1.47\\ 1.47\\ 1.47\\ 1.47\\ 1.55\\ 1.46\\ 1.47\\$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 4.29\\ 0.61\\ 4.41\\ 4.29\\ 0.61\\ 3.53\\ 5.53\\ 5.25\\ 1.35\\ 5.22\\ 2.264\\ 4.3.95\\ 5.85\\ 1.35\\ 5.22\\ 2.264\\ 1.39\\ 5.88\\ 1.40\\ 0.123\\ 0.58\\ 2.78\\ 1.40\\ 1.23\\ 0.58\\ 2.78\\ 1.69\\ $ | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 1.02\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.56\\ 3.66\\ 1.70\\ 1.96\\ 2.13\\ 1.88\\ 1.86\\ 3.52\\ 1.45\\ 1.64\\ 0.93\\ 2.66\\ 1.46\\ \end{array}$ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 1.39 1.62 7 3.73 2.24 2.25 3.96 3.344 3.67 1.50 1.70 0.93 3.59 1.63 | $\begin{array}{c} 2.3\\ 1.68\\ 3.30\\ 1.85\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.94\\ 3.90\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.68\\ 3.77\\ 3.81\\ 3.82\\ 3.89\\ 2.19\\ 2.49\\ 1.48\\ 3.81\\ 2.46\\ \end{array}$ | 1.94 3.91 1.91 1.84 2.34 3.08 2.10 2.10 3.87 3.98 1.49 | $\begin{array}{c} -0.39\\ -0.39\\ -0.06\\ 2.06\\ 0.52\\ -0.22\\ -0.46\\ 0.67\\ 0.69\\ 1.10\\ 1.45\\ 0.57\\ 0.07\\ 3.51\\ 1.73\\ 3.18\\ 0.58\\ 0.74\\ 1.05\\ 0.68\\ 0.82\\ 1.00\\ 1.03\\ 1.02\\ 0.30\\ 1.43\\ 0.55\\ \end{array}$ | $\begin{array}{c} 0.43\\ -0.03\\ 2.07\\ 0.52\\ 0.16\\ -0.18\\ -0.39\\ 0.68\\ 0.71\\ 1.12\\ 1.69\\ 0.58\\ 0.71\\ 3.23\\ 0.75\\ 0.58\\ 0.19\\ 3.56\\ 3.51\\ 3.23\\ 0.75\\ 0.87\\ 1.50\\ 0.87\\ 1.50\\ 0.87\\ 1.50\\ 0.87\\ 1.03\\ 2.69\\ 1.04\\ 1.04\\ 1.04\\ 0.30\\ 1.62\\ 0.62\\ \end{array}$ |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 117 118 119 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 22 43 54 22 9 15 23 30 37 46 53 41 29 39 | 0.15 0.27 0.19 0.14 0.28 0.22 0.21 0.25 0.49 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.31 0.31 0.31 0.38 0.30 0.40 0.40 0.22 0.22 0.24 0.21 0.38 0.30 0.40 0.38 0.30 0.40 0.38 0.30 0.40 0.35 0.31 0.31 0.31 0.31 0.32 0.32 0.32 0.32 0.33 0.32 0.33 0.32 0.33 0.33 | $\begin{array}{c} 0.84\\ 0.32\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.33\\ 0.52\\ 0.44\\ 0.42\\ 0.44\\ 0.73\\ 0.41\\ 0.60\\ 0.74\\ 0.71\\ 0.75\\ 0.45\\ 0.64\\ 0.55\\ 0.65\\$ | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 1.23\\ 1.51\\ 1.46\\ 2.12\\ 1.66\\ 1.47\\ 0.39\\$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.22\\ 1.35\\ 5.22\\ 2.64\\ 3.95\\ 5.22\\ 2.64\\ 3.95\\ 5.85\\ 1.40\\ 1.23\\ 0.58\\ 2.74\\ 1.69\\ 8.38\end{array}$ | 0.78 2.59 1.20 1.02 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.72 3.56 3.66 1.70 1.96 2.13 1.88 1.88 1.88 1.86 3.52 1.45 0.93 2.66 1.46 3.73 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.39 1.39 1.39 1.39 2.24 2.25 3.96 3.44 3.67 1.50 1.70 0.93 3.59 1.63 | $\begin{array}{c} 2.50\\ 1.68\\ 3.30\\ 1.85\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.94\\ 3.90\\ 3.75\\ 3.94\\ 3.90\\ 3.76\\ 3.68\\ 3.77\\ 3.81\\ 3.82\\ 3.89\\ 2.19\\ 2.49\\ 1.48\\ 3.81\\ 2.46\\ 3.94\\ \end{array}$ | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 3.87 3.98 1.49 | $\begin{array}{c} -0.39\\ -0.39\\ -0.06\\ 2.06\\ 0.52\\ -0.22\\ -0.46\\ 0.67\\ -0.22\\ -0.46\\ 0.67\\ 1.10\\ 1.45\\ 0.57\\ -0.57\\ -0.57\\ -0.57\\ -0.57\\ -0.57\\ -0.68\\ 0.58\\ 0.74\\ -1.05\\ 0.68\\ 0.82\\ -1.03\\ -1.03\\ 1.03\\ 1.03\\ -1.03\\ 1.03\\ 1.03\\ -1.$ | $\begin{array}{c} 0.43\\ -0.03\\ 2.07\\ 0.52\\ 0.16\\ -0.18\\ -0.39\\ 0.68\\ 0.71\\ 1.12\\ 1.69\\ 0.58\\ 0.71\\ 1.12\\ 1.69\\ 0.58\\ 0.71\\ 1.50\\ 0.86\\ 1.03\\ 2.69\\ 1.04\\ 1.04\\ 1.04\\ 0.30\\ 1.62\\ 0.62\\ \end{array}$ |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13$ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 23 30 37 46 53 37 46 53 37 46 53 37 40 29 30 37 40 50 37 40 50 50 50 50 50 50 50 50 50 5 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.49 0.20 0.35 0.49 0.20 0.35 0.49 0.20 0.35 0.49 0.20 0.35 0.49 0.22 0.21 0.31 0.23 0.38 0.30 0.40 0.32 0.22 0.22 0.21 0.21 0.25 0.49 0.20 0.35 0.49 0.22 0.21 0.25 0.49 0.22 0.21 0.25 0.49 0.20 0.35 0.49 0.20 0.35 0.49 0.22 0.21 0.25 0.49 0.20 0.35 0.49 0.22 0.21 0.25 0.49 0.22 0.21 0.25 0.49 0.22 0.21 0.25 0.49 0.23 0.30 0.35 0.30 0.30 0.30 0.30 0.30 0.3 | 0.84 0.32 0.51 0.39 0.31 0.52 0.44 0.42 0.44 0.42 0.44 0.73 0.44 0.73 0.41 0.60 0.74 0.75 0.65 0.65 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.7 | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.71\\ 0.80\\ 0.70\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 0.68\\ 1.55\\ 1.46\\ 2.12\\ 1.06\\ 1.47\\ 0.39\\ 1.76\\ 1.47\\ 0.39\\ 1.76\\$ | 1.17 1.21 0.69 0.76 0.92 1.32 0.89 0.73 1.24 4.29 0.61 4.41 4.29 0.61 4.41 4.29 0.61 4.41 4.29 0.61 4.41 4.29 0.61 4.41 4.29 0.61 1.35 5.53 5.52 2.25 1.35 5.52 2.25 1.35 5.85 5 | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 1.02\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.72\\ 1.12\\ 3.72\\ 3.56\\ 3.66\\ 1.70\\ 1.96\\ 2.13\\ 1.88\\ 1.86\\ 3.52\\ 1.45\\ 1.64\\ 0.93\\ 2.66\\ 1.46\\ 3.73\\ 0.75\\$ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 1.39 1.62 7 3.73 2.24 2.25 3.96 3.94 3.344 3.67 1.50 1.70 0.93 3.59 1.63 | 2.30 1.68 3.30 1.85 1.78 1.53 2.47 2.08 2.92 2.83 3.82 2.00 3.75 3.94 3.90 3.92 3.94 3.90 3.92 3.68 3.77 3.81 3.82 3.89 2.49 2.49 2.49 1.48 1.53 3.82 3.84 3.82 3.84 3.82 3.84 3.82 3.84 3 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | $\begin{array}{c} -0.39\\ -0.39\\ -0.06\\ 2.06\\ 0.52\\ -0.22\\ -0.46\\ 0.67\\ 0.69\\ 1.10\\ 1.45\\ 0.57\\ 0.07\\ 3.51\\ 1.73\\ 3.18\\ 0.58\\ 0.74\\ 1.05\\ 0.68\\ 0.82\\ 1.00\\ 1.03\\ 1.02\\ 0.30\\ 1.03\\ 1.02\\ 0.30\\ 1.43\\ 5.5\\ 3.53\\ 0.08\\ \end{array}$ | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.71 1.55 0.55 0.87 1.50 0.87 1.50 0.87 1.50 0.87 1.03 2.69 1.04 |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 111 112 113 114 115 116 117 117 118 119 120 121 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 22 43 54 22 9 15 23 30 37 46 53 40 40 22 9 15 28 28 28 29 29 29 20 20 20 20 20 20 20 20 20 20 | 0.15 0.17 0.19 0.14 0.15 0.28 0.22 0.21 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.31 0.31 0.31 0.31 0.32 0.30 0.40 0.22 0.24 0.25 0.31 0.31 0.32 0.30 0.40 0.35 0.30 0.40 0.35 0.31 0.31 0.31 0.31 0.31 0.32 0.32 0.32 0.32 0.33 0.32 0.33 0.30 0.33 0.30 0.35 0.33 0.30 0.35 0.33 0.30 0.35 0.33 0.30 0.35 0.35 | $\begin{array}{c} 0.84\\ 0.32\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.52\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.73\\ 0.41\\ 0.73\\ 0.41\\ 0.73\\ 0.41\\ 0.73\\ 0.55\\ 0.64\\ 0.55\\ 0.65\\ 0.55\\ 0.65\\ 0.55\\ 0.65\\ 0.75\\ 0.44\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.38\\$ | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.23\\ 1.51\\ 1.01\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.23\\ 1.20\\$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.22\\ 2.64\\ 3.95\\ 5.22\\ 2.26\\ 1.35\\ 5.22\\ 2.264\\ 3.95\\ 5.88\\ 1.40\\ 1.23\\ 0.58\\ 2.74\\ 1.69\\ 8.38\\ 1.35$ | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 1.02\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.56\\ 3.56\\ 1.70\\ 1.9\\ 1.9\\ 1.9\\ 1.88\\ 1.86\\ 3.52\\ 1.48\\ 1.64\\ 0.93\\ 2.66\\ 1.46\\ 0.93\\ 2.66\\ 1.46\\ 3.73\\ 0.75\\ 0.$ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.39 1.39 1.39 1.39 2.24 2.25 3.96 3.44 3.67 1.50 1.70 0.93 3.59 1.63 | $\begin{array}{c} 2.50\\ 1.68\\ 3.30\\ 1.85\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.94\\ 3.92\\ 3.76\\ 3.92\\ 3.76\\ 3.92\\ 3.76\\ 3.68\\ 3.77\\ 3.81\\ 3.82\\ 3.82\\ 3.82\\ 1.48\\ 3.81\\ 2.49\\ 1.46\\ 3.94\\ 1.46\\ 2.62\\ 1.52\\$ | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 3.87 3.98 1.49 1.93 | $\begin{array}{c} -0.39 \\ -0.39 \\ -0.06 \\ 2.06 \\ 0.52 \\ 0.15 \\ -0.22 \\ -0.46 \\ 0.67 \\ 0.69 \\ 1.10 \\ 1.45 \\ 0.57 \\ 0.07 \\ 3.51 \\ 1.73 \\ 3.18 \\ 0.58 \\ 0.74 \\ 1.05 \\ 0.68 \\ 0.82 \\ 1.00 \\ 1.03 \\ 1.02 \\ 0.30 \\ 1.03$ | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 0.58 0.71 1.69 0.58 3.51 3.23 0.75 0.87 1.50 0.88 1.03 2.69 1.04 1.04 0.30 0.62 0.62 0.62 |
| 95 96 97 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 122 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | $\begin{array}{c} 24\\ 59\\ 8\\ 8\\ 15\\ 21\\ 28\\ 40\\ 48\\ 54\\ 3\\ 16\\ 22\\ 43\\ 54\\ 2\\ 9\\ 15\\ 23\\ 30\\ 37\\ 46\\ 53\\ 37\\ 4\\ 12\\ 9\\ 29\\ 39\\ 0\\ 0\\ 7\\ 7\end{array}$ | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.38 0.33 0.38 0.30 0.40 0.52 0.24 0.18 0.24 0.25 | 0.84 0.32 0.51 0.39 0.31 0.52 0.44 0.42 0.48 0.73 0.44 0.42 0.44 0.73 0.41 0.60 0.74 0.71 0.75 0.65 0.65 0.65 0.75 0.64 0.55 0.65 0.75 0.64 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.7 | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.70\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 0.68\\ 1.55\\ 1.46\\ 2.12\\ 1.06\\ 1.47\\ 0.39\\ 1.70\\ 1.49\\ 1.70\\ 1.49\\ 1.70\\ 1.49\\ 1.70\\ 1.49\\ 1.70\\ 1.49\\ 1.70\\ 1.49\\ 1.55\\ 1.46\\ 1.49\\ 1.70\\ 1.49\\ 1.70\\ 1.49\\ 1.70\\ 1.49\\ 1.70\\ 1.49\\ 1.70\\ 1.49\\ 1.70\\ 1.49\\ 1.70\\ 1.49\\ 1.70\\ 1.49\\ 1.88\\ 1.55\\ 1.88\\$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 4.29\\ 0.61\\ 4.41\\ 4.56\\ 5.53\\ 5.52\\ 1.35\\ 5.22\\ 2.26\\ 4.395\\ 5.85\\ 1.35\\ 5.22\\ 2.26\\ 4.395\\ 5.85\\ 1.32\\ 0.58\\ 2.74\\ 1.69\\ 8.38\\ 1.35\\ 1.32\\ \end{array}$ | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 1.02\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.72\\ 1.12\\ 3.72\\ 3.56\\ 3.66\\ 1.70\\ 1.96\\ 2.13\\ 1.88\\ 1.86\\ 3.52\\ 1.48\\ 1.86\\ 1.86\\ 3.52\\ 1.64\\ 0.93\\ 2.66\\ 1.46\\ 3.73\\ 0.75\\ 1.31\\ \end{array}$ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 | $\begin{array}{c} 2.3\\ 1.68\\ 3.30\\ 1.85\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.94\\ 3.90\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.76\\ 3.68\\ 3.77\\ 3.81\\ 3.82\\ 3.89\\ 2.19\\ 2.49\\ 1.48\\ 1.46\\ 3.94\\ 1.46\\ 2.92\\ \end{array}$ | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | $\begin{array}{c} -0.39\\ -0.39\\ -0.06\\ 2.06\\ 0.52\\ -0.22\\ -0.46\\ 0.67\\ 0.69\\ 1.10\\ 1.45\\ 0.57\\ 0.07\\ 3.51\\ 1.73\\ 3.18\\ 0.58\\ 0.74\\ 1.05\\ 0.68\\ 0.82\\ 1.00\\ 1.03\\ 1.02\\ 0.30\\ 1.03\\ 1.02\\ 0.30\\ 1.43\\ 5.53\\ 3.53\\ -0.08\\ -0.07\\ \end{array}$ | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.62 0.58 0.71 0.58 0.19 3.68 3.51 3.23 0.75 0.75 0.87 1.50 0.87 1.50 0.87 1.03 2.69 1.04 1.04 0.30 1.62 0.62 0.62 0.62 0.62 0.63 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 122 123 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | $\begin{array}{c} 24\\ 59\\ 8\\ 8\\ 15\\ 21\\ 28\\ 40\\ 48\\ 54\\ 3\\ 16\\ 22\\ 43\\ 54\\ 2\\ 9\\ 9\\ 15\\ 23\\ 30\\ 37\\ 46\\ 53\\ 30\\ 37\\ 46\\ 53\\ 40\\ 12\\ 19\\ 29\\ 39\\ 0\\ 0\\ 7\\ 13\\ \end{array}$ | 0.15 0.17 0.19 0.14 0.15 0.28 0.22 0.21 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.31 0.31 0.31 0.33 0.30 0.40 0.35 0.30 0.47 0.51 0.31 0.32 0.32 0.22 0.22 0.24 0.38 0.30 0.30 0.49 0.35 0.31 0.31 0.31 0.31 0.32 0.32 0.32 0.32 0.33 0.33 0.33 0.30 0.49 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35 | $\begin{array}{c} 0.84\\ 0.32\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.33\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.41\\ 0.60\\ 0.74\\ 0.71\\ 0.75\\ 0.45\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.66\\ 0.75\\ 0.44\\ 0.47\\ 0.23\\ 0.61\\ 0.47\\ 0.38\\ 0.60\\ 0.38\\ 0.46\\ 0.47\\ 0.46\\ 0.47\\ 0.46\\$ | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\ 1.51\\ 1.61\\ 1.23\\$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.22\\ 2.64\\ 3.95\\ 5.22\\ 2.26\\ 1.35\\ 5.22\\ 2.264\\ 3.95\\ 5.22\\ 2.264\\ 3.95\\ 5.88\\ 1.40\\ 1.23\\ 0.58\\ 2.74\\ 1.69\\ 8.38\\ 1.35\\ 1.32\\ 1.54\end{array}$ | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 1.02\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.56\\ 3.56\\ 1.70\\ 1.9\\ 1.9\\ 1.9\\ 1.88\\ 1.86\\ 3.52\\ 1.48\\ 1.64\\ 0.93\\ 2.66\\ 1.46\\ 0.93\\ 2.66\\ 1.46\\ 3.73\\ 0.75\\ 1.31\\ 1.62\\ \end{array}$ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.39 1.39 1.39 1.39 2.24 2.25 3.96 3.44 3.67 1.50 1.70 0.93 3.59 1.63 | $\begin{array}{c} 2.50\\ 1.68\\ 3.30\\ 1.85\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.94\\ 3.90\\ 3.76\\ 3.94\\ 3.90\\ 3.92\\ 3.76\\ 3.68\\ 3.77\\ 3.81\\ 3.82\\ 3.82\\ 3.82\\ 1.48\\ 3.81\\ 2.49\\ 1.46\\ 2.92\\ 2.73\\ \end{array}$ | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 3.87 3.98 1.49 1.93 | $\begin{array}{c} -0.39\\ -0.39\\ -0.06\\ 2.06\\ -2.06\\ 0.52\\ -0.22\\ -0.46\\ 0.67\\ -0.22\\ -0.46\\ 0.67\\ -0.57\\ -0.69\\ -1.10\\ -1.45\\ 0.57\\ -0.07\\ -3.51\\ -0.74\\ -1.05\\ -0.68\\ 0.82\\ -0.08\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.07\\ -0.07\\ -0.08\\ -0.08\\ -0.07\\ -0.08\\ -0.08\\ -0.07\\ -0.08\\ -0.08\\ -0.07\\ -0.08\\ -0.08\\ -0.07\\ -0.08\\ -$ | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.71 1.62 0.58 3.51 3.23 0.75 0.87 1.50 0.887 1.50 0.887 1.50 0.887 1.50 0.62 2.69 1.04 1.04 0.03 0.62 0.03 0.03 0.05 0.04 0.03 0.05 0.04 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.05 |
| 95 96 97 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 115 116 117 118 118 119 120 122 123 124 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13$ | 24 59 8 15 21 28 40 40 48 54 3 16 22 43 54 2 9 9 15 23 30 377 46 53 44 12 19 39 0 7 7 13 22 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.49 0.20 0.35 0.49 0.20 0.47 0.51 0.31 0.23 0.38 0.30 0.40 0.52 0.22 0.22 0.21 0.31 0.32 0.38 0.30 0.30 0.40 0.32 0.22 0.22 0.21 0.31 0.33 0.33 0.33 0.30 0.30 0.30 0.3 | 0.84 0.32 0.51 0.39 0.31 0.52 0.44 0.42 0.48 0.73 0.44 0.42 0.48 0.73 0.44 0.73 0.44 0.73 0.44 0.73 0.44 0.73 0.55 0.55 0.55 0.55 0.55 0.45 0.64 0.55 0.55 0.55 0.45 0.45 0.45 0.45 0.4 | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.70\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 0.68\\ 1.55\\ 1.46\\ 2.12\\ 1.06\\ 1.47\\ 0.39\\ 1.70\\ 1.49\\ 1.45\\ 1.51\\ 1.01\\ 1.51\\$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.45\\ 2.25\\ 1.35\\ 5.22\\ 2.64\\ 3.95\\ 5.85\\ 1.43\\ 0.58\\ 2.74\\ 1.69\\ 8.38\\ 2.74\\ 1.69\\ 8.38\\ 1.35\\$ | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 1.02\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.76\\ 3.56\\ 3.56\\ 3.56\\ 1.70\\ 1.96\\ 2.13\\ 1.88\\ 1.86\\ 3.52\\ 1.45\\ 1.64\\ 0.93\\ 2.66\\ 1.64\\ 0.93\\ 2.66\\ 1.64\\ 0.93\\ 2.66\\ 1.64\\ 0.93\\ 1.52\\ 1.54\\ 1.55\\ 1.51\\ 1.54\\ 1.54\\ 1.55\\ 1.51\\ 1.54\\ 1.54\\ 1.55\\ 1.51\\ 1.54\\ 1.54\\ 1.55\\ 1.51\\ 1.54\\ 1.54\\ 1.54\\ 1.55\\ 1.51\\ 1.54\\ 1.54\\ 1.55\\ 1.51\\ 1.54\\ 1.54\\ 1.55\\ 1.51\\ 1.54\\ 1.55\\ 1.51\\ 1.54\\ 1.55\\ 1.51\\ 1.54\\ 1.55\\ 1.55\\ 1.51\\ 1.54\\ 1.55\\ 1.55\\ 1.55\\ 1.51\\ 1.55\\$ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 3.73 2.24 2.25 3.96 3.44 3.67 1.50 1.70 0.93 3.59 1.62 1.74 | $\begin{array}{c} 2.8\\ 1.68\\ 3.30\\ 1.85\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.94\\ 3.90\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.76\\ 3.68\\ 3.77\\ 3.81\\ 3.82\\ 3.89\\ 2.19\\ 2.49\\ 1.48\\ 3.81\\ 3.82\\ 3.89\\ 2.19\\ 2.49\\ 1.48\\ 1.46\\ 3.94\\ 1.46\\ 2.92\\ 2.73\\ 2.61\\ 2.92\\ 2.71\\ 2.61\\ 2.92\\ 2.71\\ 2.61\\ 2.92\\ 2.61\\ 2.61\\ 2.92\\ 2.61\\ 2.61\\ 2.92\\ 2.61\\ 2.61\\ 2.92\\ 2.61\\ 2.61\\ 2.92\\ 2.61\\ 2.61\\ 2.92\\ 2.61\\ 2.61\\ 2.92\\ 2.61\\ 2.61\\ 2.92\\ 2.61\\ 2.61\\ 2.92\\ 2.61\\ 2.61\\ 2.92\\ 2.61\\ 2.61\\ 2.92\\ 2.61\\ 2.61\\ 2.92\\ 2.61\\ 2.61\\ 2.92\\ 2.61\\ 2.61\\ 2.92\\ 2.61\\ 2.61\\ 2.92\\ 2.61\\ 2.61\\ 2.92\\ 2.61\\ 2.61\\ 2.92\\ 2.61\\ 2.61\\ 2.92\\ 2.61\\ 2.61\\ 2.61\\ 2.61\\ 2.62\\ 2.61\\ 2.61\\ 2.62\\ 2.61\\ 2.61\\ 2.62\\ 2.61\\ 2.61\\ 2.62\\ 2.61\\ 2.61\\ 2.62\\ 2.61\\ 2.61\\ 2.62\\ 2.61\\ $ | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 2.10 3.87 3.98 1.49 1.93 | $\begin{array}{c} -0.39\\ -0.39\\ -0.06\\ 2.06\\ 0.52\\ 0.15\\ -0.22\\ -0.46\\ 0.67\\ 0.69\\ 1.10\\ 1.45\\ 0.57\\ 0.07\\ 3.51\\ 1.73\\ 3.18\\ 0.58\\ 0.74\\ 1.05\\ 0.68\\ 0.74\\ 1.05\\ 0.68\\ 0.82\\ 1.00\\ 1.03\\ 0.55\\ 3.53\\ -0.08\\ 0.74\\ 1.02\\ 0.30\\ 1.03\\ 0.55\\ 3.53\\ -0.08\\ 0.07\\ 0.73\\ 0.61\\ 0.74\\ 1.02\\ 0.30\\ 1.03\\ 0.55\\ 3.53\\ -0.08\\ 0.07\\ 0.73\\ 0.61\\ 0.07\\ 0.73\\ 0.61\\ 0.07\\ 0.73\\ 0.61\\ 0.07\\ 0.73\\ 0.61\\ 0.07\\ 0.73\\ 0.61\\ 0.07\\ 0.73\\ 0.61\\ 0.07\\ 0.73\\ 0.61\\ 0.07\\ 0.73\\ 0.61\\ 0.07\\ 0.73\\ 0.61\\ 0.07\\ 0.73\\ 0.61\\ 0.07\\ 0.73\\ 0.61\\ 0.07\\ 0.73\\ 0.61\\ 0.07\\ 0.73\\ 0.61\\ 0.07\\ 0.73\\ 0.61\\ 0.07\\ 0.73\\ 0.07\\ 0.73\\ 0.61\\ 0.07\\ 0.73\\ 0.07\\ 0.0$ | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.71 0.58 0.19 3.68 3.51 1.323 0.75 0.87 1.50 0.88 1.03 0.86 1.03 0.68 1.04 1.04 0.03 0.162 0.062 1.04 0.03 0.07 0.062 0.062 0.07 0.052 0.07 0.052 0.072 0.052 0.052 0.052 0.057 |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | $\begin{array}{c} 24\\ 59\\ 8\\ 8\\ 15\\ 21\\ 28\\ 40\\ 48\\ 54\\ 3\\ 16\\ 22\\ 43\\ 54\\ 2\\ 9\\ 9\\ 15\\ 23\\ 30\\ 37\\ 46\\ 53\\ 30\\ 37\\ 46\\ 53\\ 40\\ 12\\ 19\\ 29\\ 39\\ 0\\ 0\\ 7\\ 13\\ 22\\ 22\\ 22\\ 22\\ 22\\ 22\\ 22\\ 22\\ 22\\ 2$ | 0.15 0.17 0.19 0.14 0.15 0.28 0.22 0.21 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.31 0.31 0.31 0.33 0.30 0.40 0.22 0.24 0.25 0.31 0.31 0.32 0.32 0.32 0.32 0.32 0.32 0.32 0.32 | $\begin{array}{c} 0.84\\ 0.32\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.33\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.41\\ 0.60\\ 0.74\\ 0.71\\ 0.75\\ 0.44\\ 0.71\\ 0.75\\ 0.45\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.66\\ 0.73\\ 0.44\\ 0.47\\ 0.42\\ 0.61\\ 0.47\\ 0.38\\ 0.46\\ 0.38\\ 0.46\\ 0.47\\ 0.45\\ 0.61\\ 0.47\\ 0.45\\ 0.61\\ 0.47\\ 0.45\\ 0.61\\ 0.47\\ 0.45\\ 0.61\\ 0.47\\ 0.45\\ 0.61\\ 0.47\\ 0.45\\ 0.61\\ 0.47\\ 0.45\\ 0.61\\ 0.47\\ 0.45\\ 0.61\\ 0.47\\ 0.45\\ 0.61\\ 0.45\\ 0.61\\ 0.45\\ 0.65\\ 0.61\\$ | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.70\\ 0.80\\ 1.55\\ 1.46\\ 2.12\\ 1.06\\ 1.47\\ 0.39\\ 1.70\\ 1.48\\ 1.51\\ 1.45\\ 1.51\\$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.22\\ 2.64\\ 3.95\\ 5.22\\ 2.26\\ 1.35\\ 5.22\\ 2.264\\ 3.95\\ 5.85\\ 1.40\\ 1.23\\ 0.58\\ 2.74\\ 1.69\\ 8.38\\ 1.35\\ 1.35\\ 1.32\\ 1.54\\ 1.32\\ 1.54\\ 1.32\\ 1.54\\ 1.32\\ 1.54\\ 1.32\\ 1.54\\ 1.32\\ 1.54\\ 1.32\\ 1.54\\ 1.32\\ 1.54\\ 1.32\\ 1.54\\ 1.32\\ 1.54\\ 1.32\\ 1.54\\ 1.32\\ 1.54\\ 1.32\\ 1.54\\ 1.32\\ 1.54\\ 1.32\\ 1.54\\ 1.32\\ 1.55\\ 1.52\\ 1.55\\ 1.52\\ 1.55\\ 1.52\\ 1.55\\ 1.52\\ 1.55\\ 1.52\\ 1.55\\ 1.52\\ 1.55\\ 1.52\\ 1.55\\ 1.52\\ 1.55\\ 1.52\\ 1.55\\ 1.52\\ 1.52\\ 1.55\\ 1.52$ | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 1.02\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.56\\ 3.56\\ 1.70\\ 1.9\\ 2.13\\ 1.88\\ 1.86\\ 1.88\\ 1.86\\ 3.52\\ 1.45\\ 1.64\\ 0.93\\ 2.66\\ 1.46\\ 0.93\\ 2.66\\ 1.46\\ 3.73\\ 0.75\\ 1.31\\ 1.62\\ 1.79\\ 1.75\\ 1.31\\ 1.62\\ 1.79\\ 1.75\\ 1.31\\ 1.62\\ 1.79\\ 1.75\\ 1.31\\ 1.62\\ 1.79\\ 1.75\\ 1.31\\ 1.62\\ 1.79\\ 1.75\\ 1.31\\ 1.62\\ 1.79\\ 1.75\\ 1.31\\ 1.62\\ 1.79\\ 1.75\\ 1.31\\ 1.62\\ 1.79\\ 1.75\\ 1.31\\ 1.62\\ 1.79\\ 1.75\\ 1.31\\ 1.62\\ 1.79\\ 1.75\\ 1.31\\ 1.62\\ 1.79\\ 1.75\\ 1.31\\ 1.62\\ 1.79\\ 1.75\\ 1.75\\ 1.31\\ 1.62\\ 1.79\\ 1.75\\ $ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.39 1.39 1.39 1.62 3.73 2.24 2.25 3.96 3.44 3.67 1.50 1.70 0.93 3.59 1.63 0.80 1.50 1.74 4.88 | $\begin{array}{c} 2.50\\ 1.68\\ 3.30\\ 1.85\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.94\\ 3.92\\ 3.76\\ 3.94\\ 3.90\\ 3.76\\ 3.68\\ 3.77\\ 3.81\\ 3.82\\ 3.92\\ 3.76\\ 3.68\\ 3.77\\ 3.81\\ 3.82\\ 3.82\\ 1.48\\ 3.81\\ 2.49\\ 1.46\\ 2.92\\ .73\\ 2.61\\ 2.75\\ 2.61\\ 2.75\\ 2.75\\ $ | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 3.87 3.98 1.49 1.93 3.46 | $\begin{array}{c} -0.39\\ -0.39\\ -0.06\\ 2.06\\ -2.06\\ 0.52\\ -0.22\\ -0.46\\ 0.67\\ -0.22\\ -0.46\\ 0.67\\ -0.57\\ -0.07\\ -0.69\\ -1.10\\ -1.43\\ -0.57\\ -0.07\\ -3.51\\ -0.07\\ -3.51\\ -0.08\\ -0.08\\ -0.07\\ -0.08\\ -0.07\\ -0.03\\ -0.08\\ -0.05\\ -0.05\\ -0.08\\ -0.05\\ -0.05\\ -0.08\\ -0.05\\ -0.05\\ -0.08\\ -0.05\\ -0.05\\ -0.08\\ -0.05\\ -0.08\\ -0.05\\ -0.08\\ -0.05\\ -0.08\\ -0.05\\ -0.08\\ -0.05\\ -0.08\\ -0.05\\ -0.08\\ -0.05\\ -0.08\\ -0.05\\ -0.08\\ -0.05\\ -0.08\\ -0.05\\ -0.08\\ -0.05\\ -0.08\\ -0.05\\ -0.08\\ -0.05\\ -0.08\\ -0.05\\ -0.08\\ -0.05\\ -0.08\\ -0.08\\ -0.05\\ -0.08\\ -0.08\\ -0.05\\ -0.08\\ -0.08\\ -0.05\\ -0.08\\ -0.08\\ -0.05\\ -0.08\\$ | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.71 1.62 0.58 3.51 3.23 0.75 0.87 1.50 0.887 1.50 0.52 0.52 0.52 0.52 0.52 0.52 0.52 0 |
| 95 96 97 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | $\begin{array}{c} 24\\ 59\\ 8\\ 15\\ 21\\ 28\\ 40\\ 48\\ 54\\ 3\\ 16\\ 22\\ 43\\ 54\\ 2\\ 9\\ 9\\ 15\\ 23\\ 30\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 22\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29$ | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.38 0.33 0.38 0.30 0.40 0.52 0.24 0.18 0.23 0.23 0.23 0.23 0.23 0.23 0.23 0.23 | $\begin{array}{c} 0.84\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.44\\ 0.73\\ 0.41\\ 0.60\\ 0.74\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.65\\ 0.75\\ 0.64\\ 0.45\\ 0.65\\ 0.75\\ 0.64\\ 0.47\\ 0.23\\ 0.66\\ 0.47\\ 0.86\\ 0.38\\ 0.46\\ 0.47\\ 0.41\\ 0.41\\ 0.44\\ 0.41\\ 0.44\\ 0.41\\ 0.44\\ 0.41\\ 0.44\\ 0.41\\ 0.44\\ 0.41\\ 0.44\\ 0.41\\ 0.44\\ 0.41\\ 0.44\\$ | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.70\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 0.68\\ 1.55\\ 1.46\\ 2.12\\ 1.06\\ 1.47\\ 0.39\\ 1.70\\ 1.49\\ 1.45\\ 1.51\\ 1.64\\ 1.66\\ 1.64\\ 1.64\\ 1.66\\ 1.64\\ 1.64\\ 1.64\\ 1.66\\ 1.64\\ 1.66\\$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.44\\ 4.5.68\\ 5.53\\ 5.45\\ 2.25\\ 1.35\\ 5.22\\ 2.64\\ 3.95\\ 5.85\\ 1.43\\ 0.58\\ 2.74\\ 1.69\\ 8.38\\ 1.35\\ 1.3$ | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 1.02\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.76\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.56\\ 3.66\\ 1.70\\ 1.96\\ 2.13\\ 1.88\\ 1.86\\ 3.52\\ 1.45\\ 1.64\\ 0.93\\ 2.66\\ 1.46\\ 3.73\\ 0.75\\ 1.31\\ 1.62\\ 1.79\\ 1.63\\ \end{array}$ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 7 3.73 2.24 2.25 3.96 3.44 3.67 1.50 1.70 0.93 3.59 1.62 1.74 1.88 | $\begin{array}{c} 2.8\\ 1.68\\ 3.30\\ 1.85\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.94\\ 3.90\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.76\\ 3.68\\ 3.77\\ 3.81\\ 3.82\\ 3.89\\ 2.19\\ 2.49\\ 1.48\\ 1.46\\ 3.94\\ 1.46\\ 2.92\\ 2.73\\ 2.61\\ 1.48\\ 1.46\\ 1.46\\ 1.46\\ 1.46\\ 1.46\\ 1.48\\ 1.46\\ 1.48\\ 1.46\\ 1.46\\ 1.48\\ 1.46\\ 1.48\\ 1.46\\ 1.48\\ 1.46\\ 1.48\\ 1.46\\ 1.48\\ 1.46\\ 1.48\\ 1.48\\ 1.46\\ 1.48\\ 1.46\\ 1.48\\ 1.46\\ 1.48\\ 1.48\\ 1.46\\ 1.48\\ 1.48\\ 1.46\\ 1.48\\ 1.48\\ 1.46\\ 1.48\\ 1.48\\ 1.46\\ 1.48\\ 1.48\\ 1.48\\ 1.48\\ 1.46\\ 1.48\\ $ | 1.94 3.91 1.91 1.84 2.34 3.08 2.10 2.10 3.87 3.98 1.49 1.93 1.93 | $\begin{array}{c} -0.39\\ -0.39\\ -0.06\\ 2.06\\ 0.52\\ -0.22\\ -0.46\\ 0.67\\ 0.69\\ 1.10\\ 1.45\\ 0.57\\ 0.07\\ 3.51\\ 1.73\\ 3.18\\ 0.58\\ 0.74\\ 1.05\\ 0.68\\ 0.74\\ 1.05\\ 0.68\\ 0.74\\ 1.05\\ 0.68\\ 0.82\\ 1.00\\ 1.03\\ 1.02\\ 0.30\\ 1.43\\ 0.55\\ 3.53\\ -0.08\\ -0.07\\ 0.73\\ 0.61\\ 1.03\\ 0.61\\ 1.03\\ 0.61\\ 1.03\\ 0.61\\ 0.07\\ 0.73\\ 0.61\\ 1.03\\ 0.61\\ 0.07\\ 0.73\\ 0.61\\ 1.03\\ 0.61\\ 0.08\\ 0.07\\ 0.73\\ 0.61\\ 1.03\\ 0.08\\ 0.07\\ 0.73\\ 0.61\\ 1.03\\ 0.08$ | $\begin{array}{c} 0.43\\ -0.03\\ 2.07\\ 0.52\\ 0.16\\ -0.18\\ -0.39\\ 0.68\\ 0.71\\ 1.12\\ 1.62\\ 0.58\\ 0.71\\ 1.12\\ 1.62\\ 0.58\\ 0.71\\ 1.50\\ 0.87\\ 1.50\\ 0.87\\ 1.50\\ 0.87\\ 1.50\\ 0.87\\ 1.50\\ 0.87\\ 1.50\\ 0.87\\ 1.50\\ 0.87\\ 1.50\\ 0.87\\ 1.50\\ 0.07\\ 0.79\\ 0.68\\ 1.04\\ 1.$ |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 108 109 111 112 113 114 115 116 117 118 119 120 121 123 124 125 126 126 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13$ | $\begin{array}{c} 24\\ 59\\ 8\\ 8\\ 15\\ 21\\ 28\\ 40\\ 48\\ 54\\ 3\\ 16\\ 22\\ 43\\ 54\\ 22\\ 9\\ 9\\ 15\\ 23\\ 30\\ 37\\ 46\\ 53\\ 30\\ 37\\ 46\\ 53\\ 40\\ 12\\ 19\\ 29\\ 39\\ 0\\ 7\\ 7\\ 13\\ 22\\ 29\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50$ | 0.15 0.17 0.19 0.14 0.15 0.28 0.22 0.21 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.31 0.31 0.31 0.31 0.32 0.32 0.32 0.22 0.24 0.24 0.22 0.24 0.25 0.22 0.22 0.21 0.38 0.30 0.30 0.40 0.35 0.31 0.31 0.32 0.32 0.22 0.22 0.32 0.33 0.30 0.32 0.32 | $\begin{array}{c} 0.84\\ 0.32\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.33\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.41\\ 0.65\\ 0.74\\ 0.71\\ 0.75\\ 0.45\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.65\\ 0.66\\ 0.75\\ 0.44\\ 0.47\\ 0.43\\ 0.61\\ 0.47\\ 0.47\\ 0.45\\ 0.44\\ 0.47\\ 0.45\\ 0.44\\ 0.47\\ 0.45\\ 0.44\\ 0.47\\ 0.45\\ 0.44\\ 0.41\\ 0.61\\ 0.41\\ 0.61\\ 0.41\\ 0.61\\ 0.41\\ 0.61\\ 0.41\\ 0.61\\ 0.41\\ 0.61\\ 0.41\\ 0.61\\ 0.41\\ 0.61\\ 0.41\\ 0.61\\ 0.41\\ 0.61\\ 0.41\\ 0.61\\ 0.41\\ 0.61\\ 0.41\\ 0.61\\ 0.41\\ 0.61\\ 0.41\\ 0.61\\ 0.41\\ 0.61\\ 0.41\\ 0.61\\ 0.41\\ 0.61\\ 0.61\\ 0.61\\ 0.45\\ 0.41\\ 0.61\\$ | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.71\\ 0.80\\ 0.70\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 1.23\\ 1.51\\ 1.11\\ 1.01\\ 1.25\\ 0.97\\ 1.23\\ 1.51\\ 1.11\\ 1.01\\ 1.25\\ 0.97\\ 1.35\\ 1.46\\ 1.10\\ 1.47\\ 0.39\\ 1.70\\$ | 1.17 1.21 0.69 0.76 0.92 1.32 0.89 0.73 1.24 4.29 0.61 4.41 5.68 5.53 5.22 2.64 3.95 5.85 1.35 5.22 2.64 3.95 5.85 1.40 1.23 0.88 1.35 1.24 1.40 1.35 1.35 1.35 1.24 1.40 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.40 1.35 1.35 1.35 1.35 1.40 1.35 1.35 1.35 1.35 1.35 1.40 1.35 1.35 1.35 1.35 1.35 1.40 1.35 1.32 1.35 1.35 1.35 1.32 1.35 | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 1.02\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.56\\ 3.56\\ 1.70\\ 1.96\\ 2.13\\ 1.88\\ 1.86\\ 3.52\\ 1.45\\ 1.64\\ 0.93\\ 2.66\\ 1.46\\ 3.73\\ 0.75\\ 1.31\\ 1.62\\ 1.79\\ 1.63\\ 3.35\\ \end{array}$ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.39 1.39 1.39 1.39 2.24 2.25 3.96 3.44 3.67 1.50 1.70 0.93 3.59 1.63 0.80 1.50 1.74 1.88 1.64 3.52 | $\begin{array}{c} 2.50\\ 1.68\\ 3.30\\ 1.85\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.94\\ 3.92\\ 3.76\\ 3.92\\ 3.76\\ 3.92\\ 3.76\\ 3.67\\ 3.92\\ 3.76\\ 3.68\\ 3.77\\ 3.81\\ 3.82\\ 3.82\\ 3.82\\ 1.48\\ 3.81\\ 2.49\\ 1.46\\ 2.92\\ 2.73\\ 2.61\\ 2.73\\ 2.61\\ 2.73\\ 2.61\\ 2.18\\ 3.86\\ \end{array}$ | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 3.87 3.98 1.49 1.93 3.46 2.25 | $\begin{array}{c} -0.39\\ -0.39\\ -0.06\\ 2.06\\ -2.06\\ 0.52\\ 0.15\\ -0.22\\ -0.46\\ 0.67\\ 1.10\\ 1.45\\ 0.57\\ -0.69\\ 1.10\\ 1.45\\ 0.57\\ -0.07\\ 3.51\\ 1.73\\ 3.18\\ 0.58\\ 0.74\\ 1.05\\ 0.68\\ 0.82\\ 1.00\\ 1.03\\ 1.02\\ 0.30\\ 1.43\\ 0.55\\ 3.53\\ -0.08\\ -0.07\\ 0.73\\ 0.61\\ 1.03\\ 2.67\\ \end{array}$ | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.71 1.62 0.58 3.51 3.23 0.75 0.87 1.50 0.88 1.03 2.69 2.69 2.69 2.69 2.69 2.69 2.60 2.60 2.62 0.62 0.71 0.62 |
| 95 96 97 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 121 122 123 123 125 126 125 126 127 127 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13$ | $\begin{array}{c} 24\\ 59\\ 8\\ 15\\ 21\\ 28\\ 40\\ 48\\ 54\\ 3\\ 3\\ 16\\ 22\\ 43\\ 54\\ 2\\ 9\\ 9\\ 15\\ 23\\ 30\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 53\\ 46\\ 53\\ 53\\ 54\\ 53\\ 54\\ 54\\ 54\\ 54\\ 54\\ 54\\ 54\\ 54\\ 54\\ 54$ | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.31 0.23 0.38 0.38 0.30 0.40 0.52 0.22 0.22 0.24 0.21 0.22 0.24 0.36 0.22 0.22 0.22 0.21 0.36 0.36 0.22 0.23 0.23 0.23 0.20 0.36 0.23 0.23 0.20 0.23 0.20 0.23 0.20 0.23 0.23 | 0.84 0.32 0.51 0.39 0.31 0.52 0.44 0.42 0.48 0.73 0.44 0.42 0.48 0.73 0.44 0.73 0.41 0.60 0.74 0.75 0.65 0.65 0.65 0.75 0.65 0.65 0.75 0.64 0.47 0.63 0.64 0.47 0.64 0.47 0.61 0.61 0.61 0.51 | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.70\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 0.68\\ 1.55\\ 1.46\\ 2.12\\ 1.06\\ 1.47\\ 0.39\\ 1.70\\ 1.49\\ 1.45\\ 1.51\\ 1.64\\ 1.08\\ 1.55\\ 1.64\\ 1.08\\ 1.08\\ 1.55\\ 1.64\\ 1.08\\$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.45\\ 2.25\\ 1.35\\ 5.22\\ 2.64\\ 3.95\\ 5.85\\ 1.43\\ 0.58\\ 2.74\\ 1.69\\ 8.38\\ 1.35\\ 1.35\\ 1.35\\ 1.32\\ 0.58\\ 2.74\\ 1.69\\ 8.38\\ 1.35\\ 1.35\\ 1.32\\ 0.76\\ 1.32\\ 0.76\\ 1.79\\ 0.66\\ 1.32\\ 0.70\\ 0.79\\ 0.66\\ 1.32\\ 0.70\\ 0.79\\ 0.66\\ 1.32\\ 0.70\\ 0.79\\ 0.66\\ 1.32\\ 0.70\\ 0.79\\ 0.66\\ 0.82\\ 0.76\\$ | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 1.02\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.76\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.56\\ 3.66\\ 1.70\\ 1.96\\ 2.13\\ 1.88\\ 1.86\\ 3.52\\ 1.64\\ 0.93\\ 2.66\\ 1.46\\ 3.73\\ 2.66\\ 1.64\\ 0.93\\ 2.66\\ 1.64\\ 0.93\\ 1.52\\ 1.52\\ 1.52\\ 1.52\\ 1.53\\ 1.64\\ 0.93\\ 3.55\\ 1.64\\ 1.64\\ 0.93\\ 3.55\\ 1.64\\ 1.64\\ 0.93\\ 3.55\\ 1.64\\ 1.64\\ 0.93\\ 3.55\\ 1.54\\ 1.64\\ 0.93\\ 3.55\\ 1.54\\ 1.64\\ 0.93\\ 3.55\\ 1.54\\ 1.64\\ 0.93\\ 3.55\\ 1.54\\ 1.64\\ 0.93\\ 1.62\\ 1.79\\ 1.63\\ 3.35\\ 1.02\\$ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 3.73 2.24 2.25 3.96 3.44 3.67 1.50 1.70 0.93 3.59 1.62 1.74 1.88 0.80 1.50 1.74 1.88 | $\begin{array}{c} 2.80\\ 1.68\\ 3.30\\ 1.85\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.94\\ 3.90\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.76\\ 3.68\\ 3.77\\ 3.81\\ 3.82\\ 3.89\\ 2.19\\ 2.49\\ 1.48\\ 3.82\\ 3.89\\ 2.19\\ 2.49\\ 1.48\\ 3.82\\ 3.89\\ 2.19\\ 2.49\\ 1.48\\ 3.82\\ 3.89\\ 2.19\\ 2.49\\ 1.48\\ 3.82\\ 3.89\\ 1.46\\ 2.92\\ 2.73\\ 2.61\\ 1.8\\ 3.86\\ 1.87\\ 1.86\\ 1.86\\ 1.86\\ 1.87\\ 1.86\\ $ | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 3.87 3.98 1.49 1.93 1.93 3.46 2.25 | $\begin{array}{c} -0.39\\ -0.39\\ -0.06\\ 2.06\\ 0.52\\ -0.46\\ 0.52\\ -0.22\\ -0.46\\ 0.67\\ -0.22\\ -0.46\\ 0.67\\ -0.67\\ -0.67\\ -0.67\\ -0.07\\ -0.57\\ -0.07\\ -0.07\\ -0.07\\ -0.03\\ -0.08\\ -0.07\\ -0.07\\ -0.08\\ -0.08\\ -0.07\\ -0.08\\ -0.08\\ -0.07\\ -0.08\\ $ | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.71 0.58 0.19 3.68 3.51 3.23 0.75 0.87 1.50 0.87 1.50 0.887 1.50 0.62 0.52 0.62 0.71 0.62 0.58 0.071 0.62 0.59 0.62 0.58 0.71 0.55 0.877 1.50 0.887 1.50 0.62 0.71 0.52 0.71 0.55 0.71 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 |
| 95 96 97 98 99 100 101 102 103 104 105 106 100 101 101 102 103 104 105 106 107 108 109 110 111 112 113 113 116 117 118 119 120 121 123 124 125 126 127 127 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | $\begin{array}{c} 24\\ 59\\ 8\\ 8\\ 15\\ 21\\ 28\\ 40\\ 48\\ 54\\ 3\\ 16\\ 22\\ 43\\ 54\\ 22\\ 43\\ 54\\ 22\\ 9\\ 9\\ 15\\ 30\\ 37\\ 46\\ 53\\ 30\\ 37\\ 46\\ 53\\ 44\\ 12\\ 19\\ 29\\ 39\\ 0\\ 0\\ 7\\ 13\\ 22\\ 29\\ 50\\ 54\\ 54\\ 55\\ 54\\ 55\\ 55\\ 55\\ 55\\ 55\\ 55$ | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.49 0.20 0.31 0.31 0.32 0.31 0.31 0.32 0.22 0.22 0.22 0.22 0.22 0.24 0.10 0.36 0.18 0.25 0.23 0.20 0.36 0.13 | $\begin{array}{c} 0.84\\ 0.32\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.33\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.41\\ 0.61\\ 0.74\\ 0.71\\ 0.75\\ 0.44\\ 0.71\\ 0.75\\ 0.45\\ 0.65\\ 0.65\\ 0.75\\ 0.66\\ 0.73\\ 0.66\\ 0.38\\ 0.44\\ 0.47\\ 0.47\\ 0.61\\ 0.47\\ 0.45\\ 0.61\\ 0.44\\ 0.47\\ 0.45\\ 0.61\\ 0.38\\ 0.46\\ 0.44\\ 0.47\\ 0.45\\ 0.61\\ 0.30\\ 0.50\\ 0.30\\$ | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.70\\ 0.70\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 1.23\\ 1.51\\ 1.64\\ 2.12\\ 1.06\\ 1.47\\ 0.39\\ 1.70\\ 1.49\\ 1.45\\ 1.51\\ 1.64\\ 1.08\\ 1.93\\$ | 1.17 1.21 0.69 0.76 0.92 1.32 0.89 0.73 1.24 4.29 0.61 4.44 5.68 5.53 5.22 2.64 3.95 5.85 1.35 5.22 2.64 3.95 5.85 1.40 1.23 0.89 0.73 1.24 4.41 5.68 2.25 1.35 5.22 2.264 3.95 5.85 1.35 1.40 1.23 0.88 1.35 1.24 1.35 1.24 1.35 1.24 1.35 1.24 1.35 1.24 1.35 1.25 1.35 1.24 1.35 1.24 1.35 1.24 1.35 1.25 1.35 1.24 1.35 1.24 1.35 1.24 1.35 1.24 1.35 1.24 1.35 1.24 1.35 1.24 1.35 1.24 1.35 1.24 1.35 1.24 1.35 1.23 1.24 1.35 1.23 1.24 1.35 1.23 1.35 1.23 1.24 1.40 1.23 1.24 1.35 1.35 1.24 1.35 1.35 1.35 1.35 1.23 1.24 1.40 1.23 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.24 1.40 1.23 1.35 | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 1.02\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.56\\ 3.56\\ 1.70\\ 1.9\\ 1.9\\ 1.9\\ 1.9\\ 1.88\\ 1.86\\ 3.52\\ 1.48\\ 1.64\\ 0.93\\ 2.66\\ 1.46\\ 0.93\\ 2.66\\ 1.46\\ 0.93\\ 2.66\\ 1.46\\ 1.64\\ 0.93\\ 2.66\\ 1.46\\ 1.64\\ 1.62\\ 1.79\\ 1.63\\ 3.52\\ 1.31\\ 1.62\\ 1.79\\ 1.63\\ 3.35\\ 1.08\\ 1.08\\ 1.0$ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.39 1.39 1.39 1.62 3.73 2.24 2.25 3.96 3.44 3.67 1.50 1.70 0.93 3.59 1.63 0.80 1.50 1.74 1.88 1.64 3.52 1.10 | $\begin{array}{c} 2.50\\ 1.68\\ 3.30\\ 1.85\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.94\\ 3.92\\ 3.76\\ 3.94\\ 3.92\\ 3.76\\ 3.94\\ 3.92\\ 3.76\\ 3.68\\ 3.77\\ 3.81\\ 3.82\\ 3.82\\ 1.48\\ 3.81\\ 2.49\\ 1.46\\ 2.92\\ 2.73\\ 2.61\\ 2.18\\ 3.86\\ 1.87\\ 1.87\\ \end{array}$ | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | -0.39 -0.39 -0.06 2.06 -2.06 -2.06 -2.06 -2.06 -2.06 -2.02 -0.46 -0.22 -0.46 -0.67 -0.22 -0.46 -0.67 -0.57 -0.69 -1.10 -1.45 -0.57 -0.69 -1.10 -1.45 -0.57 -0.69 -1.10 -1.45 -0.57 -0.69 -1.10 -1.45 -0.67 -0.69 -1.10 -1.45 -0.67 -0.69 -1.10 -1.45 -0.67 -0.69 -1.10 -1.45 -0.67 -0.69 -1.10 -1.45 -0.67 -0.67 -0.69 -1.10 -1.45 -0.67 -0.69 -1.10 -1.45 -0.67 -0.69 -1.10 -1.45 -0.67 -0.69 -1.10 -1.45 -0.67 -0.69 -1.10 -1.45 -0.67 -0.69 -1.10 -1.45 -0.67 -0.67 -0.69 -1.10 -1.45 -0.67 -0.67 -0.67 -0.69 -1.10 -1.45 -0.67 -0.57 -0.67 -0.67 -0.67 -0.67 -0.67 -0.67 -0.68 -0.68 -0.68 -0.68 -0.68 -0.68 -0.68 -0.68 -0.68 -0.68 -0.68 -0.68 -0.68 -0.68 -0.68 -0.69 -0.67 -0.68 -0.68 -0.68 -0.68 -0.68 -0.68 -0.65 -0.69 -0.67 -0.67 -0.68 -0.68 -0.68 -0.67 -0.67 -0.67 -0.67 -0.67 -0.67 -0.67 -0.67 -0.67 -0.67 -0.67 -0.67 -0.68 -0.68 -0.67 -0.63 -0.68 -0.63 -0.77 - | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.71 1.50 0.58 3.51 3.23 0.75 0.87 1.50 0.887 1.50 0.887 1.50 0.887 1.50 0.887 1.50 0.887 1.50 0.887 1.64 1.04 1.62 0.62 |
| 95 96 97 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 126 126 127 128 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13$ | $\begin{array}{c} 24\\ 59\\ 8\\ 8\\ 15\\ 21\\ 28\\ 40\\ 48\\ 54\\ 3\\ 3\\ 16\\ 6\\ 22\\ 43\\ 54\\ 2\\ 9\\ 9\\ 15\\ 23\\ 30\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 37\\ 46\\ 53\\ 53\\ 53\\ 53\\ 53\\ 53\\ 53\\ 53\\ 55\\ 58\\ 58\\ 58\\ 58\\ 58\\ 58\\ 58\\ 58\\ 58$ | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.31 0.23 0.34 0.35 0.30 0.40 0.52 0.24 0.24 0.25 0.23 0.24 0.18 0.23 0.23 0.23 0.23 0.23 0.20 0.36 0.13 | 0.84 0.32 0.51 0.39 0.31 0.52 0.44 0.42 0.48 0.73 0.44 0.42 0.44 0.73 0.41 0.64 0.75 0.65 0.75 0.64 0.75 0.65 0.75 0.65 0.75 0.64 0.75 0.65 0.75 0.64 0.75 0.65 0.75 0.65 0.75 0.64 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.7 | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.71\\ 0.80\\ 0.70\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 0.68\\ 1.55\\ 1.46\\ 2.12\\ 1.06\\ 1.47\\ 0.39\\ 1.70\\ 1.49\\ 1.45\\ 1.51\\ 1.64\\ 1.08\\ 1.93\\ 1.79\\$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.45\\ 2.25\\ 1.35\\ 5.22\\ 2.64\\ 3.95\\ 5.85\\ 5.22\\ 2.64\\ 3.95\\ 5.85\\ 1.40\\ 1.23\\ 0.58\\ 2.74\\ 1.69\\ 8.38\\ 1.35\\ 1.35\\ 1.35\\ 1.35\\ 1.35\\ 1.32\\ 0.70\\ 1.79\\ 0.66\\ 0.45\\ \end{array}$ | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 1.02\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.76\\ 3.66\\ 1.70\\ 1.96\\ 2.13\\ 1.88\\ 1.86\\ 3.52\\ 1.64\\ 0.93\\ 2.66\\ 1.64\\ 0.93\\ 2.66\\ 1.64\\ 0.93\\ 2.66\\ 1.64\\ 1.64\\ 0.93\\ 2.66\\ 1.64\\ 1.64\\ 0.93\\ 2.65\\ 1.51\\ 1.64\\ 0.93\\ 2.65\\ 1.64\\ 1.63\\ 3.73\\ 0.75\\ 1.31\\ 1.62\\ 1.79\\ 1.63\\ 3.35\\ 1.08\\ 1.45\\ 1.08\\ 1.45\\ 1.08\\ 1.45\\ 1.08\\ 1.45\\ 1.08\\ 1.45\\ 1.08\\ 1.45\\ 1.08\\ 1.45\\ 1.08\\ 1.45\\ 1.08\\ 1.45\\ 1.08\\ 1.45\\ 1.08\\ 1.08\\ 1.45\\ 1.08\\ 1.08\\ 1.45\\ 1.08\\ 1.08\\ 1.45\\ 1.08\\ 1.08\\ 1.45\\ 1.08\\ 1.08\\ 1.45\\ 1.08\\ 1.08\\ 1.45\\ 1.08\\ 1.08\\ 1.45\\ 1.08\\ 1.08\\ 1.45\\ 1.08\\ 1.08\\ 1.45\\ 1.08\\ 1.08\\ 1.45\\ 1.08\\ 1.08\\ 1.45\\ 1.08\\ 1.08\\ 1.45\\ 1.08\\ 1.08\\ 1.45\\ 1.08\\ 1.08\\ 1.45\\ 1.08\\ 1.08\\ 1.45\\ 1.08\\ 1.08\\ 1.45\\ 1.08\\ 1.08\\ 1.08\\ 1.08\\ 1.45\\ 1.08\\$ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 3.73 2.24 2.25 3.96 3.44 3.67 1.50 1.70 0.93 3.59 1.62 0.93 3.59 1.63 1.74 1.88 1.64 1.74 1.88 1.65 1.74 1.88 1.65 1.74 1.88 1.65 1.74 1.74 1.88 1.65 1.74 1.74 1.74 1.74 1.74 1.74 1.74 1.74 | $\begin{array}{c} 2.80\\ 1.68\\ 3.30\\ 1.85\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.94\\ 3.90\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.76\\ 3.68\\ 3.77\\ 3.81\\ 3.82\\ 3.89\\ 2.19\\ 2.49\\ 1.48\\ 3.81\\ 2.46\\ 3.94\\ 1.48\\ 3.94\\ 1.46\\ 2.92\\ 2.73\\ 2.61\\ 1.8\\ 3.86\\ 1.87\\ 2.58\\ \end{array}$ | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 2.10 3.87 3.98 1.49 1.93 1.93 1.93 1.93 | $\begin{array}{c} -0.39\\ -0.39\\ -0.06\\ 2.06\\ 0.52\\ -0.22\\ -0.46\\ 0.67\\ 0.69\\ 1.10\\ 1.45\\ 0.57\\ 0.07\\ 3.51\\ 1.73\\ 3.18\\ 0.58\\ 0.74\\ 1.05\\ 0.68\\ 0.82\\ 1.00\\ 1.03\\ 1.02\\ 0.30\\ 1.03\\ 1.02\\ 0.30\\ 1.03\\ 1.02\\ 0.30\\ 1.03\\ 2.67\\ 0.07\\ 0.73\\ 0.07\\ $ | $\begin{array}{c} 0.43\\ -0.03\\ 2.07\\ 0.52\\ 0.16\\ -0.18\\ -0.39\\ 0.68\\ 0.71\\ 1.12\\ 1.62\\ 0.58\\ 0.71\\ 1.12\\ 1.62\\ 0.58\\ 0.71\\ 1.50\\ 0.87\\ 1.50\\ 0.87\\ 1.50\\ 0.87\\ 1.50\\ 0.87\\ 1.50\\ 0.87\\ 1.50\\ 0.87\\ 1.50\\ 0.88\\ 1.04\\ 1.04\\ 1.04\\ 0.07\\ 0.79\\ 0.68\\ 1.04\\ 0.07\\ 0.79\\ 0.68\\ 1.04\\ 0.07\\ 0.79\\ 0.68\\ 0.08\\ 1.04\\ 0.08\\ 0.$ |
| 95 96 97 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 111 112 113 113 116 117 118 119 120 121 123 124 125 126 127 128 129 129 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | $\begin{array}{c} 24\\ 59\\ 8\\ 8\\ 15\\ 21\\ 28\\ 40\\ 48\\ 54\\ 3\\ 16\\ 22\\ 43\\ 54\\ 22\\ 9\\ 9\\ 15\\ 23\\ 30\\ 37\\ 46\\ 53\\ 30\\ 37\\ 46\\ 53\\ 40\\ 12\\ 29\\ 9\\ 00\\ 7\\ 7\\ 13\\ 22\\ 29\\ 50\\ 54\\ 58\\ 3\\ 3\end{array}$ | 0.15 0.17 0.19 0.14 0.15 0.28 0.22 0.21 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.31 0.31 0.31 0.33 0.30 0.40 0.35 0.30 0.47 0.51 0.31 0.32 0.32 0.22 0.22 0.24 0.38 0.30 0.30 0.40 0.35 0.31 0.32 0.32 0.22 0.22 0.31 0.33 0.30 0.30 0.36 0.36 0.25 0.22 0.22 0.31 0.36 0.30 0.36 0.36 0.36 0.36 0.36 0.36 | $\begin{array}{c} 0.84\\ 0.32\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.33\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.44\\ 0.71\\ 0.75\\ 0.44\\ 0.71\\ 0.75\\ 0.45\\ 0.65\\ 0.75\\ 0.45\\ 0.65\\ 0.75\\ 0.44\\ 0.47\\ 0.25\\ 0.66\\ 0.75\\ 0.44\\ 0.47\\ 0.45\\ 0.61\\ 0.38\\ 0.46\\ 0.47\\ 0.45\\ 0.61\\ 0.38\\ 0.46\\ 0.38\\ 0.46\\ 0.47\\ 0.45\\ 0.61\\ 0.36\\ 0.35\\$ | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.70\\ 0.80\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 1.23\\ 1.51\\ 1.64\\ 2.12\\ 1.06\\ 1.47\\ 0.39\\ 1.70\\ 1.45\\ 1.51\\ 1.64\\ 1.08\\ 1.93\\ 1.79\\ 1.74\\$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.22\\ 2.64\\ 3.95\\ 5.22\\ 2.26\\ 1.35\\ 5.22\\ 2.264\\ 3.95\\ 5.85\\ 1.40\\ 1.23\\ 0.58\\ 2.74\\ 1.69\\ 8.38\\ 1.35\\ 1.35\\ 1.32\\ 1.54\\ 1.13\\ 0.70\\ 1.79\\ 0.66\\ 0.45\\ 0.50\end{array}$ | 0.78 2.59 1.20 1.02 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.72 3.56 3.66 1.70 1.96 2.13 1.88 1.88 1.88 1.86 3.52 1.45 1.64 0.93 2.66 1.46 1.62 1.79 1.62 1.79 1.63 3.35 1.08 1.44 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.39 1.39 1.39 2.24 2.25 3.96 3.44 3.67 1.50 1.70 0.93 3.59 1.63 0.80 1.50 1.74 1.88 1.64 3.52 1.10 1.47 1.47 | $\begin{array}{c} 2.5 \\ \hline 2.68 \\ \hline 3.30 \\ \hline 1.68 \\ \hline 3.30 \\ \hline 1.68 \\ \hline 3.30 \\ \hline 1.78 \\ \hline 2.08 \\ \hline 2.92 \\ \hline 2.83 \\ \hline 3.82 \\ \hline 2.00 \\ \hline 3.75 \\ \hline 3.82 \\ \hline 3.94 \\ \hline 3.92 \\ \hline 3.76 \\ \hline 3.94 \\ \hline 3.92 \\ \hline 3.76 \\ \hline 3.94 \\ \hline 3.92 \\ \hline 3.92 \\ \hline 3.76 \\ \hline 3.94 \\ \hline 3.94 \\ \hline 3.94 \\ \hline 3.94 \\ \hline 3.92 \\ \hline 3.92 \\ \hline 3.76 \\ \hline 3.88 \\ \hline 3.81 \\ \hline 2.49 \\ \hline 2.19 \\ \hline 2.49 \\ \hline 2.19 \\ \hline 2.49 \\ \hline 2.19 \\$ | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | $\begin{array}{c} -0.39\\ -0.39\\ -0.06\\ 2.06\\ 0.52\\ 0.15\\ -0.22\\ -0.46\\ 0.67\\ 0.69\\ 1.10\\ 1.45\\ 0.57\\ 0.07\\ 3.51\\ 1.73\\ 3.18\\ 0.74\\ 1.05\\ 0.68\\ 0.82\\ 1.00\\ 1.03\\ 1.02\\ 0.30\\ 1.03\\ 1.02\\ 0.30\\ 1.03\\ 1.02\\ 0.30\\ 1.03\\ 1.02\\ 0.30\\ 1.03\\ 1.02\\ 0.30\\ 1.03\\ 1.02\\ 0.30\\ 0.61\\ 1.03\\ 2.67\\ 0.37\\ 0.07\\ 0.56\end{array}$ | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.71 3.23 0.75 0.58 0.19 3.66 3.51 1.50 0.87 1.50 0.87 1.50 0.87 1.50 0.87 1.50 0.62 -0.04 0.07 1.62 0.62 -0.04 0.07 0.79 0.68 1.04 2.75 0.75 0.75 0.88 0.07 1.62 0.03 0.62 0.03 0.05 0.04 0.05 0.05 0.05 0.05 0.05 0.05 |
| 95 96 97 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 126 127 128 129 129 130 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13$ | 24 59 8 15 21 28 40 40 48 54 3 16 62 22 43 54 22 43 54 22 43 54 22 43 54 22 9 9 15 23 30 37 46 53 46 53 40 7 46 53 40 7 7 40 7 7 7 46 53 7 7 7 7 7 7 7 7 7 7 7 7 7 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.49 0.20 0.35 0.50 0.47 0.51 0.31 0.31 0.23 0.38 0.30 0.40 0.52 0.22 0.24 0.22 0.24 0.22 0.24 0.36 0.36 0.22 0.22 0.23 0.22 0.24 0.36 0.22 0.24 0.36 0.22 0.23 0.23 0.23 0.23 0.23 0.23 0.23 | 0.84 0.32 0.51 0.39 0.31 0.52 0.44 0.42 0.48 0.73 0.44 0.42 0.48 0.73 0.44 0.73 0.44 0.73 0.44 0.73 0.74 0.74 0.75 0.55 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.7 | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.71\\ 0.80\\ 0.70\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 0.68\\ 1.55\\ 1.46\\ 2.12\\ 1.06\\ 1.47\\ 0.39\\ 1.70\\ 1.48\\ 1.55\\ 1.46\\ 1.47\\ 1.68\\ 1.55\\ 1.46\\ 1.47\\ 1.68\\ 1.55\\ 1.64\\ 1.64\\ 1.08\\ 1.93\\ 1.79\\ 1.74\\ 1.68\\ 1.93\\ 1.79\\ 1.74\\ 1.68\\ 1.93\\ 1.79\\ 1.74\\ 1.68\\ 1.93\\ 1.79\\ 1.74\\ 1.68\\ 1.93\\ 1.79\\ 1.74\\ 1.68\\ 1.93\\ 1.79\\ 1.74\\ 1.68\\ 1.93\\ 1.79\\ 1.74\\ 1.68\\ 1.93\\ 1.79\\ 1.74\\ 1.68\\ 1.93\\ 1.79\\ 1.74\\ 1.68\\ 1.93\\ 1.79\\ 1.74\\ 1.68\\ 1.93\\ 1.79\\ 1.74\\ 1.68\\ 1.93\\ 1.79\\ 1.74\\ 1.68\\ 1.98\\ 1.93\\ 1.79\\ 1.74\\ 1.68\\ 1.98\\ 1.93\\ 1.79\\ 1.74\\ 1.68\\ 1.98\\ 1.93\\ 1.79\\ 1.74\\ 1.68\\ 1.98\\ 1.93\\ 1.79\\ 1.74\\ 1.68\\ 1.98\\ 1.93\\ 1.79\\ 1.74\\ 1.68\\ 1.98\\$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.22\\ 2.64\\ 3.95\\ 5.85\\ 5.22\\ 2.64\\ 3.95\\ 5.85\\ 1.40\\ 1.23\\ 0.58\\ 2.74\\ 1.69\\ 8.38\\ 1.35\\ 1.35\\ 1.35\\ 1.35\\ 1.35\\ 1.35\\ 1.35\\ 1.32\\ 0.58\\ 2.74\\ 1.69\\ 0.68\\ 1.35\\ 1.35\\ 0.70\\ 0.68\\ 1.35\\$ | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 1.02\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.56\\ 3.66\\ 1.70\\ 1.96\\ 2.13\\ 1.88\\ 1.86\\ 3.52\\ 1.64\\ 1.96\\ 2.13\\ 1.88\\ 1.86\\ 3.52\\ 1.64\\ 1.64\\ 1.64\\ 1.64\\ 1.64\\ 1.64\\ 1.64\\ 1.64\\ 1.64\\ 1.63\\ 3.73\\ 0.75\\ 1.31\\ 1.62\\ 1.79\\ 1.63\\ 3.35\\ 1.08\\ 1.45\\ 1.44\\ 1.44\\ 1.44\\ 1.44\\ 1.63\\ 1.64\\ 1.68\\$ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.39 1.39 1.62 3.73 2.24 2.25 3.96 3.44 3.67 1.50 1.70 0.93 3.59 1.60 1.74 1.88 0.80 1.74 1.88 1.65 1.74 1.65 1.74 1.65 1.74 1.65 1.74 1.65 1.74 1.74 1.74 1.74 1.74 1.74 1.74 1.74 1.74 1.74 1.74 1.74 1.74 1.74 1.74 1.75 1.74 1.75 1.74 1.75 1.74 1.75 1.77 1.75 1.77 1.75 1.77 1.75 1.77 1.75 1.77 1.77 1.75 1.77 1.75 1.77 1.77 1.75 1.77 1.77 1.75 1.77 1.75 1.77 1.75 1.77 1.75 1.77 1.75 1.77 1.75 1.77 1.75 1.77 1.75 1.77 1.75 1.77 1.75 1.77 1.75 1.77 1.75 1.77 1.75 1.77 1.75 | 2.58 1.68 3.30 1.85 1.78 1.78 1.53 2.47 2.08 2.92 2.83 3.82 2.00 3.75 3.94 3.90 3.92 3.94 3.90 3.92 3.94 3.90 3.92 3.68 3.77 3.68 3.77 3.81 3.82 3.82 2.49 2.49 1.48 3.82 2.49 2.49 1.48 3.82 2.49 2.49 1.48 3.82 2.49 2.49 1.48 3.82 2.49 2.49 1.48 3.82 2.19 2.49 1.48 3.82 2.49 1.48 3.82 2.49 1.48 3.82 2.49 1.48 3.82 2.49 1.48 3.82 2.49 1.48 3.82 2.49 1.48 3.82 2.49 1.48 3.82 2.49 1.48 3.82 2.49 1.48 3.82 2.49 1.48 3.84 2.49 2.49 1.48 3.84 2.49 1.48 3.84 2.49 1.48 3.84 2.49 1.48 3.86 1.48 3.86 1.47 2.61 2.58 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 3.87 3.98 1.49 1.93 1.93 1.93 1.93 1.93 1.91 2.66 2.20 2.23 | -0.39 -0.39 -0.06 2.06 2.06 2.06 2.06 2.06 2.06 2.06 | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.62 0.58 0.19 3.68 3.51 3.23 0.75 0.87 1.50 0.887 1.50 0.887 1.50 0.887 1.50 0.887 1.50 0.887 1.50 0.863 1.04 0.30 1.62 0.04 0.079 0.688 1.04 0.030 1.62 0.057 1.04 0.057 0.052 0.057 0.05 |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13$ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 22 9 15 23 30 37 46 53 46 53 46 53 40 77 29 00 71 29 29 00 71 29 29 20 20 20 20 20 20 20 20 20 20 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.49 0.20 0.35 0.31 0.31 0.31 0.31 0.32 0.22 0.22 0.22 0.22 0.22 0.22 0.22 0.22 0.22 0.22 0.22 0.22 0.22 0.23 0.25 0.23 0.23 0.36 0.13 0.16 0.17 0.19 | $\begin{array}{c} 0.84\\ 0.32\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.33\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.44\\ 0.71\\ 0.75\\ 0.44\\ 0.71\\ 0.75\\ 0.64\\ 0.55\\ 0.65\\ 0.75\\ 0.64\\ 0.55\\ 0.65\\ 0.75\\ 0.64\\ 0.55\\ 0.66\\ 0.75\\ 0.44\\ 0.47\\ 0.23\\ 0.61\\ 0.38\\ 0.46\\ 0.38\\ 0.46\\ 0.38\\ 0.46\\ 0.38\\ 0.46\\ 0.37\\ 0.35\\ 0.37\\ 0.39\\$ | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.70\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 1.23\\ 1.51\\ 1.64\\ 1.45\\ 1.51\\ 1.64\\ 1.08\\ 1.93\\ 1.79\\ 1.74\\ 1.69\\ 1.74\\ 1.74\\ 1.69\\ 1.74\\ 1.74\\ 1.69\\ 1.74\\ 1.69\\ 1.74\\ 1.69\\ 1.74\\ 1.69\\ 1.74\\ 1.69\\ 1.74\\ 1.69\\ 1.74\\ 1.74\\ 1.69\\ 1.74\\ 1.74\\ 1.69\\ 1.74\\ 1.74\\ 1.69\\ 1.74\\ 1.74\\ 1.69\\ 1.74\\$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.22\\ 2.64\\ 3.95\\ 5.22\\ 2.26\\ 1.35\\ 5.22\\ 2.26\\ 1.35\\ 5.22\\ 2.26\\ 1.35\\ 1.23\\ 1.35\\ 1.35\\ 1.23\\ 1.58\\ 1.40\\ 1.23\\ 0.76\\ 1.23\\ 1.58\\ 1.35\\$ | 0.78 2.59 1.20 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.72 3.56 3.66 1.70 1.98 1.88 1.86 3.52 1.43 0.93 2.66 1.44 0.62 1.31 1.62 1.79 1.63 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.39 1.39 1.39 2.24 2.25 3.96 3.44 3.67 1.50 1.70 0.93 3.59 1.63 0.80 1.50 1.74 1.88 1.64 1.64 | $\begin{array}{c} 2.50\\ 1.68\\ 3.30\\ 1.85\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.94\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.76\\ 3.94\\ 3.90\\ 3.92\\ 3.76\\ 3.68\\ 3.77\\ 3.81\\ 3.82\\ 3.94\\ 3.90\\ 2.19\\ 2.49\\ 1.46\\ 2.92\\ 1.49\\ 1.46\\ 2.92\\ 2.61\\ 2.18\\ 2.61\\ 2.18\\ 2.61\\ 2.15\\ 2.28\\ 1.87\\ 2.55\\ 2.55\\$ | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | -0.39 -0.39 -0.06 2.06 -2.06 -2.06 -2.06 -2.06 -2.06 -2.06 -2.07 -0.22 -0.46 -0.67 -0.22 -0.46 -0.67 -0.57 -0.69 -1.10 -1.43 -0.57 -0.67 -0.55 -0.22 -0.46 -0.67 -0.67 -0.67 -0.67 -0.67 -0.67 -0.67 -0.67 -0.67 -0.68 -0.74 -0.68 -0.74 -0.67 -0.68 -0.74 -0.67 -0.77 -0.77 -0.77 -0.77 -0.77 -0.77 -0.77 -0.77 -0.77 -0.77 -0.77 -0.56 -0.37 -0.55 -0.37 -0.55 -0.57 - | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.52 0.16 0.18 0.19 0.58 0.19 0.52 0.19 0.52 0.19 0.58 0.19 0.58 0.19 0.52 0.19 0.58 0.19 0.68 1.00 0.87 1.50 0.87 1.50 0.86 1.00 0.66 1.00 0.68 0.07 1.50 0.88 0.07 1.50 0.88 0.07 1.50 0.68 0.087 1.00 0.68 0.087 1.00 0.68 0.087 1.00 0.68 0.087 1.00 0.68 0.087 1.00 0.68 0.087 1.00 0.68 0.087 1.00 0.68 0.087 1.00 0.88 0.087 1.00 0.88 0.05 0.068 0.00 0.087 0.068 0.00 0.06 0.087 0.068 0.00 0.068 0.00 0.068 0.00 0.068 0.00 0.00 |
| 95 96 97 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 111 112 113 114 115 116 117 118 119 120 121 122 123 124 124 125 126 126 127 128 129 130 130 131 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13$ | $\begin{array}{c} 24\\ 59\\ 8\\ 15\\ 21\\ 28\\ 40\\ 48\\ 54\\ 3\\ 3\\ 16\\ 22\\ 43\\ 54\\ 2\\ 9\\ 9\\ 15\\ 22\\ 43\\ 30\\ 37\\ 46\\ 53\\ 30\\ 37\\ 46\\ 53\\ 30\\ 37\\ 46\\ 53\\ 30\\ 37\\ 46\\ 53\\ 30\\ 37\\ 22\\ 9\\ 50\\ 54\\ 58\\ 3\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\$ | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.32 0.33 0.34 0.35 0.36 0.47 0.51 0.31 0.32 0.23 0.24 0.10 0.36 0.24 0.25 0.23 0.23 0.23 0.23 0.23 0.23 0.23 0.23 0.24 0.68 0.13 0.13 0.13 0.13 0.14 | 0.84 0.32 0.51 0.39 0.31 0.52 0.44 0.42 0.48 0.73 0.44 0.42 0.48 0.73 0.44 0.73 0.44 0.73 0.44 0.73 0.74 0.74 0.75 0.55 0.65 0.75 0.64 0.75 0.65 0.75 0.64 0.75 0.65 0.75 0.64 0.75 0.65 0.75 0.64 0.75 0.65 0.75 0.64 0.75 0.65 0.75 0.65 0.75 0.64 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.64 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.47 0.75 0.65 0.47 0.75 0.65 0.47 0.75 0.65 0.47 0.75 0.65 0.47 0.75 0.65 0.47 0.75 0.65 0.47 0.75 0.65 0.47 0.47 0.44 0.77 0.65 0.64 0.77 0.65 0.64 0.77 0.65 0.64 0.77 0.65 0.64 0.77 0.65 0.64 0.77 0.64 0.77 0.64 0.77 0.64 0.77 0.64 0.77 0.64 0.77 0.64 0.77 0.64 0.77 0.64 0.47 0.64 0.47 0.64 0.47 0.64 0.47 0.64 0.47 0.44 0.44 0.44 0.44 0.44 0.44 0.4 | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.71\\ 0.80\\ 0.70\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 0.68\\ 1.55\\ 1.46\\ 2.12\\ 1.06\\ 1.47\\ 0.39\\ 1.70\\ 1.48\\ 1.55\\ 1.46\\ 1.47\\ 1.69\\ 1.51\\ 1.64\\ 1.08\\ 1.93\\ 1.79\\ 1.74\\ 1.69\\ 1.58\\ 1.58\\ 1.58\\ 1.56\\$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.45\\ 2.25\\ 1.35\\ 5.22\\ 2.64\\ 3.95\\ 5.85\\ 1.40\\ 1.23\\ 0.58\\ 2.74\\ 1.69\\ 8.38\\ 1.35\\ 1.32\\ 1.54\\ 1.54\\ 1.13\\ 0.70\\ 0.68\\ 8.38\\ 1.35\\ 1.54\\ 1.54\\ 1.54\\ 1.54\\ 1.54\\ 1.54\\ 1.54\\ 1.54\\ 1.54\\ 1.54\\ 1.54\\ 1.54\\ 1.54\\ 1.54\\ 1.55\\ 1.54\\ 1.55\\ 1.54\\ 1.55\\ 1.54\\ 1.55\\$ | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 1.02\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.56\\ 3.66\\ 1.70\\ 1.96\\ 2.13\\ 1.88\\ 1.86\\ 3.52\\ 1.45\\ 1.64\\ 0.93\\ 2.66\\ 1.46\\ 3.73\\ 0.75\\ 1.31\\ 1.62\\ 1.79\\ 1.63\\ 3.35\\ 1.08\\ 1.45\\ 1.64\\ 1.62\\ 1.25\\ 1.51\\ 1.64\\ 1.62\\ 1.25\\ 1.51\\ 1.64\\ 1.62\\ 1.25\\ 1.51\\$ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.88 3.73 2.24 2.25 3.96 3.44 3.67 1.50 1.70 0.93 3.59 1.63 0.80 1.74 1.88 0.80 1.74 1.88 1.64 1.45 | $\begin{array}{c} 2.8\\ 1.68\\ 3.30\\ 1.85\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.82\\ 2.00\\ 3.75\\ 3.82\\ 2.00\\ 3.76\\ 3.68\\ 3.77\\ 3.94\\ 3.90\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.76\\ 3.68\\ 3.77\\ 3.81\\ 3.82\\ 3.89\\ 2.19\\ 2.49\\ 1.48\\ 3.82\\ 3.89\\ 1.46\\ 2.92\\ 2.73\\ 2.61\\ 1.88\\ 3.86\\ 1.87\\ 2.58\\ 2.15\\ 2.28\\ 2.65\\ \end{array}$ | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 2.10 3.87 3.98 1.49 1.93 1.93 1.93 1.93 1.93 1.93 1.93 | $\begin{array}{c} -0.39\\ -0.39\\ -0.06\\ 2.06\\ 0.52\\ -0.22\\ -0.46\\ 0.67\\ -0.22\\ -0.46\\ 0.67\\ -0.22\\ -0.46\\ 0.67\\ -0.67\\ -0.67\\ -0.68\\ -0.68\\ -0.07\\ -0.07\\ -0.35\\ -0.08\\ -0.08\\ -0.07\\ -0.30\\ -0.08\\ -0.07\\ -0.35\\ -0.08\\ -0.07\\ -0.03\\ -0.08\\ -0.07\\ -0.07\\ -0.55\\ -0.08\\ -0.07\\ -0.07\\ -0.55\\ -0.08\\ -0.07\\ -0.08\\ -0.07\\ -0.07\\ -0.55\\ -0.08\\ -0.07\\ -0.08\\ -0.07\\ -0.08\\ -0.07\\ -0.05\\ -0.08\\ -0.07\\ -0.05\\ -0.08\\ -0.07\\ -0.05\\ -0.08\\ -0.07\\ -0.05\\ -0.08\\ -0.07\\ -0.05\\ -0.08\\ -0.07\\ -0.05\\ -0.08\\ -0.07\\ -0.05\\ -0.08\\ -0.07\\ -0.05\\ -0.08\\ -0.08\\ -0.07\\ -0.05\\ -0.08\\ -0.07\\ -0.05\\ -0.08\\ -0.07\\ -0.05\\ -0.08\\ -0.08\\ $ | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.62 0.58 0.19 3.68 3.51 3.23 0.75 0.87 1.50 0.887 1.50 0.887 1.50 0.887 1.50 0.887 1.50 0.887 1.50 0.86 1.04 0.30 1.62 0.69 1.04 0.60 1.04 0.57 0.52 0.55 0.55 0.55 0.55 0.55 0.55 0.55 |
| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 113 116 116 117 118 119 120 121 123 124 125 125 127 128 129 130 131 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13$ | 24 59 8 15 21 28 40 48 54 3 16 22 43 54 22 43 54 22 9 15 23 30 37 46 53 46 53 42 29 9 00 7 13 22 29 00 7 13 28 8 8 15 15 15 15 15 15 15 15 15 15 | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.35 0.31 0.33 0.34 0.35 0.31 0.32 0.33 0.30 0.47 0.51 0.31 0.32 0.32 0.22 0.22 0.22 0.22 0.22 0.24 0.10 0.36 0.25 0.23 0.20 0.36 0.13 0.16 0.17 0.19 0.21 | $\begin{array}{c} 0.84\\ 0.32\\ 0.32\\ 0.51\\ 0.39\\ 0.31\\ 0.33\\ 0.52\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.44\\ 0.42\\ 0.48\\ 0.73\\ 0.44\\ 0.71\\ 0.75\\ 0.44\\ 0.71\\ 0.75\\ 0.45\\ 0.65\\ 0.75\\ 0.45\\ 0.65\\ 0.75\\ 0.64\\ 0.55\\ 0.65\\ 0.75\\ 0.64\\ 0.38\\ 0.45\\ 0.61\\ 0.38\\ 0.44\\ 0.47\\ 0.23\\ 0.61\\ 0.38\\ 0.46\\ 0.38\\ 0.46\\ 0.38\\ 0.46\\ 0.38\\ 0.46\\ 0.37\\ 0.39\\ 0.42\\$ | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.70\\ 0.80\\ 0.70\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 1.23\\ 1.51\\ 1.64\\ 1.45\\ 1.51\\ 1.64\\ 1.08\\ 1.93\\ 1.79\\ 1.74\\ 1.69\\ 1.58\\ 1.59\\$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.22\\ 2.64\\ 3.95\\ 5.22\\ 2.26\\ 1.35\\ 5.22\\ 2.26\\ 1.35\\ 5.22\\ 2.26\\ 1.35\\ 1.23\\ 1.35\\ 1.35\\ 1.23\\ 1.58\\ 1.40\\ 1.23\\ 0.76\\ 1.23\\ 1.58\\ 1.35\\$ | 0.78 2.59 1.20 1.02 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.72 3.56 3.66 1.70 1.96 2.13 1.88 1.88 1.88 1.88 1.88 1.88 1.88 1.85 1.64 0.93 2.66 1.46 1.62 1.79 1.62 1.23 1.24 1.22 1.24 1.22 1.24 1.22 1.24 1.25 1.25 1.2 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.39 1.39 1.39 1.62 3.73 2.24 2.25 3.96 3.44 3.67 1.50 1.70 0.93 3.59 1.63 0.80 1.50 1.74 1.88 1.64 1.31 1.24 | $\begin{array}{c} 2.5\\ 1.68\\ 3.30\\ 1.85\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.94\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.76\\ 3.94\\ 3.90\\ 3.92\\ 3.76\\ 3.68\\ 3.77\\ 3.81\\ 3.82\\ 3.82\\ 3.82\\ 1.48\\ 3.81\\ 2.49\\ 1.46\\ 2.92\\ 2.73\\ 2.61\\ 2.18\\ 2.49\\ 1.46\\ 2.92\\ 2.73\\ 2.61\\ 2.18\\ 2.15\\ 2.28\\ 2.65\\ 2.05\\ \end{array}$ | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | $\begin{array}{c} -0.39\\ -0.39\\ -0.06\\ 2.06\\ 0.52\\ -0.22\\ -0.46\\ 0.67\\ -0.22\\ -0.46\\ 0.67\\ -0.22\\ -0.46\\ 0.67\\ -0.7\\ -0.07\\ -0.07\\ -0.07\\ -0.07\\ -0.07\\ -0.07\\ -0.07\\ -0.08\\ -0.08\\ -0.08\\ -0.08\\ -0.07\\ -0.35\\ -0.08\\ -0.08\\ -0.07\\ -0.37\\ -0.37\\ -0.37\\ -0.56\\ -0.07\\ -0.37\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -$ | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.52 0.16 0.18 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.52 0.15 0.15 0.18 0.19 0.58 0.19 0.58 0.19 0.52 0.19 0.58 0.07 1.50 0.68 0.087 1.00 0.68 0.087 1.00 0.68 0.087 1.00 0.68 0.087 1.00 0.68 0.087 0.064 0.08 0.087 0.064 0.00 0.68 0.00 0.88 0.075 0.087 0.064 0.00 0.068 0.00 0.068 0.00 0.08 0.00 0.06 0.00 0.00 |
| 95 96 97 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 113 114 115 116 117 118 119 120 123 124 124 125 126 126 127 128 129 131 131 132 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13$ | $\begin{array}{c} 24\\ 59\\ 8\\ 15\\ 21\\ 28\\ 40\\ 48\\ 54\\ 3\\ 3\\ 16\\ 22\\ 43\\ 54\\ 2\\ 9\\ 9\\ 15\\ 23\\ 30\\ 37\\ 46\\ 53\\ 30\\ 37\\ 46\\ 53\\ 30\\ 37\\ 46\\ 53\\ 30\\ 37\\ 46\\ 53\\ 30\\ 37\\ 46\\ 53\\ 30\\ 37\\ 46\\ 53\\ 30\\ 50\\ 50\\ 54\\ 58\\ 33\\ 8\\ 8\\ 8\\ 8\\ 8\\ 17\\ 21\\ 1\\ 2^{c} \end{array}$ | 0.15 0.17 0.19 0.14 0.15 0.27 0.19 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.31 0.33 0.38 0.30 0.40 0.52 0.22 0.24 0.21 0.25 0.23 0.23 0.38 0.30 0.40 0.52 0.22 0.24 0.16 0.24 0.25 0.22 0.21 0.31 0.31 0.31 0.32 0.32 0.32 0.32 0.23 0.32 0.32 0.32 0.32 0.33 0.33 0.38 0.30 0.40 0.52 0.22 0.24 0.10 0.35 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2.64\\ 3.95\\ 5.85\\ 1.40\\ 1.23\\ 0.58\\ 2.74\\ 1.69\\ 8.38\\ 1.35\\ 1.32\\ 0.58\\ 2.74\\ 1.69\\ 8.38\\ 1.35\\ 1.32\\ 0.58\\ 0.58\\ 0.58\\ 0.58\\ 0.59\\ 0.49\\ 0.66\\ 0.49\\ 0.68\\ 0.59\\ 0.49\\ 0.88\\ 0.55\\ 1.92\\ 0.66\\ 0.49\\ 0.88\\ 0.55\\ 1.92\\ 0.66\\ 0.59\\ 0.49\\ 0.88\\ 0.55\\ 0.59\\ 0.49\\ 0.88\\ 0.55\\ 0.59\\ 0.49\\ 0.88\\ 0.55\\ 0.59\\ 0.49\\ 0.88\\ 0.55\\ 0.59\\ 0.49\\ 0.88\\ 0.55\\ 0.59\\ 0.49\\ 0.88\\ 0.55\\ 0.59\\ 0.49\\ 0.88\\ 0.55\\ 0.59\\ 0.49\\ 0.88\\ 0.55\\ 0.59\\ 0.49\\ 0.88\\ 0.55\\ 0.59\\ 0.49\\ 0.88\\ 0.55\\ 0.59\\ 0.49\\ 0.88\\ 0.55\\ 0.59\\ $ | 0.78 2.59 1.20 1.02 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.72 3.56 3.66 1.70 1.96 2.13 1.88 1.86 3.52 1.45 1.64 0.93 2.66 1.74 0.93 2.66 1.64 1.62 1.79 1.63 3.35 1.63 3.35 1.64 1.62 1.79 1.62 1.62 1.62 1.62 1.64 1.62 1.64 1.62 1.62 1.62 1.62 1.64 1.64 1.64 1.62 1.64 1.64 1.65 1.64 1.64 1.65 1.64 1.65 1.64 1.65 1.64 1.65 1.64 1.65 1.64 1.65 1.64 1.62 1.65 1.64 1.65 1.64 1.65 1.64 1.65 1.65 1.65 1.64 1.66 1.70 1.65 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| 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 111 112 113 114 115 116 117 118 119 121 121 122 123 123 124 125 126 126 126 127 128 130 131 131 131 133 133 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13$ | $\begin{array}{c} 24\\ 59\\ 8\\ 8\\ 15\\ 21\\ 28\\ 40\\ 48\\ 54\\ 3\\ 16\\ 22\\ 43\\ 54\\ 22\\ 43\\ 54\\ 22\\ 43\\ 54\\ 22\\ 29\\ 9\\ 15\\ 23\\ 30\\ 37\\ 46\\ 53\\ 46\\ 53\\ 46\\ 53\\ 42\\ 12\\ 29\\ 9\\ 00\\ 7\\ 7\\ 13\\ 22\\ 29\\ 54\\ 58\\ 8\\ 17\\ 21\\ 26\\ \end{array}$ | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.31 0.32 0.33 0.33 0.30 0.47 0.51 0.31 0.32 0.33 0.33 0.34 0.51 0.31 0.32 0.22 0.24 0.10 0.36 0.21 0.23 0.23 0.23 0.23 0.23 0.23 0.23 0.21 0.21 0.15 | 0.84 0.32 0.51 0.39 0.31 0.33 0.52 0.44 0.42 0.48 0.73 0.44 0.74 0.74 0.74 0.74 0.75 0.65 0.64 0.75 0.65 0.65 0.65 0.75 0.64 0.65 0.65 0.75 0.64 0.65 0.65 0.75 0.64 0.65 0.65 0.65 0.75 0.64 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 1.23\\ 1.51\\ 1.00\\ 1.25\\ 1.55\\ 1.46\\ 1.08\\ 1.55\\ 1.64\\ 1.08\\ 1.93\\ 1.79\\ 1.74\\ 1.69\\ 1.58\\ 1.59\\ 1.59\\ 1.84\\ 1.59\\ 1.59\\ 1.84\\ 1.84\\ 1.59\\ 1.59\\ 1.84\\ 1.59\\ 1.59\\ 1.84\\ 1.59\\ 1.59\\ 1.84\\ 1.59\\ 1.59\\ 1.84\\ 1.59\\ 1.59\\ 1.84\\ 1.59\\ 1.59\\ 1.84\\ 1.59\\ 1.84\\ 1.59\\ 1.59\\ 1.84\\ 1.59\\ 1.59\\ 1.84\\ 1.59\\ 1.59\\ 1.84\\ 1.59\\ 1.59\\ 1.84\\ 1.59\\$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.22\\ 2.64\\ 3.95\\ 5.22\\ 2.26\\ 1.35\\ 5.22\\ 2.26\\ 1.35\\ 5.22\\ 2.26\\ 1.35\\ 5.22\\ 2.26\\ 1.35\\ 1.23\\ 1.58\\ 1.40\\ 1.23\\ 0.76\\ 1.23\\ 1.58\\ 1.35\\$ | 0.78 2.59 1.20 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.72 3.56 3.66 1.70 1.96 2.13 1.88 1.86 3.52 1.45 1.64 0.93 2.66 1.46 3.73 0.75 1.31 1.62 1.79 1.63 3.35 1.08 1.44 1.62 1.22 1.16 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.39 1.39 1.39 2.24 2.25 3.96 3.44 3.67 1.50 1.70 0.93 3.59 1.63 0.80 1.50 1.74 1.88 1.64 1.88 1.64 1.31 1.24 | $\begin{array}{c} 2.5\\ 1.68\\ 3.30\\ 1.85\\ 3.30\\ 1.85\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.75\\ 3.94\\ 3.90\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.94\\ 3.90\\ 3.92\\ 3.76\\ 3.68\\ 3.77\\ 3.81\\ 3.82\\ 3.89\\ 2.19\\ 2.49\\ 1.48\\ 3.81\\ 2.49\\ 1.48\\ 3.81\\ 2.49\\ 1.46\\ 2.92\\ 2.73\\ 2.61\\ 2.18\\ 3.81\\ 2.61\\ 2.73\\ 2.61\\ 2.18\\ 3.81\\ 2.61\\ 2.73\\ 2.61\\ 2.18\\ 3.81\\ 2.61\\ 2.22\\ 2.28\\ 2.65\\ 2.29\\ \end{array}$ | 1.94 3.91 1.91 1.91 1.91 2.34 2.10 2.10 3.87 3.98 1.49 1.93 3.46 2.25 1.91 2.66 2.20 2.33 3.82 2.21 2.40 | $\begin{array}{c} -0.39\\ -0.39\\ -0.06\\ 2.06\\ 0.52\\ -0.22\\ -0.46\\ 0.67\\ -0.22\\ -0.46\\ 0.67\\ -0.22\\ -0.46\\ 0.67\\ -0.07\\ -0.07\\ -0.07\\ -0.07\\ -0.07\\ -0.07\\ -0.07\\ -0.08\\ -0.08\\ -0.07\\ -0.08\\ -0.07\\ -0.35\\ -0.08\\ -0.07\\ -0.35\\ -0.08\\ -0.07\\ -0.37\\ -0.07\\ -0.37\\ -0.37\\ -0.07\\ -0.37\\ -0.07\\ -0.58\\ -0.09\\ -0.19\\ $ | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.55 0.15 0.15 0.15 0.15 0.15 0.15 0.15 |
| 95 96 97 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 115 116 117 118 118 118 119 120 123 124 125 126 127 128 129 130 131 134 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13$ | $\begin{array}{c} 24\\ 59\\ 8\\ 8\\ 15\\ 21\\ 28\\ 40\\ 43\\ 54\\ 3\\ 6\\ 54\\ 22\\ 43\\ 54\\ 2\\ 9\\ 9\\ 15\\ 23\\ 30\\ 37\\ 46\\ 53\\ 30\\ 37\\ 46\\ 53\\ 30\\ 37\\ 46\\ 53\\ 30\\ 37\\ 7\\ 13\\ 22\\ 50\\ 54\\ 8\\ 3\\ 8\\ 8\\ 3\\ 8\\ 8\\ 17\\ 21\\ 26\\ 58\\ 32\\ 8\\ 8\\ 32\\ 8\\ 8\\ 32\\ 8\\ 8\\ 32\\ 8\\ 8\\ 32\\ 8\\ 8\\ 32\\ 8\\ 8\\ 32\\ 8\\ 8\\ 32\\ 8\\ 8\\ 8\\ 32\\ 8\\ 8\\ 8\\ 32\\ 8\\ 8\\ 8\\ 8\\ 32\\ 8\\ 8\\ 8\\ 32\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\$ | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.33 0.34 0.35 0.20 0.21 0.22 0.23 0.24 0.10 0.36 0.24 0.18 0.23 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0.88\\ 0.55\\ 0.59\\ 0.40\\ 0.88\\ 0.55\\ 0.59\\ 0.40\\ 0.40\\ 0.58\\ $ | 0.78 2.59 1.20 1.02 0.82 0.53 1.31 2.07 1.79 2.24 1.37 1.12 3.72 3.56 3.66 1.70 1.96 2.13 1.88 1.86 3.52 1.45 1.64 0.93 2.66 1.73 0.75 1.31 1.62 1.79 1.62 1.25 1.22 1.22 1.64 | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.39 1.62 3.73 2.24 2.25 3.96 3.44 2.25 3.96 3.44 3.57 1.50 1.70 0.93 3.59 1.63 0.81 1.64 3.52 1.10 1.45 1.64 1.32 1.52 1.52 1.54 1.54 1.52 1.54 1.54 1.52 1.54 1.54 1.54 1.55 1.54 1.55 1.54 1.55 1.54 1.55 1.54 1.55 1.54 1.55 1.54 1.55 1.54 1.55 1.54 1.55 1.54 1.55 1.54 1.55 1.54 1.55 1.54 1.55 1.54 1.55 1.54 1.55 1.54 1.55 1.55 1.54 1.55 1 | $\begin{array}{c} 2.5\\ 2.68\\ 3.30\\ 1.85\\ 3.30\\ 1.85\\ 3.30\\ 1.85\\ 3.30\\ 1.78\\ 1.53\\ 2.47\\ 2.08\\ 2.92\\ 2.83\\ 3.82\\ 2.00\\ 3.92\\ 3.76\\ 3.94\\ 3.92\\ 3.76\\ 3.94\\ 3.92\\ 3.76\\ 3.94\\ 3.92\\ 3.76\\ 3.94\\ 3.92\\ 3.76\\ 3.81\\ 3.82\\ 2.19\\ 2.49\\ 2.48\\ 3.81\\ 2.46\\ 3.94\\ 1.48\\ 3.81\\ 2.46\\ 3.94\\ 1.48\\ 3.81\\ 2.46\\ 1.87\\ 2.58\\ 2.15\\ 2.28\\ 2.15\\ 2.28\\ 2.15\\ 2.28\\ 2.15\\ 2.28\\ 2.05\\ 2.99\\ 1.94\\ 1.94\\ 1.94\\ 1.94\\ 1.94\\ 1.94\\ 1.94\\ 1.95\\ $ | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 3.87 3.98 1.49 1.93 1.94 1.93 1.93 1.93 1.94 1.94 1.93 1.93 1.93 1.94 1.94 1.94 1.93 1.94 1.93 1.94 1.93 1.94 1.94 1.93 1.94 1.94 1.94 1.94 1.93 1.94 | $\begin{array}{c} -0.39\\ -0.39\\ -0.06\\ 2.06\\ 0.52\\ 0.15\\ -0.22\\ -0.46\\ 0.67\\ 0.69\\ 1.10\\ 1.45\\ 0.57\\ 0.07\\ 3.51\\ 1.73\\ 3.18\\ 0.57\\ 0.07\\ 3.51\\ 1.73\\ 3.18\\ 0.74\\ 1.05\\ 0.68\\ 0.82\\ 1.00\\ 1.03\\ 0.55\\ 3.53\\ -0.08\\ 1.02\\ 0.30\\ 1.03\\ 0.55\\ 3.53\\ -0.07\\ 0.73\\ 0.61\\ 1.03\\ 2.67\\ 0.37\\ 0.56\\ 1.01\\ 0.58\\ 0.39\\ 0.19\\ 0.61\end{array}$ | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.71 1.3.23 0.75 0.85 0.83 0.75 1.50 0.86 1.03 2.69 1.04 1.04 0.30 1.62 0.68 1.04 0.30 1.62 0.68 0.77 0.86 1.04 0.30 1.62 0.68 0.77 0.86 1.04 0.30 1.62 0.68 0.75 0.86 0.75 0.86 0.75 0.86 0.75 0.86 0.75 0.86 0.75 0.85 0.75 0.85 0.75 0.85 0.75 0.85 0.75 0.85 0.75 0.85 0.75 0.85 0.75 0.85 0.75 0.85 0.75 0.85 0.75 0.85 0.85 0.75 0.85 0.85 0.85 0.85 0.85 0.85 0.85 0.8 |
| 95 96 97 97 98 99 100 101 102 103 106 107 108 109 110 111 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 131 133 134 | 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/15/2013 5/16/2013 | $\begin{array}{c} 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 13\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | $\begin{array}{c} 24\\ 59\\ 8\\ 8\\ 15\\ 21\\ 28\\ 40\\ 48\\ 54\\ 3\\ 16\\ 22\\ 43\\ 54\\ 22\\ 9\\ 9\\ 15\\ 23\\ 30\\ 37\\ 46\\ 53\\ 4\\ 12\\ 19\\ 29\\ 39\\ 0\\ 7\\ 7\\ 13\\ 22\\ 29\\ 50\\ 54\\ 58\\ 3\\ 8\\ 17\\ 21\\ 26\\ 32\\ 37\\ 37\\ 46\\ 53\\ 3\\ 8\\ 17\\ 21\\ 26\\ 32\\ 37\\ 37\\ 37\\ 37\\ 38\\ 8\\ 38\\ 38\\ 38\\ 38\\ 38\\ 38\\ 38\\ 38\\$ | 0.15 0.27 0.19 0.14 0.15 0.28 0.22 0.21 0.25 0.49 0.20 0.35 0.50 0.47 0.51 0.33 0.38 0.30 0.47 0.51 0.31 0.32 0.22 0.24 0.10 0.36 0.21 0.22 0.24 0.10 0.36 0.25 0.23 0.25 0.23 0.25 0.23 0.25 0.23 0.25 0.23 0.25 0.23 0.25 0.23 0.21 0.21 0.21 0.21 0.14 | 0.84 0.32 0.51 0.39 0.31 0.33 0.52 0.44 0.42 0.44 0.42 0.44 0.73 0.44 0.73 0.44 0.73 0.44 0.73 0.44 0.73 0.44 0.74 0.75 0.55 0.45 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.47 0.47 0.65 0.65 0.47 0.47 0.65 0.44 0.47 0.45 0.65 0.44 0.47 0.45 0.65 0.44 0.47 0.45 0.47 0.45 0.44 0.45 0.55 0.45 0.45 0.45 0.45 | $\begin{array}{c} 1.86\\ 1.36\\ 1.67\\ 1.89\\ 1.84\\ 1.31\\ 1.55\\ 1.61\\ 1.43\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.11\\ 0.75\\ 1.62\\ 1.23\\ 1.51\\ 1.01\\ 1.25\\ 0.97\\ 0.68\\ 1.55\\ 1.46\\ 2.12\\ 1.06\\ 1.47\\ 0.39\\ 1.70\\ 1.49\\ 1.45\\ 1.51\\ 1.64\\ 1.08\\ 1.93\\ 1.79\\ 1.74\\ 1.69\\ 1.58\\ 1.59\\ 1.59\\ 1.84\\ 1.91\\ 1.90\\ 1.84\\ 1.91\\ 1.91\\ 1.90\\ 1.84\\ 1.91\\ 1.91\\ 1.90\\ 1.84\\ 1.91\\ 1.91\\ 1.90\\ 1.84\\ 1.91\\ 1.90\\ 1.84\\ 1.91\\ 1.90\\$ | $\begin{array}{c} 1.17\\ 1.21\\ 0.69\\ 0.76\\ 0.92\\ 1.32\\ 0.89\\ 0.73\\ 1.24\\ 4.29\\ 0.61\\ 4.41\\ 5.68\\ 5.53\\ 5.22\\ 2.64\\ 3.95\\ 5.22\\ 2.64\\ 3.95\\ 5.22\\ 2.26\\ 1.35\\ 1.23\\ 1.35\\$ | $\begin{array}{c} 0.78\\ 2.59\\ 1.20\\ 1.02\\ 0.82\\ 0.53\\ 1.31\\ 2.07\\ 1.79\\ 2.24\\ 1.37\\ 1.12\\ 3.72\\ 3.56\\ 3.56\\ 1.70\\ 1.9\\ 1.9\\ 3.72\\ 3.56\\ 3.66\\ 1.70\\ 1.9\\ 1.9\\ 3.72\\ 1.12\\ 3.72\\ 3.56\\ 3.66\\ 1.70\\ 1.9\\ 1.9\\ 3.66\\ 1.70\\ 1.9\\ 1.9\\ 1.9\\ 1.9\\ 1.9\\ 1.9\\ 1.9\\ 1.9$ | 0.83 2.65 1.22 1.04 0.85 0.81 1.34 2.12 1.39 1.62 2.24 2.25 3.96 3.44 3.67 1.50 1.70 0.93 3.59 1.63 0.80 1.50 1.74 1.88 1.64 1.88 1.64 1.31 1.24 1.47 1.47 1.47 1.42 1.18 | 2.68 1.68 3.30 1.85 1.78 1.53 2.47 2.08 2.92 2.83 3.82 2.00 3.75 3.94 3.90 3.92 3.94 3.90 3.92 3.94 3.90 3.92 3.76 3.68 3.77 3.81 3.82 3.82 2.09 3.76 3.68 3.77 3.81 3.82 2.49 1.46 2.92 2.49 1.46 2.92 2.49 1.46 2.92 2.49 1.46 2.92 2.49 1.46 2.92 2.49 1.46 2.92 2.49 1.46 2.92 2.49 1.46 2.92 2.49 1.46 2.92 2.55 2.19 2.49 1.46 2.92 2.75 2.61 2.18 3.82 2.65 2.29 1.94 3.94 3.94 3.81 2.61 2.18 3.82 2.65 2.29 1.94 3.94 3.94 3.81 3.82 2.61 2.18 3.82 2.19 2.19 2.49 1.46 2.92 2.75 3.81 3.81 3.81 3.81 3.81 3.81 3.81 3.81 3.81 3.81 3.81 3.81 3.81 3.82 2.19 2.49 3.81 3.81 3.81 3.82 2.19 2.49 3.81 3.81 3.82 2.19 2.49 3.81 3.81 3.81 3.82 2.19 2.49 2.55 2.29 1.94 3.94 3.94 3.95 3 | 1.94 3.91 1.91 1.91 1.84 2.34 3.08 2.10 | $\begin{array}{c} -0.39\\ -0.39\\ -0.06\\ 2.06\\ 0.52\\ -0.22\\ -0.46\\ 0.67\\ -0.22\\ -0.46\\ 0.67\\ -0.22\\ -0.46\\ 0.67\\ -0.22\\ -0.46\\ -0.67\\ -0.57\\ -0.07\\ -0.57\\ -0.07\\ -0.57\\ -0.07\\ -0.3.51\\ -1.03\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.55\\ -0.08\\ -0.07\\ -0.73\\ -0.08\\ -0.07\\ -0.55\\ -0.08\\ -0.07\\ -0.55\\ -0.08\\ -0.07\\ -0.55\\ -0.08\\ -0.07\\ -0.55\\ -0.08\\ -0.07\\ -0.55\\ -0.08\\ -0.07\\ -0.55\\ -0.08\\ -0.07\\ -0.55\\ -0.08\\ -0.07\\ -0.55\\ -0.08\\ -0.07\\ -0.55\\ -0.08\\ -0.07\\ -0.55\\ -0.08\\ -0.07\\ -0.55\\ -0.08\\ -0.07\\ -0.55\\ -0.08\\ -0.07\\ -0.55\\ -0.08\\ -0.07\\ -0.56\\ -0.07\\ -0.56\\ -0.07\\ -0.56\\ -0.07\\ -0.58\\ -0.07\\ -0.58\\ -0.07\\ -0.58\\ -0.07\\ -0.58\\ -0.07\\ -0.58\\ -0.07\\ -0.58\\ -0.07\\ -0.58\\ -0.07\\ -0.58\\ -0.07\\ -0.58\\ -0.07\\ -0.58\\ -0.07\\ -0.58\\ -0.07\\ -0.58\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08\\ -0.07\\ -0.58\\ -0.08$ | 0.43 -0.03 2.07 0.52 0.16 -0.18 -0.39 0.68 0.71 1.12 1.69 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.58 0.19 0.55 0.87 1.50 0.87 1.50 0.87 1.50 0.87 1.50 0.87 1.04 1.04 0.02 0.062 0.52 0.52 0.15 0.18 0.05 0.52 0.18 0.19 0.52 0.18 0.19 0.58 0.19 0.58 0.19 0.55 0.87 1.50 0.87 1.50 0.87 1.50 0.87 1.50 0.87 1.50 0.88 1.04 0.07 1.04 0.07 1.04 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0 |

| 126 | 11/4/2012 | 0 | 7 | 0.((| 0.95 | 0.42 | 0.07 | 2.72 | | 2.04 | | 2.52 | 4.20 |
|---------------------------------|--|---------------------------|--------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|------------------------------|------------------------------|--------------------------------------|----------------------|--------------------------------------|----------------------|
| 136 | 11/4/2013 | 8 | / | 0.66 | 0.85 | 0.42 | 8.86 | 5.73 | | 3.94 | | 3.53 | 4.20 |
| 137 | 11/4/2013 | 8 | 26 | 0.16 | 0.35 | 1.78 | 0.89 | 0.75 | 0.83 | 3.23 | 3.89 | -0.27 | -0.22 |
| 138 | 11/4/2013 | 8 | 35 | 0.38 | 0.63 | 1.02 | 4 10 | 2 39 | 2.83 | 3 29 | | 1 46 | 1 59 |
| 130 | 11/1/2013 | 0 | 10 | 0.30 | 0.00 | 1.02 | 1.00 | 2.57 | 2.05 | 3.00 | | 1.10 | 1.59 |
| 139 | 11/4/2013 | 8 | 42 | 0.28 | 0.52 | 1.32 | 1.89 | 2.16 | 2.31 | 2.90 | | 1.56 | 1.58 |
| 140 | 11/4/2013 | 8 | 49 | 0.30 | 0.54 | 1.27 | 1.87 | 2.43 | 2.54 | 3.13 | | 1.52 | 1.55 |
| 141 | 11/4/2013 | 8 | 53 | 0.30 | 0.55 | 1.25 | 1.18 | 2.04 | 2.14 | 3.09 | 3 78 | 1.16 | 1 19 |
| 141 | 11/4/2013 | 0 | 55 | 0.30 | 0.55 | 1.23 | 1.18 | 2.04 | 2.14 | 3.09 | 3.78 | 1.10 | 1.19 |
| 142 | 11/4/2013 | 9 | 3 | 0.22 | 0.44 | 1.53 | 0.74 | 1.65 | 1.68 | 2.38 | 2.45 | 0.88 | 0.90 |
| 143 | 11/4/2013 | 9 | 8 | 0.38 | 0.63 | 1.00 | 4.42 | 1.91 | 3.51 | 3.63 | | 1.07 | 1.24 |
| 144 | 11/4/2012 | 0 | 10 | 0.25 | 0.49 | 1.42 | 1.77 | 0.97 | 0.07 | 2.10 | | 0.07 | 0.12 |
| 144 | 11/4/2013 | 9 | 12 | 0.25 | 0.48 | 1.43 | 1.0/ | 0.87 | 0.97 | 2.19 | | 0.07 | 0.12 |
| 145 | 11/4/2013 | 9 | 18 | 0.22 | 0.44 | 1.54 | 0.75 | 1.06 | 1.08 | 1.60 | 1.75 | 0.49 | 0.50 |
| 146 | 11/4/2013 | 9 | 26 | 0.10 | 0.23 | 2.10 | 1.06 | 0.53 | 0.58 | 1 79 | 2.84 | -0.29 | -0.28 |
| 140 | 11/4/2015 | | 20 | 0.10 | 0.25 | 2.10 | 1.00 | 0.55 | 0.50 | 1.77 | 2.04 | -0.27 | -0.20 |
| 147 | 11/4/2013 | 9 | 31 | 0.55 | 0.77 | 0.62 | 6.43 | 3.69 | | 3.93 | | 3.38 | 3.58 |
| 148 | 11/4/2013 | 9 | 39 | 0.52 | 0.75 | 0.68 | 6.63 | 3 70 | | 3 93 | | 3 4 3 | 3 65 |
| 1 10 | 11/1/2013 | <i>.</i> | 57 | 0.52 | 0.75 | 0.00 | 0.05 | 5.70 | 1.52 | 0.70 | | 0.00 | 0.00 |
| 149 | 11/4/2013 | 9 | 58 | 0.26 | 0.50 | 1.38 | 2.42 | 1.10 | 1.75 | 5.72 | | 0.20 | 0.33 |
| 150 | 11/4/2013 | 10 | 5 | 0.23 | 0.46 | 1.50 | 2.15 | 1.12 | 1.32 | 3.21 | | 0.32 | 0.41 |
| 151 | 11/4/2012 | 10 | 12 | 0.24 | 0.47 | 1.45 | 1 20 | 1.61 | 1.68 | 2.44 | 2.04 | 0.81 | 0.87 |
| 151 | 11/4/2013 | 10 | 15 | 0.24 | 0.47 | 1.45 | 1.57 | 1.01 | 1.00 | 2.44 | 5.74 | 0.01 | 0.07 |
| 152 | 11/4/2013 | 10 | 18 | 0.23 | 0.45 | 1.50 | 1.17 | 1.59 | 1.62 | 2.39 | 2.71 | 0.90 | 0.92 |
| 153 | 11/4/2013 | 10 | 27 | 0.28 | 0.52 | 1.31 | 1.41 | 2.57 | 2.66 | 3.24 | | 2.02 | 2.04 |
| 154 | 11/4/2012 | 10 | 22 | 0.27 | 0.50 | 1.26 | 2.04 | 1.72 | 2.12 | 2.62 | | 0.92 | 0.00 |
| 134 | 11/4/2015 | 10 | 32 | 0.27 | 0.50 | 1.30 | 2.04 | 1.72 | 2.15 | 5.05 | | 0.82 | 0.99 |
| 155 | 11/4/2013 | 10 | 37 | 0.23 | 0.45 | 1.51 | 1.23 | 1.27 | 1.53 | 3.54 | | -0.23 | -0.04 |
| 156 | 11/4/2013 | 10 | 42 | 0.30 | 0.54 | 1.26 | 2.12 | 0.97 | 1 74 | 3 72 | | 0.10 | 0.24 |
| 157 | 11/4/2012 | 10 | | 0.27 | 0.(2 | 1.03 | 2.70 | 2.40 | 2.05 | 2.00 | | 1.47 | 2.55 |
| 157 | 11/4/2013 | 10 | 40 | 0.37 | 0.03 | 1.03 | 2.19 | 3.40 | 3.95 | 3.88 | | 1.4/ | 2.55 |
| 158 | 11/4/2013 | 10 | 51 | 0.41 | 0.66 | 0.94 | 3.10 | 2.88 | 3.95 | 3.85 | | 1.30 | 1.72 |
| 159 | 11/4/2013 | 10 | 59 | 0.37 | 0.62 | 1.06 | 3 25 | 3 64 | 1 | 3.92 | | 3.12 | 3 51 |
| 107 | 11/1/2013 | | | 0.57 | 0.02 | 1.00 | 0.00 | 0.01 | 1.00 | 0.72 | | 5.12 | 5.51 |
| 160 | 11/4/2013 | 11 | 8 | 0.28 | 0.52 | 1.32 | 2.27 | 0.63 | 1.22 | 3.62 | | | |
| 161 | 11/4/2013 | 11 | 13 | 0.25 | 0.48 | 1.42 | 1.75 | 1.12 | 1.33 | 3.31 | | 0.37 | 0.50 |
| 162 | 11/4/2012 | 11 | 22 | 0.30 | 0.55 | 1.24 | 2.07 | 1 49 | 1 78 | 2 46 | | 0.76 | 0.89 |
| 102 | 11/4/2013 | 11 | 22 | 0.50 | 0.55 | 1.24 | 2.07 | 1.40 | 1.70 | 2.40 | 0.01 | 0.70 | 0.00 |
| 163 | 11/4/2013 | 11 | - 30 | 0.18 | 0.37 | 1.73 | 1.17 | 1.28 | 1.66 | 3.49 | 3.91 | | I |
| 164 | 11/4/2013 | 12 | 22 | 0.22 | 0.44 | 1.54 | 1.24 | 1.68 | 1.79 | 3.45 | | 1.08 | 1.11 |
| 145 | 11/4/2012 | 10 | 77 | 0.20 | 0.45 | 0.00 | 176 | 2.40 | | 2.90 | 1 | 1 / 0 | 2.02 |
| 105 | 11/4/2013 | 12 | 21 | 0.39 | 0.05 | 0.98 | 4.70 | 3.48 | | 5.07 | | 1.40 | 2.93 |
| 166 | 11/4/2013 | 12 | 32 | 0.26 | 0.50 | 1.38 | 1.38 | 1.70 | 2.00 | 3.76 | l | 0.88 | 1.00 |
| 167 | 11/4/2013 | 12 | 40 | 0.20 | 0.41 | 1.63 | 1.30 | 1.75 | 1.88 | 3.74 | 1 | 0.79 | 0.86 |
| 120 | 11/4/2012 | 10 | 50 | 0.20 | 0.40 | 1 6 4 | 1 1 1 | 1 0 4 | 2.02 | 2.62 | 1 | 0.22 | 0.19 |
| 108 | 11/4/2013 | 12 | 32 | 0.20 | 0.40 | 1.04 | 1.11 | 1.84 | 2.02 | 5.05 | | -0.33 | -0.18 |
| 169 | 11/4/2013 | 13 | 1 | 0.23 | 0.45 | 1.51 | 1.51 | 2.07 | 2.30 | 3.60 | 1 | 0.69 | 0.87 |
| 170 | 11/4/2012 | 13 | 7 | 0.22 | 0.44 | 1 54 | 1 31 | 1 70 | 1 8 1 | 3.68 | | 0.62 | 0.68 |
| 170 | 11/4/2012 | 10 | 10 | 0.22 | 0.44 | 1.04 | 2.10 | 1.70 | 1.01 | 2.56 | 1 | 0.02 | 0.00 |
| 171 | 11/4/2013 | 13 | 15 | 0.27 | 0.50 | 1.37 | 2.10 | 1.88 | 2.57 | 5.74 | | 0.76 | 0.87 |
| 172 | 11/4/2013 | 13 | 21 | 0.35 | 0.60 | 1.11 | 2.85 | 3.30 | 3.73 | 3.87 | | 1.28 | 1.62 |
| 173 | 11/4/2012 | 13 | 26 | 0.32 | 0.58 | 1.15 | 1 94 | 1.81 | 2.12 | 3 67 | | 0.86 | 1.02 |
| 175 | 11/4/2015 | 15 | 20 | 0.55 | 0.50 | 1.15 | 1.74 | 1.01 | 2.12 | 5.07 | | 0.00 | 1.05 |
| 174 | 11/4/2013 | 13 | 31 | 0.39 | 0.64 | 0.99 | 2.89 | 3.38 | 3.63 | 3.87 | | 1.93 | 2.11 |
| 175 | 11/4/2013 | 13 | 37 | 0.33 | 0.58 | 1.17 | 2.10 | 3.08 | 3.52 | 3.84 | | 1.70 | 1.79 |
| 176 | 11/4/2013 | 13 | 44 | 0.56 | 0.78 | 0.61 | 5.43 | 3.69 | | 3 93 | | 3.28 | 3.68 |
| 170 | 11/4/2015 | 15 | 44 | 0.50 | 0.70 | 0.01 | 5.45 | 5.07 | | 5.75 | | 5.20 | 5.00 |
| 177 | 11/4/2013 | 13 | 51 | 0.43 | 0.68 | 0.87 | 4.65 | 3.24 | | 3.88 | | 1.06 | 1.73 |
| 178 | 11/4/2013 | 14 | 0 | 0.24 | 0.46 | 1.49 | 1.11 | 1.67 | 1.74 | 2.61 | 3.92 | 0.89 | 0.96 |
| 170 | 11/4/2012 | 14 | 4 | 0.24 | 0.46 | 1.48 | 0.82 | 1.07 | 2.26 | 2 74 | | 1.1.2 | 1.19 |
| 179 | 11/4/2013 | 14 | 4 | 0.24 | 0.40 | 1.48 | 0.82 | 1.37 | 2.20 | 3.74 | | 1.15 | 1.18 |
| 180 | 11/4/2013 | 14 | 8 | 0.24 | 0.47 | 1.46 | 1.55 | 1.74 | 1.95 | 3.48 | | 0.42 | 0.54 |
| 181 | 11/4/2013 | 14 | 20 | 0.50 | 0.74 | 0.72 | 3 86 | 3 53 | | 3 90 | | 1.12 | 1.98 |
| 102 | 11/4/2012 | 1.4 | 24 | 0.20 | 0.41 | 1.(2 | 1.17 | 0.00 | 1.02 | 2.51 | 2.60 | 0.00 | 0.00 |
| 182 | 11/4/2013 | 14 | 24 | 0.20 | 0.41 | 1.02 | 1.17 | 0.96 | 1.03 | 2.51 | 3.00 | 0.06 | 0.08 |
| 183 | 11/4/2013 | 14 | 33 | 0.31 | 0.55 | 1.23 | 1.49 | 2.02 | 2.17 | 3.22 | | 1.11 | 1.18 |
| 184 | 11/4/2013 | 14 | 30 | 0.30 | 0.55 | 1.25 | 2 49 | 2.19 | 2 44 | 3.62 | | 1.26 | 1 38 |
| 104 | 11/4/2013 | 14 | 39 | 0.30 | 0.55 | 1.25 | 2.49 | 2.13 | 2.44 | 5.02 | | 1.20 | 1.58 |
| 185 | 11/4/2013 | 14 | 42 | 0.22 | 0.44 | 1.55 | 0.92 | 1.44 | 1.46 | 2.38 | 2.53 | 0.55 | 0.56 |
| 186 | 11/4/2013 | 15 | 28 | 0.20 | 0.41 | 1.63 | 0.49 | 1.47 | 1.49 | 2.07 | 2.17 | 0.67 | 0.67 |
| 197 | 11/4/2012 | 15 | 22 | 0.27 | 0.51 | 1.25 | 2.41 | 1.11 | 1.20 | 2.27 | | 0.10 | 0.26 |
| 10/ | 11/4/2015 | 15 | 32 | 0.27 | 0.51 | 1.33 | 2.41 | 1.11 | 1.29 | 3.27 | | 0.19 | 0.20 |
| 188 | 11/4/2013 | 15 | 37 | 0.30 | 0.54 | 1.26 | 1.87 | 1.65 | 1.87 | 3.52 | | 0.67 | 0.78 |
| 189 | 11/4/2013 | 15 | 41 | 0.21 | 0.42 | 1.60 | 0.99 | 1.12 | 1.22 | 2.28 | 2.64 | -0.33 | -0.30 |
| 100 | 11/4/2012 | 10 | 47 | 0.20 | 0.41 | 1.(2 | 0.67 | 1.10 | 1.12 | 1.00 | 2.01 | 0.14 | 0.15 |
| 190 | 11/4/2013 | 15 | 4/ | 0.20 | 0.41 | 1.02 | 0.67 | 1.10 | 1.15 | 1.90 | 2.01 | 0.14 | 0.15 |
| 191 | 11/4/2013 | 15 | 54 | 0.37 | 0.62 | 1.06 | 2.39 | 2.61 | 3.43 | 3.80 | L | 1.61 | 1.74 |
| 192 | 11/8/2013 | 14 | 6 | 0.26 | 0.50 | 1 38 | 0.98 | 1 30 | 1 49 | 2.88 | | 0.67 | 0.70 |
| 172 | 11/0/2013 | 1.4 | 10 | 0.20 | 0.50 | 1.58 | 0.70 | 1.39 | 1.47 | 1.07 | 2.04 | 0.07 | 0.70 |
| 193 | 11/8/2013 | 14 | 15 | 0.20 | 0.41 | 1.64 | 0.59 | 1.14 | 1.16 | 1.97 | 2.04 | 0.13 | 0.14 |
| 194 | 11/8/2013 | 14 | 29 | 0.17 | 0.37 | 1.74 | 0.65 | 1.17 | 1.20 | 2.37 | 2.53 | 1 | |
| 105 | 11/8/2012 | 1.4 | 2.4 | 0.17 | 0.27 | 1.74 | 0.62 | 1 2 2 | 1 2 2 | 1 07 | 1 00 | 0.59 | 0.50 |
| 195 | 11/0/2013 | 14 | 34 | 0.17 | 0.57 | 1./4 | 0.02 | 1.52 | 1.33 | 1.97 | 1.99 | 0.50 | 0.59 |
| 196 | 11/8/2013 | 14 | 37 | 0.11 | 0.25 | 2.07 | 0.61 | 1.24 | 1.25 | 1.91 | 1.96 | 0.63 | 0.63 |
| 197 | 11/8/2013 | 14 | 51 | 0.27 | 0.50 | 1.38 | 1.39 | 1.85 | 1.94 | 3.04 | | 1.19 | 1.23 |
| 100 | 11/8/2012 | 1.4 | 57 | 0.10 | 0.20 | 1 71 | 0.00 | 1.60 | 1 65 | 2 27 | 2.45 | 1.00 | 1.02 |
| 198 | 11/8/2013 | 14 | 37 | 0.18 | 0.38 | 1./1 | 0.80 | 1.02 | 1.00 | 2.31 | 2.43 | 1.02 | 1.02 |
| 199 | 11/8/2013 | 15 | 6 | 0.16 | 0.35 | 1.80 | 0.68 | 0.85 | 0.86 | 1.53 | 1.62 | 0.02 | 0.03 |
| 200 | 11/8/2013 | 15 | 12 | 0.20 | 0.41 | 1.62 | 0.85 | 1.20 | 1.22 | 1 98 | 2.10 | 0.45 | 0.46 |
| 201 | 11/8/2012 | 15 | 19 | 0.21 | 0.42 | 1.60 | 0.06 | 1.04 | 1.10 | 1 77 | 1 05 | 0.40 | 0.50 |
| 201 | 11/0/2013 | 15 | 10 | 0.21 | 0.42 | 1.00 | 0.90 | 1.00 | 1.10 | 1.// | 1.95 | 0.49 | 0.50 |
| 202 | 11/8/2013 | 15 | 33 | 0.22 | 0.44 | 1.55 | 0.79 | 1.84 | 1.86 | 2.62 | 2.75 | 1.18 | 1.19 |
| 203 | 11/8/2013 | 15 | 40 | 0.21 | 0.43 | 1.57 | 0.93 | 1.60 | 1.62 | 2 36 | 2.42 | 0 70 | 0.71 |
| 203 | 11/0/2012 | 1.5 | 10 | 0.22 | 0.47 | 1.07 | 1 40 | 1.00 | 1.02 | 2.20 | 2.12 | 0.44 | 0.40 |
| 204 | 11/8/2013 | 15 | 46 | 0.23 | 0.46 | 1.49 | 1.49 | 1.27 | 1.54 | 2.55 | 2.8/ | 0.44 | 0.48 |
| 205 | 11/8/2013 | 15 | 51 | 0.23 | 0.45 | 1.52 | 0.96 | 1.28 | 1.32 | 2.18 | 2.36 | 0.56 | 0.57 |
| 206 | 11/8/2012 | 16 | Δ | 0.51 | 0.74 | 0.71 | 5.85 | 3.64 | | 3 02 | 1 | 3 1 2 | 3 4 8 |
| 200 | 11/0/2013 | 10 | | 0.51 | 0.74 | 0.71 | 5.05 | 5.04 | | 0.74 | 0.50 | 0.02 | 0.00 |
| 207 | 11/8/2013 | 16 | 13 | 0.27 | 0.51 | 1.35 | 4.02 | 1.61 | 1.66 | 2.18 | 2.79 | 0.92 | 0.98 |
| 208 | 11/8/2013 | 16 | 19 | 0.39 | 0.64 | 0.99 | 4.76 | 1.95 | 2.12 | 2.86 | 1 | 1.12 | 1.18 |
| 209 | 11/8/2013 | 16 | 25 | 0.20 | 0.41 | 1.62 | 1 21 | 1.16 | 1 10 | 1 80 | 2.15 | 0.53 | 0.54 |
| 209 | 11/0/2013 | 10 | 22 | 0.20 | 0.41 | 1.02 | 1.21 | 1.10 | 1.17 | 1.07 | 2.13 | 0.55 | 0.34 |
| 210 | 11/9/2013 | 7 | 51 | 0.21 | 0.42 | 1.59 | 1.31 | 1.08 | 1.12 | 1.99 | 2.34 | 0.10 | 0.12 |
| 211 | 11/9/2013 | 7 | 58 | 0.42 | 0.67 | 0.92 | 3.63 | 2.82 | 3.41 | 3.72 | | 1.52 | 1.87 |
| 212 | 11/9/2013 | 8 | 19 | 0.21 | 0.42 | 1.58 | 0.57 | 1.51 | 1.52 | 2.06 | 2.13 | 0.84 | 0.85 |
| 212 | 11/0/2013 | 0 | 17 | 0.21 | 0.42 | 1.30 | 0.57 | 1.51 | 1.52 | 2.00 | 2.13 | 1.00 | 0.00 |
| 213 | 11/9/2013 | 8 | 27 | 0.20 | 0.41 | 1.62 | 0.60 | 1.47 | 1.48 | 1.99 | 2.04 | 1.00 | 1.00 |
| 214 | 11/9/2013 | 8 | 34 | 0.26 | 0.49 | 1.40 | 1.54 | 1.36 | 1.52 | 2.52 | L | 0.31 | 0.44 |
| 215 | 11/9/2013 | 8 | 43 | 0.31 | 0.55 | 1 23 | 2 29 | 2 41 | 2.58 | 3.09 | | 1 33 | 1 44 |
| 213 | 11/0/2013 | 0 | -+5 | 0.51 | 0.55 | 1.4.3 | 2.27 | 2.41 | 2.30 | 0.07 | 0.00 | 1.00 | 1.99 |
| 216 | 11/9/2013 | 8 | 48 | 0.20 | 0.41 | 1.63 | 0.66 | 1.68 | 1.69 | 2.33 | 2.38 | 1.02 | 1.02 |
| 217 | 11/9/2013 | 8 | 54 | 0.20 | 0.42 | 1.61 | 0.71 | 1.31 | 1.33 | 2.12 | 2.28 | 0.51 | 0.51 |
| 218 | 11/0/2012 | 8 | 50 | 0.22 | 0.45 | 1.52 | 1 57 | 0.00 | 1.17 | 3.02 | | -0.37 | _0.28 |
| 210 | 11/9/2013 | 0 | 39 | 0.23 | 0.45 | 1.32 | 1.37 | 0.99 | 1.17 | 5.02 | | -0.57 | -0.20 |
| 219 | 11/9/2013 | 9 | 6 | 0.11 | 0.26 | 2.04 | 0.57 | 0.76 | 0.77 | 1.58 | 1.64 | -0.15 | -0.14 |
| 220 | 11/9/2013 | 9 | 15 | 0.23 | 0.45 | 1.51 | 0.84 | 1.12 | 1.14 | 1.75 | 1.87 | 0.56 | 0.57 |
| 221 | 11/0/2012 | 0 | 25 | 0.14 | 0.21 | 1 80 | 0.92 | 0.07 | 0.00 | 1 / 9 | 1.56 | 0.22 | 0.22 |
| 221 | 11/9/2013 | 7 | 23 | 0.14 | 0.51 | 1.09 | 0.65 | 0.97 | 0.99 | 1.40 | 1.50 | 0.22 | 0.23 |
| 222 | 11/9/2013 | 9 | - 30 | 0.22 | 0.44 | 1.53 | 0.91 | 1.16 | 1.17 | 1.76 | 1.84 | 0.48 | 0.50 |
| 223 | 11/9/2013 | 9 | 34 | 0.23 | 0.45 | 1.51 | 0.85 | 1.71 | 1.73 | 2.33 | 2.45 | 1.03 | 1.05 |
| 224 | 11/0/2013 | 0 | 37 | 0.47 | 0.71 | 0.80 | 4 38 | 2 50 | 3.67 | 3 75 | | 1.12 | 1 31 |
| 224 | A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | " | ا و | 0.47 | 0.71 | 0.60 | 4.30 | 2.50 | 5.07 | 5.15 | I | 1.12 | 1.31 |
| ~ ~ ~ | 11/9/2013 | ~ | | 0.41 | | 0.71 | 4 0 7 | . 2.20 | | | | A 10 | 2 70 |
| 225 | 11/9/2013 | 9 | 51 | 0.51 | 0.74 | 0.71 | 4.8/ | 3.29 | | 3.86 | | 2.49 | 2.19 |
| 225 226 | 11/9/2013 11/9/2013 11/9/2013 | 9 10 | 51 0 | 0.51 0.35 | 0.74 0.60 | 1.09 | 2.08 | 1.93 | 2.19 | 2.73 | | 2.49 | 1.52 |
| 225 226 227 | 11/9/2013 11/9/2013 11/9/2013 | 9 10 | 51 0 | 0.51 0.35 0.19 | 0.74 0.60 0.39 | 0./1 1.09 1.66 | 2.08 | 1.93 1.24 | 2.19 | 2.73 | 2 19 | 2.49 1.44 0.12 | 1.52 |
| 225 226 227 | 11/9/2013 11/9/2013 11/9/2013 11/9/2013 | 9 10 10 | 51 0 6 | 0.51 0.35 0.19 | 0.74 0.60 0.39 | 0.71 1.09 1.66 | 2.08 1.57 | 1.93 1.24 | 2.19 | 3.86 2.73 1.99 | 2.19 | 2.49 1.44 0.12 | 1.52 0.14 |
| 225 226 227 228 | 11/9/2013 11/9/2013 11/9/2013 11/9/2013 11/9/2013 | 9 10 10 10 | 51 0 6 13 | 0.51 0.35 0.19 0.16 | 0.74 0.60 0.39 0.34 | 0.71 1.09 1.66 1.81 | 4.87 2.08 1.57 0.73 | 1.93 1.24 0.88 | 2.19 1.28 0.92 | 3.86 2.73 1.99 1.62 | 2.19 1.79 | 2.49 1.44 0.12 0.06 | 1.52 0.14 0.07 |
| 225 226 227 228 229 | 11/9/2013 11/9/2013 11/9/2013 11/9/2013 11/9/2013 11/9/2013 | 9 10 10 10 10 | 51 0 6 13 18 | 0.51 0.35 0.19 0.16 0.19 | 0.74 0.60 0.39 0.34 0.40 | 0.71 1.09 1.66 1.81 1.66 | 4.87 2.08 1.57 0.73 0.82 | 1.93 1.24 0.88 0.88 | 2.19 1.28 0.92 0.93 | 3.86 2.73 1.99 1.62 1.82 | 2.19 1.79 2.66 | 2.49 1.44 0.12 0.06 0.10 | 0.14 0.12 |

| 230 | 11/0/00/00 | 4.0 | | 0.4.5 | 0.00 | 1.0.5 | 0.50 | | | 1.50 | 4.00 | 0.44 | 0.55 |
|---|--|--|--|---|--|--|---|---|---|--|---|---|---|
| | 11/9/2013 | 10 | 24 | 0.15 | 0.33 | 1.85 | 0.70 | 1.15 | 1.16 | 1.73 | 1.80 | 0.55 | 0.55 |
| 231 | 11/9/2013 | 10 | 33 | 0.22 | 0.44 | 1.53 | 1.11 | 1.16 | 1.22 | 1.94 | 2.40 | 0.16 | 0.20 |
| 222 | 11/0/2012 | 10 | 20 | 0.24 | 0.46 | 1.49 | 1 2 2 | 1.05 | 2.00 | 2 7 2 | 2.08 | 1.42 | 1.45 |
| 232 | 11/0/2010 | 10 | 55 | 0.24 | 0.40 | 1.49 | 1.55 | 1.75 | 2.00 | 2.72 | 2.70 | 1.42 | 1.45 |
| 233 | 11/9/2013 | 10 | 43 | 0.24 | 0.47 | 1.45 | 0.63 | 1.37 | 1.38 | 1.92 | 1.95 | 0./4 | 0.75 |
| 234 | 11/9/2013 | 10 | 50 | 0.17 | 0.36 | 1.76 | 0.50 | 0.99 | 1.01 | 1.77 | 1.85 | -0.10 | -0.08 |
| 235 | 11/9/2013 | 11 | 13 | 0.23 | 0.45 | 1.52 | 0.93 | 1.27 | 1 33 | 2.14 | 2.51 | 0.51 | 0.53 |
| 200 | 11/0/2012 | 11 | 10 | 0.43 | 0.15 | 0.02 | 2.00 | 2.14 | 2.92 | 2.11 | 2.01 | 0.51 | 0.03 |
| 230 | 11/9/2013 | 11 | 16 | 0.42 | 0.67 | 0.92 | 2.00 | 5.14 | 3.82 | 3.87 | | 0.05 | 0.93 |
| 237 | 11/9/2013 | 11 | 21 | 0.26 | 0.49 | 1.40 | 0.91 | 2.15 | 2.20 | 2.93 | 3.53 | 1.13 | 1.18 |
| 238 | 11/9/2013 | 11 | 27 | 0.23 | 0.45 | 1.52 | 0.75 | 1 41 | 1 44 | 2.28 | 2.40 | 0.40 | 0.43 |
| 220 | 11/0/2012 | 11 | 21 | 0.23 | 0.10 | 1.32 | 2.02 | 1.01 | 2.14 | 2.20 | 2.10 | 1.10 | 1.20 |
| 239 | 11/9/2013 | 11 | 31 | 0.27 | 0.50 | 1.30 | 2.03 | 1.81 | 2.14 | 3.64 | | 1.12 | 1.20 |
| 240 | 11/9/2013 | 11 | 42 | 0.24 | 0.47 | 1.46 | 3.94 | 1.99 | 2.63 | 3.72 | | 1.04 | 1.11 |
| 241 | 11/9/2013 | 11 | 50 | 0.21 | 0.42 | 1.60 | 1.08 | 1.16 | 1.26 | 2.79 | | 0.50 | 0.52 |
| 242 | 11/0/2012 | 11 | 54 | 0.29 | 0.51 | 1.24 | 1.75 | 2.24 | 2.67 | 2.00 | | 1.50 | 1.72 |
| 242 | 11/9/2015 | 11 | 54 | 0.20 | 0.51 | 1.34 | 1.73 | 3.24 | 5.07 | 3.00 | | 1.39 | 1.75 |
| 243 | 11/9/2013 | 11 | 59 | 0.32 | 0.56 | 1.20 | 5.36 | 2.15 | 3.51 | 3.79 | | 1.15 | 1.31 |
| 244 | 11/9/2013 | 12 | 2 | 0.52 | 0.76 | 0.67 | 3.71 | 3.70 | | 3.93 | | 3.47 | 3.63 |
| 245 | 11/0/2012 | 12 | 14 | 0.20 | 0.64 | 0.00 | 2 25 | 2.10 | | 2 87 | | 1.52 | 1.99 |
| 245 | 11/0/2013 | 12 | 14 | 0.37 | 0.64 | 0.00 | 0.00 | 3.10 | 2.07 | 3.01 | | 1.55 | 1.00 |
| 246 | 11/9/2013 | 12 | 18 | 0.39 | 0.64 | 0.98 | 2.49 | 5.58 | 3.96 | 3.91 | | 1.50 | 2.17 |
| 247 | 11/9/2013 | 12 | 24 | 0.13 | 0.29 | 1.95 | 0.62 | 1.11 | 1.13 | 1.70 | 1.85 | 0.53 | 0.54 |
| 248 | 11/9/2013 | 12 | 30 | 0.28 | 0.52 | 1 32 | 1.62 | 1 98 | 2.81 | 3 77 | | 1 16 | 1.23 |
| 240 | 11/0/2012 | 12 | 26 | 0.27 | 0.51 | 1.25 | 1 10 | 1.91 | 1.96 | 2.00 | 2.02 | 1.10 | 1.12 |
| 249 | 11/9/2013 | 12 | 30 | 0.27 | 0.51 | 1.55 | 1.10 | 1.81 | 1.80 | 3.00 | 3.83 | 1.10 | 1.15 |
| 250 | 11/9/2013 | 12 | 55 | 0.17 | 0.36 | 1.76 | 0.65 | 1.52 | 1.55 | 2.27 | 2.37 | 0.59 | 0.60 |
| 251 | 5/13/2014 | 9 | 45 | 0.56 | 0.78 | 0.59 | 7.85 | 1.43 | | 3.79 | | | 0.66 |
| 252 | 5/13/2014 | 10 | 9 | 0.18 | 0.38 | 1.69 | 0.76 | 0.81 | 0.84 | 1.95 | 2.12 | -0.24 | -0.23 |
| 252 | 5/13/2014 | 10 | , | 0.18 | 0.38 | 1.03 | 0.70 | 0.81 | 0.84 | 1.95 | 2.12 | -0.24 | =0.23 |
| 253 | 5/13/2014 | 10 | 17 | 0.65 | 0.84 | 0.44 | 13.13 | 3.68 | | 5.93 | | 3.22 | 3.50 |
| 254 | 5/13/2014 | 10 | 32 | 0.26 | 0.49 | 1.41 | 1.92 | 2.40 | 2.71 | 3.71 | | 1.35 | 1.47 |
| 255 | 5/13/2014 | 10 | 40 | 0.18 | 0.37 | 1 73 | 0.67 | 1 41 | 1 4 3 | 2.13 | 2 21 | 0.66 | 0.67 |
| 255 | 5/12/2014 | 10 | 40 | 0.10 | 0.40 | 1.73 | 0.57 | 1.71 | 1 4 4 | 2.15 | 2.21 | 0.30 | 0.74 |
| 256 | 5/13/2014 | 10 | 48 | 0.20 | 0.40 | 1.64 | 0.56 | 1.43 | 1.44 | 2.03 | 2.12 | 0.74 | 0.74 |
| 257 | 5/13/2014 | 10 | 55 | 0.52 | 0.75 | 0.68 | 5.84 | 2.39 | | 3.71 | | 1.57 | 1.83 |
| 258 | 5/13/2014 | 11 | 7 | 0.29 | 0.54 | 1.28 | 3.01 | 2.28 | 2.45 | 3.51 | | 1.57 | 1.63 |
| 250 | 5/12/2014 | 11 | 17 | 0.27 | 0.50 | 1 27 | 1.76 | 1.22 | 1 2 9 | 3 50 | 1 | 0.25 | 0.45 |
| 239 | 5/13/2014 | 11 | 1/ | 0.27 | 0.50 | 1.3/ | 1.70 | 1.22 | 1.30 | 3.50 | l | 0.55 | 0.45 |
| 260 | 5/13/2014 | - 11 | 29 | 0.66 | 0.85 | 0.42 | 10.29 | 3.73 | | 3.94 | | 3.53 | L |
| 261 | 5/13/2014 | 11 | 40 | 0.63 | 0.83 | 0.46 | 8.91 | 3.73 | | 3.94 | L | 3.53 | 3.92 |
| 262 | 5/13/2014 | 11 | 45 | 0.35 | 0.60 | 1.10 | 2.16 | 1 86 | 3 52 | 3 78 | | 1 04 | 1 1 8 |
| 202 | 5/12/2014 | 11 | 50 | 0.55 | 0.00 | 0.00 | 2.10 | 1.00 | 2.02 | 2.00 | i | 1 15 | 1 00 |
| 203 | 5/15/2014 | 11 | 58 | 0.43 | 0.68 | 0.89 | 3.60 | 5.52 | 3.92 | 3.89 | | 1.45 | 1.80 |
| 264 | 5/13/2014 | 12 | 4 | 0.24 | 0.47 | 1.45 | 1.40 | 1.91 | 2.09 | 3.68 | | 1.06 | 1.10 |
| 265 | 5/13/2014 | 12 | 14 | 0.27 | 0.50 | 1.37 | 1.77 | 1.71 | 1.88 | 3.32 | | 0.75 | 0.86 |
| 266 | 5/13/2014 | 12 | 28 | 0.21 | 0.56 | 1.21 | 2.05 | 1.05 | 2.86 | 3 77 | | 1.1.1 | 1.24 |
| 200 | 5/15/2014 | 12 | 20 | 0.51 | 0.50 | 1.21 | 5.05 | 1.95 | 2.80 | 3.77 | | 1.11 | 1.24 |
| 267 | 5/13/2014 | 12 | 38 | 0.22 | 0.44 | 1.54 | 1.23 | 1.84 | 1.99 | 3.70 | | 1.06 | 1.10 |
| 268 | 5/13/2014 | 12 | 48 | 0.30 | 0.55 | 1.25 | 2.14 | 1.41 | 1.78 | 3.70 | | 0.66 | 0.77 |
| 269 | 5/13/2014 | 12 | 58 | 0.24 | 0.47 | 1 46 | 1.91 | 1 70 | 1.81 | 3 25 | | 1.06 | 1.09 |
| 20) | 5/13/2014 | 12 | 50 | 0.51 | 0.7(| 0.(7 | 7.54 | 2.72 | 1.01 | 2.04 | | 2.52 | 2.02 |
| 270 | 5/15/2014 | 15 | 0 | 0.55 | 0.76 | 0.67 | 7.54 | 5.75 | | 3.94 | | 3.33 | 3.82 |
| 271 | 5/13/2014 | 13 | 17 | 0.32 | 0.57 | 1.18 | 2.33 | 1.84 | 2.32 | 3.72 | | 1.12 | 1.18 |
| 272 | 5/13/2014 | 13 | 29 | 0.28 | 0.52 | 1 32 | 3 10 | 1 30 | 1 46 | 3.28 | | 0.63 | 0.68 |
| 272 | 5/12/2014 | 12 | 20 | 0.20 | 0.54 | 1.27 | 2.77 | 1.44 | 1.77 | 2.69 | | 0.74 | 0.92 |
| 273 | 3/13/2014 | 15 | 39 | 0.30 | 0.34 | 1.27 | 2.11 | 1.44 | 1.// | 5.08 | | 0.74 | 0.85 |
| 274 | 5/13/2014 | 13 | 45 | 0.13 | 0.29 | 1.95 | 1.29 | -0.70 | -0.40 | 1.98 | 2.37 | | |
| 275 | 5/13/2014 | 14 | 1 | 0.34 | 0.59 | 1.14 | 2.85 | 2.24 | 2.75 | 3.69 | | 1.53 | 1.62 |
| 276 | 5/13/2014 | 14 | 12 | 0.26 | 0.50 | 1.28 | 1.74 | 1.77 | 1.82 | 2 2 2 | 2.84 | 1.24 | 1.27 |
| 270 | 5/13/2014 | 14 | 12 | 0.20 | 0.50 | 1.50 | 1.74 | 1.77 | 1.02 | 2.55 | 2.04 | 1.24 | 1.27 |
| 277 | 5/13/2014 | 14 | 22 | 0.29 | 0.53 | 1.29 | 2.31 | 2.52 | 3.51 | 3.81 | | 1.66 | 1.80 |
| | # 14 A 10 A 4 | | | | | | | | | | | | |
| 278 | 5/13/2014 | 14 | 30 | 0.24 | 0.46 | 1.48 | 0.91 | 1.30 | 1.34 | 1.96 | 2.71 | 0.68 | 0.70 |
| 278 | 5/13/2014 | 14 | 30 40 | 0.24 | 0.46 | 1.48 | 0.91 | 1.30 | 1.34 | 1.96 | 2.71 | 0.68 | 0.70 |
| 278 279 280 | 5/13/2014 5/13/2014 | 14 14 | 30 40 | 0.24 | 0.46 | 1.48 1.46 | 0.91 | 1.30 1.32 | 1.34 1.36 | 1.96 1.96 | 2.71 2.32 | 0.68 | 0.70 |
| 278 279 280 | 5/13/2014 5/13/2014 5/13/2014 | 14 14 14 | 30 40 54 | 0.24 0.24 0.21 | 0.46 0.47 0.42 | 1.48 1.46 1.60 | 0.91 0.84 0.76 | 1.30 1.32 1.58 | 1.34 1.36 1.63 | 1.96 1.96 2.27 | 2.71 2.32 2.90 | 0.68 0.66 1.01 | 0.70 0.67 1.03 |
| 278 279 280 281 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | 14 14 14 15 | 30 40 54 4 | 0.24 0.24 0.21 0.20 | 0.46 0.47 0.42 0.41 | 1.48 1.46 1.60 1.62 | 0.91 0.84 0.76 0.61 | 1.30 1.32 1.58 1.39 | 1.34 1.36 1.63 1.40 | 1.96 1.96 2.27 1.92 | 2.71 2.32 2.90 1.94 | 0.68 0.66 1.01 0.77 | 0.70 0.67 1.03 0.78 |
| 278 279 280 281 282 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | 14 14 14 15 15 | 30 40 54 4 10 | 0.24 0.24 0.21 0.20 0.20 | 0.46 0.47 0.42 0.41 0.41 | 1.48 1.46 1.60 1.62 1.63 | 0.91 0.84 0.76 0.61 1.02 | 1.30 1.32 1.58 1.39 1.49 | 1.34 1.36 1.63 1.40 1.57 | 1.96 1.96 2.27 1.92 2.85 | 2.71 2.32 2.90 1.94 3.75 | 0.68 0.66 1.01 0.77 0.57 | 0.70 0.67 1.03 0.78 0.59 |
| 278 279 280 281 282 283 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | 14 14 14 15 15 | 30 40 54 4 10 | 0.24 0.24 0.21 0.20 0.20 0.27 | 0.46 0.47 0.42 0.41 0.41 | 1.48 1.46 1.60 1.62 1.63 | 0.91 0.84 0.76 0.61 1.02 | 1.30 1.32 1.58 1.39 1.49 2.25 | 1.34 1.36 1.63 1.40 1.57 | 1.96 1.96 2.27 1.92 2.85 | 2.71 2.32 2.90 1.94 3.75 | 0.68 0.66 1.01 0.77 0.57 | 0.70 0.67 1.03 0.78 0.59 |
| 278 279 280 281 282 283 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | 14 14 14 15 15 15 | 30 40 54 4 10 18 | 0.24 0.24 0.21 0.20 0.20 0.27 | 0.46 0.47 0.42 0.41 0.41 0.50 | 1.48 1.46 1.60 1.62 1.63 1.37 | 0.91 0.84 0.76 0.61 1.02 1.44 | 1.30 1.32 1.58 1.39 1.49 2.25 | 1.34 1.36 1.63 1.40 1.57 2.40 | 1.96 1.96 2.27 1.92 2.85 3.61 | 2.71 2.32 2.90 1.94 3.75 | 0.68 0.66 1.01 0.77 0.57 1.40 | 0.70 0.67 1.03 0.78 0.59 1.50 |
| 278 279 280 281 282 283 283 284 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | 14 14 15 15 15 15 | 30 40 54 4 10 18 24 | 0.24 0.24 0.21 0.20 0.20 0.27 0.22 | 0.46 0.47 0.42 0.41 0.41 0.50 0.43 | 1.48 1.46 1.60 1.62 1.63 1.37 1.55 | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 | 1.30 1.32 1.58 1.39 1.49 2.25 2.12 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 | 2.71 2.32 2.90 1.94 3.75 3.37 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 |
| 278 279 280 281 282 283 284 285 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | 14 14 15 15 15 15 15 15 | 30 40 54 4 10 18 24 32 | 0.24 0.24 0.21 0.20 0.20 0.20 0.27 0.22 0.18 | 0.46 0.47 0.42 0.41 0.50 0.43 0.38 | 1.48 1.46 1.60 1.62 1.63 1.37 1.55 1.69 | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 | 1.30 1.32 1.58 1.39 1.49 2.25 2.12 1.09 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 -0.50 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 |
| 278 279 280 281 282 283 284 285 286 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | 14 14 15 15 15 15 15 15 | 30 40 54 4 10 18 24 32 42 | 0.24 0.24 0.21 0.20 0.20 0.27 0.22 0.18 0.21 | 0.46 0.47 0.42 0.41 0.50 0.43 0.38 0.42 | 1.48 1.46 1.60 1.62 1.63 1.37 1.55 1.69 | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 | 1.30 1.32 1.58 1.39 2.25 2.12 1.09 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 -0.50 0.71 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 |
| 278 279 280 281 282 283 284 285 286 286 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | 14 14 15 15 15 15 15 15 15 | 30 40 54 4 10 18 24 32 42 42 | 0.24 0.24 0.21 0.20 0.20 0.27 0.22 0.18 0.21 | 0.46 0.47 0.42 0.41 0.50 0.43 0.38 0.42 | 1.48 1.46 1.60 1.62 1.63 1.37 1.55 1.69 1.59 | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 | 1.30 1.32 1.58 1.39 1.49 2.25 2.12 1.09 1.59 1.69 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.26 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 -0.50 0.71 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 |
| 278 279 280 281 282 283 284 285 286 287 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | 14 14 15 15 15 15 15 15 15 15 | 30 40 54 4 10 18 24 32 42 42 48 | 0.24 0.24 0.21 0.20 0.20 0.27 0.22 0.18 0.21 0.18 | 0.46 0.47 0.42 0.41 0.50 0.43 0.38 0.42 0.38 | 1.48 1.46 1.60 1.62 1.63 1.37 1.55 1.69 1.59 | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 | 1.30 1.32 1.58 1.39 1.49 2.25 2.12 1.09 1.59 | $\begin{array}{r} 1.34 \\ 1.36 \\ 1.63 \\ 1.40 \\ 1.57 \\ 2.40 \\ 2.17 \\ 1.10 \\ 1.61 \\ 1.61 \end{array}$ | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 -0.50 0.71 0.37 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.39 |
| 278 279 280 281 282 283 284 285 286 287 288 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | 14 14 15 15 15 15 15 15 15 15 15 15 15 | $ \begin{array}{r} 30 \\ 40 \\ 54 \\ 4 \\ 10 \\ 18 \\ 24 \\ 32 \\ 42 \\ 48 \\ 54 \\ \end{array} $ | 0.24 0.24 0.21 0.20 0.20 0.27 0.22 0.18 0.21 0.18 0.21 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.50 \\ 0.43 \\ 0.38 \\ 0.42 \\ 0.38 \\ 0.30 \end{array}$ | 1.48 1.46 1.60 1.62 1.63 1.37 1.55 1.69 1.59 1.71 1.71 | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 | 1.30 1.32 1.58 1.39 2.25 2.12 1.09 1.59 1.60 1.31 | $\begin{array}{r} 1.34 \\ 1.36 \\ 1.63 \\ 1.40 \\ 1.57 \\ 2.40 \\ 2.17 \\ 1.10 \\ 1.61 \\ 1.61 \\ 1.33 \end{array}$ | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 -0.50 0.71 0.37 0.46 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.39 0.48 |
| 278 279 280 281 282 283 284 285 286 287 288 288 289 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | 14 14 15 15 15 15 15 15 15 15 15 15 15 | $ \begin{array}{r} 30 \\ 40 \\ 54 \\ 4 \\ 10 \\ 18 \\ 24 \\ 32 \\ 42 \\ 48 \\ 54 \\ 0 \end{array} $ | 0.24 0.24 0.21 0.20 0.20 0.27 0.22 0.18 0.21 0.18 0.21 0.18 | 0.46 0.47 0.42 0.41 0.50 0.43 0.38 0.42 0.38 0.30 0.44 | 1.48 1.46 1.60 1.62 1.63 1.57 1.55 1.69 1.59 1.71 1.92 1.54 | 0.91 0.84 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.89 | 1.30 1.32 1.58 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.33 1.08 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 1.86 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 1.95 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 -0.50 0.71 0.37 0.46 0.11 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.39 0.48 0.12 |
| 278 279 280 281 282 283 284 285 286 287 286 287 288 289 290 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | 14 14 15 15 15 15 15 15 15 15 15 15 16 16 | $ \begin{array}{r} 30 \\ 40 \\ 54 \\ 4 \\ 10 \\ 18 \\ 24 \\ 32 \\ 42 \\ 42 \\ 48 \\ 54 \\ 0 \\ 5 \end{array} $ | 0.24 0.24 0.21 0.20 0.20 0.27 0.22 0.18 0.21 0.18 0.14 0.22 0.18 | 0.46 0.47 0.42 0.41 0.50 0.43 0.38 0.42 0.38 0.30 0.30 0.44 0.44 | 1.48 1.46 1.60 1.62 1.63 1.37 1.55 1.69 1.59 1.71 1.92 1.54 | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.89 1.25 | 1.30 1.32 1.58 1.39 2.25 2.12 1.09 1.59 1.60 1.31 1.05 | $\begin{array}{c} 1.34 \\ 1.36 \\ 1.63 \\ 1.40 \\ 1.57 \\ 2.40 \\ 2.17 \\ 1.10 \\ 1.61 \\ 1.61 \\ 1.33 \\ 1.08 \\ 1.23 \end{array}$ | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 1.86 1.78 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 1.95 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 -0.50 0.71 0.37 0.46 0.11 0.55 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.39 0.48 0.12 0.57 |
| 278 279 280 281 282 283 284 285 286 287 286 287 288 289 290 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | 14 14 15 15 15 15 15 15 15 15 15 15 16 16 | 30 40 54 4 10 18 24 32 42 42 48 54 0 5 5 12 | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.18 0.21 0.18 0.21 0.14 0.22 0.21 | $\begin{array}{c} 0.46\\ 0.47\\ 0.42\\ 0.41\\ 0.50\\ 0.43\\ 0.38\\ 0.42\\ 0.38\\ 0.30\\ 0.44\\ 0.42\\ 0.38\\ 0.30\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.44\\ 0.42\\ 0.44\\ 0.44\\ 0.42\\ 0.44\\$ | 1.48 1.46 1.60 1.62 1.63 1.57 1.55 1.69 1.59 1.71 1.92 1.54 1.54 | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.89 1.25 1.64 | 1.30 1.32 1.58 1.39 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.33 1.08 1.23 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 1.86 1.78 2.21 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 1.95 1.94 | $\begin{array}{c} 0.68 \\ \hline 0.66 \\ \hline 1.01 \\ 0.77 \\ \hline 0.57 \\ \hline 1.40 \\ \hline 1.50 \\ -0.50 \\ \hline 0.71 \\ \hline 0.37 \\ \hline 0.46 \\ \hline 0.11 \\ \hline 0.55 \\ \end{array}$ | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.39 0.48 0.12 0.57 |
| 278 279 280 281 282 283 284 285 286 287 288 289 290 291 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | $\begin{array}{c} 14 \\ 14 \\ 14 \\ 15 \\ 15 \\ 15 \\ 15 \\ 15 \\$ | $ \begin{array}{r} 30 \\ 40 \\ 54 \\ 4 \\ 10 \\ 18 \\ 24 \\ 32 \\ 42 \\ 48 \\ 54 \\ 0 \\ 5 \\ 13 \\ \end{array} $ | 0.24 0.24 0.21 0.20 0.20 0.27 0.22 0.18 0.21 0.14 0.21 0.21 0.21 0.21 0.21 | $\begin{array}{c} 0.46\\ 0.47\\ 0.42\\ 0.41\\ 0.41\\ 0.50\\ 0.43\\ 0.38\\ 0.42\\ 0.38\\ 0.30\\ 0.44\\ 0.42\\ 0.44\\ 0.41\\ \end{array}$ | 1.48 1.46 1.60 1.62 1.37 1.37 1.35 1.69 1.59 1.71 1.92 1.54 1.59 | $\begin{array}{c} 0.91 \\ 0.84 \\ 0.76 \\ 0.61 \\ 1.02 \\ 1.44 \\ 1.46 \\ 0.58 \\ 0.75 \\ 0.66 \\ 1.28 \\ 0.89 \\ 1.25 \\ 1.04 \end{array}$ | 1.30 1.32 1.58 1.39 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 | $\begin{array}{c} 1.34 \\ 1.36 \\ 1.63 \\ 1.40 \\ 1.57 \\ 2.40 \\ 2.17 \\ 1.10 \\ 1.61 \\ 1.33 \\ 1.08 \\ 1.23 \\ 1.22 \end{array}$ | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 1.86 1.78 2.04 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 2.40 2.28 1.95 1.94 2.50 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 -0.50 0.71 0.37 0.46 0.11 0.55 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.39 0.48 0.12 0.57 |
| 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | $ \begin{array}{r} 14 \\ 14 \\ 14 \\ 15 \\ 15 \\ 15 \\ 15 \\ 15 \\ 15 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16 \\ 16$ | 30 40 54 4 10 18 24 32 42 48 54 5 5 5 13 18 | 0.24 0.24 0.20 0.20 0.27 0.22 0.18 0.21 0.18 0.21 0.14 0.22 0.21 0.20 0.21 | $\begin{array}{c} 0.46\\ 0.47\\ 0.42\\ 0.41\\ 0.50\\ 0.43\\ 0.38\\ 0.42\\ 0.38\\ 0.30\\ 0.44\\ 0.42\\ 0.41\\ 0.42\\ 0.41\\ 0.42\\ \end{array}$ | 1.48 1.46 1.60 1.62 1.63 1.57 1.59 1.71 1.92 1.54 1.59 1.64 1.59 1.71 1.92 1.54 1.59 1.62 | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.89 1.25 1.04 1.24 | 1.30 1.32 1.58 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.18 1.18 | $\begin{array}{c} 1.34\\ 1.36\\ 1.63\\ 1.63\\ 1.40\\ 1.57\\ 2.40\\ 2.17\\ 1.10\\ 1.61\\ 1.61\\ 1.33\\ 1.08\\ 1.23\\ 1.22\\ 1.43\\ \end{array}$ | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 1.86 1.78 2.04 2.15 | 2.71 2.32 2.90 1.94 3.75 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 -0.50 0.71 0.37 0.46 0.11 0.55 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.39 0.48 0.12 0.57 0.57 |
| 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | 14 14 15 15 15 15 15 15 15 15 15 15 16 16 16 16 16 | 30 40 54 4 10 18 24 32 42 42 48 54 0 5 5 13 18 24 | 0.24 0.24 0.21 0.20 0.20 0.27 0.22 0.18 0.21 0.18 0.14 0.22 0.21 0.20 0.21 0.20 | $\begin{array}{c} 0.46\\ 0.47\\ 0.42\\ 0.41\\ 0.41\\ 0.50\\ 0.43\\ 0.38\\ 0.42\\ 0.38\\ 0.30\\ 0.44\\ 0.42\\ 0.41\\ 0.42\\ 0.41\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ \end{array}$ | 1.48 1.46 1.60 1.62 1.63 1.37 1.55 1.69 1.71 1.92 1.54 1.59 1.60 1.54 | $\begin{array}{c} 0.91\\ 0.84\\ 0.76\\ 0.61\\ 1.02\\ 1.44\\ 1.46\\ 0.58\\ 0.75\\ 0.66\\ 1.28\\ 0.89\\ 1.25\\ 1.04\\ 1.24\\ 0.63\\ \end{array}$ | 1.30 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.31 | 1.34 1.36 1.63 1.40 2.17 1.10 1.61 1.61 1.61 1.33 1.08 1.23 1.22 1.43 1.34 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 1.86 1.78 2.04 2.15 2.15 2.15 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 2.40 2.28 1.95 1.94 2.50 3.21 2.27 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 -0.50 0.71 0.37 0.46 0.11 0.55 0.71 0.55 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.39 0.48 0.12 0.57 -0.74 0.51 |
| 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | 14 14 15 15 15 15 15 15 15 15 15 16 16 16 16 16 | 30 40 54 4 10 18 24 32 42 42 42 42 54 5 13 18 24 36 | 0.24 0.24 0.20 0.20 0.27 0.22 0.18 0.21 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 | $\begin{array}{c} 0.46\\ 0.47\\ 0.42\\ 0.41\\ 0.50\\ 0.43\\ 0.38\\ 0.32\\ 0.38\\ 0.30\\ 0.44\\ 0.42\\ 0.41\\ 0.42\\ 0.41\\ 0.42\\ 0.44\\ 0.43\\$ | 1.48 1.46 1.60 1.62 1.63 1.55 1.69 1.59 1.71 1.92 1.54 1.59 1.62 1.60 1.54 | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.89 1.25 1.04 1.24 0.63 0.51 | 1.30 1.32 1.58 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.31 1.58 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.33 1.08 1.23 1.22 1.43 1.34 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 1.86 1.78 2.04 2.15 2.15 2.25 2.15 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 2.40 2.28 1.95 1.94 2.50 3.21 2.27 2.33 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 -0.50 0.71 0.37 0.46 0.11 0.55 -0.71 0.55 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.39 0.48 0.12 0.74 0.57 -0.74 0.51 0.74 |
| 278 279 280 281 282 283 284 285 286 287 288 288 289 290 291 292 293 294 205 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | $\begin{array}{c} 14 \\ 14 \\ 14 \\ 15 \\ 15 \\ 15 \\ 15 \\ 15 \\$ | 30 40 54 10 18 24 32 42 48 54 0 54 0 51 13 18 24 36 40 54 40 54 40 54 54 54 54 54 54 54 54 54 54 | 0.24 0.24 0.21 0.20 0.20 0.27 0.22 0.18 0.21 0.21 0.22 0.21 0.20 0.21 0.22 0.21 0.22 0.21 0.22 | 0.46 0.47 0.42 0.41 0.50 0.43 0.38 0.42 0.38 0.30 0.44 0.42 0.41 0.42 0.41 0.42 0.44 0.43 0.43 | 1.48 1.46 1.60 1.62 1.63 1.37 1.55 1.69 1.59 1.71 1.92 1.54 1.59 1.60 1.54 1.54 1.57 | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.89 1.25 1.04 1.24 0.63 0.51 | 1.30 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.38 1.31 1.57 1.9 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.33 1.23 1.23 1.23 1.23 1.24 1.58 1.34 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 1.86 1.78 2.04 2.15 2.15 2.15 2.15 2.15 2.25 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 2.40 2.28 1.95 1.94 2.50 3.21 2.27 2.33 | 0.68 0.66 1.01 0.77 1.40 1.50 -0.50 0.71 0.37 0.46 0.11 0.55 0.71 0.51 0.71 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 1.51 0.72 0.39 0.48 0.12 0.57 0.74 0.51 0.76 1.51 |
| 278 279 280 281 282 283 284 285 286 287 288 288 288 289 290 291 292 293 294 295 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | $\begin{array}{c} 14\\ 14\\ 14\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16$ | 30 40 54 10 18 24 32 48 54 0 5 13 18 24 36 40 | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 | $\begin{array}{c} 0.46\\ 0.47\\ 0.42\\ 0.41\\ 0.50\\ 0.43\\ 0.38\\ 0.42\\ 0.38\\ 0.30\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.43\\ 0.48\\ 0.48\\ \end{array}$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.57\\ 1.55\\ 1.69\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.57\\ 1.62\\ 1.60\\ 1.54\\ 1.57\\ 1.42\\ \end{array}$ | 0.91 0.84 0.76 0.61 1.02 1.44 0.58 0.75 0.66 1.28 0.89 1.25 1.04 1.24 0.63 0.51 1.70 | 1.30 1.32 1.58 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.31 1.57 1.87 | 1.34 1.36 1.63 1.40 1.57 2.40 1.57 2.40 1.61 1.61 1.61 1.33 1.23 1.22 1.43 1.38 1.58 1.93 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 1.86 1.78 2.04 2.15 2.15 2.15 2.25 2.76 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 1.94 2.28 1.95 1.94 2.20 3.21 2.27 2.33 3.70 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 0.71 0.37 0.46 0.11 0.55 0.71 0.55 0.71 0.55 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.39 0.48 0.12 0.74 0.51 0.74 0.51 0.74 0.51 |
| 278 279 280 281 283 283 284 285 286 286 287 288 289 290 291 291 292 293 294 295 296 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | $\begin{array}{c} 14\\ 14\\ 14\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16$ | 30 40 54 10 18 24 32 42 48 54 0 5 13 18 24 36 40 46 | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 | $\begin{array}{c} 0.46\\ 0.47\\ 0.42\\ 0.41\\ 0.50\\ 0.63\\ 0.38\\ 0.38\\ 0.38\\ 0.38\\ 0.30\\ 0.44\\ 0.42\\ 0.41\\ 0.42\\ 0.41\\ 0.42\\ 0.44\\ 0.42\\ 0.43\\ 0.43\\ 0.45\\ \end{array}$ | 1.48 1.46 1.60 1.62 1.63 1.37 1.55 1.69 1.59 1.71 1.92 1.54 1.59 1.60 1.54 1.57 1.42 1.54 | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.66 1.28 0.69 1.25 1.04 1.24 0.63 0.51 1.70 0.70 | 1.30 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.31 1.57 1.87 1.52 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.63 1.23 1.23 1.23 1.23 1.23 1.34 1.58 1.93 1.58 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 1.86 1.78 2.05 2.15 2.15 2.15 2.15 2.15 2.15 2.25 2.76 2.30 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 1.95 1.94 2.50 3.21 2.27 2.33 3.70 2.240 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 -0.50 0.71 0.37 0.46 0.11 0.55 -0.51 0.75 1.20 0.71 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 1.51 0.72 0.39 0.48 0.12 0.57 0.74 0.74 0.74 0.75 0.74 0.75 |
| 278 279 280 281 282 283 284 285 286 287 288 288 289 290 291 292 293 294 295 295 297 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | $\begin{array}{c} 14 \\ 14 \\ 14 \\ 15 \\ 15 \\ 15 \\ 15 \\ 15 \\$ | $\begin{array}{r} 30\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 42\\ 42\\ 42\\ 48\\ 54\\ 0\\ 5\\ 13\\ 18\\ 24\\ 24\\ 36\\ 40\\ 46\\ 50\\ \end{array}$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 | $\begin{array}{c} 0.46\\ 0.47\\ 0.42\\ 0.41\\ 0.41\\ 0.50\\ 0.38\\ 0.42\\ 0.38\\ 0.42\\ 0.43\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.43\\ 0.43\\ 0.48\\ 0.45\\ 0.45\\ 0.45\\ \end{array}$ | 1.48 1.46 1.60 1.62 1.63 1.37 1.55 1.69 1.59 1.71 1.92 1.54 1.59 1.62 1.60 1.54 1.57 1.42 1.57 | $\begin{array}{c} 0.91\\ 0.84\\ 0.76\\ 0.61\\ 1.02\\ 1.44\\ 1.46\\ 0.58\\ 0.75\\ 0.66\\ 1.28\\ 0.89\\ 1.25\\ 1.04\\ 1.24\\ 0.63\\ 0.51\\ 1.70\\ 0.70\\ 0.70\\ 0.68\\ \end{array}$ | 1.30 1.32 1.32 1.39 1.49 2.25 2.12 1.09 1.59 1.00 1.31 1.05 1.19 1.18 1.38 1.38 1.31 1.57 1.87 1.52 1.70 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.33 1.08 1.23 1.22 1.43 1.22 1.43 1.54 1.54 1.54 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 1.88 1.78 2.04 2.15 2.25 2.76 2.36 2.15 2.25 2.76 2.36 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 1.94 2.28 2.40 2.28 3.21 2.27 2.33 3.70 2.40 2.40 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 0.71 0.37 0.46 0.11 0.55 0.71 0.55 0.71 0.51 0.75 1.20 0.71 0.98 | 0.70 0.67 1.03 0.78 0.59 1.51 -0.48 0.72 0.39 0.48 0.12 0.57 -0.74 0.57 -0.74 0.51 0.76 0.72 0.74 0.75 0.74 0.75 0.74 0.74 0.75 0.74 0.75 0.74 0.75 0.74 0.75 0.7 |
| 278 279 280 281 283 283 284 285 286 287 288 289 290 291 292 293 294 295 295 296 297 298 | 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 5/13/2014 | $\begin{array}{c} 14\\ 14\\ 14\\ 14\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16$ | $\begin{array}{r} 30\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 32\\ 42\\ 48\\ 54\\ 0\\ 5\\ 13\\ 18\\ 24\\ 36\\ 40\\ 46\\ 50\\ 55\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.20 0.20 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.47 \\ 0.41 \\ 0.50 \\ 0.43 \\ 0.38 \\ 0.30 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.43 \\ 0.45 \\ 0.43 \\ 0.43 \\ 0.45 \\ 0.43 \\ 0.43 \end{array}$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.57\\ 1.55\\ 1.69\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.57\\ 1.42\\ 1.52\\ 1.54\\ 1.55\\ 1.42\\ 1.55\\ 1.42\\ 1.52\\ 1.58\\$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.66 1.28 0.69 1.25 1.04 1.24 0.63 0.51 1.70 0.70 0.70 | 1.30 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.31 1.57 1.87 1.52 1.70 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.33 1.23 1.23 1.23 1.34 1.58 1.34 1.58 1.58 1.54 1.51 1.54 1.54 1.54 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 1.86 1.78 2.15 2.36 2.15 2.25 2.15 2.25 2.76 2.30 2.30 2.30 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 2.40 2.28 1.94 2.50 3.21 2.95 1.94 2.27 2.33 3.70 2.40 2.40 2.27 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 -0.50 0.71 0.37 0.46 0.11 0.55 0.71 0.55 0.71 0.75 1.20 0.71 0.71 0.71 0.95 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 0.72 0.39 0.48 0.12 0.57 0.74 0.57 0.74 0.51 0.76 0.72 0.99 0.99 0.09 |
| 278 279 280 281 282 283 284 285 286 287 288 288 288 289 290 291 292 293 294 295 295 295 297 297 | 5/13/2014 | $\begin{array}{c} 14\\ 14\\ 14\\ 14\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16$ | 30 40 54 4 10 18 24 32 42 48 54 0 5 13 18 24 36 40 46 50 55 5 | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.51 \\ 0.53 \\ 0.38 \\ 0.42 \\ 0.38 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.45 \\ 0.45 \\ 0.45 \\ 0.42 \\ 0.42 \\ 0.44 \\ 0.45 \\ 0.45 \\ 0.45 \\ 0.42 \\ 0.42 \\ 0.44 \\ 0.45 \\ 0.45 \\ 0.45 \\ 0.45 \\ 0.42 \\ 0.42 \\ 0.42 \\ 0.44 \\ 0.45 \\ 0.45 \\ 0.45 \\ 0.45 \\ 0.45 \\ 0.45 \\ 0.42 \\ 0.42 \\ 0.42 \\ 0.44 \\ 0.45 \\ 0.$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.37\\ 1.55\\ 1.69\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.62\\ 1.62\\ 1.62\\ 1.62\\ 1.54\\ 1.58\\$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.66 1.28 0.89 1.25 1.04 1.24 0.63 0.61 1.24 0.63 0.61 1.25 1.04 0.76 0.61 1.25 0.66 1.25 0.66 1.25 0.66 1.25 0.66 1.25 0.66 1.25 0.66 1.25 0.66 1.25 0.66 1.25 0.66 1.25 0.66 1.25 0.66 1.25 0.66 1.25 0.66 1.25 0.66 0.75 0.67 0.70 0.51 0.70 0 | 1.30 1.32 1.32 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.38 1.31 1.57 1.87 1.52 1.70 1.30 0.67 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.33 1.08 1.22 1.43 1.22 1.43 1.58 1.93 1.58 1.93 1.54 1.57 1.58 1.58 1.58 1.59 1.55 1 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 1.86 2.15 1.86 2.15 2.15 2.15 2.15 2.25 2.76 2.30 2.36 2.30 2.36 2.14 2.15 2.15 2.15 2.15 2.15 2.15 2.15 2.15 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 2.40 2.28 1.95 1.94 2.50 3.21 2.50 3.21 2.33 3.70 2.40 2.40 2.40 2.40 | 0.68 0.66 1.01 0.77 0.57 1.40 0.50 0.71 0.37 0.46 0.11 0.55 0.71 0.75 1.20 0.71 0.75 1.20 0.71 0.98 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.12 0.57 0.74 0.74 0.74 0.76 1.23 0.72 0.76 0.72 0.76 0.74 0.72 0.76 0.74 0.75 |
| 278 279 280 281 283 283 284 285 286 287 288 289 290 291 202 293 204 295 296 297 298 299 | 5/13/2014 | $\begin{array}{c} 14\\ 14\\ 14\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16$ | $\begin{array}{r} 30\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 32\\ 42\\ 42\\ 48\\ 54\\ 0\\ 5\\ 5\\ 13\\ 18\\ 24\\ 36\\ 40\\ 46\\ 50\\ 55\\ 1\end{array}$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.22 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.21 | $\begin{array}{c} 0.46\\ 0.47\\ 0.42\\ 0.41\\ 0.50\\ 0.63\\ 0.38\\ 0.30\\ 0.42\\ 0.38\\ 0.30\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.43\\ 0.44\\ 0.43\\ 0.44\\ 0.43\\ 0.44\\ 0.42\\ 0.20\\ 0.29\\$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.57\\ 1.55\\ 1.69\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.57\\ 1.62\\ 1.54\\ 1.57\\ 1.42\\ 1.52\\ 1.58\\ 1.58\\ 1.96\end{array}$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.65 1.25 1.04 1.24 0.63 0.51 1.70 0.70 0.70 0.68 | $\begin{array}{c} 1.30\\ 1.32\\ 1.32\\ 1.38\\ 1.39\\ 2.25\\ 2.12\\ 1.09\\ 1.59\\ 1.60\\ 1.31\\ 1.05\\ 1.19\\ 1.18\\ 1.38\\ 1.31\\ 1.57\\ 1.87\\ 1.52\\ 1.70\\ 1.30\\ 0.93\\ \end{array}$ | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.61 1.63 1.23 1.23 1.23 1.23 1.34 1.58 1.34 1.58 1.58 1.58 1.54 1.54 1.54 1.54 1.54 1.54 1.54 1.54 1.54 1.54 1.54 1.55 1 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 1.89 2.15 2.36 1.78 2.04 2.15 2.15 2.15 2.15 2.25 2.76 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 2.40 2.28 1.94 2.50 3.21 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.40 2.27 2.33 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 0.71 0.37 0.46 0.11 0.55 0.71 0.75 1.20 0.71 0.75 1.20 0.71 0.71 0.75 0.71 0.75 0.71 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 0.72 0.39 0.48 0.12 0.57 0.74 0.57 0.74 0.51 0.76 1.23 0.72 0.99 0.99 0.02 -0.12 |
| 278 279 280 281 282 283 284 285 286 285 288 288 288 290 291 292 293 294 295 295 296 297 298 299 300 | 5/13/2014 | $\begin{array}{c} 14\\ 14\\ 14\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16\\ 16$ | $\begin{array}{r} 30\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 32\\ 42\\ 48\\ 54\\ 0\\ 5\\ 13\\ 18\\ 24\\ 36\\ 40\\ 46\\ 50\\ 55\\ 1\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.23 0.23 0.23 0.21 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.51 \\ 0.51 \\ 0.38 \\ 0.42 \\ 0.38 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.42 \\ 0.29 \\ 0.29 \\ 0.66 \end{array}$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.37\\ 1.55\\ 1.69\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.62\\ 1.62\\ 1.62\\ 1.54\\ 1.58\\ 1.58\\ 1.58\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ \end{array}$ | $\begin{array}{c} 0.91\\ 0.84\\ 0.76\\ 0.61\\ 1.02\\ 1.44\\ 1.46\\ 0.58\\ 0.75\\ 0.66\\ 1.28\\ 0.89\\ 1.25\\ 1.04\\ 1.24\\ 0.63\\ 0.51\\ 1.70\\ 0.70\\ 0.63\\ 2.07\\ 0.63\\ 4.18\end{array}$ | 1.30 1.32 1.32 1.39 1.49 2.25 2.12 1.09 1.59 1.00 1.31 1.05 1.19 1.18 1.38 1.38 1.31 1.57 1.87 1.52 1.70 1.30 1.30 1.53 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.61 1.61 1.23 1.22 1.43 1.34 1.58 1.93 1.54 1.71 1.54 1.71 1.73 0.95 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 1.86 2.15 2.25 2.76 2.30 2.36 2.30 2.36 2.34 2.35 2.25 2.76 2.30 2.36 2.34 3.18 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 1.95 1.94 2.28 3.21 2.50 3.21 2.27 2.33 3.70 2.40 2.41 2.28 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 0.71 0.37 0.46 0.11 0.55 0.71 0.75 1.20 0.75 1.20 0.75 1.20 0.75 0.20 0.75 0.20 0.05 0.05 0.05 0.05 0.05 0.05 0.0 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.12 0.37 0.74 0.57 0.74 0.57 0.74 0.72 0.72 0.72 0.72 0.72 0.72 0.72 0.72 0.72 0.72 0.72 0.72 0.72 0.74 0.72 0.72 0.74 0.72 0.75 0.74 0.74 0.74 0.75 0.75 0.74 0.75 0.72 0.72 0.72 0.72 0.72 0.99 0.99 0.99 0.99 0.97 0.72 0.99 0.99 0.99 0.99 0.90 |
| 278 279 280 281 283 283 284 285 286 287 288 290 291 292 293 294 295 296 297 298 299 300 | 5/13/2014 | $\begin{array}{c} 14 \\ 14 \\ 14 \\ 15 \\ 15 \\ 15 \\ 15 \\ 15 \\$ | $\begin{array}{r} 30\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 32\\ 42\\ 42\\ 48\\ 54\\ 0\\ 5\\ 13\\ 18\\ 24\\ 48\\ 54\\ 0\\ 5\\ 13\\ 18\\ 24\\ 40\\ 46\\ 50\\ 55\\ 1\\ 1\\ 5\\ 5\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.23 0.23 0.21 0.23 0.21 0.23 0.21 0.23 0.21 0.23 0.21 0.23 0.21 0.20 0.20 0.20 0.21 0.27 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.22 | $\begin{array}{c} 0.46\\ 0.47\\ 0.47\\ 0.42\\ 0.41\\ 0.50\\ 0.43\\ 0.38\\ 0.30\\ 0.42\\ 0.38\\ 0.30\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.43\\ 0.44\\ 0.43\\ 0.44\\ 0.43\\ 0.44\\ 0.42\\ 0.29\\ 0.66\\ 0.30\\ 0.66\\ 0.30\\ 0.66\\ 0.30\\ 0.66\\ 0.30\\ 0.66\\ 0.30\\ 0.66\\ 0.30\\ 0.66\\ 0.30\\ 0.30\\ 0.66\\ 0.30\\ 0.30\\ 0.66\\ 0.30\\ 0.30\\ 0.66\\ 0.30\\ 0.30\\ 0.66\\ 0.30\\ 0.30\\ 0.30\\ 0.30\\ 0.42\\ 0.29\\ 0.66\\ 0.30\\$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.57\\ 1.55\\ 1.69\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.57\\ 1.62\\ 1.54\\ 1.57\\ 1.42\\ 1.52\\ 1.58\\ 1.96\\ 0.94\\ 1.98\\ 1.96\\ 0.94\\ 1.93\\ 1.93\\ 1.93\\ 1.93\\ 1.93\\ 1.96\\ 1.93\\$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.75 0.66 1.28 0.69 1.25 1.04 1.24 0.63 0.51 1.70 0.63 0.51 0.66 3.07 0.63 4.18 | 1.30 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.31 1.57 1.87 1.52 1.70 1.30 0.93 1.53 1.9 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.63 1.23 1.23 1.23 1.23 1.34 1.58 1.33 1.54 1.53 0.95 2.51 1.21 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.25 2.76 2.30 2.30 2.30 2.30 2.30 2.31 3.18 3.18 3.18 3.18 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 2.40 2.28 1.94 2.28 1.94 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.41 2.27 2.40 2.41 2.28 1.88 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 -0.50 0.71 0.37 0.46 0.11 0.55 0.71 0.51 0.75 1.20 0.71 0.71 0.98 -0.05 -0.13 0.67 0.40 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.39 0.48 0.72 0.57 -0.74 0.51 0.76 1.23 0.72 0.99 -0.02 -0.12 0.83 0.41 0.42 0.59 -0.59 -0.59 -0.59 -0.59 -0.59 -0.59 -0.59 -0.59 -0.59 -0.59 -0.59 -0.59 -0.59 -0.48 -0.78 -0.48 -0.78 -0.78 -0.48 -0.78 -0.78 -0.48 -0.78 -0.78 -0.48 -0.77 -0.74 -0.76 -0.76 -0.76 -0.72 -0.72 -0.99 -0.72 -0.99 -0.72 -0.99 -0.72 -0.99 -0.72 -0.99 -0.72 -0.99 -0.72 -0.99 -0.72 -0.99 -0.72 -0.99 -0.72 -0.99 -0.72 -0.99 -0.02 -0.72 -0.99 -0.02 -0.72 -0.99 -0.02 -0.12 -0.72 -0.99 -0.02 -0.12 -0.72 -0.99 -0.02 -0.12 -0.12 -0.12 -0.12 -0.74 -0.12 -0.72 -0.99 -0.02 -0.12 -0 |
| 278 279 280 281 282 283 284 285 286 285 288 288 290 291 292 293 294 295 295 296 297 298 299 300 301 | 5/13/2014 | 14 14 14 14 14 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 17 17 | $\begin{array}{c} 30\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 32\\ 42\\ 48\\ 54\\ 0\\ 5\\ 13\\ 18\\ 24\\ 48\\ 54\\ 0\\ 5\\ 5\\ 13\\ 18\\ 24\\ 46\\ 50\\ 55\\ 1\\ 1\\ 5\\ 5\\ 11\\ 20\\ \end{array}$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.27 0.22 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.23 0.23 0.23 0.23 0.21 0.23 0.23 0.21 0.23 0.23 0.21 0.24 0.24 0.24 0.24 0.24 0.27 0.22 0.18 0.24 0.24 0.27 0.22 0.18 0.22 0.18 0.24 0.27 0.22 0.18 0.21 0.22 0.18 0.21 0.21 0.22 0.18 0.21 0.22 0.18 0.21 0.22 0.18 0.21 0.22 0.18 0.22 0.22 0.18 0.22 0.22 0.18 0.22 0.22 0.22 0.18 0.22 0.22 0.22 0.22 0.22 0.22 0.22 0.2 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.51 \\ 0.51 \\ 0.38 \\ 0.42 \\ 0.38 \\ 0.42 \\ 0.41 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.45 \\ 0.45 \\ 0.29 \\ 0.29 \\ 0.56 \\ 0.30 \\ 0.29 \\ 0.56 \\ 0.30 \\ 0.21 \\ 0.21 \\ 0.22 \\ 0.$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.37\\ 1.55\\ 1.69\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.52\\ 1.62\\ 1.54\\ 1.58\\ 1.58\\ 1.58\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.96\\ 0.94\\ 1.93\\ 1.96\\ 0.94\\ 1.93\\ 1.96\\ 0.94\\ 1.93\\ 1.96\\ 0.94\\ 1.93\\ 1.96\\ 0.94\\ 1.93\\ 1.96\\ 0.94\\ 1.93\\ 1.96\\ 0.94\\ 1.93\\ 1.96\\ 0.94\\ 1.93\\ 1.96\\ 0.94\\ 1.93\\ 1.96\\ 0.94\\ 1.93\\ 1.96\\ 0.94\\ 1.93\\ 1.96\\ 0.94\\ 1.93\\ 1.96\\ 0.94\\ 1.93\\ 1.96\\ 0.94\\ 1.93\\ 1.96\\ 0.94\\ 1.93\\ 1.96\\ 0.94\\ 1.93\\ 1.96\\ 0.94\\ 1.98\\ 1.96\\ 0.96\\$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.89 1.25 1.04 1.24 0.63 0.51 1.70 0.70 0.63 2.07 0.63 4.18 0.66 | 1.30 1.32 1.32 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.38 1.31 1.57 1.87 1.52 1.70 1.30 0.93 1.53 1.99 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.61 1.61 1.23 1.33 1.34 1.58 1.93 1.54 1.71 1.33 0.95 2.51 1.21 1.21 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.15 2.36 2.15 2.15 2.25 2.76 2.30 2.27 2.30 2.30 2.14 1.83 3.318 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 1.94 2.28 1.94 2.28 1.94 2.50 3.21 2.27 2.33 3.70 2.40 2.41 2.28 1.88 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 0.71 0.37 0.46 0.11 0.55 0.71 0.55 0.71 0.51 0.75 1.20 0.71 0.75 0.71 0.98 0.71 0.98 0.71 0.98 0.71 0.98 0.71 0.94 0.95 0.95 0.95 0.95 0.95 0.95 0.95 0.95 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.39 0.48 0.12 0.57 -0.74 0.51 0.74 0.75 0.74 0.72 0.74 0.72 0.74 0.72 0.74 0.75 0.74 0.75 0.75 0.75 0.75 0.75 0.75 0.72 0.75 0.75 0.72 0.75 0.75 0.75 0.72 0.75 |
| 278 279 280 281 283 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 | 5/13/2014 | 14 14 14 15 15 15 15 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 17 77 77 77 | $\begin{array}{r} 30\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 42\\ 42\\ 42\\ 48\\ 54\\ 0\\ 5\\ 13\\ 18\\ 24\\ 36\\ 50\\ 55\\ 1\\ 1\\ 5\\ 5\\ 1\\ 1\\ 30\\ 30\\ 55\\ 5\\ 1\\ 5\\ 5\\ 1\\ 30\\ 30\\ 5\\ 5\\ 5\\ 5\\ 1\\ 1\\ 30\\ 30\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.23 0.23 0.23 0.23 0.21 0.23 0.23 0.21 0.23 0.21 0.23 0.21 0.23 0.21 0.23 0.21 0.23 0.21 0.25 0.23 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.22 | $\begin{array}{c} 0.46\\ 0.47\\ 0.42\\ 0.41\\ 0.50\\ 0.43\\ 0.38\\ 0.30\\ 0.42\\ 0.38\\ 0.30\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.43\\ 0.44\\ 0.43\\ 0.44\\ 0.43\\ 0.44\\ 0.43\\ 0.44\\ 0.43\\ 0.42\\ 0.29\\ 0.66\\ 0.30\\ 0.34\\$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.57\\ 1.55\\ 1.69\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.57\\ 1.42\\ 1.52\\ 1.54\\ 1.57\\ 1.42\\ 1.52\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.75 0.66 1.28 1.04 1.24 0.63 0.51 1.70 0.63 0.51 1.70 0.68 0.51 0.77 0.63 4.18 | 1.30 1.32 1.32 1.38 1.39 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.31 1.57 1.52 1.30 0.93 1.33 1.33 1.33 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.61 1.61 1.23 1.23 1.23 1.23 1.54 1.54 1.71 1.33 0.95 2.51 1.21 1.24 1.24 1.24 1.24 1.24 1.25 1 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 1.78 2.04 2.15 2.15 2.15 2.15 2.15 2.15 2.26 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 2.40 2.28 1.95 1.94 2.28 1.95 1.94 2.27 2.33 3.70 2.40 2.41 2.27 2.43 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.29 2.90 2.90 2.90 2.90 2.90 2.90 2.9 | 0.68 0.66 1.01 1.50 -0.57 1.40 1.50 -0.50 0.71 0.37 0.46 0.11 0.55 -0.51 0.71 0.51 0.71 0.51 0.71 0.51 0.71 0.67 0.05 -0.13 0.67 0.40 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.39 0.48 0.72 0.57 0.74 0.51 0.76 1.23 0.72 0.99 -0.02 -0.12 0.83 0.41 0.32 |
| 278 279 280 281 282 283 284 285 286 285 288 290 291 292 293 294 292 293 294 295 299 299 299 300 301 302 303 | 5/13/2014 | 14 14 14 14 14 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 17 17 17 | $\begin{array}{r} 30\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 42\\ 42\\ 42\\ 44\\ 0\\ 5\\ 13\\ 18\\ 24\\ 36\\ 40\\ 46\\ 50\\ 55\\ 5\\ 11\\ 5\\ 5\\ 11\\ 30\\ 35\\ \end{array}$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.21 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.23 0.23 0.21 0.23 0.21 0.24 | $\begin{array}{c} 0.46\\ 0.47\\ 0.42\\ 0.41\\ 0.41\\ 0.50\\ 0.38\\ 0.38\\ 0.42\\ 0.38\\ 0.42\\ 0.43\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.43\\ 0.44\\ 0.44\\ 0.44\\ 0.43\\ 0.43\\ 0.43\\ 0.44\\ 0.44\\ 0.44\\ 0.44\\ 0.44\\ 0.44\\ 0.44\\ 0.44\\ 0.43\\ 0.43\\ 0.44\\ 0.44\\ 0.44\\ 0.44\\ 0.44\\ 0.43\\ 0.43\\ 0.44\\$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.37\\ 1.55\\ 1.69\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.52\\ 1.62\\ 1.54\\ 1.52\\ 1.62\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\end{array}$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.89 1.25 1.04 1.24 0.63 0.51 1.70 0.68 2.07 0.68 2.07 0.63 4.18 0.66 0.75 1.36 | 1.30 1.32 1.32 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.38 1.31 1.57 1.87 1.52 1.70 1.30 0.93 1.53 1.19 1.33 2.25 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.33 1.08 1.23 1.22 1.43 1.58 1.93 1.54 1.71 1.33 0.95 2.51 1.21 1.24 2.29 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 1.86 2.15 2.36 2.15 2.25 2.76 2.30 2.36 2.15 2.25 2.76 2.30 2.36 2.13 3.18 3.18 3.18 3.18 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 1.94 2.28 1.94 2.28 1.95 1.94 2.50 3.21 2.27 2.33 3.70 2.40 2.41 2.28 1.88 1.88 | 0.68 0.66 1.01 0.77 0.57 1.40 0.71 0.57 0.71 0.37 0.46 0.11 0.55 0.71 0.55 0.71 0.55 0.71 0.75 1.20 0.71 0.75 0.71 0.75 0.20 0.71 0.55 0.51 0.55 0.51 0.55 0.51 0.55 0.51 0.55 0.51 0.55 0.51 0.55 0.55 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.33 0.48 0.12 0.57 -0.48 0.12 0.57 -0.48 0.12 0.57 -0.48 0.12 0.59 -0.48 0.12 0.59 -0.48 0.12 0.59 -0.48 0.12 0.59 -0.48 0.12 0.59 -0.48 0.12 0.59 -0.48 0.12 0.59 -0.48 0.12 0.59 -0.48 0.12 0.59 -0.48 0.12 0.59 -0.48 0.12 0.59 -0.48 0.12 0.59 -0.48 0.12 0.59 -0.48 0.12 0.57 -0.48 0.12 0.57 -0.48 0.59 -0.59 |
| 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 294 295 296 297 298 299 300 301 302 303 304 | 5/13/2014 | 14 14 14 14 14 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 17 17 17 | $\begin{array}{r} 30\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 32\\ 42\\ 48\\ 54\\ 0\\ 5\\ 13\\ 18\\ 24\\ 48\\ 54\\ 0\\ 5\\ 13\\ 18\\ 24\\ 36\\ 40\\ 46\\ 50\\ 55\\ 1\\ 1\\ 1\\ 30\\ 35\\ 35\\ 44\\ 44\\ 44\\ 44\\ 44\\ 44\\ 44\\ 44\\ 44\\ 4$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.24 0.20 0.27 0.22 0.21 0.22 0.21 0.22 0.22 0.22 0.22 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.50 \\ 0.43 \\ 0.38 \\ 0.30 \\ 0.42 \\ 0.38 \\ 0.30 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.42 \\ 0.29 \\ 0.66 \\ 0.30 \\ 0.34 \\ 0.47 \\ 0.81 \\ 0.47 \\ 0.81 \\ 0.47 \\ 0.81 \\ 0.47 \\ 0.81 \\ 0.$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.59\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.57\\ 1.42\\ 1.52\\ 1.58\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.60\\ 0.50\\$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.66 1.28 1.04 1.24 0.63 0.51 1.70 0.63 0.51 1.70 0.63 4.18 0.66 0.75 1.36 | 1.30 1.32 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.31 1.57 1.52 1.37 1.52 1.30 0.93 1.31 1.37 1.59 1.18 1.38 1.31 1.57 1.59 1.18 1.38 1.31 1.59 1.18 1.38 1.31 1.59 1.18 1.38 1.31 1.59 1.18 1.38 1.31 1.57 1.59 1.18 1.39 1.33 1.59 1.33 1.59 1.33 1.59 1.59 1.59 1.59 1.18 1.38 1.39 1.59 1.59 1.18 1.39 1.59 1.59 1.59 1.18 1.38 1.31 1.57 1.59 1.59 1.59 1.59 1.59 1.59 1.18 1.38 1.31 1.57 1.59 1.53 1.55 1 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.61 1.33 1.23 1.23 1.23 1.23 1.34 1.55 1.54 1.55 1.55 1.55 1.55 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 1.86 1.78 2.04 2.15 2.15 2.15 2.15 2.15 2.25 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 2.40 2.28 1.95 1.94 2.28 1.95 1.94 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.27 2.50 2.90 2.90 2.90 2.90 2.90 2.90 2.90 2.9 | 0.68 0.66 1.01 1.50 -0.57 1.40 1.50 -0.50 0.71 0.37 0.46 0.11 0.55 -0.51 0.71 0.51 0.71 0.51 0.71 0.71 0.71 0.71 0.71 0.71 0.75 -0.50 0.71 0.51 0.71 0.55 -0.50 0.71 0.77 0.37 0.37 0.37 0.37 0.37 0.37 0.37 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.39 0.48 0.12 0.57 -0.48 0.72 0.39 0.48 0.72 0.57 0.74 0.51 0.76 0.76 0.72 0.59 0.99 0.50 0.59 0.59 0.150 0.151 0.78 0.72 0.57 0.74 0.76 0.76 0.76 0.76 0.72 0.79 0.99 0.99 0.02 0.02 0.02 0.02 0.02 0.72 0.33 0.72 0.76 0.72 0.72 0.39 0.72 0.74 0.72 0.99 0.99 0.02 0.02 0.02 0.03 0.72 0.33 0.72 0.74 0.75 0.72 0.99 0.02 0.02 0.03 0.72 0.33 0.72 0.33 0.72 0.33 0.72 0.39 0.74 0.75 0.72 0.33 0.72 0.33 0.72 0.33 0.72 0.33 0.72 0.33 0.72 0.33 0.72 0.33 0.72 0.33 0.72 0.33 0.72 0.32 0.51 0.53 0.74 0.53 0.72 0.53 0.74 0.53 0.72 0.53 0.74 0.53 0.74 0.53 0.74 0.53 0.74 0.53 0.74 0.53 0.74 0.53 0.74 0.53 0.74 0.53 0.74 0.53 0.74 0.53 0.74 0.75 0. |
| 278 279 280 281 282 283 284 285 286 287 288 290 291 292 293 294 292 293 294 295 299 299 299 300 301 302 303 304 305 | 5/13/2014 | 14 14 14 14 14 15 15 15 15 15 15 16 16 16 16 16 16 16 16 17 17 17 17 17 | $\begin{array}{r} 30\\ 40\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 42\\ 42\\ 42\\ 48\\ 54\\ 40\\ 5\\ 13\\ 18\\ 24\\ 36\\ 40\\ 46\\ 50\\ 55\\ 5\\ 11\\ 5\\ 5\\ 11\\ 30\\ 35\\ 44\\ 53\\ 5\\ 5\\ 5\\ 11\\ 35\\ 44\\ 53\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.21 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.24 0.29 0.29 0.20 0.20 0.21 0.20 0.21 0.21 0.20 0.21 0.21 0.22 0.22 0.22 0.22 0.22 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.23 0.21 0.23 0.21 0.23 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.23 0.21 0.22 0.21 0.22 0.21 0.22 0.23 0.23 0.23 0.24 0.3 0.44 0.30 0.5 0.24 0.5 0.24 0.5 0.25 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.50 \\ 0.38 \\ 0.38 \\ 0.42 \\ 0.38 \\ 0.42 \\ 0.38 \\ 0.42 \\ 0.43 \\ 0.43 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.44 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.43 \\ 0.44 \\ 0.44 \\ 0.43 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.44 \\ 0.43 \\ 0.43 \\ 0.44 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.37\\ 1.55\\ 1.69\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.52\\ 1.62\\ 1.54\\ 1.52\\ 1.62\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.43\\ 1.46\\ 0.53\\ 1.42\\ 1.52\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.42\\ 1.45\\$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.89 1.25 1.04 1.24 0.63 0.51 1.70 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.51 1.44 0.58 0.75 1.44 0.58 0.75 1.44 0.66 0.75 1.25 0.66 0.75 1.25 0.66 0.75 0.66 0.75 0.66 0.75 0.66 0.75 0.66 0.75 0.66 0.75 0.66 0.75 0.66 0.75 0.66 0.75 0.66 0.75 0.66 0.75 0.66 0.75 0.66 0.75 0.66 0.75 0.66 0.75 0.66 0.75 0.66 0.75 0.66 0.75 0.66 0.75 0.70 0.68 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.66 0.75 0 | 1.30 1.32 1.32 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.38 1.31 1.57 1.87 1.52 1.70 1.30 0.93 1.53 1.19 1.33 1.53 1.19 1.34 1.35 1.19 1.38 1.31 1.38 1.31 1.57 1.59 1.19 1.38 1.38 1.31 1.57 1.59 1.19 1.38 1.38 1.31 1.57 1.59 1.19 1.38 1.38 1.38 1.31 1.57 1.59 1.19 1.38 1.38 1.38 1.31 1.57 1.57 1.59 1.59 1.19 1.38 1.38 1.31 1.57 1.57 1.59 1.59 1.19 1.18 1.38 1.38 1.31 1.57 1.52 1.70 1.33 1.53 1.19 1.33 1.53 1.19 1.33 1.53 1.19 1.33 1.53 1.19 1.33 1.53 1.19 1.33 1.53 1.19 1.33 1.53 1.19 1.33 1.53 1.19 1.33 1.19 1.33 1.55 1.19 1.39 1.39 1.39 1.39 1.39 1.39 1.39 1.39 1.18 1.39 1.19 1.39 1.19 1.39 1.19 1.39 1.19 1.39 1.39 1.39 1.39 1.30 1.39 1.30 1.30 1.30 1.30 1.30 1.33 1.19 1.33 1.48 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.33 1.02 1.22 1.43 1.53 1.22 1.43 1.54 1.58 1.93 1.54 1.71 1.33 1.55 2.51 1.21 1.24 1.24 1.58 1.59 2.51 1.24 1.24 1.58 1.58 1.59 2.51 1.24 1.58 1.54 1.58 1.58 1.54 1.54 1.58 1.54 1.58 1.54 1.54 1.54 1.58 1.54 1.54 1.54 1.54 1.55 1.54 1.55 1.54 1.55 1.54 1.55 1.55 1.54 1.55 1.55 1.55 1.55 1.54 1.55 1.54 1.54 1.54 1.54 1.54 1.54 1.54 1.54 1.54 1.54 1.54 1.54 1.54 1.54 1.54 1.54 1.54 1.55 1 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 1.86 2.15 1.86 2.15 2.36 2.15 2.76 2.30 2.36 2.15 2.76 2.30 2.36 2.15 2.36 2.15 2.76 2.30 2.36 2.15 2.76 2.30 2.36 2.36 2.36 2.36 2.36 2.36 2.36 2.36 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.28 1.95 1.94 2.28 1.95 3.21 2.27 2.33 3.70 2.40 2.41 2.28 1.95 1.94 2.90 3.21 2.27 2.41 2.28 3.70 2.40 2.41 2.28 3.70 2.40 2.41 2.41 2.28 3.70 3.71 2.41 2.41 2.41 2.41 2.41 2.41 2.41 2.4 | 0.68 0.66 1.01 0.77 0.57 1.40 0.71 0.57 0.71 0.37 0.46 0.11 0.55 0.71 0.55 0.71 0.55 0.71 0.75 1.20 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.55 0.50 0.71 0.55 0.50 0.71 0.55 0.50 0.51 0.55 0.50 0.50 0.51 0.55 0.50 0.50 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.39 0.48 0.12 0.57 -0.48 0.12 0.57 -0.48 0.12 0.57 -0.48 0.12 0.59 -0.48 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.57 -0.48 0.72 0.57 -0.48 0.72 0.57 -0.48 0.72 0.57 -0.48 0.72 0.57 -0.74 0.57 -0.74 0.57 -0.74 0.57 -0.72 0.57 -0.74 0.57 -0.72 0.57 -0.74 0.57 -0.76 -0.72 0.99 -0.02 -0.02 -0.15 -0.15 -0.15 -0.28 -0.12 0.59 -0.27 -0.12 0.59 -0.2 -0.12 0.53 -0.12 0.59 -0.2 -0.12 0.53 -0.12 0.53 -0.12 0.53 -0.12 0.53 -0.12 0.53 -0.12 0.53 -0.12 0.53 -0.12 0.53 -0.12 0.53 -0.12 0.53 -0.12 0.53 -0.12 0.53 -0.12 0.53 -0.12 0.53 -0.12 0.53 -0.12 0.53 -0.15 -0.12 |
| 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 294 295 296 297 298 299 300 301 302 303 304 305 | 5/13/2014 | 14 14 14 14 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 17 17 17 17 17 17 17 17 | $\begin{array}{r} 30\\ 40\\ 40\\ 54\\ -4\\ 10\\ 18\\ 24\\ -32\\ 42\\ 48\\ 54\\ -6\\ 50\\ -5\\ 13\\ 18\\ 24\\ -36\\ -5\\ 5\\ 13\\ 18\\ -24\\ -36\\ -5\\ 5\\ 11\\ -5\\ 5\\ 11\\ -5\\ -5\\ -5\\ -5\\ -5\\ -5\\ -5\\ -5\\ -5\\ -5$ | 0.24 0.24 0.21 0.20 0.20 0.27 0.22 0.18 0.21 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.21 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.50 \\ 0.43 \\ 0.38 \\ 0.30 \\ 0.42 \\ 0.38 \\ 0.30 \\ 0.44 \\ 0.42 \\ 0.41 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.42 \\ 0.29 \\ 0.66 \\ 0.30 \\ 0.34 \\ 0.47 \\ 0.81 \\ 0.47 \\ 0.81 \\ 0.48 \\ 0.$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.59\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.57\\ 1.42\\ 1.52\\ 1.58\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.42\\ 1.52\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.42\\ 1.52\\ 1.58\\$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.66 1.28 0.66 1.28 1.04 1.24 0.63 0.51 1.70 0.70 0.63 0.51 1.70 0.63 4.18 0.66 0.75 1.36 1.494 4.18 0.63 | 1.30 1.32 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.31 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.59 1.18 1.38 1.31 1.57 1.59 1.18 1.38 1.31 1.57 1.59 1.59 1.18 1.38 1.31 1.57 1.59 1.18 1.38 1.38 1.38 1.31 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.59 1.59 1.18 1.38 1.31 1.57 1.59 1.59 1.59 1.18 1.38 1.31 1.57 1.59 1.53 1.19 1.55 1.55 1.58 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.61 1.33 1.23 1.23 1.23 1.23 1.34 1.55 1.55 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 1.86 1.78 2.04 2.15 2.15 2.15 2.15 2.26 2.30 2.36 2.30 2.36 2.30 2.30 2.36 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 1.95 1.94 2.28 1.95 1.94 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.50 3.27 2.27 2.40 2.27 2.27 2.27 2.33 3.70 2.40 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.33 3.70 2.40 2.40 2.41 2.27 2.40 2.40 2.40 2.40 2.41 2.27 2.40 2.40 2.41 2.27 2.40 2.40 2.40 2.41 2.27 2.40 2.40 2.40 2.41 2.27 2.40 2.40 2.40 2.41 2.27 2.40 2.40 2.40 2.41 2.27 2.40 2.40 2.40 2.41 2.27 2.40 2.41 2.27 2.40 2.41 2.28 3.70 2.40 2.41 2.27 2.40 2.41 2.23 3.70 2.44 2.23 3.70 2.44 2.23 3.72 3.40 2.41 2.23 3.74 2.44 2.23 3.74 2.44 2.23 3.74 2.44 2.23 3.74 2.44 2.23 3.74 2.44 2.23 3.74 2.44 2.23 3.74 2.44 2.23 3.74 2.44 2.23 3.74 2.44 2.23 3.74 3.74 3.74 2.44 2.23 3.74 3.74 3.74 3.74 3.74 3.74 3.74 3.7 | 0.68 0.66 1.01 1.50 -0.57 1.40 1.50 -0.50 0.71 0.37 0.46 0.11 0.55 -0.51 0.71 0.51 0.71 0.51 0.71 0.71 0.71 0.71 0.71 0.71 0.71 0.7 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.39 0.48 0.72 0.57 0.74 0.51 0.76 0.74 0.51 0.76 0.72 0.99 0.99 -0.02 -0.12 0.83 0.41 0.32 1.59 0.59 0.59 0.59 0.59 0.59 0.59 0.48 0.72 0.57 0.74 0.72 0.76 0.72 0.99 0.99 0.02 0.02 0.02 0.02 0.57 0.72 0.75 0.72 0.75 0.72 0.75 0.72 0.72 0.75 0.72 0.75 0.72 0.75 0.72 0.75 0.72 0.72 0.72 0.72 0.72 0.53 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.57 0.72 0.57 0.5 |
| 278 279 280 281 282 283 284 285 286 285 288 289 290 291 292 293 294 292 293 294 295 294 295 297 298 299 300 301 302 303 303 304 | 5/13/2014 | 14 14 14 14 14 14 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 17 17 17 17 | $\begin{array}{c} 30\\ 40\\ -40\\ 54\\ -4\\ 10\\ 18\\ -24\\ -42\\ -42\\ -42\\ -42\\ -42\\ -42\\ -42$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.23 0.23 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.23 0.23 0.23 0.23 0.21 0.22 0.23 0.23 0.23 0.21 0.22 0.24 0.22 0.25 0.22 0.22 0.18 0.22 0.18 0.22 0.18 0.22 0.18 0.22 0.18 0.22 0.18 0.22 0.22 0.18 0.22 0.22 0.22 0.22 0.22 0.22 0.22 0.2 | $\begin{array}{c} 0.46\\ 0.47\\ 0.42\\ 0.41\\ 0.41\\ 0.50\\ 0.38\\ 0.38\\ 0.42\\ 0.38\\ 0.42\\ 0.38\\ 0.42\\ 0.43\\ 0.43\\ 0.43\\ 0.44\\ 0.42\\ 0.44\\ 0.43\\ 0.43\\ 0.43\\ 0.43\\ 0.43\\ 0.43\\ 0.43\\ 0.43\\ 0.43\\ 0.43\\ 0.43\\ 0.43\\ 0.43\\ 0.43\\ 0.43\\ 0.43\\ 0.43\\ 0.30\\ 0.30\\ 0.34\\ 0.37\\ 0.81\\ 0.37\\$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.37\\ 1.55\\ 1.69\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.52\\ 1.62\\ 1.62\\ 1.58\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.42\\ 1.74\\ 1.74\\ 1.74\\ 1.74\\ 1.74\\ 1.74\\ 1.62\\$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.89 1.25 1.04 1.24 0.63 0.51 1.70 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.75 1.34 4.48 0.75 0 | $\begin{array}{c} 1.30\\ 1.32\\ 1.32\\ 1.39\\ 1.49\\ 2.25\\ 2.12\\ 1.09\\ 1.59\\ 1.60\\ 1.31\\ 1.05\\ 1.19\\ 1.31\\ 1.05\\ 1.19\\ 1.38\\ 1.31\\ 1.38\\ 1.31\\ 1.57\\ 1.87\\ 1.52\\ 1.70\\ 1.30\\ 0.93\\ 1.53\\ 1.19\\ 1.33\\ 2.25\\ 3.53\\ 1.48\\ 1.33\\ 1.48\\ 1.33\\ 1.48\\ 1.33\\ 1.48\\ 1.33\\ 1.48\\ 1.33\\ 1.33\\ 1.48\\ 1.33\\ 1.33\\ 1.48\\ 1.33\\$ | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.63 1.64 1.33 1.22 1.43 1.58 1.93 1.54 1.71 1.33 0.95 2.51 1.24 2.29 5.22 1.54 1.34 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 1.86 2.15 2.36 2.15 2.36 2.15 2.25 2.76 2.30 2.36 2.15 2.36 2.30 2.36 2.15 2.36 2.30 2.36 2.36 2.36 2.36 2.36 2.36 2.36 2.36 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.95 3.21 2.27 2.33 3.70 2.40 2.41 2.28 1.95 3.21 2.27 2.40 2.40 2.41 2.28 3.70 2.40 2.41 2.28 3.70 2.40 2.41 2.28 3.70 2.40 2.41 2.28 3.70 3.21 2.29 3.21 2.41 2.28 3.70 3.21 2.28 3.70 3.21 2.28 3.70 3.21 2.28 3.70 3.21 2.28 3.70 3.21 2.28 3.70 3.21 3.70 3.21 2.28 3.70 3.21 2.28 3.70 3.21 2.28 3.70 3.21 3.70 3.21 2.28 3.70 3.21 2.28 3.70 3.21 2.28 3.70 3.21 2.28 3.70 3.70 3.21 2.28 3.70 3.70 3.21 2.28 3.70 3.70 3.20 3.21 2.28 3.70 3.70 3.20 3.20 3.20 3.20 3.20 3.20 3.20 3.2 | 0.68 0.66 1.01 0.77 0.57 1.40 0.71 0.57 0.71 0.37 0.46 0.11 0.55 0.71 0.55 0.71 0.55 0.71 0.75 1.20 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.55 0.71 0.71 0.75 0.71 0.71 0.75 0.71 0.71 0.75 0.71 0.75 0.71 0.71 0.55 0.71 0.71 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.39 0.48 0.12 0.57 -0.74 0.57 -0.74 0.57 -0.74 0.57 -0.74 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.59 -0.48 0.72 0.57 -0.48 0.72 0.57 -0.48 0.72 0.57 -0.48 0.72 0.57 -0.48 0.72 0.57 -0.74 0.57 -0.74 0.57 -0.74 0.57 -0.74 0.57 -0.74 0.57 -0.74 0.57 -0.74 0.57 -0.74 0.57 -0.72 0.57 -0.74 0.57 -0.74 0.72 0.75 -0.74 0.72 0.75 -0.74 0.72 0.75 -0.74 0.72 0.75 -0.74 0.72 0.75 -0.72 0.75 -0.72 0.75 -0.72 0.75 -0.72 0.57 -0.72 0.57 -0.72 0.57 -0.72 0.57 -0.72 -0.12 0.53 0.74 -0.12 0.53 0.74 -0.12 0.53 0.75 -0.12 0.53 0.75 -0.12 0.53 0.75 -0.12 0.53 0.75 -0.12 0.55 -0.12 0.55 -0.12 0.55 -0.12 0.55 -0.12 0.55 -0.12 -0.12 0.55 -0.12 -0.12 -0.12 -0.15 - |
| 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 294 295 295 296 297 298 299 300 301 302 303 304 305 307 | 5/13/2014 | 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 17 17 17 17 | $\begin{array}{c} 30\\ 40\\ -40\\ 54\\ -4\\ 10\\ 18\\ -24\\ -32\\ -42\\ -48\\ -54\\ -5\\ -13\\ -8\\ -5\\ -13\\ -8\\ -5\\ -5\\ -13\\ -8\\ -5\\ -5\\ -1\\ -5\\ -5\\ -1\\ -5\\ -5\\ -1\\ -5\\ -5\\ -1\\ -5\\ -5\\ -1\\ -5\\ -5\\ -2\\ -2\\ -2\\ -2\\ -2\\ -2\\ -2\\ -2\\ -2\\ -2$ | 0.24 0.24 0.21 0.20 0.20 0.27 0.22 0.18 0.14 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.21 0.25 0.21 0.25 0.21 0.27 0.22 0.21 0.22 0.21 0.22 0.22 0.21 0.22 0.22 0.21 0.22 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.21 0.25 0.21 0.3 0.41 0.13 0.41 0.13 0.24 0.59 0.25 0.25 0.24 0.24 0.59 0.25 0.25 0.25 0.24 0.39 0.25 0.25 0.24 0.39 0.25 0.25 0.24 0.39 0.25 0.25 0.24 0.39 0.25 0.09 0.09 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.50 \\ 0.43 \\ 0.38 \\ 0.38 \\ 0.30 \\ 0.42 \\ 0.38 \\ 0.30 \\ 0.44 \\ 0.42 \\ 0.41 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.42 \\ 0.29 \\ 0.66 \\ 0.30 \\ 0.34 \\ 0.47 \\ 0.66 \\ 0.30 \\ 0.34 \\ 0.47 \\ 0.81 \\ 0.48 \\ 0.37 \\ 0.21 \\ 0.21 \\ 0.21 \\ 0.22 \\ 0.22 \\ 0.22 \\ 0.22 \\ 0.22 \\ 0.23 \\ 0.34 \\ 0.47 \\ 0.37 \\ 0.21 \\ 0.$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.59\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.57\\ 1.42\\ 1.52\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.42\\ 1.58\\ 1.28\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.42\\ 1.74\\ 1.28\\ 1.58\\ 1.28\\ 1.58\\$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.66 1.28 0.66 1.28 0.69 1.25 1.04 1.24 0.63 0.51 1.70 0.70 0.68 2.07 0.70 0.63 4.18 0.66 0.75 1.36 0.39 0.39 0.29 | 1.30 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.31 1.57 1.87 1.52 1.70 1.30 0.93 1.53 1.19 1.33 2.25 3.53 1.48 1.33 1.25 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.33 1.23 1.23 1.23 1.23 1.34 1.58 1.34 1.59 2.51 1.34 2.29 5.22 1.51 1.34 1.34 1.34 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.15 2.15 2.15 2.15 2.15 2.15 2.15 | 2.71 2.32 2.90 1.94 3.75 2.28 2.40 2.28 1.94 2.28 1.95 1.94 2.28 1.95 1.94 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.28 1.98 2.09 3.22 7.44 2.28 1.98 2.09 3.23 7.44 2.45 2.05 1.88 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 0.71 0.50 0.71 0.55 0.71 0.55 0.71 0.51 0.75 1.20 0.71 0.75 1.20 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.57 0.77 0.57 0.77 0.57 0.57 0.57 0.57 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.72 0.39 0.48 0.12 0.57 -0.74 0.51 0.76 1.23 0.72 0.99 -0.02 -0.12 0.83 0.41 0.32 1.59 0.59 0.59 0.59 -0.10 -0.48 -0.48 -0.78 -0.48 -0.48 -0.78 -0.48 -0.78 -0.78 -0.78 -0.48 -0.78 -0.78 -0.48 -0.76 -0.72 -0.99 -0.02 -0.12 -0.57 -0.12 -0.57 -0.12 -0.72 -0.12 -0.72 -0.12 -0.57 -0.12 -0.57 -0.12 -0.57 -0.12 -0.72 -0.12 -0.12 -0.57 -0.12 -0.57 -0.12 -0.57 -0.12 -0.57 -0.12 -0.57 -0.12 -0.57 -0.12 -0.57 -0.12 -0.57 -0.12 -0.57 -0.12 -0.57 -0.12 -0.12 -0.12 -0.12 -0.12 -0.12 -0.12 -0.12 -0.12 -0.12 -0.57 -0.12 -0.57 |
| 278 279 280 281 282 283 284 285 286 285 288 289 290 291 292 293 294 295 294 295 294 295 295 299 300 301 302 303 303 304 305 306 307 308 | 5/13/2014 5/13/2 | 14 14 14 14 14 14 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16 17 17 17 17 17 17 17 17 | $\begin{array}{c} 30\\ 40\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 42\\ 42\\ 42\\ 48\\ 54\\ 40\\ 5\\ 13\\ 18\\ 24\\ 36\\ 40\\ 46\\ 50\\ 55\\ 5\\ 11\\ 1\\ 30\\ 35\\ 44\\ 43\\ 50\\ 0\\ 111\\ 17\end{array}$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.27 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.22 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.41 \\ 0.50 \\ 0.38 \\ 0.42 \\ 0.38 \\ 0.42 \\ 0.38 \\ 0.42 \\ 0.43 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.44 \\ 0.43 \\ 0.48 \\ 0.48 \\ 0.48 \\ 0.37 \\ 0.21 \\ 0.21 \\ 0.7$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.37\\ 1.55\\ 1.69\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.52\\ 1.62\\ 1.62\\ 1.54\\ 1.52\\ 1.62\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.03\\ 1.42\\ 1.74\\ 1.28\\ 1.74\\ 1.28\\ 1.74\\ 1.28\\ 1.74\\ 1.28\\ 1.74\\ 1.28\\ 1.74\\ 1.28\\ 1.74\\ 1.28\\ 1.74\\ 1.28\\ 1.74\\ 1.74\\ 1.28\\ 1.74\\ 1.74\\ 1.74\\ 1.74\\ 1.83\\ 1.74\\$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.66 1.28 0.66 1.28 0.65 1.25 1.04 1.24 0.63 0.51 1.70 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.75 1.34 0.68 2.07 0.75 1.34 0.69 0.75 1.35 1.44 0.51 1.44 0.51 1.44 0.51 1.44 0.51 1.55 1.55 1.04 1.55 1.04 1.55 1.70 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.68 2.07 0.63 4.18 0.66 0.75 1.36 0.75 1.36 0.75 1.36 0.75 1.36 0.75 0 | $\begin{array}{c} 1.30\\ 1.32\\ 1.32\\ 1.38\\ 1.39\\ 1.49\\ 2.25\\ 2.12\\ 1.09\\ 1.59\\ 1.60\\ 1.31\\ 1.05\\ 1.19\\ 1.31\\ 1.05\\ 1.19\\ 1.38\\ 1.31\\ 1.38\\ 1.31\\ 1.57\\ 1.87\\ 1.52\\ 1.70\\ 1.30\\ 0.93\\ 1.53\\ 1.19\\ 1.33\\ 2.25\\ 3.53\\ 1.48\\ 1.33\\ 1.25\\ 0.88\\ 1.33\\ 1.25\\ 0.88\\ 1.23\\ 1.25\\ 1.25\\ 1.25\\$ | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.33 1.24 1.61 1.33 1.22 1.43 1.58 1.93 1.54 1.71 1.33 0.95 2.51 1.24 2.29 5.22 1.51 1.34 1.26 0.90 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.30 2.15 2.25 2.76 2.30 2.36 2.30 2.36 2.36 3.90 2.36 2.39 2.36 2.39 2.36 2.39 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.36 2.36 2.36 2.36 2.36 2.36 2.36 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.20 3.21 2.27 2.33 3.70 2.40 2.41 2.28 1.94 2.90 3.21 2.27 2.33 3.70 2.40 2.41 2.28 1.94 2.50 3.21 2.27 2.33 3.70 2.40 2.41 2.28 1.94 2.50 3.21 2.20 3.21 2.20 3.21 2.40 2.40 2.40 2.40 2.40 2.40 2.40 2.40 | 0.68 0.66 1.01 0.77 0.57 1.40 0.57 1.50 0.71 0.57 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.75 1.20 0.71 0.75 1.20 0.71 0.75 0.71 0.55 0.51 0.55 0.51 0.55 0.50 0.51 0.55 0.50 0.51 0.55 0.50 0.51 0.55 0.50 0.51 0.55 0.50 0.55 0.50 0.55 0.50 0.55 0.50 0.55 0 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 0.72 0.72 0.74 0.57 0.74 0.57 0.75 0.75 0.75 0.75 0.75 0.75 0.72 0.75 0.72 0.75 0.72 0.75 0.72 0.75 0.75 0.75 0.72 0.75 0.75 0.72 0.72 0.75 0.75 0.75 0.72 0.72 0.75 0 |
| 278 279 280 281 282 283 284 285 286 287 288 289 290 290 291 292 293 294 295 295 296 297 298 299 300 301 302 303 304 305 305 306 307 308 | 5/13/2014 | 14 14 14 15 15 15 15 15 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 17 17 17 17 17 17 17 17 | $\begin{array}{c} 30\\ 40\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 32\\ 42\\ 48\\ 54\\ 0\\ 5\\ 13\\ 18\\ 24\\ 48\\ 54\\ 6\\ 50\\ 13\\ 18\\ 24\\ 46\\ 50\\ 55\\ 11\\ 11\\ 30\\ 35\\ 55\\ 11\\ 11\\ 30\\ 35\\ 53\\ 0\\ 11\\ 11\\ 17\\ 20\\ \end{array}$ | 0.24 0.24 0.21 0.20 0.20 0.27 0.22 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.25 0.23 0.21 0.21 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.50 \\ 0.43 \\ 0.38 \\ 0.38 \\ 0.30 \\ 0.42 \\ 0.38 \\ 0.30 \\ 0.44 \\ 0.42 \\ 0.41 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.42 \\ 0.29 \\ 0.66 \\ 0.30 \\ 0.34 \\ 0.47 \\ 0.66 \\ 0.30 \\ 0.34 \\ 0.47 \\ 0.66 \\ 0.37 \\ 0.66 \\ 0.37 \\ 0.61 \\ 0.47 \\ 0.61 \\ 0.7 \\ 0.21 \\ 0.27 \\ 0.2$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.59\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.57\\ 1.42\\ 1.52\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.46\\ 0.53\\ 1.44\\ 1.58\\ 1.93\\ 1.46\\ 0.53\\ 1.44\\ 1.93\\ 1.46\\ 0.53\\ 1.42\\ 1.74\\ 1.28\\ 1.28\\ 1.74\\$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.66 1.28 0.66 1.28 0.66 1.28 0.66 1.28 0.66 0.75 1.04 1.24 0.63 0.51 1.70 0.70 0.63 4.18 0.66 0.75 1.36 1.70 0.70 0.63 4.18 0.63 0.75 1.36 1.70 0.70 0.63 1.70 0.75 0.66 0.75 1.70 0.70 0.70 0.70 0.70 0.75 0.66 0.75 1.70 0.70 0.70 0.70 0.75 0.63 1.36 1.36 0.75 0.63 1.36 1.36 0.75 0.63 0.75 0.63 0.75 0.63 0.75 0.63 0.75 0.63 0.75 0.63 0.75 0.64 0.75 0.63 0.75 0.63 0.75 0.64 0.75 0.63 0.75 0.64 0.75 0.64 0.75 0.64 0.75 0.75 0.64 0.75 0.75 0.64 0.75 0.75 0.64 0.75 0.75 0.64 0.75 0.75 0.64 0.75 0.75 0.64 0.75 0.75 0.64 0.75 0.63 0.75 0.75 0.64 0.75 0.75 0.64 0.75 0.75 0.75 0.64 0.75 0 | $\begin{array}{c} 1.30\\ 1.32\\ 1.32\\ 1.58\\ 1.39\\ 1.49\\ 2.25\\ 2.12\\ 1.09\\ 1.59\\ 1.69\\ 1.59\\ 1.69\\ 1.31\\ 1.05\\ 1.19\\ 1.18\\ 1.38\\ 1.31\\ 1.57\\ 1.52\\ 1.70\\ 1.30\\ 0.93\\ 1.53\\ 1.19\\ 1.33\\ 2.25\\ 3.53\\ 1.19\\ 1.33\\ 1.25\\ 3.53\\ 1.48\\ 1.33\\ 1.25\\ 0.89\\ 0.76\\ 0.75\\$ | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.33 1.23 1.23 1.23 1.23 1.23 1.24 1.58 1.34 1.58 1.54 1.57 2.51 1.34 2.29 5.22 1.51 1.34 1.26 1.26 1.26 1.26 1.26 1.27 1.28 1.23 1.22 1.34 1.58 1.54 1.58 1.54 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.15 2.15 2.15 2.15 2.15 2.15 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.15 2.32 2.30 2.36 2.36 2.30 2.36 2.36 2.30 2.36 2.36 2.36 2.30 2.36 2.36 2.36 2.36 2.36 2.36 2.36 2.36 | 2.71 2.32 2.90 1.94 3.75 2.28 2.40 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.28 1.94 2.90 3.21 2.90 2.40 2.41 2.27 2.40 2.40 2.41 2.27 2.40 2.40 2.41 2.27 2.40 2.40 2.40 2.27 2.40 2.27 2.40 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.27 2.40 2.40 2.27 2.40 2.27 2.40 2.40 2.27 2.40 2.40 2.40 2.40 2.40 2.40 2.40 2.40 | $\begin{array}{c} 0.68\\ 0.66\\ 1.01\\ 1.01\\ 0.77\\ 0.57\\ 1.40\\ 1.50\\ 0.71\\ 0.37\\ 0.46\\ 0.71\\ 0.55\\ \hline 0.71\\ 0.55\\ \hline 0.71\\ 0.51\\ 0.75\\ 1.20\\ 0.71\\ 1.58\\ -0.05\\ -0.13\\ 0.67\\ 0.40\\ 0.31\\ 1.58\\ 2.60\\ 0.56\\ 0.18\\ 0.65\\ 0.08\\ 0.08\\ 0.08\\ \hline 0.08\\ 0.08\\ \hline 0.08\\ 0.08\\ 0.08\\ \hline 0.08\\$ | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 0.72 0.39 0.48 0.12 0.57 0.74 0.51 0.76 1.23 0.72 0.99 -0.02 -0.12 0.83 0.41 0.32 1.59 0.59 0.41 0.75 0.59 0.59 0.59 0.48 0.72 0.59 0.59 0.59 0.59 0.59 0.59 0.59 0.59 0.59 0.59 0.59 0.59 0.59 0.59 0.59 0.59 0.59 0.59 0.48 0.72 0.57 0.74 0.72 0.57 0.74 0.72 0.57 0.74 0.72 0.99 0.02 0.02 0.02 0.02 0.72 0.99 0.02 0.012 0.032 0.72 0.99 0.02 0.012 0.032 0.72 0.99 0.012 0.032 0.012 0.057 0.012 0.032 0.012 0.048 0.076 0.076 0.076 0.076 0.076 0.076 0.072 0.099 0.012 0.057 0.012 0.057 0.012 0.057 0.012 0.057 0.012 0.057 0.012 0.057 0.012 0.057 0.012 0.057 0.012 0.057 0.012 0.057 0.012 0.057 0.012 0.057 0.012 0.057 0.012 0.057 0.012 0.057 0.012 0.057 0.012 0.02 0.012 0.02 0.012 0.057 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.041 0.057 0.058 0.0 |
| 278 279 280 281 282 283 284 285 286 285 288 288 289 290 291 292 293 294 292 293 294 295 299 299 299 300 301 302 303 303 304 305 306 309 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 | 14 14 14 15 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 17 17 17 17 17 17 17 17 17 17 | $\begin{array}{r} 30\\ 40\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 42\\ 42\\ 42\\ 48\\ 54\\ 40\\ 5\\ 5\\ 13\\ 18\\ 24\\ 40\\ 46\\ 50\\ 55\\ 5\\ 11\\ 30\\ 6\\ 55\\ 11\\ 35\\ 44\\ 45\\ 55\\ 11\\ 10\\ 30\\ 11\\ 17\\ 20\\ \end{array}$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.27 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.21 0.25 0.23 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.22 | $\begin{array}{c} 0.46\\ 0.47\\ 0.42\\ 0.41\\ 0.41\\ 0.50\\ 0.38\\ 0.38\\ 0.42\\ 0.38\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.42\\ 0.44\\ 0.43\\ 0.43\\ 0.43\\ 0.43\\ 0.43\\ 0.45\\ 0.45\\ 0.29\\ 0.29\\ 0.29\\ 0.30\\ 0.34\\ 0.42\\ 0.29\\ 0.29\\ 0.30\\ 0.34\\ 0.43\\ 0.43\\ 0.37\\ 0.27\\ 0.38\\ 0.33\\$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.37\\ 1.55\\ 1.69\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.52\\ 1.62\\ 1.62\\ 1.58\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.42\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.42\\ 1.74\\ 2.18\\ 2.01\\ 1.70\\ 1.70\\ 1.70\\ 1.70\\ 1.70\\ 1.62\\$ | $\begin{array}{c} 0.91\\ 0.84\\ 0.76\\ 0.61\\ 1.02\\ 1.44\\ 1.46\\ 0.58\\ 0.75\\ 0.66\\ 1.28\\ 0.89\\ 1.25\\ 1.04\\ 1.24\\ 0.63\\ 0.51\\ 1.70\\ 0.70\\ 0.63\\ 2.07\\ 0.63\\ 4.18\\ 0.66\\ 0.75\\ 1.36\\ 0.66\\ 0.75\\ 1.36\\ 0.66\\ 0.75\\ 1.36\\ 0.66\\ 0.75\\ 0.63\\ 1.348\\ 0.66\\ 0.75\\ 0.75\\ 0.58\\ 0.35\\ 0.29\\ 0.29\\ 0.48\\ 0.58$ | $\begin{array}{c} 1.30\\ 1.32\\ 1.32\\ 1.38\\ 1.39\\ 1.49\\ 2.25\\ 2.12\\ 1.09\\ 1.59\\ 1.60\\ 1.31\\ 1.05\\ 1.19\\ 1.31\\ 1.05\\ 1.19\\ 1.38\\ 1.31\\ 1.57\\ 1.87\\ 1.52\\ 1.70\\ 1.30\\ 1.9\\ 1.33\\ 1.53\\ 1.19\\ 1.33\\ 1.53\\ 1.19\\ 1.33\\ 1.25\\ 3.53\\ 1.48\\ 1.33\\ 1.25\\ 0.89\\ 0.78\\ $ | $\begin{array}{c} 1.34\\ 1.36\\ 1.63\\ 1.40\\ 2.47\\ 2.40\\ 2.17\\ 1.10\\ 1.61\\ 1.61\\ 1.61\\ 1.61\\ 1.61\\ 1.61\\ 1.23\\ 1.23\\ 1.23\\ 1.23\\ 1.54\\ 1.23\\ 1.54\\ 1.71\\ 1.33\\ 0.95\\ 2.51\\ 1.21\\ 1.34\\ 2.29\\ 5.22\\ 1.51\\ 1.21\\ 1.34\\ 1.26\\ 0.90\\ 0.79\\$ | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.76 2.30 2.32 2.14 1.83 3.94 2.95 3.90 2.36 2.00 1.84 1.49 1.49 1.49 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.20 3.21 2.27 2.33 3.70 2.40 2.28 1.94 2.50 3.21 2.27 2.33 3.70 2.40 2.41 2.28 1.94 2.28 1.94 2.45 2.09 3.23 7.44 2.28 1.98 2.09 3.23 7.44 2.45 1.98 2.09 3.23 7.44 2.45 1.98 2.09 3.23 7.44 2.45 1.98 2.09 1.94 2.45 1.94 2.40 2.40 2.40 2.40 2.40 2.40 2.40 2.4 | $\begin{array}{c} 0.68\\ 0.66\\ 1.01\\ 0.77\\ 0.57\\ 1.40\\ 1.50\\ -0.50\\ 0.71\\ 0.37\\ 0.46\\ 0.11\\ 0.55\\ -0.50\\ 0.71\\ 0.55\\ 1.20\\ 0.71\\ 0.55\\ 1.20\\ 0.71\\ 0.51\\ 0.75\\ 1.20\\ 0.71\\ 1.58\\ 2.60\\ 0.65\\ 0.18\\ 0.65\\ 0.08\\ 0.09\\ \end{array}$ | $\begin{array}{c} 0.70\\ 0.67\\ 1.03\\ 0.78\\ 0.59\\ 1.50\\ 1.51\\ -0.48\\ 0.12\\ 0.72\\ 0.79\\ 0.74\\ 0.51\\ 0.76\\ 1.23\\ 0.76\\ 1.23\\ 0.76\\ 1.23\\ 0.76\\ 1.23\\ 0.76\\ 1.23\\ 0.76\\ 1.23\\ 0.57\\ 0.19\\ 0.68\\ 0.10\\ 0.088\\ 0.10\\ 0.0$ |
| 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 308 309 310 | 5/13/2014 | 14 14 14 15 15 15 15 15 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 17 17 17 17 17 17 17 17 17 | $\begin{array}{r} 30\\ 40\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 32\\ 42\\ 48\\ 54\\ 0\\ 5\\ 13\\ 18\\ 24\\ 48\\ 54\\ 40\\ 46\\ 50\\ 55\\ 11\\ 30\\ 35\\ 5\\ 11\\ 30\\ 35\\ 5\\ 11\\ 17\\ 20\\ 0\\ 24\\ \end{array}$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.25 0.23 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.22 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.50 \\ 0.43 \\ 0.38 \\ 0.38 \\ 0.30 \\ 0.42 \\ 0.38 \\ 0.30 \\ 0.44 \\ 0.42 \\ 0.41 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.45 \\ 0.30 \\ 0.30 \\ 0.34 \\ 0.47 \\ 0.21 \\ 0.37 \\ 0.21 \\ 0.27 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.27 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.27 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.38 \\ 0.37 \\ 0.38 \\ 0.38 \\ 0.37 \\ 0.38 \\ 0.38 \\ 0.37 \\ 0.38 \\ 0.38 \\ 0.37 \\ 0.38 \\ 0.$ | 1.48 1.46 1.60 1.62 1.63 1.37 1.55 1.69 1.59 1.71 1.92 1.54 1.59 1.60 1.54 1.52 1.60 1.54 1.57 1.42 1.52 1.58 1.93 1.83 1.42 1.53 1.93 1.83 1.42 1.73 1.83 1.93 1.83 1.42 1.74 2.18 2.01 1.70 1.56 | $\begin{array}{c} 0.91\\ 0.84\\ 0.76\\ 0.61\\ 1.02\\ 1.44\\ 1.46\\ 0.58\\ 0.75\\ 0.66\\ 1.28\\ 0.75\\ 0.66\\ 1.28\\ 0.69\\ 1.22\\ 1.04\\ 1.24\\ 0.63\\ 0.51\\ 1.70\\ 0.70\\ 0.63\\ 4.18\\ 0.66\\ 0.75\\ 1.36\\ 0.63\\ 1.4.94\\ 3.48\\ 0.39\\ 0.29\\ 0.48\\ 0.58\\ 0.6$ | 1.30 1.32 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.31 1.57 1.52 1.70 1.30 0.93 1.53 1.19 1.33 2.25 3.53 1.48 1.33 1.25 3.53 1.48 1.33 1.25 3.53 1.48 1.33 1.25 3.53 1.48 1.33 1.25 3.53 1.48 1.33 1.25 1.59 1.60 1.59 1.60 1.59 1.60 1.59 1.60 1.59 1.60 1.31 1.59 1.60 1.31 1.57 1.59 1.60 1.31 1.57 1.59 1.59 1.60 1.31 1.57 1.59 1.59 1.59 1.60 1.31 1.57 1.59 1.59 1.18 1.38 1.31 1.57 1.59 1.59 1.59 1.59 1.59 1.18 1.33 1.25 1.59 1.59 1.59 1.59 1.18 1.33 1.57 1.59 1.59 1.59 1.59 1.59 1.59 1.18 1.57 1.59 | $\begin{array}{c} 1.34\\ 1.36\\ 1.63\\ 1.63\\ 1.40\\ 1.57\\ 2.40\\ 2.17\\ 1.10\\ 1.61\\ 1.33\\ 1.08\\ 1.23\\ 1.23\\ 1.23\\ 1.23\\ 1.23\\ 1.23\\ 1.34\\ 1.58\\ 1.34\\ 1.58\\ 1.34\\ 1.58\\ 1.93\\ 1.54\\ 1.71\\ 1.33\\ 0.95\\ 2.51\\ 1.34\\ 1.22\\ 1.51\\ 1.34\\ 1.26\\ 0.90\\ 0.79\\ 1.70\\ 0.79\\ 1.70\\ 0.79\\ 1.70\\$ | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.15 2.15 2.15 2.15 2.15 2.15 2.15 | 2.71 2.32 2.90 1.94 3.75 2.28 2.40 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.28 1.88 1.98 2.09 3.23 7.74 2.45 2.05 1.54 1.54 1.54 2.38 | $\begin{array}{c} 0.68\\ 0.66\\ 1.01\\ 1.0\\ 1.0\\ 0.77\\ 0.57\\ 1.40\\ 1.50\\ 0.71\\ 0.57\\ 0.46\\ 0.71\\ 0.37\\ 0.46\\ 0.71\\ 0.55\\ \hline 0.71\\ 0.55\\ \hline 0.71\\ 0.51\\ 0.75\\ 1.20\\ 0.71\\ 0.9\\ 1.20\\ 0.67\\ 0.05\\ -0.13\\ 0.67\\ 0.40\\ 0.31\\ 1.58\\ 2.60\\ 0.56\\ 0.18\\ 0.65\\ 0.08\\ 0.09\\ 0.09\\ 1.00\\ \hline \end{array}$ | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 0.72 0.39 0.48 0.12 0.57 0.74 0.51 0.76 1.23 0.72 0.99 -0.02 -0.12 0.83 0.41 0.32 1.59 0.57 0.19 0.67 0.72 0.99 -0.02 -0.12 0.57 0.12 0.57 0.10 0.74 0.75 0.72 0.99 0.012 0.57 0.75 0.75 0 |
| 278 279 280 281 282 283 284 285 286 285 288 289 290 291 292 293 294 292 293 294 295 299 299 299 299 300 301 302 303 303 304 305 306 307 309 311 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 | 14 14 14 15 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 17 17 17 17 17 17 17 7 7 7 | $\begin{array}{r} 30\\ 40\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 42\\ 42\\ 42\\ 48\\ 54\\ 40\\ 5\\ 5\\ 13\\ 18\\ 24\\ 40\\ 40\\ 46\\ 50\\ 55\\ 5\\ 11\\ 30\\ 6\\ 50\\ 55\\ 11\\ 1\\ 30\\ 35\\ 44\\ 43\\ 53\\ 0\\ 111\\ 17\\ 20\\ 24\\ 58\\ 8\end{array}$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.27 0.22 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.21 0.22 0.18 0.24 0.29 0.21 0.22 0.18 0.22 0.18 0.22 0.18 0.22 0.18 0.22 0.18 0.22 0.18 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.24 0.59 0.22 0.17 0.09 0.12 0.15 0.12 0.12 0.12 0.12 0.12 0.12 0.15 0.12 0.12 0.12 0.12 0.15 0.12 0.12 0.15 0.12 0.15 0.12 0.12 0.15 0.12 0.15 0.12 0.15 0.12 0.15 0.12 0.15 0.12 0.15 0.12 0.15 0.12 0.15 0.12 0.15 0.12 0.15 0.12 0.15 0.15 0.15 0.15 0.12 0.15 0 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.51 \\ 0.52 \\ 0.38 \\ 0.42 \\ 0.38 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.43 \\ 0.45 \\ 0.$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.37\\ 1.55\\ 1.69\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.52\\ 1.62\\ 1.62\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.42\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.44\\ 2.18\\ 1.44\\ 2.18\\ 1.44\\ 2.18\\ 2.01\\ 1.70\\ 1.56\\ 1.83\\ 1.42\\ 1.74\\ 1.70\\ 1.56\\ 1.83\\ 1.83\\ 1.42\\ 1.74\\ 1.70\\ 1.56\\ 1.83\\ 1.83\\ 1.83\\ 1.42\\ 1.74\\ 1.76\\ 1.83\\$ | $\begin{array}{c} 0.91\\ 0.84\\ 0.76\\ 0.61\\ 1.02\\ 1.44\\ 1.46\\ 0.58\\ 0.66\\ 1.28\\ 0.89\\ 1.25\\ 1.04\\ 1.24\\ 0.63\\ 0.51\\ 1.70\\ 0.70\\ 0.63\\ 2.07\\ 0.63\\ 1.494\\ 1.24\\ 0.65\\ 1.36\\ 0.75\\ 0.75\\ 1.36\\ 0.66\\ 0.75\\ 0.75\\ 1.36\\ 0.66\\ 0.75\\ 0.75\\ 0.63\\ 0.29\\ 0.48\\ 0.58\\ 0.63\\ 0.58\\ 0.63\\ 0.58\\ 0.63\\ 0.58\\ 0.63\\ 0.58\\ 0.63\\ 0.58$ | $\begin{array}{c} 1.30\\ 1.32\\ 1.32\\ 1.38\\ 1.39\\ 1.49\\ 2.25\\ 2.12\\ 1.09\\ 1.59\\ 1.60\\ 1.31\\ 1.05\\ 1.19\\ 1.31\\ 1.05\\ 1.19\\ 1.38\\ 1.31\\ 1.57\\ 1.38\\ 1.31\\ 1.57\\ 1.87\\ 1.52\\ 1.70\\ 1.30\\ 1.9\\ 1.33\\ 1.25\\ 3.53\\ 1.48\\ 1.33\\ 1.25\\ 3.53\\ 1.48\\ 1.33\\ 1.25\\ 0.89\\ 0.78\\ 1.69\\ 0.78\\ 1.69\\ 1.03\\ 1.03\\ 1.05\\ 0.89\\ 0.78\\ 1.69\\ 1.03\\ $ | $\begin{array}{c} 1.34\\ 1.36\\ 1.63\\ 1.63\\ 1.40\\ 2.40\\ 2.17\\ 1.10\\ 1.61\\ 1.61\\ 1.61\\ 1.61\\ 1.61\\ 1.61\\ 1.22\\ 1.43\\ 1.38\\ 1.23\\ 1.54\\ 1.71\\ 1.33\\ 0.95\\ 1.54\\ 1.71\\ 1.33\\ 0.95\\ 1.21\\ 1.34\\ 1.24\\ 1.26\\ 0.90\\ 0.79\\ 1.70\\ 1.06\\ 1.02\\$ | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 2.15 2.36 2.15 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| 278 279 280 281 282 283 284 285 286 287 288 289 290 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 | 5/13/2014 | 14 14 14 15 15 15 15 15 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 17 17 17 17 17 7 7 7 | $\begin{array}{r} 30\\ 40\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 32\\ 42\\ 48\\ 54\\ 0\\ 5\\ 13\\ 18\\ 24\\ 48\\ 54\\ 40\\ 46\\ 50\\ 55\\ 11\\ 30\\ 35\\ 55\\ 11\\ 11\\ 30\\ 35\\ 53\\ 0\\ 11\\ 17\\ 20\\ 24\\ 58\\ 8\\ 7\\ 7\end{array}$ | 0.24 0.24 0.21 0.20 0.20 0.27 0.22 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.22 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.50 \\ 0.43 \\ 0.38 \\ 0.38 \\ 0.30 \\ 0.42 \\ 0.38 \\ 0.30 \\ 0.44 \\ 0.42 \\ 0.41 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.45 \\ 0.30 \\ 0.34 \\ 0.47 \\ 0.27 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.27 \\ 0.38 \\ 0.34 \\ 0.$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.59\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.57\\ 1.42\\ 1.52\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.46\\ 0.53\\ 1.42\\ 1.74\\ 1.28\\ 1.46\\ 0.53\\ 1.46\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.42\\ 1.74\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.42\\ 1.74\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.42\\ 1.74\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.62\\ 1.58\\$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.66 1.28 0.66 1.28 0.66 1.28 0.66 1.28 0.66 1.28 0.66 0.51 1.70 0.63 0.51 1.70 0.70 0.68 0.77 0.63 4.18 0.63 0.75 1.36 0.51 1.70 0.70 0.63 4.18 0.55 0.65 0.75 0.66 0.75 0.65 0.51 0.70 0.70 0.63 0.75 0.65 0.75 0.65 0.75 0.65 0.75 0.65 0.77 0.65 0.77 0.65 0.77 0.65 0.77 0.65 0.77 0.65 0.77 0.70 0.70 0.77 0.63 0.75 1.36 0.75 0.65 0.75 0.05 0.55 0 | 1.30 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.37 1.57 1.87 1.52 1.70 1.30 0.93 1.53 1.19 1.33 2.25 3.53 1.48 1.33 2.25 3.53 1.48 1.33 1.25 0.89 0.78 1.69 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.61 1.33 1.23 1.23 1.23 1.24 1.58 1.34 1.58 1.34 1.58 1.54 1.57 2.51 1.34 1.54 1.52 2.51 1.34 1.54 1.52 1.54 1.55 1.54 1.54 1.55 1.54 1.55 1.54 1.55 1.55 1.54 1.55 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.15 2.15 2.15 2.15 2.15 2.15 2.15 | 2.71 2.32 2.90 1.94 3.75 2.28 2.40 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.30 3.21 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.28 1.94 2.20 1.94 2.90 3.21 2.90 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.33 3.70 2.40 2.40 2.40 2.27 2.40 2.40 2.27 2.40 2.40 2.27 2.40 2.40 2.27 2.40 2.40 2.40 2.27 2.40 2.40 2.40 2.40 2.40 2.40 2.40 2.40 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 0.71 0.51 0.71 0.55 0.71 0.51 0.75 1.20 0.71 0.51 0.71 0.75 1.20 0.71 0.51 0.71 0.75 0.71 0.71 0.51 0.75 0.71 0.51 0.75 0.71 0.55 0.75 0.75 0.75 0.75 0.75 0.75 0.75 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 0.72 0.39 0.48 0.12 0.57 0.74 0.51 0.76 1.23 0.72 0.99 -0.02 -0.12 0.83 0.41 0.32 1.59 0.57 0.19 0.67 0.19 0.67 0.19 0.67 0.10 0.05 |
| 278 279 280 281 282 283 284 285 286 285 288 289 290 291 292 293 294 292 293 294 295 299 299 299 209 297 298 299 299 300 301 303 303 304 305 306 307 308 309 311 311 | 5/13/2014 5/13/2 | 14 14 14 14 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17 | $\begin{array}{c} 30\\ 40\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 42\\ 42\\ 42\\ 48\\ 54\\ 40\\ 5\\ 5\\ 11\\ 18\\ 24\\ 40\\ 46\\ 50\\ 55\\ 5\\ 11\\ 10\\ 30\\ 55\\ 11\\ 10\\ 35\\ 44\\ 45\\ 50\\ 11\\ 10\\ 20\\ 24\\ 58\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.27 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.23 0.21 0.23 0.21 0.25 0.23 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.22 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.50 \\ 0.38 \\ 0.42 \\ 0.38 \\ 0.42 \\ 0.38 \\ 0.42 \\ 0.38 \\ 0.42 \\ 0.41 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.45 \\ 0.$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.37\\ 1.55\\ 1.69\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.52\\ 1.62\\ 1.62\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.42\\ 1.74\\ 1.28\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.42\\ 1.74\\ 1.76\\ 1.70\\ 1.56\\ 1.83\\ 1.62\\ 1.83\\ 1.62\\$ | $\begin{array}{c} 0.91\\ 0.84\\ 0.76\\ 0.61\\ 1.02\\ 1.44\\ 1.46\\ 0.58\\ 0.66\\ 1.28\\ 0.89\\ 1.25\\ 1.04\\ 1.24\\ 0.63\\ 0.51\\ 1.28\\ 0.89\\ 1.25\\ 1.04\\ 1.24\\ 0.63\\ 0.63\\ 0.70\\ 0.63\\ 1.38\\ 0.66\\ 0.75\\ 1.36\\ 0.66\\ 0.75\\ 1.36\\ 0.66\\ 0.75\\ 0.63\\ 0.29\\ 0.48\\ 0.58\\ 0.63\\ 0.58\\ 0.63\\ 0.58\\ 0.66\\ 2.28\\ 0.58\\$ | $\begin{array}{c} 1.30\\ 1.32\\ 1.32\\ 1.38\\ 1.39\\ 1.49\\ 2.25\\ 2.12\\ 1.09\\ 1.59\\ 1.60\\ 1.31\\ 1.05\\ 1.19\\ 1.31\\ 1.05\\ 1.19\\ 1.38\\ 1.31\\ 1.38\\ 1.31\\ 1.57\\ 1.87\\ 1.52\\ 1.70\\ 1.30\\ 1.9\\ 1.33\\ 1.53\\ 1.19\\ 1.33\\ 1.53\\ 1.19\\ 1.33\\ 1.25\\ 3.53\\ 1.48\\ 1.33\\ 1.25\\ 0.89\\ 0.78\\ 1.69\\ 0.78\\ 1.69\\ 1.03\\ 1.02\\ $ | $\begin{array}{c} 1.34\\ 1.36\\ 1.63\\ 1.63\\ 1.40\\ 2.40\\ 2.17\\ 1.10\\ 1.61\\ 1.61\\ 1.61\\ 1.61\\ 1.61\\ 1.61\\ 1.22\\ 1.43\\ 1.38\\ 1.23\\ 1.54\\ 1.71\\ 1.33\\ 0.95\\ 1.54\\ 1.71\\ 1.33\\ 0.95\\ 1.21\\ 1.34\\ 1.22\\ 1.54\\ 1.71\\ 1.33\\ 0.95\\ 1.21\\ 1.34\\ 1.24\\ 1.26\\ 0.90\\ 0.79\\ 1.70\\ 1.06\\$ | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.76 2.30 2.36 2.14 1.83 3.90 2.36 2.00 1.84 1.49 1.44 2.32 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 2.40 2.28 1.94 2.28 1.94 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.28 1.88 1.88 1.98 2.09 3.23 7.44 2.45 2.05 1.54 1.66 2.38 1.94 2.65 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 0.71 0.37 0.46 0.11 0.55 0.71 0.55 0.71 0.55 1.20 0.71 0.75 1.20 0.71 0.75 1.20 0.71 0.55 0.50 0.71 0.55 0.50 0.71 0.55 0.50 0.57 0.50 0.55 0.50 0.57 0.55 0.55 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 -0.48 0.12 0.39 0.48 0.12 0.57 0.74 0.51 0.76 1.23 0.77 0.74 0.51 0.76 1.23 0.77 0.79 0.99 -0.02 -0.12 0.83 0.41 0.32 1.59 0.65 0.77 0.75 0.77 0.75 0.77 0.75 0.77 0.75 0.77 0.75 0.77 0.75 0.77 0.75 0.77 0.75 0.77 0.75 0.77 0.75 0.77 0.75 0.7 |
| 278 279 280 281 282 283 284 285 286 287 288 288 289 290 291 292 293 294 292 293 294 295 296 296 296 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 311 311 313 | 5/13/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 | 14 14 14 15 15 15 15 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16 | $\begin{array}{r} 30\\ 40\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 32\\ 42\\ 48\\ 54\\ 6\\ 50\\ 13\\ 18\\ 24\\ 48\\ 54\\ 40\\ 46\\ 50\\ 55\\ 11\\ 18\\ 24\\ 46\\ 50\\ 55\\ 11\\ 11\\ 30\\ 35\\ 5\\ 11\\ 11\\ 30\\ 35\\ 5\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 7\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.27 0.22 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.25 0.23 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.23 0.21 0.22 0.23 0.22 0.24 0.22 0.23 0.22 0.23 0.21 0.22 0.21 0.22 0.23 0.21 0.22 0.21 0.21 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.50 \\ 0.38 \\ 0.38 \\ 0.38 \\ 0.30 \\ 0.42 \\ 0.38 \\ 0.30 \\ 0.44 \\ 0.42 \\ 0.41 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.45 \\ 0.29 \\ 0.66 \\ 0.30 \\ 0.34 \\ 0.47 \\ 0.21 \\ 0.27 \\ 0.38 \\ 0.37 \\ 0.21 \\ 0.27 \\ 0.38 \\ 0.34 \\ 0.31 \\ 0.31 \\ 0.31 \\ 0.37 \\ 0.31 \\ 0.31 \\ 0.37 \\ 0.31 \\ 0.37 \\ 0.31 \\ 0.37 \\ 0.31 \\ 0.37 \\ 0.31 \\ 0.37 \\ 0.37 \\ 0.33 \\ 0.34 \\ 0.37 \\ 0.$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.59\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.59\\ 1.62\\ 1.58\\ 1.58\\ 1.58\\ 1.58\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.42\\ 1.52\\ 1.58\\$ | $\begin{array}{c} 0.91\\ 0.84\\ 0.76\\ 0.61\\ 1.02\\ 1.44\\ 1.46\\ 0.58\\ 0.75\\ 0.66\\ 1.28\\ 0.75\\ 0.66\\ 1.28\\ 0.69\\ 1.25\\ 1.04\\ 1.24\\ 0.63\\ 0.51\\ 1.70\\ 0.70\\ 0.63\\ 4.18\\ 0.66\\ 0.75\\ 1.36\\ 6.0\\ 0.75\\ 1.36\\ 0.63\\ 0.63\\ 0.63\\ 0.63\\ 0.63\\ 0.63\\ 0.56\\ $ | 1.30 1.32 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.31 1.57 1.87 1.52 1.70 1.30 0.93 1.53 1.19 1.33 1.25 3.53 1.48 1.33 1.25 3.53 1.48 1.33 1.59 1.59 1.59 1.60 1.30 1.59 1.59 1.60 1.31 1.57 1.59 1 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.61 1.61 1.61 1.61 1.61 1.61 1.61 1.61 1.61 1.61 1.61 1.61 1.61 1.61 1.61 1.33 1.23 1.34 1.53 1.54 1.71 1.33 0.95 2.51 1.34 2.29 5.22 1.51 1.34 1.26 0.90 0.70 1.05 1.38 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.76 2.30 2.36 2.14 1.83 3.90 2.36 2.00 2.36 2.00 2.36 2.00 2.36 2.30 1.84 1.49 1.44 2.32 1.84 2.32 1.84 2.32 | 2.71 2.32 2.90 1.94 3.75 2.28 2.40 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.28 1.88 1.98 2.09 3.23 7.44 2.45 2.05 1.84 1.54 1.54 1.54 1.94 2.28 1.94 2.28 1.94 2.29 2.90 2.90 2.90 2.90 2.90 2.90 2.90 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 0.71 0.37 0.46 0.71 0.37 0.46 0.71 0.55 0.71 0.55 0.71 0.75 1.20 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.55 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.77 0.77 0.77 0.77 0.77 0.77 0.77 | 0.70 0.67 1.03 0.59 1.50 1.51 -0.48 0.72 0.39 0.48 0.12 0.57 -0.74 0.51 0.76 1.23 0.72 0.99 -0.02 -0.12 0.83 0.41 0.32 1.59 0.57 0.19 0.50 0.59 -0.48 0.74 0.51 0.76 0.72 0.99 -0.02 -0.12 0.57 0.57 0.74 0.51 0.72 0.99 -0.02 -0.12 0.57 0.57 0.74 0.51 0.72 0.99 -0.02 -0.12 0.57 0.57 0.57 0.74 0.51 0.75 0.72 0.99 0.032 0.57 0.74 0.51 0.57 0.55 0.08 0.04 0.55 0.08 0.05 0.08 0.05 0.08 0.040 0.01 0.05 0.05 0.08 0.05 |
| 278 279 280 281 282 283 284 285 286 287 288 290 291 292 293 294 295 294 295 294 295 295 296 297 298 299 300 301 302 303 303 304 305 306 311 311 312 313 | 5/13/2014 | 14 14 14 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 | 30 40 54 4 10 18 24 32 42 42 48 54 6 5 13 18 24 36 40 55 13 18 24 36 40 40 55 55 11 5 11 30 20 24 55 13 36 40 55 13 36 40 55 13 18 24 24 55 13 18 24 24 55 13 18 24 24 55 13 18 24 25 55 13 18 24 24 55 13 18 24 24 55 13 18 24 24 55 13 18 24 24 55 13 18 24 24 55 13 18 24 24 55 13 36 40 40 55 55 11 11 10 55 10 55 11 10 55 11 10 55 11 10 10 10 10 10 10 10 10 10 | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.27 0.22 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.22 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.22 0.13 0.15 0.24 0.59 0.12 0.12 0.12 0.12 0.12 0.18 0.20 0.18 0.22 0.19 0 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.41 \\ 0.50 \\ 0.38 \\ 0.42 \\ 0.38 \\ 0.42 \\ 0.38 \\ 0.42 \\ 0.43 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.43 \\ 0.45 \\ 0.43 \\ 0.45 \\ 0.29 \\ 0.66 \\ 0.30 \\ 0.34 \\ 0.45 \\ 0.45 \\ 0.27 \\ 0.29 \\ 0.66 \\ 0.30 \\ 0.34 \\ 0.41 \\ 0.37 \\ 0.21 \\ 0.27 \\ 0.38 \\ 0.43 \\ 0.44 \\ 0.41 \\ 0.37 \\ 0.31 \\ 0.31 \\ 0.37 \\ 0.31 \\ 0.$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.37\\ 1.55\\ 1.69\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.52\\ 1.62\\ 1.62\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.42\\ 1.74\\ 2.18\\ 2.01\\ 1.70\\ 1.56\\ 1.83\\ 1.62\\ 1.72\\ 1.83\\ 1.62\\ 1.72\\ 1.83\\ 1.62\\ 1.72\\ 1.83\\ 1.62\\ 1.72\\ 1.83\\ 1.62\\ 1.72\\ 1.83\\ 1.62\\ 1.72\\ 1.89\\ 1.83\\ 1.62\\ 1.72\\ 1.83\\ 1.62\\ 1.72\\ 1.89\\ 1.83\\ 1.62\\ 1.72\\ 1.89\\ 1.83\\ 1.62\\ 1.72\\ 1.89\\ 1.83\\ 1.62\\ 1.72\\ 1.89\\ 1.83\\ 1.62\\ 1.72\\ 1.89\\ 1.83\\ 1.62\\ 1.72\\ 1.89\\ 1.83\\ 1.62\\ 1.72\\ 1.89\\ 1.83\\ 1.62\\ 1.72\\ 1.89\\ 1.83\\ 1.62\\ 1.72\\ 1.89\\ 1.88\\ 1.89\\ 1.88\\$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.67 1.25 1.04 1.25 1.04 0.63 0.51 1.70 0.70 0.63 4.18 0.66 0.75 1.36 0.61 1.24 0.63 0.51 1.70 0.65 1.24 0.63 0.51 1.36 0.65 1.24 0.65 0.51 0.55 0.66 0.51 0.55 0.65 0.55 0.65 0.55 0.55 0.65 0.55 0 | $\begin{array}{c} 1.30\\ 1.32\\ 1.32\\ 1.38\\ 1.39\\ 1.49\\ 2.25\\ 2.12\\ 1.09\\ 1.59\\ 1.60\\ 1.31\\ 1.05\\ 1.19\\ 1.31\\ 1.05\\ 1.19\\ 1.38\\ 1.31\\ 1.38\\ 1.31\\ 1.57\\ 1.87\\ 1.52\\ 1.70\\ 1.30\\ 1.33\\ 1.53\\ 1.19\\ 1.33\\ 1.52\\ 1.33\\ 1.52\\ 1.33\\ 1.19\\ 0.93\\ 1.33\\ 1.25\\ 0.89\\ 0.78\\ 1.69\\ 0.78\\ 1.69\\ 1.03\\ 1.02\\ 1.36\\ 1.40\\ 1.40\\ 1.40\\ 1.40\\ 1.32\\ 1.58\\ 1.33\\ 1.25\\ 0.89\\ 1.03\\ 1.02\\ 1.36\\ 1.40\\ 1.40\\ 1.40\\ 1.40\\ 1.12\\ 1.58\\ 1.12\\ 1.58\\ 1.12\\ 1.58\\ 1.12\\ 1.58\\ 1.12\\ 1.58\\ 1.12\\ 1.58\\ 1.12\\$ | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.63 1.40 2.17 1.10 1.61 1.33 1.34 1.58 1.53 1.54 1.71 1.34 1.54 1.23 1.34 2.29 5.22 1.51 1.34 1.26 0.90 0.79 1.70 1.06 1.38 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 1.89 2.15 2.36 1.78 2.04 2.15 2.15 2.15 2.15 2.15 2.15 2.15 2.15 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 2.40 2.28 2.40 2.28 1.94 2.28 2.40 2.28 2.40 2.28 1.94 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.28 1.88 1.98 2.09 3.23 7.44 2.45 2.05 1.54 1.66 2.38 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.28 1.94 2.40 2.40 2.40 2.40 2.40 2.40 2.40 2.4 | 0.68 0.66 1.01 0.77 0.57 1.40 0.57 1.50 0.71 0.57 0.71 0.51 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.75 1.20 0.71 0.75 0.75 1.20 0.71 0.75 0.71 0.55 0.71 0.75 0.71 0.55 0.71 0.75 0.71 0.55 0.71 0.55 0.71 0.75 0.71 0.55 0.50 0.71 0.55 0.50 0.71 0.55 0.50 0.51 0.55 0.55 0.55 0.55 0.5 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 0.78 0.72 0.39 0.48 0.72 0.57 0.74 0.51 0.76 1.23 0.72 0.99 0.02 -0.12 0.83 0.41 0.32 1.59 3.32 0.57 0.19 0.65 0.65 0.72 0.39 0.02 -0.12 0.57 0.74 0.75 0.75 0.74 0.75 0.75 0.74 0.75 0.77 0.51 0.72 0.57 0.77 0.72 0.57 0.77 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.72 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.05 |
| 278 279 280 281 282 283 284 285 285 286 287 288 289 290 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 311 311 313 | 5/13/2014 | 14 14 14 15 15 15 15 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16 | $\begin{array}{r} 30\\ 40\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 32\\ 42\\ 48\\ 54\\ 6\\ 50\\ 13\\ 18\\ 24\\ 48\\ 54\\ 40\\ 55\\ 11\\ 18\\ 24\\ 46\\ 50\\ 55\\ 11\\ 11\\ 30\\ 55\\ 11\\ 11\\ 30\\ 35\\ 44\\ 46\\ 50\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 14\\ 23\\ 37\\ 14\\ 23\\ 37\\ 7\end{array}$ | 0.24 0.24 0.21 0.20 0.20 0.27 0.22 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.22 0.21 0.25 0.23 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.23 0.21 0.22 0.21 0.21 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.51 \\ 0.52 \\ 0.38 \\ 0.38 \\ 0.38 \\ 0.38 \\ 0.38 \\ 0.38 \\ 0.38 \\ 0.42 \\ 0.43 \\ 0.44 \\ 0.44 \\ 0.44 \\ 0.44 \\ 0.44 \\ 0.44 \\ 0.44 \\ 0.44 \\ 0.44 \\ 0.44 \\ 0.44 \\ 0.43 \\ 0.42 \\ 0.29 \\ 0.66 \\ 0.30 \\ 0.34 \\ 0.45 \\ 0.43 \\ 0.45 \\ 0.37 \\ 0.31 \\ 0.37 \\ 0.31 \\ 0.$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.59\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.59\\ 1.62\\ 1.58\\ 1.58\\ 1.58\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.42\\ 1.73\\ 1.42\\ 1.74\\ 1.58\\$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.67 1.28 0.66 1.28 0.69 1.24 0.63 0.51 1.70 0.70 0.63 4.18 0.66 0.75 1.36 6.65 0.75 0.66 0.70 0.63 4.18 0.63 0.63 0.48 0.75 0.63 1.49 0.58 0.58 0.59 0.51 0.58 0.58 0.51 0.70 0.63 1.44 0.58 0.58 0.51 0.70 0.63 1.44 0.58 0.58 0.51 0.70 0.63 1.44 0.58 0.51 0.70 0.63 1.44 0.63 0.55 0.66 0.75 0.66 0.75 0.63 0.63 0.55 0.55 0.55 0.55 0.65 0.55 0.65 0.75 0.63 0.55 0 | 1.30 1.32 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.31 1.57 1.87 1.52 1.70 1.30 0.93 1.53 1.19 1.33 1.25 3.53 1.48 1.33 1.19 1.33 1.25 3.53 1.48 1.33 1.25 3.53 1.49 0.78 1.69 1.33 1.25 0.89 0.78 1.69 1.33 1.25 0.89 0.78 1.69 1.02 1.36 1.03 1.03 1.19 1.33 1.25 1.33 1.33 1.34 1.35 1 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.61 1.33 1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.34 1.54 1.57 2.51 1.34 1.54 1.51 1.34 1.52 2.51 1.34 1.51 1.34 1.52 1.51 1.34 1.55 1.55 1.55 1.55 1.55 1.55 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.15 2.15 2.15 2.15 2.15 2.15 2.30 2.30 2.30 2.30 2.33 3.18 1.94 2.00 2.36 2.30 2.36 2.30 2.36 2.30 2.36 2.30 1.84 1.84 2.32 1.84 2.32 1.84 2.33 2.33 2.34 | 2.71 2.32 2.90 1.94 3.75 2.28 2.40 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.40 2.40 2.40 2.40 2.40 2.40 2.40 2.40 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 0.71 0.37 0.46 0.71 0.37 0.46 0.71 0.55 0.71 0.55 0.71 0.75 1.20 0.71 0.75 0.75 0.71 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 | 0.70 0.67 1.03 0.59 1.50 1.51 0.78 0.75 0.74 0.76 0.74 0.77 0.76 0.72 0.99 -0.02 -0.12 0.83 0.71 0.57 0.72 0.99 -0.02 -0.12 0.57 0.57 0.72 0.99 -0.02 -0.12 0.57 0.57 0.74 0.51 0.72 0.99 -0.02 -0.12 0.65 0.08 0.01 0.05 |
| 278 279 280 281 282 283 284 285 286 287 288 290 291 292 293 294 292 293 294 295 295 296 297 298 299 299 299 300 301 302 303 304 305 306 311 311 311 312 313 | 5/13/2014 5/13/2 | 14 14 14 14 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17 | 30 40 54 4 10 18 24 32 42 42 48 54 6 5 13 18 24 36 40 55 13 18 24 36 40 46 50 55 11 5 11 5 11 5 11 5 12 12 12 12 12 12 12 12 12 12 | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.21 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.21 0.25 0.22 0.21 0.21 0.22 0.21 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.22 0.21 0.21 0.21 0.22 0.21 0.22 0.21 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.22 0.21 0.22 0.22 0.22 0.15 0.24 0.59 0.12 0.12 0.18 0.12 0.18 0.22 0.19 0.28 0.19 0.29 0.19 0.19 0.19 0.28 0.19 0.28 0.19 0.29 0.19 0.28 0.19 0.29 0.12 0.19 0.29 0.19 0.29 0.19 0.29 0.19 0.29 0.19 0.29 0.19 0.29 0.19 0.29 0.19 0.29 0.19 0.29 0.19 0.29 0.19 0.29 0.19 0 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.50 \\ 0.38 \\ 0.38 \\ 0.30 \\ 0.42 \\ 0.43 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.29 \\ 0.66 \\ 0.30 \\ 0.34 \\ 0.45 \\ 0.42 \\ 0.29 \\ 0.66 \\ 0.30 \\ 0.34 \\ 0.47 \\ 0.81 \\ 0.37 \\ 0.31 \\ 0.31 \\ 0.37 \\ 0.31 \\ 0.$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.57\\ 1.55\\ 1.69\\ 1.59\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.60\\ 1.54\\ 1.57\\ 1.42\\ 1.52\\ 1.60\\ 1.54\\ 1.57\\ 1.42\\ 1.52\\ 1.88\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.42\\ 1.74\\ 2.18\\ 2.01\\ 1.76\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.42\\ 1.74\\ 2.18\\ 2.01\\ 1.70\\ 1.56\\ 1.83\\ 1.62\\ 1.72\\ 1.89\\ 1.90\\ 1.56\\ 1.83\\ 1.62\\ 1.72\\ 1.72\\ 1.89\\ 1.90\\ 1.90\\ 1.90\\ 1.56\\ 1.83\\ 1.62\\ 1.72\\ 1.72\\ 1.89\\ 1.90\\$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.67 1.25 1.04 1.25 1.04 0.63 0.51 1.70 0.70 0.63 4.18 0.63 0.65 1.36 0.65 1.36 0.65 0.55 1.36 0.65 0.58 0.65 0.51 1.37 0.65 0.58 0.51 0.57 0.65 0.58 0.51 0.57 0.65 0.58 0.51 1.70 0.63 0.51 1.70 0.63 0.55 1.36 0.55 0.58 0.65 0.55 0.58 0.55 0.57 0.66 0.55 0.57 0.65 0.55 0.58 0.57 0.57 0.65 0.58 0.51 1.70 0.63 0.55 1.36 0.55 0.58 0.55 0.55 0.58 0.55 0.58 0.55 0.57 0.66 0.55 0.57 0.65 0.55 0 | 1.30 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.31 1.57 1.87 1.30 0.93 1.33 2.25 3.53 1.48 1.33 2.25 3.53 1.48 1.33 2.25 3.53 1.48 1.33 2.25 3.53 1.48 1.33 1.25 0.89 0.78 1.69 1.03 1.02 1.36 1.40 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.63 1.40 2.17 1.10 1.61 1.33 1.23 1.23 1.23 1.34 1.54 1.71 1.34 2.29 5.21 1.34 1.26 0.90 0.79 1.70 1.06 1.38 1.41 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.15 2.15 2.15 2.15 2.15 2.15 2.15 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 2.40 2.28 2.40 2.28 1.94 2.28 1.94 2.29 1.94 2.20 3.21 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.41 2.27 2.40 2.41 2.27 2.41 2.27 2.40 2.41 2.27 2.40 2.41 2.27 2.40 2.41 2.27 2.40 2.40 2.41 2.27 2.40 2.40 2.40 2.40 2.40 2.40 2.40 2.40 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 -0.50 0.71 0.37 0.46 0.11 0.55 -0.37 0.46 0.11 0.55 -0.51 0.71 0.51 0.71 0.51 0.71 0.51 0.71 0.51 0.71 0.51 0.71 0.51 0.71 0.51 0.71 0.51 0.71 0.55 -0.50 0.71 0.55 0.50 0.71 0.55 0.50 0.71 0.55 0.50 0.75 0.50 0.75 0.50 0.75 0.50 0.75 0.50 0.55 0.50 0.55 0.50 0.55 0.50 0.55 0.50 0.55 0. | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 0.78 0.72 0.39 0.48 0.72 0.39 0.48 0.72 0.57 0.74 0.51 0.76 1.23 0.72 0.99 0.02 -0.12 0.83 0.41 0.32 1.59 3.32 0.59 0.02 -0.12 0.57 0.19 0.65 0.65 0.72 0.99 0.02 -0.12 0.57 0.19 0.05 0.57 0.74 0.75 0.74 0.75 0.74 0.75 0.75 0.74 0.75 0.75 0.74 0.75 0.75 0.74 0.75 0.77 0.74 0.57 0.74 0.57 0.74 0.57 0.74 0.57 0.74 0.57 0.74 0.57 0.74 0.57 0.74 0.57 0.75 0.75 0.75 0.75 0.77 0.57 0.74 0.57 0.75 0.57 0.75 0.57 0.55 0.55 0.55 0.55 0.55 0.55 0.0 |
| 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 | 5/13/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 14 14 14 15 15 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 | $\begin{array}{c} 30\\ 40\\ -40\\ 54\\ -4\\ -10\\ 18\\ -24\\ -32\\ -42\\ -48\\ -54\\ -6\\ -50\\ -5\\ -11\\ -30\\ -5\\ -5\\ -5\\ -11\\ -30\\ -55\\ -11\\ -30\\ -55\\ -11\\ -30\\ -55\\ -11\\ -30\\ -55\\ -11\\ -30\\ -24\\ -58\\ -7\\ -14\\ -23\\ -7\\ -14\\ -23\\ -7\\ -14\\ -46\\ -50\\ -24\\ -23\\ -7\\ -14\\ -23\\ -7\\ -46\\ -23\\ -7\\ -46\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -24\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -23\\ -7\\ -24\\ -23\\ -24\\ -23\\ -23\\ -24\\ -23\\ -23\\ -23\\ -23\\ -23\\ -23\\ -23\\ -23$ | 0.24 0.24 0.21 0.20 0.20 0.27 0.22 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.23 0.21 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.22 0.21 0.21 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.50 \\ 0.38 \\ 0.38 \\ 0.30 \\ 0.42 \\ 0.38 \\ 0.30 \\ 0.44 \\ 0.42 \\ 0.41 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.42 \\ 0.29 \\ 0.66 \\ 0.30 \\ 0.34 \\ 0.45 \\ 0.43 \\ 0.45 \\ 0.43 \\ 0.45 \\ 0.31 \\ 0.31 \\ 0.31 \\ 0.31 \\ 0.31 \\ 0.31 \\ 0.31 \\ 0.31 \\ 0.31 \\ 0.31 \\ 0.31 \\ 0.31 \\ 0.31 \\ 0.31 \\ 0.33 \\ 0.$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.59\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.59\\ 1.62\\ 1.58\\ 1.58\\ 1.58\\ 1.58\\ 1.58\\ 1.58\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.42\\ 1.58\\$ | $\begin{array}{c} 0.91\\ 0.84\\ 0.76\\ 0.61\\ 1.02\\ 1.44\\ 1.46\\ 0.58\\ 0.75\\ 0.66\\ 1.28\\ 0.75\\ 0.66\\ 1.28\\ 0.75\\ 1.04\\ 1.24\\ 0.63\\ 0.51\\ 1.70\\ 0.70\\ 0.63\\ 0.51\\ 1.70\\ 0.70\\ 0.63\\ 0.51\\ 1.36\\ 0.66\\ 0.75\\ 1.36\\ 0.63\\ 0.63\\ 0.56\\ 0.29\\ 0.48\\ 0.58\\ 0.51\\ 0.56\\ 0.55\\ 0.57\\ 0.57\\ 0.57\\ 0.57\\ 0.49\\ 0.49\\ 0.49\\ 0.58\\ 0.58\\ 0.51\\ 0.56\\ 0.55\\ 0.57\\ 0.49\\ 0.49\\ 0.49\\ 0.58\\ 0.58\\ 0.51\\ 0.57\\ 0.57\\ 0.49\\ 0.49\\ 0.58\\$ | 1.30 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.37 1.87 1.52 1.70 1.30 0.93 1.53 1.19 1.33 2.25 3.33 1.48 1.30 0.93 1.53 1.19 1.33 1.25 3.33 1.48 1.33 1.25 0.89 0.78 1.69 1.03 1.02 1.36 1.41 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.61 1.61 1.61 1.33 1.23 1.23 1.23 1.23 1.34 1.58 1.93 1.54 1.71 1.33 0.95 2.51 1.34 2.52 1.51 1.34 1.26 0.90 0.70 1.05 1.06 1.38 1.41 1.42 1.75 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.82 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.76 2.30 2.36 2.14 1.83 3.18 1.94 2.00 2.36 2.300 2.36 2.36 2.300 2.36 2.36 2.300 2.36 2.300 2.36 2.300 1.84 1.84 2.32 1.84 2.33 2.34 2.35 | 2.71 2.32 2.90 1.94 3.75 2.28 2.40 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.40 2.40 2.40 2.40 2.40 2.40 2.40 2.40 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 0.71 0.37 0.46 0.71 0.37 0.46 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.55 0.71 0.75 0.71 0.55 0.71 0.75 0.75 0.71 0.75 0.71 0.75 0.75 0.75 0.71 0.75 0.75 0.75 0.75 0.71 0.75 0.75 0.75 0.75 0.75 0.71 0.75 0.75 0.71 0.75 0.71 0.75 0.75 0.71 0.75 0.71 0.75 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.70 0.75 0.70 0.75 0.71 0.70 0.75 0.70 0.75 0.70 0.70 0.75 0.70 0.70 | 0.70 0.67 1.03 0.59 1.50 1.51 0.78 0.75 0.74 0.76 0.77 0.76 0.72 0.99 -0.02 -0.12 0.83 0.71 0.57 0.72 0.99 -0.02 -0.12 0.83 0.57 0.57 0.57 0.74 0.51 0.72 0.99 -0.02 -0.12 0.83 0.57 0.57 0.57 0.57 0.65 0.08 0.08 0.01 0.05 0.12 0.05 |
| 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 292 293 294 295 294 295 295 296 297 298 299 300 301 302 303 304 305 306 310 311 311 3114 315 316 317 | 5/13/2014 5/14/2014 5/16/2014 5/16/2014 5/16/2014 | 14 14 14 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 | $\begin{array}{c} 30\\ 40\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 32\\ 42\\ 48\\ 54\\ 40\\ 5\\ 13\\ 18\\ 24\\ 36\\ 40\\ 46\\ 50\\ 55\\ 5\\ 5\\ 11\\ 30\\ 40\\ 46\\ 50\\ 55\\ 11\\ 1\\ 35\\ 44\\ 45\\ 3\\ 5\\ 3\\ 3\\ 7\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 7\\ 14\\ 6\\ 53\\ 37\\ 46\\ 53\\ 5\\ 5\\ 5\\ 7\\ 7\\ 14\\ 6\\ 53\\ 5\\ 5\\ 5\\ 7\\ 7\\ 14\\ 6\\ 53\\ 5\\ 5\\ 5\\ 7\\ 7\\ 14\\ 6\\ 5\\ 5\\ 5\\ 5\\ 5\\ 7\\ 7\\ 14\\ 6\\ 5\\ 5\\ 5\\ 5\\ 5\\ 7\\ 7\\ 14\\ 6\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 7\\ 7\\ 14\\ 6\\ 5\\ 5\\ 5\\ 5\\ 5\\ 7\\ 7\\ 14\\ 6\\ 5\\ 5\\ 5\\ 5\\ 5\\ 7\\ 7\\ 14\\ 6\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 7\\ 7\\ 14\\ 6\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 7\\ 7\\ 14\\ 6\\ 5\\ 5\\ 5\\ 5\\ 5\\ 7\\ 7\\ 14\\ 6\\ 5\\ 5\\ 5\\ 5\\ 7\\ 7\\ 14\\ 6\\ 5\\ 5\\ 5\\ 5\\ 7\\ 7\\ 14\\ 18\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.27 0.22 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.21 0.21 0.22 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.13 0.15 0.24 0.59 0.12 0.12 0.12 0.12 0.12 0.12 0.12 0.14 0.12 0.14 0.12 0.12 0.12 0.14 0.12 0.12 0.12 0.14 0.15 0.20 0.12 0.12 0.14 0.15 0.20 0.12 0.12 0.14 0.14 0.15 0.20 0.12 0.15 0.20 0.12 0.15 0.20 0.12 0.12 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.114 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.41 \\ 0.50 \\ 0.38 \\ 0.38 \\ 0.42 \\ 0.38 \\ 0.42 \\ 0.38 \\ 0.42 \\ 0.43 \\ 0.43 \\ 0.44 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.45 \\ 0.43 \\ 0.44 \\ 0.45 \\ 0.29 \\ 0.29 \\ 0.66 \\ 0.30 \\ 0.34 \\ 0.44 \\ 0.43 \\ 0.43 \\ 0.37 \\ 0.21 \\ 0.27 \\ 0.38 \\ 0.43 \\ 0.43 \\ 0.37 \\ 0.21 \\ 0.37 \\ 0.38 \\ 0.43 \\ 0.41 \\ 0.37 \\ 0.31 \\ 0.31 \\ 0.31 \\ 0.38 \\ 0.25 \\ 0.$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.67\\ 1.59\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.62\\ 1.54\\ 1.52\\ 1.62\\ 1.62\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.42\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.42\\ 1.74\\ 2.18\\ 1.96\\ 0.53\\ 1.42\\ 1.74\\ 2.18\\ 1.83\\ 1.46\\ 1.74\\ 2.18\\ 2.01\\ 1.70\\ 1.56\\ 1.83\\ 1.62\\ 1.72\\ 1.89\\ 1.90\\ 1.71\\ 2.07\\ 1.71\\ 2.07\\ 1.71\\ 2.07\\ 1.71\\ 2.07\\ 1.71\\ 1.20\\ 1.71\\ 1.20\\ 1.71\\ 1.20\\ 1.71\\$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.67 1.24 0.63 0.51 1.70 0.70 0.63 4.18 0.63 0.65 1.29 0.63 4.18 0.39 0.29 0.44 0.39 0.58 0.58 0.51 1.36 0.65 1.29 0.65 1.29 0.51 1.44 0.55 1.24 0.55 1.25 1.44 0.55 1.25 1.44 0.63 0.51 1.70 0.65 1.24 0.63 0.51 1.70 0.65 0.58 0.51 1.70 0.65 0.51 1.70 0.65 0.51 1.70 0.65 0.55 0.55 0.55 0.65 0.55 0 | 1.30 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.38 1.31 1.57 1.87 1.52 1.70 1.30 0.93 1.53 1.19 1.33 2.25 3.53 1.48 1.33 2.25 3.53 1.48 1.33 1.25 0.78 1.69 1.03 1.02 1.36 1.40 1.40 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.33 1.24 1.61 1.61 1.61 1.61 1.33 1.23 1.23 1.34 1.54 1.71 1.33 0.95 2.51 1.24 1.54 1.34 2.29 5.22 1.51 1.34 1.26 0.90 0.79 1.70 1.06 1.38 1.41 1.42 1.75 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 1.78 2.04 2.15 2.15 2.15 2.15 2.15 2.15 2.15 2.15 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 2.40 2.28 2.40 2.28 1.94 2.28 1.94 2.29 1.94 2.20 3.21 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.41 2.27 2.40 2.41 2.27 2.41 2.27 2.44 2.45 2.05 1.54 1.66 2.38 1.94 2.42 2.42 2.42 2.42 2.42 2.42 2.42 2 | 0.68 0.66 1.01 0.77 0.57 1.40 0.57 1.50 0.71 0.57 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.75 0.75 0.75 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.71 0.55 0.71 0.71 0.55 0.71 0.71 0.55 0.71 0.71 0.55 0.71 0.71 0.55 0.71 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.75 0.71 0.55 0.71 0.75 0.71 0.55 0.71 0.75 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 0.78 0.72 0.39 0.48 0.72 0.57 0.74 0.51 0.76 1.23 0.72 0.99 0.02 -0.12 0.83 0.41 0.32 1.59 3.32 0.59 0.32 0.57 0.19 0.65 0.65 0.65 0.65 0.72 0.99 0.02 -0.12 0.57 0.12 0.32 0.57 0.12 0.57 0.74 0.51 0.75 0.74 0.57 0.74 0.57 0.74 0.57 0.74 0.57 0.74 0.57 0.74 0.57 0.74 0.57 0.74 0.57 0.74 0.57 0.74 0.57 0.74 0.57 0.74 0.57 0.74 0.57 0.75 0.75 0.75 0.75 0.74 0.57 0.75 0.57 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.05 |
| 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 300 300 300 300 311 312 313 314 315 316 317 | 5/13/2014 | 14 14 14 14 15 15 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 | $\begin{array}{r} 30\\ 40\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 32\\ 42\\ 48\\ 54\\ 0\\ 5\\ 13\\ 18\\ 24\\ 48\\ 54\\ 40\\ 5\\ 5\\ 11\\ 18\\ 24\\ 46\\ 50\\ 55\\ 11\\ 1\\ 30\\ 55\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 14\\ 23\\ 37\\ 46\\ 53\\ 0\\ 0\\ 14\\ 23\\ 37\\ 46\\ 53\\ 0\\ 0\\ 0\\ 14\\ 23\\ 37\\ 46\\ 53\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\$ | 0.24 0.24 0.21 0.20 0.20 0.27 0.22 0.18 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.22 0.21 0.24 0.39 0.22 0.17 0.09 0.18 0.18 0.18 0.18 0.18 0.22 0.18 0.18 0.22 0.18 0.22 0.18 0.22 0.18 0.22 0.18 0.18 0.14 0.14 0.18 0.22 0.18 0.22 0.18 0.18 0.14 0.14 0.18 0.14 0.14 0.18 0.14 0.14 0.18 0.14 0.14 0.18 0.14 0.14 0.14 0.14 0.18 0.14 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.51 \\ 0.52 \\ 0.43 \\ 0.52 \\ 0.43 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.42 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.44 \\ 0.43 \\ 0.43 \\ 0.42 \\ 0.29 \\ 0.66 \\ 0.30 \\ 0.33 \\ 0.29 \\ 0.66 \\ 0.30 \\ 0.33 \\ 0.34 \\ 0.37 \\ 0.21 \\ 0.27 \\ 0.38 \\ 0.43 \\ 0.37 \\ 0.21 \\ 0.37 \\ 0.31 \\ 0.33 \\ 0.33 \\ 0.25 \\ 0.$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.59\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.58\\$ | $\begin{array}{c} 0.91\\ 0.84\\ 0.76\\ 0.61\\ 1.02\\ 1.44\\ 1.46\\ 0.58\\ 0.75\\ 0.66\\ 1.28\\ 0.75\\ 0.66\\ 1.28\\ 0.75\\ 1.04\\ 1.24\\ 0.63\\ 0.89\\ 1.24\\ 0.63\\ 0.51\\ 1.70\\ 0.63\\ 4.18\\ 0.66\\ 0.75\\ 1.36\\ 0.66\\ 0.75\\ 1.36\\ 0.68\\ 0.75\\ 1.36\\ 0.68\\ 0.63\\ 0.51\\ 0.39\\ 0.29\\ 0.48\\ 0.63\\ 0.55\\ 0.28\\ 0.63\\ 0.55\\ 0.28\\ 0.63\\ 0.55\\ 0.28\\ 0.63\\ 0.55\\ 0.57\\ 0.49\\ 0.49\\ 0.41\\ 0.45\\ 0.49\\ 0.41\\ 0.45\\ 0.49\\ 0.49\\ 0.41\\ 0.45\\ 0.49\\ 0.41\\ 0.45\\ 0.45\\ 0.55\\ 0.57\\ 0.49\\ 0.49\\ 0.41\\ 0.45\\ 0.49\\ 0.41\\ 0.45\\ 0.49\\ 0.49\\ 0.41\\ 0.45\\ 0.49\\ 0.49\\ 0.41\\ 0.45\\ 0.49\\ 0.49\\ 0.41\\ 0.45\\ 0.49\\ 0.41\\ 0.45\\ 0.45\\ 0.49\\ 0.49\\ 0.41\\ 0.45\\ 0.45\\ 0.49\\ 0.44\\ 0.45\\ 0.45\\ 0.45\\ 0.49\\ 0.45\\$ | $\begin{array}{c} 1.30\\ 1.32\\ 1.32\\ 1.38\\ 1.39\\ 1.49\\ 2.25\\ 2.12\\ 1.09\\ 1.59\\ 1.60\\ 1.31\\ 1.05\\ 1.19\\ 1.18\\ 1.38\\ 1.31\\ 1.57\\ 1.8\\ 1.31\\ 1.57\\ 1.8\\ 1.31\\ 1.52\\ 1.70\\ 1.30\\ 0.93\\ 1.53\\ 1.19\\ 1.33\\ 1.25\\ 0.89\\ 0.78\\ 1.69\\ 1.02\\ 1.36\\ 1.41\\ 1.74\\ 1.22\\ 0.72\\ 1.36\\ 1.41\\ 1.74\\ 1.22\\ 0.72\\ 0.72\\ 1.32\\ 1.32\\ 1.33\\ 1.33\\ 1.33\\ 1.25\\ 1.33\\ 1.25\\ 1.33\\ 1.25\\ 1.33\\ 1.33\\ 1.25\\ 1.33\\ 1.25\\ 1.33\\ 1.33\\ 1.25\\ 1.33\\ 1.25\\ 1.33\\ 1.33\\ 1.25\\ 1.33\\ 1.25\\ 1.33\\ 1.33\\ 1.25\\ 1.33\\ 1.33\\ 1.25\\ 1.33\\ 1.33\\ 1.25\\ 1.33\\ 1.33\\ 1.25\\ 1.33\\ 1.33\\ 1.25\\ 1.33\\ 1.33\\ 1.25\\ 1.33\\ 1.33\\ 1.25\\ 1.33\\ 1.33\\ 1.25\\ 1.33\\ 1.34\\ 1.34\\ 1.34\\ 1.34\\ 1.34\\ 1.34\\ 1.34\\ 1.34\\ 1.34\\ 1.34\\ 1.34\\ 1.34\\ 1.34\\ 1.34\\ 1.35\\ 1$ | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.63 1.64 1.33 1.23 1.23 1.23 1.23 1.34 1.58 1.93 1.54 1.74 1.73 0.95 2.51 1.21 1.34 2.52 1.51 1.24 1.26 0.99 0.79 1.70 1.06 1.38 1.41 1.42 1.75 1.24 0.75 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.15 2.36 2.15 2.15 2.15 2.25 2.76 2.30 2.36 2.14 2.15 2.25 2.76 2.30 2.36 2.14 2.30 2.36 2.14 2.30 2.36 2.14 2.30 2.36 2.14 2.30 2.36 2.14 2.30 2.36 2.14 2.30 2.36 2.14 2.30 2.36 2.15 2.15 2.25 2.15 2.25 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 | 2.71 2.32 2.90 1.94 3.75 2.28 2.40 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.40 2.27 2.33 3.70 2.40 2.40 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.40 2.40 2.40 2.40 2.40 2.40 2.40 2.40 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 0.71 0.37 0.46 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.70 0.71 0.75 0.71 0.70 0.71 0.75 0.71 0.70 0.71 0.75 0.71 0.70 0.71 0.75 0.75 0.75 0.75 0.71 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 | 0.70 0.67 1.03 0.59 1.50 1.51 0.78 0.72 0.57 0.74 0.72 0.57 0.72 0.99 0.02 0.72 0.99 0.02 0.02 0.03 0.72 0.99 0.02 0.03 0.72 0.99 0.02 0.03 0.72 0.99 0.02 0.03 0.74 0.72 0.99 0.02 0.03 0.04 0.03 0.04 0.03 0.04 0.03 0.04 0.051 0.051 0.051 0.057 0.051 0.052 0.057 0.051 0.051 0.051 0.051 0.051 0.051 0.04 0.04 0.051 0.051 0.051 0.051 0.051 0.051 0.051 0.051 0.051 0.051 0.051 0.051 0.051 0.051 0.051 0.051 0.051 0.051 0.051 0.04 0.04 0.051 0.051 0.051 0.057 0.055 0.050 0.0 |
| 278 279 280 281 282 283 284 285 286 287 288 290 291 292 293 294 292 293 294 295 296 297 298 299 299 299 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 310 | 5/13/2014 5/13/2 | 14 14 14 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 | $\begin{array}{c} 30\\ 40\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 32\\ 42\\ 48\\ 54\\ 40\\ 5\\ 13\\ 18\\ 24\\ 36\\ 40\\ 46\\ 50\\ 55\\ 11\\ 1\\ 5\\ 5\\ 11\\ 1\\ 5\\ 5\\ 11\\ 1\\ 5\\ 11\\ 30\\ 35\\ 44\\ 45\\ 3\\ 0\\ 111\\ 17\\ 20\\ 24\\ 58\\ 7\\ 7\\ 14\\ 6\\ 53\\ 0\\ 6\\ 53\\ 6\\ 53\\ 7\\ 7\\ 14\\ 58\\ 53\\ 0\\ 6\\ 53\\ 6\\ 53\\ 7\\ 7\\ 14\\ 58\\ 53\\ 0\\ 6\\ 53\\ 53\\ 6\\ 53\\ 6\\ 53\\ 53\\ 6\\ 53\\ 6\\ 53\\ 53\\ 6\\ 53\\ 6\\ 53\\ 6\\ 53\\ 6\\ 6\\ 6\\ 6\\ 6\\ 6\\ 6\\ 6\\ 6\\ 6\\ 6\\ 6\\ 6\\$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.21 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.21 0.25 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.21 0.21 0.21 0.21 0.21 0.22 0.21 0.22 0.21 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1.89\\ 1.90\\ 1.72\\ 1.89\\ 1.90\\ 1.72\\ 1.89\\ 1.90\\ 1.72\\ 1.89\\ 1.90\\ 1.72\\ 1.88\\ 1.90\\ 1.72\\ 1.88\\ 1.90\\ 1.72\\ 1.88\\ 1.90\\ 1.72\\ 1.88\\ 1.90\\ 1.72\\ 1.88\\ 1.90\\ 1.72\\ 1.88\\ 1.90\\ 1.72\\ 1.88\\ 1.90\\ 1.72\\ 1.88\\ 1.90\\ 1.72\\ 1.92\\$ | 0.91 0.84 0.76 0.61 1.02 1.44 1.46 0.58 0.75 0.66 1.28 0.67 1.25 1.04 1.25 1.04 1.25 1.04 0.63 0.51 1.70 0.70 0.63 4.18 0.39 0.207 0.63 4.18 0.39 0.207 0.63 4.18 0.39 0.29 0.29 0.48 0.55 1.36 0.55 0.44 0.45 0.55 0.55 0.55 0.44 0.45 0.55 | $\begin{array}{c} 1.30\\ 1.32\\ 1.32\\ 1.38\\ 1.39\\ 2.25\\ 2.12\\ 1.09\\ 1.49\\ 2.25\\ 2.12\\ 1.09\\ 1.59\\ 1.60\\ 1.31\\ 1.05\\ 1.19\\ 1.18\\ 1.38\\ 1.31\\ 1.57\\ 1.52\\ 1.70\\ 1.30\\ 0.93\\ 1.53\\ 1.38\\ 1.33\\ 1.33\\ 1.55\\ 1.38\\ 1.33\\ 1.55\\ 1.69\\ 1.03\\ 1.69\\ 1.03\\ 1.69\\ 1.03\\ 1.69\\ 1.03\\ 1.69\\ 1.03\\ 1.69\\ 1.03\\ 1.69\\ 1.03\\ 1.69\\ 1.03\\ 1.69\\ 1.03\\ 1.69\\ 1.03\\ 1.69\\ 1.03\\ 1.02\\ 1.36\\ 1.40\\ 1.41\\ 1.74\\ 1.22\\ 0.72\\ 0.99\\ 0.98\\ 1.69\\ 1.03\\ 1.02\\ 1.36\\ 1.40\\ 1.41\\ 1.74\\ 1.22\\ 0.72\\ 0.99\\ 0.98\\ 1.69\\ 1.03\\ 1.02\\ 1.36\\ 1.40\\ 1.41\\ 1.74\\ 1.22\\ 0.98\\ 0.98\\ 0.98\\ 1.69\\ 0.98\\ 1.69\\ 0.98\\$ | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.61 1.61 1.61 1.61 1.61 1.33 1.23 1.23 1.34 1.58 1.93 1.54 1.71 1.33 0.95 2.51 1.21 1.34 2.29 5.2.51 1.31 1.34 2.90 0.79 1.70 1.75 1.06 1.38 1.41 1.42 0.74 0.74 | 1.96 1.96 2.19 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.15 2.15 2.15 2.15 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 3.90 2.36 2.00 1.84 2.32 2.35 1.94 2.35 1.94 2.32 2.04 1.90 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 2.40 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.33 3.70 2.40 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.45 2.09 3.23 7.44 1.98 2.09 3.23 7.44 1.98 2.09 3.23 7.44 2.45 2.05 1.54 1.54 1.54 1.94 2.45 2.05 1.54 1.94 2.45 2.05 1.54 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 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| 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 299 299 299 295 296 297 298 299 299 300 301 302 303 304 305 300 300 300 300 300 311 312 313 313 314 315 316 319 | 5/13/2014 | 14 14 14 14 15 15 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 | $\begin{array}{r} 30\\ 40\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 32\\ 42\\ 48\\ 54\\ 0\\ 5\\ 13\\ 18\\ 24\\ 48\\ 54\\ 40\\ 46\\ 50\\ 55\\ 11\\ 1\\ 30\\ 55\\ 11\\ 1\\ 30\\ 55\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 14\\ 23\\ 37\\ 46\\ 53\\ 0\\ 0\\ 6\\ 6\\ 5\end{array}$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.27 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.22 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.24 0.38 0.44 0.13 0.15 0.22 0.17 0.09 0.12 0.18 0.14 0.18 0.18 0.14 0.18 0.14 0.18 0.14 0.19 0.22 0.21 0.24 0.24 0.17 0.09 0.12 0.18 0.18 0.18 0.19 0.20 0.20 0.21 0.17 0.19 0.22 0.17 0.19 0.22 0.18 0.18 0.14 0.14 0.19 0.22 0.19 0.22 0.19 0.22 0.18 0.19 0.20 0.20 0.18 0.14 0.14 0.14 0.14 0.14 0.15 0.22 0.15 0.20 0.22 0.15 0.22 0.18 0.14 0.15 0.27 0.15 0.27 0.15 0.27 0.15 0.18 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.17 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.14 0.14 0.14 0.15 0.17 0.15 | 0.46 0.47 0.42 0.41 0.50 0.43 0.38 0.38 0.42 0.41 0.42 0.44 0.42 0.44 0.44 0.42 0.44 0.42 0.44 0.43 0.42 0.44 0.43 0.42 0.43 0.42 0.43 0.42 0.43 0.42 0.43 0.42 0.43 0.42 0.43 0.43 0.42 0.43 0.43 0.43 0.44 0.43 0.44 0.44 0.44 | 1.48 1.46 1.60 1.62 1.63 1.55 1.69 1.59 1.71 1.92 1.54 1.59 1.61 1.59 1.62 1.60 1.54 1.57 1.42 1.52 1.58 1.58 1.93 1.83 1.46 0.53 1.42 1.58 1.58 1.58 1.58 1.58 1.58 1.58 1.58 1.62 1.74 2.18 2.01 1.70 1.56 1.83 1.62 1.72 1.89 1.90 1.71 2.09 2.209 2.209 | $\begin{array}{c} 0.91\\ 0.84\\ 0.76\\ 0.61\\ 1.02\\ 1.44\\ 1.46\\ 0.58\\ 0.75\\ 0.66\\ 1.28\\ 0.75\\ 0.66\\ 1.28\\ 0.75\\ 1.04\\ 1.24\\ 0.63\\ 0.51\\ 1.70\\ 0.70\\ 0.63\\ 2.07\\ 0.63\\ 4.18\\ 0.66\\ 0.75\\ 1.36\\ 0.66\\ 0.75\\ 1.36\\ 0.68\\ 0.63\\ 0.51\\ 0.39\\ 0.29\\ 0.48\\ 0.63\\ 0.55\\ 0.28\\ 0.63\\ 0.55\\ 0.28\\ 0.63\\ 0.55\\ 0.28\\ 0.63\\ 0.55\\ 0.39\\ 0.64\\ 0.55\\ 0.28\\ 0.63\\ 0.55\\ 0.39\\ 0.65\\ 0.55\\ 0.39\\ 0.64\\ 0.55\\ 0.39\\ 0.55\\ 0.39\\ 0.65\\ 0.55\\ 0.39\\ 0.65\\ 0.55\\ 0.39\\ 0.65\\ 0.55\\ 0.39\\ 0.65\\ 0.55\\ 0.39\\ 0.55\\ 0.39\\ 0.55\\ 0.39\\ 0.55\\ 0.39\\ 0.55\\ 0.39\\ 0.55\\ 0.39\\ 0.55\\ 0.39\\ 0.55\\ 0.39\\ 0.55\\ 0.39\\ 0.55\\ 0.39\\ 0.55\\ 0.39\\ 0.55\\ 0.39\\ 0.55\\ 0.39\\ 0.55\\ 0.39\\ 0.55\\ 0.34\\$ | 1.30 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.37 1.52 1.70 1.30 0.93 1.53 1.19 1.33 2.25 3.53 1.48 1.33 2.25 3.53 1.48 1.33 1.25 0.89 0.78 1.69 1.02 1.36 1.41 1.74 1.22 0.72 0.88 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.61 1.61 1.61 1.61 1.61 1.33 1.23 1.34 1.53 0.95 2.51 1.24 1.33 0.95 2.51 1.24 1.54 1.27 1.34 2.51 1.24 0.79 1.70 1.06 1.38 1.41 1.42 1.75 1.24 0.74 0.90 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.85 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.15 2.15 2.30 2.36 2.00 2.36 2.00 3.90 2.32 2.33 2.35 1.94 2.32 | 2.71 2.32 2.90 1.94 3.75 2.28 2.40 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.40 2.27 2.33 3.70 2.40 2.40 2.27 2.33 3.70 2.40 2.40 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.40 2.40 2.40 2.40 2.40 2.40 2.40 2.40 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 0.71 0.37 0.46 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.55 0.71 0.75 0.75 0.71 0.75 0.75 0.71 0.75 0.71 0.75 0.75 0.75 0.71 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 0.78 0.72 0.74 0.76 0.72 0.63 0.65 0.08 0.10 1.01 0.65 0.08 0.10 1.01 0.46 0.57 0.57 0.72 0.57 0.74 0.65 0.65 0.02 0.57 0.57 0.57 0.74 0.51 0.72 0.57 0.72 0.57 0.72 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.12 0.57 0.12 0.57 0.12 0.57 0.19 0.55 0.08 0.10 0.51 0.09 0.02 0.02 0.02 0.02 0.02 0.03 0.04 1.01 0.05 0.09 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.01 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.010 0.05 0.02 |
| 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 293 294 292 293 294 295 296 297 298 299 299 300 301 301 302 303 304 305 306 307 308 309 310 311 311 311 315 316 317 318 318 319 320 | 5/13/2014 | 14 14 14 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 | $\begin{array}{c} 30\\ 40\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 32\\ 42\\ 48\\ 54\\ 40\\ 5\\ 13\\ 18\\ 24\\ 36\\ 40\\ 46\\ 50\\ 55\\ 11\\ 1\\ 5\\ 5\\ 11\\ 1\\ 5\\ 5\\ 11\\ 1\\ 1\\ 5\\ 44\\ 45\\ 3\\ 0\\ 111\\ 17\\ 20\\ 24\\ 58\\ 7\\ 7\\ 14\\ 6\\ 53\\ 0\\ 0\\ 6\\ 6\\ 6\\ 17\\ \end{array}$ | 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.22 0.18 0.21 0.22 0.18 0.14 0.22 0.21 0.22 0.21 0.22 0.21 0.23 0.21 0.23 0.21 0.23 0.21 0.23 0.21 0.21 0.23 0.24 0.59 0.25 0.15 0.24 0.59 0.12 0.18 0.14 0.14 0.14 0.18 0.11 | $\begin{array}{c} 0.46 \\ 0.47 \\ 0.47 \\ 0.42 \\ 0.41 \\ 0.50 \\ 0.43 \\ 0.38 \\ 0.30 \\ 0.42 \\ 0.38 \\ 0.30 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.44 \\ 0.42 \\ 0.29 \\ 0.66 \\ 0.30 \\ 0.34 \\ 0.45 \\ 0.43 \\ 0.45 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.43 \\ 0.37 \\ 0.37 \\ 0.31 \\ 0.31 \\ 0.31 \\ 0.31 \\ 0.31 \\ 0.33 \\ 0.25 \\ 0.24 \\ 0.43 \\ 0.37 \\ 0.37 \\ 0.37 \\ 0.31 \\ 0.31 \\ 0.31 \\ 0.33 \\ 0.25 \\ 0.24 \\ 0.37 \\ 0.$ | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.57\\ 1.55\\ 1.69\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.57\\ 1.42\\ 1.52\\ 1.54\\ 1.57\\ 1.42\\ 1.52\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.42\\ 1.72\\ 1.72\\ 1.83\\ 1.42\\ 1.74\\ 1.74\\ 2.18\\ 2.01\\ 1.70\\ 1.56\\ 1.83\\ 1.62\\ 1.72\\ 1.89\\ 1.90\\ 1.71\\ 2.07\\ 2.09\\ 2.26\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.89\\ 1.90\\ 1.71\\ 1.70\\ 1.56\\ 1.83\\ 1.62\\ 1.72\\ 1.72\\ 1.89\\ 1.90\\ 1.71\\ 1.70\\ 1.72\\ 1.89\\ 1.90\\ 1.72\\ 1.72\\ 1.89\\ 1.90\\ 1.72\\$ | $\begin{array}{c} 0.91\\ 0.84\\ 0.76\\ 0.61\\ 1.02\\ 1.44\\ 1.46\\ 0.58\\ 0.75\\ 0.66\\ 1.28\\ 0.75\\ 0.66\\ 1.28\\ 0.75\\ 0.66\\ 1.28\\ 0.63\\ 0.51\\ 1.24\\ 0.63\\ 0.51\\ 1.24\\ 0.63\\ 0.51\\ 1.24\\ 0.63\\ 0.51\\ 1.70\\ 0.70\\ 0.63\\ 4.18\\ 0.39\\ 0.29\\ 0.48\\ 0.58\\ 0.58\\ 0.58\\ 0.58\\ 0.58\\ 0.56\\ 0.228\\ 0.56\\ 0.55\\ 0.39\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.51\\ 0.57\\ 0.49\\ 0.51\\ 0.57\\ 0.49\\ 0.51\\ 0.57\\ 0.49\\ 0.51\\ 0.57\\ 0.49\\ 0.51\\ 0.57\\ 0.49\\ 0.51\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.57\\ 0.49\\ 0.58\\ 0.51\\ 0.51\\ 0.58\\ 0.51\\ 0.58\\ 0.55$ | 1.30 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.31 1.57 1.87 1.52 1.70 1.30 0.93 1.53 1.32 2.25 3.33 1.19 1.30 0.93 1.53 1.53 1.52 3.53 1.48 1.33 1.25 0.89 0.78 1.69 1.03 1.02 1.36 1.40 1.41 1.74 1.22 0.72 0.88 0.94 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.61 1.61 1.61 1.61 1.33 1.23 1.34 1.58 1.33 1.54 1.71 1.33 0.95 2.51 1.21 1.34 2.22 1.51 1.34 2.22 1.51 1.34 2.22 1.51 1.34 1.34 1.26 0.90 0.79 1.05 1.06 1.38 1.41 1.42 0.74 0.97 0.97 | 1.96 1.96 2.19 2.87 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.15 2.15 2.15 2.15 2.15 2.15 2.15 2.15 2.16 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.36 2.00 1.84 2.32 2.35 1.94 2.32 2.04 1.90 1.44 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 2.40 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.33 3.70 2.40 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.28 1.88 1.98 2.09 3.23 7.44 1.98 2.09 3.23 7.44 2.45 2.05 1.84 1.94 2.45 2.05 1.84 1.94 2.45 2.05 1.94 2.45 2.05 1.84 1.94 2.45 2.05 1.84 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.45 2.05 1.94 2.45 2.05 2.14 2.45 2.05 2.14 2.45 2.05 2.14 2.45 2.05 2.14 2.45 2.05 2.14 2.45 2.05 2.14 2.45 2.24 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| 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 299 299 292 295 296 297 298 299 206 297 298 299 200 300 301 302 303 304 305 300 300 300 300 311 312 313 314 315 316 317 318 319 320 | 5/13/2014 5/16/2014 | 14 14 14 14 15 15 15 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 | $\begin{array}{r} 30\\ 40\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 32\\ 42\\ 48\\ 54\\ 6\\ 36\\ 13\\ 18\\ 24\\ 48\\ 50\\ 5\\ 13\\ 18\\ 24\\ 46\\ 50\\ 55\\ 11\\ 13\\ 36\\ 40\\ 46\\ 55\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 14\\ 23\\ 37\\ 46\\ 53\\ 0\\ 0\\ 6\\ 17\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 2$ | 0.24 0.24 0.20 0.20 0.27 0.22 0.18 0.21 0.18 0.14 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.21 0.25 0.21 0.25 0.21 0.25 0.21 0.25 0.21 0.22 0.21 0.13 0.14 0.13 0.14 0.18 0.14 0.18 0.14 0.18 0.14 0.18 0.11 | 0.46 0.47 0.42 0.41 0.50 0.43 0.38 0.42 0.43 0.42 0.44 0.44 0.42 0.44 0.44 0.42 0.44 0.42 0.44 0.42 0.44 0.43 0.42 0.44 0.43 0.42 0.43 0.42 0.43 0.42 0.43 0.42 0.43 0.42 0.43 0.42 0.43 0.44 0.43 0.44 0.43 0.44 0.44 0.44 | 1.48 1.46 1.60 1.62 1.63 1.55 1.69 1.59 1.71 1.92 1.54 1.59 1.60 1.54 1.59 1.62 1.60 1.54 1.57 1.42 1.52 1.58 1.58 1.96 0.94 1.93 1.46 0.53 1.42 1.74 2.18 2.01 1.70 1.56 1.83 1.62 1.72 1.89 1.90 1.71 2.09 2.26 1.76 | $\begin{array}{c} 0.91\\ 0.84\\ 0.76\\ 0.61\\ 1.02\\ 1.44\\ 1.46\\ 0.58\\ 0.75\\ 0.66\\ 1.28\\ 0.75\\ 0.66\\ 1.28\\ 0.75\\ 1.04\\ 1.24\\ 0.63\\ 0.51\\ 1.70\\ 0.70\\ 0.63\\ 2.07\\ 0.63\\ 4.18\\ 0.66\\ 0.75\\ 1.36\\ 0.66\\ 0.75\\ 1.36\\ 0.68\\ 0.63\\ 0.51\\ 0.39\\ 0.29\\ 0.48\\ 0.63\\ 0.55\\ 0.28\\ 0.63\\ 0.55\\ 0.57\\ 0.49\\ 0.48\\ 0.63\\ 0.55\\ 0.28\\ 0.63\\ 0.55\\ 0.57\\ 0.49\\ 0.48\\ 0.63\\ 0.55\\ 0.28\\ 0.63\\ 0.55\\ 0.34\\ 0.88\\ 0.63\\ 0.51\\ 0.39\\ 0.29\\ 0.48\\ 0.63\\ 0.55\\ 0.28\\ 0.51\\ 0.39\\ 0.29\\ 0.48\\ 0.63\\ 0.55\\ 0.28\\ 0.51\\ 0.39\\ 0.29\\ 0.48\\ 0.63\\ 0.55\\ 0.28\\ 0.51\\ 0.39\\ 0.49\\ 0.44\\ 0.85\\ 0.34\\ 0.85\\ 0.75\\ 0.75\\ 0.75\\ 0.49\\ 0.85\\ 0.51\\ 0.57\\ 0.49\\ 0.85\\ 0.57\\ 0.49\\ 0.85\\ 0.57\\ 0.49\\ 0.85\\ 0.57\\ 0.49\\ 0.85\\ 0.57\\ 0.49\\ 0.85\\ 0.57\\ 0.49\\ 0.85\\ 0.57\\ 0.49\\ 0.85\\ 0.57\\ 0.58\\$ | 1.30 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.33 1.57 1.87 1.52 1.70 1.30 0.93 1.53 1.19 1.33 2.25 3.53 1.48 1.33 2.25 3.53 1.48 1.33 2.25 3.53 1.48 1.33 1.25 0.89 0.78 1.02 1.36 1.41 1.74 1.22 0.72 0.88 0.94 | $\begin{array}{c} 1.34\\ 1.36\\ 1.63\\ 1.63\\ 1.40\\ 2.17\\ 1.10\\ 1.61\\ 1.33\\ 1.23\\ 1.23\\ 1.23\\ 1.23\\ 1.23\\ 1.23\\ 1.23\\ 1.23\\ 1.23\\ 1.23\\ 1.23\\ 1.34\\ 1.53\\ 1.23\\ 1.34\\ 1.53\\ 1.21\\ 1.33\\ 0.95\\ 2.51\\ 1.21\\ 1.33\\ 0.95\\ 2.51\\ 1.21\\ 1.34\\ 1.26\\ 0.99\\ 0.95\\ 2.51\\ 1.21\\ 1.34\\ 1.26\\ 0.99\\ 1.70\\ 1.05\\ 1.06\\ 1.38\\ 1.41\\ 1.42\\ 1.75\\ 1.24\\ 0.74\\ 0.90\\ 0.97\\ 1.25\\ 1.24\\ 0.90\\ 0.97\\ 1.25\\ 1.24\\ 0.90\\ 0.97\\ 1.25\\ 1.24\\ 0.90\\ 0.97\\ 1.25\\ 1.24\\ 0.90\\ 0.97\\ 1.25\\ 1.24\\ 0.90\\ 0.97\\ 1.25\\ 1.24\\ 0.90\\ 0.97\\ 1.25\\ 1.24\\ 0.90\\ 0.97\\ 1.25\\ 1.24\\ 0.90\\ 0.97\\ 1.25\\ 1.24\\ 0.90\\ 0.97\\ 1.25\\ 1.24\\ 0.90\\ 0.97\\ 1.25\\ 1.24\\ 0.90\\ 0.97\\ 1.25\\ 0.98\\ 0.97\\ 1.25\\ 0.98\\ 0.97\\ 1.25\\ 0.98\\ 0.97\\ 0.97\\ 1.25\\ 0.98\\ 0.97\\$ | 1.96 1.96 2.19 2.85 3.61 2.90 1.85 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.30 2.36 2.00 1.84 2.32 2.33 2.35 1.94 2.32 2.04 | 2.71 2.32 2.90 1.94 3.75 2.28 2.40 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.40 2.27 2.33 3.70 2.40 2.40 2.40 2.40 2.40 2.40 2.40 2.4 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 0.71 0.37 0.46 0.71 0.37 0.46 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.55 0.71 0.75 0.75 0.71 0.75 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.75 0.71 0.93 0.65 0.71 0.75 0.71 0.93 0.65 0.71 0.93 0.65 0.71 0.93 0.65 0.71 0.93 0.65 0.71 0.93 0.65 0.71 0.93 0.65 0.71 0.93 0.65 0.71 0.93 0.65 0.71 0.93 0.65 0.71 0.93 0.65 0.71 0.93 0.65 0.71 0.75 0.71 0.93 0.65 0.71 0.93 0.65 0.71 0.93 0.65 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.0 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 0.72 0.39 0.48 0.12 0.57 0.74 0.51 0.72 0.57 0.74 0.51 0.72 0.57 0.72 0.39 0.48 0.12 0.57 0.74 0.51 0.72 0.57 0.72 0.57 0.74 0.51 0.72 0.57 0.74 0.51 0.72 0.57 0.72 0.57 0.74 0.51 0.72 0.57 0.72 0.57 0.72 0.57 0.74 0.51 0.72 0.57 0.72 0.57 0.72 0.57 0.74 0.51 0.72 0.57 0.74 0.51 0.72 0.57 0.74 0.51 0.72 0.53 0.72 0.53 0.72 0.53 0.72 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.08 0.10 0.51 0.57 0.57 0.57 0.74 0.51 0.72 0.57 0.74 0.51 0.72 0.57 0.74 0.51 0.72 0.51 0.74 0.51 0.72 0.57 0.51 0.74 0.51 0.74 0.51 0.72 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.57 0.02 0.57 0.09 0.02 0.57 0.09 0.02 0.05 0.09 0.02 0.05 0.09 0.02 0.03 0.010 0.05 0.02 |
| 278 279 280 281 282 283 284 285 286 287 288 290 291 292 293 293 294 292 293 294 295 296 297 298 299 299 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 | 5/13/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 14 14 14 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 | 30 40 54 4 10 18 24 32 42 42 48 54 6 54 54 54 54 54 54 54 54 55 13 18 24 36 40 40 55 13 18 24 54 54 54 54 54 54 54 54 54 5 | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.21 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.21 0.25 0.22 0.21 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.23 0.23 0.21 0.21 0.21 0.21 0.21 0.22 0.21 0.22 0.21 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.24 0.59 0.22 0.17 0.09 0.12 0.18 0.22 0.18 0.18 0.14 0.18 0.20 0.19 0.20 0.19 0.19 0.20 0.18 0.14 0.18 0.14 0.18 0.14 0.18 0.14 0.18 0.14 0.18 0.14 0.18 0.19 0.20 0.18 0.18 0.18 0.118 0.118 0.118 0.12 0.22 0.12 0.2 | 0.46 0.47 0.42 0.41 0.50 0.43 0.38 0.38 0.38 0.30 0.44 0.42 0.44 0.42 0.44 0.42 0.44 0.42 0.44 0.42 0.44 0.42 0.44 0.42 0.44 0.43 0.44 0.43 0.44 0.43 0.44 0.43 0.44 0.43 0.44 0.43 0.44 0.43 0.44 0.43 0.44 0.43 0.44 0.43 0.44 0.43 0.44 0.43 0.44 0.44 | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.59\\ 1.59\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.57\\ 1.42\\ 1.52\\ 1.54\\ 1.57\\ 1.42\\ 1.52\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.46\\ 0.53\\ 1.42\\ 1.72\\ 1.72\\ 1.83\\ 1.60\\ 1.58\\ 1.96\\ 0.94\\ 1.93\\ 1.83\\ 1.62\\ 1.72\\ 1.72\\ 1.89\\ 1.90\\ 1.72\\ 1.72\\ 1.89\\ 1.90\\ 1.71\\ 2.07\\ 2.09\\ 2.26\\ 1.72\\ 1.72\\ 1.76\\ 1.68\\ 1.68\\ 1.68\\ 1.68\\ 1.68\\ 1.68\\ 1.72\\$ | $\begin{array}{c} 0.91\\ 0.84\\ 0.76\\ 0.61\\ 1.02\\ 1.44\\ 1.46\\ 0.58\\ 0.75\\ 0.66\\ 1.28\\ 0.75\\ 0.66\\ 1.28\\ 0.75\\ 0.66\\ 1.28\\ 0.63\\ 0.51\\ 1.24\\ 0.63\\ 0.51\\ 1.24\\ 0.63\\ 0.51\\ 1.70\\ 0.70\\ 0.68\\ 0.51\\ 1.36\\ 0.68\\ 0.75\\ 1.36\\ 0.68\\ 0.75\\ 1.36\\ 0.63\\ 0.51\\ 0.39\\ 0.63\\ 0.56\\ 0.228\\ 0.63\\ 0.56\\ 0.228\\ 0.63\\ 0.55\\ 0.5$ | 1.30 1.32 1.38 1.39 1.49 2.25 2.12 1.09 1.59 1.60 1.31 1.05 1.19 1.18 1.31 1.57 1.87 1.52 1.70 1.30 0.93 1.53 1.33 2.25 3.53 1.19 1.33 2.25 3.53 1.48 1.33 1.25 0.89 0.78 1.69 1.03 1.02 1.36 1.40 1.41 1.74 1.22 0.72 0.88 0.94 1.23 | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.33 1.23 1.34 1.58 1.33 0.95 2.51 1.33 0.95 2.51 1.33 0.95 2.51 1.34 2.29 5.22 1.51 1.34 2.52 1.51 1.34 1.35 1.06 1.38 1.38 1.41 1.42 0.74 0.97 1.25 1.55 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.89 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.36 2.15 2.15 2.15 2.15 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.36 2.00 2.36 2.00 1.84 2.32 2.35 1.94 2.32 2.04 1.90 1.44 2.32 2.04 1.90 1.40 2.22 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.33 3.70 2.40 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.27 2.33 3.70 2.40 2.41 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.33 3.70 2.40 2.40 2.40 2.41 2.27 2.33 3.70 2.40 2.40 2.41 2.28 1.98 1.98 2.09 3.23 7.74 1.98 2.05 1.94 2.28 1.98 2.09 3.23 7.74 1.98 2.05 1.94 2.29 2.40 2.21 2.27 2.33 3.70 2.40 2.40 2.40 2.40 2.40 2.40 2.40 2.4 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 0.71 0.37 0.46 0.71 0.55 0.71 0.55 0.71 0.51 0.75 1.20 0.71 0.51 0.75 1.20 0.71 0.55 0.71 0.75 0.75 0.71 0.75 0.75 0.75 0.75 0.75 0.75 0.71 0.75 0.75 0.75 0.70 0.75 0.75 0.75 0.75 | 0.70 0.67 1.03 0.78 0.59 1.50 1.51 0.78 0.72 0.39 0.48 0.72 0.57 0.74 0.51 0.76 1.23 0.72 0.99 -0.02 -0.12 0.83 0.72 0.99 -0.02 -0.12 0.57 0.19 0.65 0.65 0.74 0.51 0.76 0.74 0.51 0.76 0.74 0.51 0.76 0.72 0.99 -0.02 -0.12 0.57 0.19 0.65 0.72 0.99 -0.02 -0.12 0.57 0.19 0.65 0.65 0.74 0.51 0.72 0.99 -0.02 -0.12 0.57 0.19 0.65 0.08 0.10 0.57 0.19 0.65 0.08 0.10 0.57 0.19 0.65 0.08 0.10 0.57 0.19 0.65 0.08 0.10 0.57 0.19 0.65 0.08 0.10 0.57 0.19 0.65 0.08 0.10 0.57 0.57 0.19 0.65 0.08 0.10 0.57 0.19 0.65 0.08 0.08 0.10 0.57 0.57 0.19 0.65 0.08 0.08 0.10 0.57 0.57 0.19 0.65 0.08 0.08 0.10 0.57 0.57 0.19 0.65 0.08 0.02 0. |
| 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 299 292 293 294 295 296 297 298 299 299 300 301 302 303 304 305 303 304 305 303 306 307 308 309 311 312 313 314 315 316 317 318 319 320 | 5/13/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 5/16/2014 | 14 14 14 14 15 15 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 | $\begin{array}{r} 30\\ 40\\ 40\\ 54\\ 4\\ 10\\ 18\\ 24\\ 32\\ 42\\ 48\\ 54\\ 6\\ 36\\ 40\\ 46\\ 50\\ 55\\ 11\\ 36\\ 40\\ 46\\ 50\\ 55\\ 11\\ 30\\ 55\\ 11\\ 30\\ 55\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 11\\ 17\\ 20\\ 24\\ 58\\ 7\\ 14\\ 23\\ 37\\ 46\\ 53\\ 0\\ 0\\ 6\\ 17\\ 27\\ 33\\ 33\\ 37\\ 35\\ 35\\ 55\\ 11\\ 10\\ 10\\ 20\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 1$ | 0.24 0.24 0.21 0.20 0.27 0.22 0.18 0.21 0.27 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.22 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.25 0.23 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.21 0.22 0.21 0.24 0.24 0.59 0.22 0.17 0.09 0.12 0.18 0.18 0.14 0.18 0.14 0.18 0.14 0.19 0.22 0.17 0.09 0.12 0.18 0.14 0.18 0.14 0.19 0.22 0.17 0.19 0.17 0.09 0.17 0.19 0.10 0.18 0.14 0.11 0.11 0.12 0.17 0.09 0.12 0.17 0.19 0.10 0.17 0.19 0.10 0.11 0.11 0.12 0.17 0.19 0.12 0.11 0.12 0.12 0.17 0.19 0.12 0.11 0.11 0.12 0.17 0.19 0.12 0.11 0.12 | 0.46 0.47 0.42 0.41 0.50 0.43 0.38 0.42 0.43 0.42 0.44 0.44 0.42 0.44 0.42 0.44 0.42 0.44 0.42 0.44 0.42 0.44 0.43 0.42 0.44 0.43 0.42 0.43 0.42 0.44 0.43 0.42 0.44 0.43 0.42 0.44 0.43 0.42 0.44 0.43 0.44 0.42 0.44 0.44 0.42 0.44 0.44 0.44 | $\begin{array}{c} 1.48\\ 1.46\\ 1.60\\ 1.62\\ 1.63\\ 1.59\\ 1.59\\ 1.71\\ 1.92\\ 1.54\\ 1.59\\ 1.60\\ 1.54\\ 1.59\\ 1.62\\ 1.54\\ 1.57\\ 1.42\\ 1.52\\ 1.58\\$ | $\begin{array}{c} 0.91\\ 0.84\\ 0.76\\ 0.61\\ 1.02\\ 1.44\\ 1.46\\ 0.58\\ 0.75\\ 0.66\\ 1.28\\ 0.75\\ 0.66\\ 1.28\\ 0.75\\ 1.04\\ 1.24\\ 0.63\\ 0.51\\ 1.70\\ 0.70\\ 0.63\\ 0.51\\ 0.75\\ 0.63\\ 0.66\\ 0.75\\ 1.36\\ 0.66\\ 0.75\\ 0.63\\ 0.51\\ 0.39\\ 0.29\\ 0.48\\ 0.63\\ 0.56\\ 0.28\\ 0.63\\ 0.55\\ 0.28\\ 0.63\\ 0.55\\ 0.28\\ 0.63\\ 0.55\\ 0.28\\ 0.63\\ 0.55\\ 0.28\\ 0.63\\ 0.55\\ 0.28\\ 0.63\\ 0.55\\ 0.28\\ 0.63\\ 0.55\\ 0.28\\ 0.63\\ 0.55\\ 0.28\\ 0.63\\ 0.55\\ 0.28\\ 0.51\\ 0.39\\ 0.29\\ 0.44\\ 0.85\\ 0.34\\ 0.85\\ 0.34\\ 0.85\\ 0.75\\ 0.61\\ 0.75\\ 0.61\\ 0.75\\ 0.61\\ 0.56\\ 0.75\\ 0.61\\ 0.56\\ 0.75\\ 0.61\\ 0.56\\ 0.75\\ 0.61\\$ | $\begin{array}{c} 1.30\\ 1.32\\ 1.32\\ 1.38\\ 1.39\\ 1.49\\ 2.25\\ 2.12\\ 1.09\\ 1.59\\ 1.60\\ 1.31\\ 1.05\\ 1.19\\ 1.18\\ 1.38\\ 1.31\\ 1.57\\ 1.18\\ 1.38\\ 1.31\\ 1.57\\ 1.18\\ 1.38\\ 1.31\\ 1.57\\ 1.18\\ 1.38\\ 1.31\\ 1.57\\ 1.52\\ 1.70\\ 1.30\\ 0.93\\ 1.53\\ 1.19\\ 1.33\\ 1.25\\ 0.89\\ 0.78\\ 1.69\\ 1.02\\ 1.36\\ 1.41\\ 1.74\\ 1.22\\ 0.72\\ 0.88\\ 0.94\\ 1.23\\ 1.53\\ 1.24\\ 1.25\\ 0.88\\ 0.94\\ 1.23\\ 1.53\\ 1.25\\ 0.88\\ 0.94\\ 1.23\\ 1.53\\ 1.25\\ 0.88\\ 0.94\\ 1.23\\ 1.23\\ 1.54\\ 1.23\\ 1.53\\ 1.25\\ 0.88\\ 0.94\\ 1.23\\ 1.53\\ 1.25\\ 0.88\\ 0.94\\ 1.23\\ 1.54\\ 1.23\\ 1.54\\ 1.55\\ 0.88\\ 0.94\\ 1.23\\ 1.54\\ 1.55\\ 0.88\\ 0.94\\ 1.23\\ 1.54\\ 1.55\\ 0.88\\ 0.94\\ 1.23\\ 1.54\\ 1.55\\ 0.88\\ 0.94\\ 1.23\\ 1.54\\ 1.55\\ 0.88\\ 0.94\\ 1.23\\ 1.54\\ 1.55\\ 0.88\\ 0.94\\ 1.23\\ 1.54\\ 1.55\\ 0.88\\ 0.94\\ 1.23\\ 1.54\\ 1.55\\ 0.88\\ 0.94\\ 1.53\\ 0.94\\ 1.53\\ 0.94\\ 1.53\\ 0.94\\ 1.53\\ 0.94\\ 1.53\\ 0.94\\ 0.94\\ 1.53\\ 0.94\\ 0.94\\ 1.53\\ 0.94\\$ | 1.34 1.36 1.63 1.40 1.57 2.40 2.17 1.10 1.61 1.61 1.61 1.61 1.61 1.33 1.23 1.23 1.34 1.58 1.93 1.54 1.51 1.34 2.51 1.51 1.24 0.95 2.51 1.51 1.24 0.79 1.70 1.05 1.06 1.38 1.44 1.42 0.75 1.24 0.74 0.90 0.97 1.25 1.55 | 1.96 1.96 2.27 1.92 2.85 3.61 2.90 1.85 2.15 2.36 2.15 2.36 2.15 2.15 2.15 2.15 2.16 1.84 1.94 2.00 2.36 2.00 2.36 2.00 2.36 2.00 2.36 2.00 2.36 2.00 2.36 2.00 3.90 2.36 2.00 1.84 2.32 2.33 2.35 1.94 2.32 2.04 1.90 1.46 2.23 | 2.71 2.32 2.90 1.94 3.75 3.37 1.94 2.28 2.40 2.28 1.94 2.28 1.94 2.28 1.94 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.27 2.33 3.70 2.40 2.40 2.27 2.33 3.70 2.40 2.40 2.40 2.40 2.40 2.40 2.40 2.4 | 0.68 0.66 1.01 0.77 0.57 1.40 1.50 0.71 0.37 0.46 0.71 0.37 0.46 0.71 0.55 0.71 0.55 0.71 0.51 0.75 1.20 0.71 0.75 0.71 0.98 0.05 0.71 0.98 0.05 0.03 0.71 0.98 0.05 0.03 0.65 0.03 0.65 0.08 0.03 0.05 0.03 0.65 0.08 0.03 0.03 0.05 0.03 0.05 0.05 0.05 0.71 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 | 0.70 0.67 1.03 0.59 1.50 1.51 0.78 0.72 0.57 0.74 0.51 0.72 0.65 0.65 0.65 0.08 0.10 1.01 0.65 0.08 0.10 1.01 0.46 0.65 0.08 0.10 0.40 0.51 0.72 0.57 0.74 0.72 0.65 0.02 0.57 0.74 0.51 0.72 0.65 0.02 0.57 0.74 0.51 0.72 0.72 0.74 0.72 0.72 0.72 0.72 0.74 0.72 0.72 0.74 0.72 0.72 0.74 0.72 0.72 0.72 0.72 0.72 0.74 0.72 0.72 0.72 0.72 0.72 0.74 0.72 0.72 0.72 0.72 0.72 0.72 0.72 0.72 0.74 0.72 0.72 0.57 0.19 0.65 0.08 0.10 0.40 0.40 0.99 0.02 0.76 0.76 0.75 0.10 0.75 0.10 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.72 0.72 0.72 0.72 0.72 0.72 0.72 0.72 0.72 0.72 0.75 0.19 0.70 0.75 0.10 0.75 0.10 0.75 0.10 0.75 0.10 0.75 0.10 0.75 0.10 0.75 0.02 0.75 0.02 0.75 0.02 0.75 0.05 0.05 0.05 0.07 0.02 0.75 0.07 0.75 0.07 0.75 0.07 0.75 0.07 0.75 0.07 0.75 0.07 0.07 0.75 0.076 0.77 0.76 0.76 0.77 0.76 0.77 0.76 0.77 0.76 0.77 0.76 0.76 0.77 0.76 0.77 0.76 0.76 0.77 0.76 0.77 0.76 0.76 0.77 0.77 0.77 0.77 0.77 0.77 0.77 |

| 324 | 5/16/2014 | 9 | 44 | 0.21 | 0.42 | 1.60 | 0.52 | 1 43 | 1 44 | 1.98 | 2.03 | 0.81 | 0.82 |
|-----|-----------|----|----|------|------|------|-------|------|------|------|------|-------|-------|
| 325 | 5/16/2014 | 9 | 50 | 0.23 | 0.45 | 1.52 | 0.49 | 1.27 | 1.29 | 1.89 | 1.92 | 0.35 | 0.36 |
| 326 | 5/16/2014 | 9 | 58 | 0.14 | 0.31 | 1.89 | 0.98 | 0.79 | 0.82 | 1.05 | 2.46 | 0.05 | 0.05 |
| 320 | 5/16/2014 | 10 | 0 | 0.14 | 0.41 | 1.61 | 1.36 | 1.07 | 1.10 | 2.24 | 2.40 | 0.00 | 0.05 |
| 229 | 5/16/2014 | 10 | 15 | 0.20 | 0.41 | 1.64 | 0.70 | 1.07 | 1.10 | 2.24 | 2.44 | 1.02 | 1.02 |
| 328 | 5/16/2014 | 10 | 21 | 0.20 | 0.41 | 1.04 | 0.79 | 1.50 | 1.37 | 2.13 | 2.23 | 1.02 | 1.02 |
| 329 | 5/10/2014 | 10 | 21 | 0.21 | 0.42 | 1.00 | 0.90 | 1.09 | 1.71 | 2.35 | 2.37 | 0.70 | 1.02 |
| 330 | 5/16/2014 | 10 | 28 | 0.20 | 0.41 | 1.02 | 0.58 | 1.68 | 1.70 | 2.40 | 2.30 | 0.79 | 0.80 |
| 331 | 5/16/2014 | 10 | 35 | 0.17 | 0.36 | 1./5 | 0.58 | 1.45 | 1.4/ | 2.01 | 2.09 | 0.81 | 0.82 |
| 332 | 5/16/2014 | 10 | 41 | 0.20 | 0.40 | 1.65 | 0.79 | 1.33 | 1.34 | 2.15 | 2.26 | 0.57 | 0.58 |
| 333 | 5/16/2014 | 10 | 47 | 0.10 | 0.23 | 2.11 | 0.85 | 0.74 | 0.75 | 1.41 | 1.44 | 0.04 | 0.04 |
| 334 | 5/16/2014 | 10 | 52 | 0.21 | 0.42 | 1.60 | 0.67 | 0.61 | 0.62 | 1.32 | 1.36 | -0.23 | -0.22 |
| 335 | 5/16/2014 | 11 | 3 | 0.22 | 0.44 | 1.53 | 0.60 | 1.04 | 1.07 | 2.13 | 2.30 | 0.15 | 0.16 |
| 336 | 5/16/2014 | 11 | 9 | 0.22 | 0.44 | 1.55 | 0.59 | 0.50 | 0.51 | 1.36 | 1.43 | -0.33 | -0.32 |
| 337 | 5/16/2014 | 11 | 14 | 0.16 | 0.35 | 1.80 | 0.68 | 0.87 | 0.89 | 1.93 | 2.04 | -0.31 | -0.29 |
| 338 | 5/16/2014 | 11 | 21 | 0.19 | 0.40 | 1.66 | 0.56 | 1.25 | 1.26 | 1.96 | 1.98 | 0.47 | 0.48 |
| 339 | 5/16/2014 | 11 | 40 | 0.22 | 0.44 | 1.54 | 0.77 | 1.97 | 2.00 | 2.82 | 2.93 | 1.19 | 1.20 |
| 340 | 5/16/2014 | 11 | 45 | 0.21 | 0.42 | 1.60 | 0.47 | 1.46 | 1.47 | 2.08 | 2.15 | 0.87 | 0.87 |
| 341 | 5/16/2014 | 11 | 51 | 0.14 | 0.30 | 1.92 | 3.30 | 0.95 | 0.96 | 1.73 | 1.78 | 0.10 | 0.10 |
| 342 | 5/16/2014 | 11 | 57 | 0.15 | 0.32 | 1.86 | 0.58 | 0.80 | 0.81 | 1.88 | 2.01 | 0.00 | 0.01 |
| 343 | 5/16/2014 | 12 | 3 | 0.58 | 0.80 | 0.56 | 10.75 | 3.63 | | 3.92 | | 3.17 | |
| 344 | 5/16/2014 | 12 | 30 | 0.35 | 0.60 | 1.10 | 2.40 | 3.13 | 3.55 | 3.84 | | | 1.97 |
| 345 | 5/16/2014 | 12 | 39 | 0.11 | 0.26 | 2.04 | 0.90 | 0.64 | 0.67 | 1.46 | 1.74 | -0.23 | -0.21 |
| 346 | 5/16/2014 | 12 | 44 | 0.21 | 0.42 | 1.59 | 0.54 | 1.26 | 1.27 | 1.90 | 1.95 | 0.63 | 0.63 |
| 347 | 5/16/2014 | 12 | 51 | 0.21 | 0.42 | 1.60 | 0.95 | 1.77 | 1.80 | 2.58 | 2.80 | 0.86 | 0.88 |
| 348 | 5/16/2014 | 12 | 56 | 0.24 | 0.47 | 1.47 | 0.94 | 2.32 | 2.35 | 2.95 | 3.00 | 1.41 | 1.44 |
| 349 | 5/16/2014 | 13 | 6 | 0.24 | 0.47 | 1.46 | 1.51 | 2.28 | 2.30 | 2.96 | 3.14 | 1.56 | 1.58 |
| 350 | 5/16/2014 | 13 | 18 | 0.11 | 0.26 | 2.05 | 0.40 | 1.22 | 1.23 | 1.84 | 1.87 | 0.58 | 0.58 |
| 351 | 5/16/2014 | 13 | 24 | 0.09 | 0.21 | 2.18 | 0.58 | 0.91 | 0.92 | 1.62 | 1 70 | 0.15 | 0.16 |
| 352 | 5/16/2014 | 13 | 37 | 0.10 | 0.24 | 2.08 | 0.66 | 0.64 | 0.67 | 1.67 | 1.88 | -0.37 | -0.35 |
| 353 | 5/16/2014 | 13 | 55 | 0.54 | 0.77 | 0.63 | 6.60 | | | 3.69 | | | 0.00 |
| 354 | 5/16/2014 | 14 | 3 | 0.14 | 0.31 | 1.90 | 0.53 | 0.69 | 0.71 | 1 39 | 1.42 | | |
| 355 | 5/16/2014 | 14 | 11 | 0.20 | 0.40 | 1.64 | 0.44 | 1.58 | 1.59 | 1.97 | 1.99 | 1.06 | 1.06 |
| 356 | 5/16/2014 | 14 | 17 | 0.20 | 0.40 | 1.04 | 0.44 | 2.13 | 2.14 | 2.46 | 2.58 | 1.63 | 1.63 |
| 357 | 5/16/2014 | 14 | 25 | 0.21 | 0.45 | 1.57 | 0.83 | 1.91 | 1.93 | 2.40 | 2.56 | 1.05 | 1.05 |
| 259 | 5/16/2014 | 14 | 20 | 0.25 | 0.40 | 1.31 | 1.24 | 1.02 | 1.09 | 2.04 | 2.25 | 1.20 | 1.21 |
| 250 | 5/16/2014 | 14 | 32 | 0.20 | 0.49 | 1.39 | 0.52 | 1.95 | 1.98 | 1.06 | 1.09 | 0.77 | 0.79 |
| 339 | 5/16/2014 | 14 | 52 | 0.14 | 0.52 | 1.00 | 5.79 | 1.40 | 1.41 | 2.20 | 1.96 | 0.77 | 0.78 |
| 261 | 5/16/2014 | 14 | | 0.42 | 0.07 | 0.91 | 3.78 | 0.04 | 0.05 | 3.39 | 1.40 | 0.20 | 0.21 |
| 301 | 5/10/2014 | 15 | 12 | 0.10 | 0.23 | 2.11 | 0.04 | 1.25 | 0.93 | 1.47 | 2.02 | 0.50 | 0.31 |
| 362 | 5/16/2014 | 15 | 12 | 0.18 | 0.37 | 1./3 | 0.74 | 1.23 | 1.20 | 1.97 | 2.02 | 0.40 | 0.41 |
| 303 | 5/16/2014 | 15 | 19 | 0.22 | 0.43 | 1.55 | 0.63 | 1.81 | 1.82 | 2.50 | 2.60 | 1.07 | 1.08 |
| 304 | 5/10/2014 | 15 | 20 | 0.22 | 0.44 | 1.54 | 0.92 | 1.8/ | 1.09 | 2.46 | 2.59 | 1.11 | 1.12 |
| 305 | 5/10/2014 | 15 | 45 | 0.21 | 0.43 | 1.5/ | 0.64 | 1.84 | 1.80 | 2.37 | 2.08 | 1.08 | 1.09 |
| 267 | 5/16/2014 | 15 | 20 | 0.12 | 0.28 | 1.99 | 0.41 | 1.21 | 1.22 | 2.00 | 2.07 | 0.53 | 0.53 |
| 367 | 5/16/2014 | 16 | 12 | 0.23 | 0.45 | 1.52 | 0.61 | 1.79 | 1.80 | 2.55 | 2.65 | 1.05 | 1.06 |
| 368 | 5/16/2014 | 16 | 12 | 0.15 | 0.32 | 1.86 | 0.45 | 1.42 | 1.43 | 2.04 | 2.10 | 0.65 | 0.65 |
| 369 | 5/16/2014 | 16 | 18 | 0.18 | 0.37 | 1.73 | 2.44 | 0.96 | 0.98 | 2.42 | 2.54 | -0.76 | -0.73 |
| 370 | 5/16/2014 | 16 | 27 | 0.23 | 0.45 | 1.50 | 1.52 | 1.80 | 1.86 | 2.64 | 3.57 | 1.05 | 1.08 |
| 3/1 | 5/16/2014 | 16 | 39 | 0.37 | 0.62 | 1.03 | 2.69 | 2.94 | 1.10 | 3.81 | 1.05 | 2.15 | 2.47 |
| 372 | 5/16/2014 | 16 | 46 | 0.17 | 0.36 | 1.75 | 0.43 | 1.17 | 1.18 | 1.92 | 1.95 | 0.37 | 0.38 |
| 373 | 5/16/2014 | 16 | 57 | 0.16 | 0.34 | 1.82 | 0.38 | 1.01 | 1.03 | 2.38 | 2.47 | | |
| 374 | 5/16/2014 | 17 | 4 | 0.19 | 0.39 | 1.68 | 0.48 | 1.42 | 1.42 | 2.10 | 2.15 | 0.72 | 0.72 |
| 375 | 5/16/2014 | 17 | 8 | 0.15 | 0.33 | 1.83 | 0.44 | 1.51 | 1.52 | 2.26 | 2.33 | 0.91 | 0.92 |
| 376 | 5/16/2014 | 17 | 14 | 0.10 | 0.24 | 2.09 | 0.36 | 1.21 | 1.22 | 1.84 | 1.86 | 0.55 | 0.55 |
| 377 | 5/16/2014 | 17 | 23 | 0.13 | 0.29 | 1.94 | 0.29 | 1.30 | 1.31 | 1.91 | 1.93 | 0.59 | 0.60 |
| 378 | 5/16/2014 | 17 | 28 | 0.19 | 0.39 | 1.69 | 0.43 | 1.24 | 1.26 | 2.15 | 2.21 | 0.35 | 0.36 |
| 379 | 5/16/2014 | 17 | 34 | 0.20 | 0.40 | 1.64 | 0.57 | 1.11 | 1.13 | 2.03 | 2.17 | 0.19 | 0.20 |
| 380 | 5/16/2014 | 17 | 40 | 0.28 | 0.51 | 1.34 | 2.12 | 2.97 | 3.54 | 3.84 | | 0.97 | 1.08 |
| 381 | 5/17/2014 | 8 | 1 | 0.20 | 0.41 | 1.63 | 0.56 | 1.34 | 1.35 | 2.33 | 2.53 | 0.65 | 0.66 |
| 382 | 5/17/2014 | 10 | 33 | 0.24 | 0.46 | 1.47 | 0.69 | 1.39 | 1.42 | 2.32 | 2.83 | 0.70 | 0.72 |
| | | | | | | | | | | | | | |

A.4 Critical Shear Stresses

| Core ID | Critical shear stress D | Critical shear stress D. | Critical shear stress D. |
|---------|---------------------------------|---------------------------------|--|
| Cole ID | Clitical silear siless D_{50} | Critical silear siless D_{10} | Ciffical silear siless D ₉₀ |
| 1 | 0.1301 | 0.0257 | 0.1347 |
| 2 | 0.1944 | 0.0325 | 0.2464 |
| 3 | 0.1975 | 0.0699 | 0.2540 |
| 4 | 0.2028 | 0.1056 | 0.2672 |
| 5 | 0.2082 | 0.1226 | 0.3454 |
| 6 | 0.2109 | 0.1232 | 0.3425 |
| 7 | 0.1372 | 0.0236 | 0.1392 |
| 8 | 0.2959 | 0.1958 | 0.6468 |
| 9 | 0.2230 | 0.1856 | 0.2824 |
| 10 | 0.1691 | 0.0453 | 0.1895 |
| 11 | 0.1899 | 0.1572 | 0.2351 |
| 12 | 0.1720 | 0.1396 | 0.2149 |
| 13 | 0.1354 | 0.0245 | 0.1427 |
| 14 | 0.2643 | 0.0675 | 0.4328 |

| 1.5 | 0.24(7 | 0.0373 | 0.3550 |
|-----|--------|--------|--------|
| 15 | 0.2467 | 0.0/// | 0.3579 |
| 16 | 0.2246 | 0.1763 | 0.2983 |
| 17 | 0.2015 | 0.1207 | 0.2569 |
| 18 | 0.2071 | 0.1413 | 0.2622 |
| 19 | 0.1825 | 0.0276 | 0.2177 |
| 20 | 0.2832 | 0.2066 | 0.4822 |
| 21 | 0.2495 | 0.0569 | 0.4018 |
| 22 | 0.2601 | 0.2022 | 0.3835 |
| 23 | 0.2590 | 0.2014 | 0.3725 |
| 24 | 0.2168 | 0.1712 | 0.3349 |
| 25 | 0.1975 | 0.1695 | 0.2326 |
| 26 | 0.1594 | 0.0389 | 0.1988 |
| 27 | 0.1504 | 0.0258 | 0.1750 |
| 28 | 0.2999 | 0.1034 | 0.4730 |
| 29 | 0.2461 | 0.0566 | 0.3430 |
| 30 | 0.2341 | 0.1769 | 0.3306 |
| 31 | 0.1917 | 0.1474 | 0.2930 |
| 32 | 0.2274 | 0.0223 | 0.1098 |
| 33 | 0.2405 | 0.1724 | 0.3913 |
| 34 | 0.2277 | 0.1693 | 0.3804 |
| 35 | 0.2294 | 0.1812 | 0.3428 |
| 36 | 0.2190 | 0.1876 | 0.2565 |
| 37 | 0.2263 | 0.1911 | 0.2789 |
| 38 | 0.2276 | 0.1127 | 0.3005 |
| 39 | 0.2304 | 0.1751 | 0.3420 |
| 40 | 0.1887 | 0.0308 | 0.2174 |
| 41 | 0.1321 | 0.0311 | 0.1457 |
| 42 | 0.2024 | 0.0771 | 0.2612 |
| 43 | 0.1976 | 0.0444 | 0.2638 |
| 44 | 0.2109 | 0.1716 | 0.3036 |
| 45 | 0.1299 | 0.0251 | 0.1338 |
| 46 | 0.2125 | 0.1318 | 0.3191 |
| 47 | 0.1306 | 0.0249 | 0.1345 |
| 48 | 0.1945 | 0.0345 | 0.2576 |
| 49 | 0.2080 | 0.1336 | 0.2900 |
| 50 | 0.1991 | 0.0543 | 0.2601 |
| 51 | 0.1846 | 0.0349 | 0.2346 |
| 52 | 0.2223 | 0.1418 | 0.3374 |
| 53 | 0.2194 | 0.0286 | 0.2811 |
| 54 | 0.2566 | 0.1859 | 0.4714 |
| 55 | 0.2444 | 0.1717 | 0.6393 |
| 56 | 0.2227 | 0.1602 | 0.3160 |
| 57 | 0.2524 | 0.1688 | 0.4857 |
| 58 | 0.2345 | 0.1862 | 0.3272 |
| 59 | 0.2245 | 0.1910 | 0.2848 |
| 60 | 0.2710 | 0.1797 | 0.4366 |
| 61 | 0.2190 | 0.1529 | 0.3047 |
| 62 | 0.2532 | 0.1996 | 0.3447 |
| 63 | 0.2547 | 0.1928 | 0.6246 |
| 64 | 0.1302 | 0.0233 | 0.1291 |
| 65 | 0.1293 | 0.0230 | 0.1259 |
| 66 | 0.1303 | 0.0242 | 0.1329 |
| 67 | 0.1340 | 0.0258 | 0.1548 |

| 68 | 0 1907 | 0.0524 | 0 2335 |
|-----|--------|--------|--------|
| 69 | 0.1307 | 0.0321 | 0 4294 |
| 70 | 0.2061 | 0.1618 | 0.2738 |
| 71 | 0 1921 | 0 1360 | 0 3069 |
| 72 | 0 2323 | 0 1260 | 1 2059 |
| 73 | 0.2648 | 0 1044 | 0 3818 |
| 74 | 0.2682 | 0.0537 | 0.4372 |
| 75 | 0.1418 | 0.0249 | 0.1604 |
| 76 | 0.1623 | 0.0759 | 0 1871 |
| 77 | 0.2020 | 0.1382 | 0.2666 |
| 78 | 0.2860 | 0.1935 | 0.4692 |
| 79 | 0 2394 | 0.0418 | 0.4212 |
| 80 | 0 1363 | 0.0260 | 0 1488 |
| 81 | 0 2110 | 0.0674 | 0 3326 |
| 82 | 0 2381 | 0 1817 | 0.4147 |
| 83 | 0 1989 | 0.0490 | 0 2394 |
| 84 | 0 2083 | 0.0286 | 0 2568 |
| 85 | 0 2740 | 0 1009 | 0 4367 |
| 86 | 0.2127 | 0.0236 | 0.155 |
| 87 | 0 2451 | 0 1937 | 0.4015 |
| 88 | 0 2630 | 0 1962 | 0 4156 |
| 89 | 0 2217 | 0 1140 | 0 3294 |
| 90 | 0 1457 | 0.0235 | 0 1461 |
| 91 | 0.2058 | 0.1783 | 0.2482 |
| 92 | 0.4537 | 0.1917 | 1.1252 |
| 93 | 0 2509 | 0.0256 | 0 3582 |
| 94 | 0 2923 | 0 1928 | 0 4960 |
| 95 | 0.1672 | 0.1233 | 0.1868 |
| 96 | 0.2422 | 0.1945 | 0.3374 |
| 97 | 0.2612 | 0.1943 | 0.4294 |
| 98 | 0.2870 | 0.1979 | 0.5590 |
| 99 | 0.3361 | 0.0619 | 0.6684 |
| 100 | 0.2320 | 0.1761 | 0.3087 |
| 101 | 0.1869 | 0.1510 | 0.3027 |
| 102 | 0.2002 | 0.1160 | 0.2496 |
| 103 | 0.1801 | 0.0275 | 0.2057 |
| 104 | 0.2274 | 0.1855 | 0.3261 |
| 105 | 0.2500 | 0.0456 | 0.4220 |
| 106 | 0.1296 | 0.0238 | 0.1309 |
| 107 | 0.1349 | 0.0237 | 0.1367 |
| 108 | 0.1317 | 0.0663 | 0.1458 |
| 109 | 0.2054 | 0.0429 | 0.2968 |
| 110 | 0.1921 | 0.0746 | 0.2796 |
| 111 | 0.1844 | 0.0283 | 0.2176 |
| 112 | 0.1958 | 0.0401 | 0.2814 |
| 113 | 0.1967 | 0.0325 | 0.2593 |
| 114 | 0.1363 | 0.0253 | 0.1637 |
| 115 | 0.2217 | 0.1245 | 0.2582 |
| 116 | 0.2092 | 0.1207 | 0.2589 |
| 117 | 0.2721 | 0.2184 | 0.3885 |
| 118 | 0.1649 | 0.0342 | 0.2100 |
| 119 | 0.2204 | 0.0680 | 0.3195 |
| 120 | 0.1293 | 0.0225 | 0.1136 |

| 121 | 0 2974 | 0 1932 | 0 4993 |
|-----|--------|--------|--------|
| 121 | 0 2321 | 0.0845 | 0.4586 |
| 123 | 0 2099 | 0.0015 | 0 2913 |
| 123 | 0 2004 | 0.1383 | 0.3076 |
| 125 | 0 2098 | 0.1796 | 0 2589 |
| 125 | 0.1419 | 0.0526 | 0.1617 |
| 120 | 0.2536 | 0.1943 | 0.1617 |
| 127 | 0.2217 | 0.1647 | 0.4573 |
| 120 | 0.2217 | 0.1815 | 0.1375 |
| 130 | 0 2099 | 0.1765 | 0.2613 |
| 131 | 0 2377 | 0.1263 | 0 3230 |
| 132 | 0 2399 | 0 1810 | 0 3642 |
| 133 | 0.2463 | 0.1738 | 0.4174 |
| 134 | 0.2324 | 0.1920 | 0.3197 |
| 135 | 0.2235 | 0.1920 | 0.2766 |
| 136 | 0.1293 | 0.0225 | 0.1133 |
| 137 | 0.2968 | 0.1238 | 0.5769 |
| 138 | 0.1743 | 0.0371 | 0.2117 |
| 139 | 0.1831 | 0.0753 | 0.2124 |
| 140 | 0.1729 | 0.0994 | 0.2143 |
| 141 | 0.1884 | 0.1277 | 0.2433 |
| 142 | 0.2081 | 0.1722 | 0.2755 |
| 143 | 0.1944 | 0.0306 | 0.2387 |
| 144 | 0.2797 | 0.0897 | 0.4434 |
| 145 | 0.2567 | 0.2025 | 0.3424 |
| 146 | 0.3357 | 0.1586 | 0.6070 |
| 147 | 0.1306 | 0.0248 | 0.1343 |
| 148 | 0.1304 | 0.0239 | 0.1321 |
| 149 | 0.2515 | 0.0439 | 0.3807 |
| 150 | 0.2499 | 0.0648 | 0.3610 |
| 151 | 0.2110 | 0.1222 | 0.2797 |
| 152 | 0.2123 | 0.1632 | 0.2722 |
| 153 | 0.1678 | 0.0973 | 0.1882 |
| 154 | 0.2041 | 0.0442 | 0.2643 |
| 155 | 0.2362 | 0.0713 | 0.5004 |
| 156 | 0.2671 | 0.0388 | 0.4070 |
| 157 | 0.1385 | 0.0287 | 0.1686 |
| 158 | 0.1573 | 0.0285 | 0.2043 |
| 159 | 0.1323 | 0.0247 | 0.1366 |
| 160 | 0.3163 | 0.0458 | 1.4479 |
| 161 | 0.2495 | 0.0535 | 0.3429 |
| 162 | 0.2197 | 0.0441 | 0.2785 |
| 163 | 0.2353 | 0.1233 | 1.6532 |
| 164 | 0.2065 | 0.0738 | 0.2511 |
| 165 | 0.1376 | 0.0259 | 0.1556 |
| 166 | 0.2057 | 0.0602 | 0.2632 |
| 167 | 0.2025 | 0.0965 | 0.2802 |
| 168 | 0.1980 | 0.0903 | 0.5596 |
| 169 | 0.1869 | 0.0618 | 0.2789 |
| 170 | 0.2054 | 0.1081 | 0.3088 |
| 171 | 0.1956 | 0.0651 | 0.2793 |
| 172 | 0.1435 | 0.0333 | 0.2101 |
| 173 | 0.1993 | 0.0500 | 0.2601 |

| 174 | 0 1409 | 0.0415 | 0 1853 |
|-----|-----------|--------|-----------|
| 175 | 0.1510 | 0.0424 | 0 2002 |
| 176 | 0 1 3 0 7 | 0.0235 | 0 1 3 0 9 |
| 177 | 0 1457 | 0.0255 | 0 2037 |
| 178 | 0 2072 | 0.1230 | 0 2676 |
| 179 | 0.1916 | 0.0894 | 0 2443 |
| 180 | 0 2034 | 0.0728 | 0 3342 |
| 181 | 0.1362 | 0.0270 | 0.1910 |
| 182 | 0.1502 | 0.1338 | 0.4547 |
| 183 | 0.1891 | 0.0771 | 0.1317 |
| 184 | 0.1819 | 0.0473 | 0.2112 |
| 185 | 0 2224 | 0.1693 | 0.3305 |
| 186 | 0 2199 | 0.1828 | 0 3093 |
| 187 | 0.21) | 0.0665 | 0.4005 |
| 188 | 0.2082 | 0.0605 | 0.1009 |
| 189 | 0.2504 | 0.0005 | 0.6201 |
| 190 | 0.2515 | 0.1899 | 0.0201 |
| 190 | 0.2515 | 0.0376 | 0.4520 |
| 191 | 0.1000 | 0.0970 | 0.2035 |
| 192 | 0.2201 | 0.0991 | 0.3040 |
| 193 | 0.2478 | 0.1692 | 1 4174 |
| 194 | 0.2435 | 0.1002 | 0 3247 |
| 196 | 0.2386 | 0.1922 | 0.3164 |
| 190 | 0.1971 | 0.1024 | 0 2397 |
| 197 | 0.1971 | 0.1024 | 0.25)7 |
| 190 | 0.2077 | 0.1/21 | 0.2000 |
| 200 | 0.2022 | 0.1857 | 0.3501 |
| 200 | 0.2420 | 0.1037 | 0.3418 |
| 202 | 0.1977 | 0.1616 | 0 2429 |
| 202 | 0.11/7 | 0.1732 | 0.2129 |
| 203 | 0 2354 | 0.1577 | 0.3455 |
| 201 | 0 2345 | 0.1753 | 0.3782 |
| 205 | 0.1323 | 0.0257 | 0.1378 |
| 200 | 0.1325 | 0.1603 | 0.1570 |
| 208 | 0.1927 | 0.0674 | 0 2441 |
| 200 | 0 2459 | 0 1838 | 0 3339 |
| 210 | 0 2542 | 0.1762 | 0.4423 |
| 210 | 0.1595 | 0.0337 | 0.1965 |
| 212 | 0 2170 | 0 1847 | 0 2826 |
| 212 | 0.2198 | 0 1883 | 0 2628 |
| 214 | 0 2281 | 0.0762 | 0 3542 |
| 215 | 0 1737 | 0.0634 | 0 2220 |
| 216 | 0 2065 | 0 1747 | 0 2607 |
| 217 | 0 2326 | 0 1784 | 0 3394 |
| 218 | 0 2647 | 0.0881 | 0.6075 |
| 219 | 0.2955 | 0.2087 | 0.5418 |
| 220 | 0 2501 | 0 1963 | 0 3283 |
| 223 | 0 2667 | 0 2141 | 0 4077 |
| 222 | 0 2462 | 0 1977 | 0 3428 |
| 223 | 0.2049 | 0.1721 | 0.2577 |
| 224 | 0 1704 | 0.0307 | 0 2321 |
| 225 | 0.1439 | 0.0260 | 0.1604 |
| 226 | 0.1933 | 0.0439 | 0.2166 |
| 227 | 0 2387 | 0 1820 | 0 4363 |
|-----|--------|--------|--------|
| 228 | 0 2775 | 0 2003 | 0.4589 |
| 229 | 0 2781 | 0 1648 | 0 4429 |
| 230 | 0 2468 | 0 1999 | 0 3321 |
| 231 | 0 2460 | 0 1737 | 0 4171 |
| 232 | 0 1922 | 0 1540 | 0 2216 |
| 233 | 0 2278 | 0 1925 | 0 2971 |
| 234 | 0 2641 | 0.1975 | 0.5150 |
| 235 | 0 2358 | 0 1701 | 0 3371 |
| 236 | 0 1490 | 0.0309 | 0 2721 |
| 237 | 0 1837 | 0 1360 | 0 2443 |
| 238 | 0 2243 | 0 1738 | 0 3587 |
| 239 | 0.1995 | 0.0413 | 0.2418 |
| 240 | 0.1908 | 0.0510 | 0.2509 |
| 241 | 0.2457 | 0.1127 | 0.3373 |
| 242 | 0.1457 | 0.0383 | 0.2037 |
| 243 | 0.1836 | 0.0352 | 0.2320 |
| 244 | 0.1303 | 0.0241 | 0.1327 |
| 245 | 0.1503 | 0.0261 | 0.1958 |
| 246 | 0.1343 | 0.0286 | 0.1830 |
| 247 | 0.2509 | 0.1974 | 0.3339 |
| 248 | 0.1913 | 0.0540 | 0.2396 |
| 249 | 0.1996 | 0.1260 | 0.2490 |
| 250 | 0.2165 | 0.1749 | 0.3225 |
| 251 | 0.2227 | 0.0254 | 0.3117 |
| 252 | 0.2875 | 0.1847 | 0.5829 |
| 253 | 0.1310 | 0.0247 | 0.1349 |
| 254 | 0.1738 | 0.0562 | 0.2203 |
| 255 | 0.2242 | 0.1810 | 0.3106 |
| 256 | 0.2231 | 0.1851 | 0.2978 |
| 257 | 0.1745 | 0.0275 | 0.1984 |
| 258 | 0.1784 | 0.0535 | 0.2096 |
| 259 | 0.2405 | 0.0710 | 0.3540 |
| 260 | 0.1293 | 0.0225 | 0.1166 |
| 261 | 0.1293 | 0.0228 | 0.1229 |
| 262 | 0.1968 | 0.0338 | 0.2440 |
| 263 | 0.1364 | 0.0293 | 0.2001 |
| 264 | 0.1945 | 0.0861 | 0.2516 |
| 265 | 0.2049 | 0.0611 | 0.2811 |
| 266 | 0.1926 | 0.0379 | 0.2385 |
| 267 | 0.1978 | 0.0805 | 0.2524 |
| 268 | 0.2246 | 0.0421 | 0.2932 |
| 269 | 0.2054 | 0.0729 | 0.2531 |
| 270 | 0.1293 | 0.0230 | 0.1264 |
| 271 | 0.1979 | 0.0465 | 0.2441 |
| 272 | 0.2329 | 0.0561 | 0.3083 |
| 273 | 0.2218 | 0.0496 | 0.2849 |
| 274 | 0.8842 | 0.1750 | 1.6955 |
| 275 | 0.1801 | 0.0370 | 0.2100 |
| 276 | 0.2013 | 0.1587 | 0.2358 |
| 277 | 0.1696 | 0.0369 | 0.2001 |
| 278 | 0.2332 | 0.1631 | 0.3051 |
| 279 | 0.2316 | 0.1770 | 0.3092 |

| 200 | 0.2124 | 0 15(7 | 0.2(00 |
|-----|--------|--------|--------|
| 280 | 0.2124 | 0.1567 | 0.2600 |
| 281 | 0.2260 | 0.1928 | 0.2928 |
| 282 | 0.2189 | 0.1288 | 0.3240 |
| 283 | 0.1/9/ | 0.0817 | 0.2179 |
| 284 | 0.1847 | 0.1412 | 0.2170 |
| 285 | 0.2532 | 0.1930 | 0.7265 |
| 286 | 0.2120 | 0.1784 | 0.3009 |
| 287 | 0.2115 | 0.1740 | 0.3680 |
| 288 | 0.2325 | 0.1785 | 0.3473 |
| 289 | 0.2568 | 0.1926 | 0.4423 |
| 290 | 0.2430 | 0.1927 | 0.3288 |
| 291 | 0.2438 | 0.1701 | 1.2885 |
| 292 | 0.2266 | 0.1465 | 0.2992 |
| 293 | 0.2321 | 0.1788 | 0.3393 |
| 294 | 0.2135 | 0.1765 | 0.2950 |
| 295 | 0.1965 | 0.1305 | 0.2393 |
| 296 | 0.2164 | 0.1738 | 0.3009 |
| 297 | 0.2056 | 0.1735 | 0.2641 |
| 298 | 0.2332 | 0.1784 | 0.4916 |
| 299 | 0.2717 | 0.1956 | 0.5321 |
| 300 | 0.2156 | 0.0341 | 0.2852 |
| 301 | 0.2427 | 0.1912 | 0.3614 |
| 302 | 0.2310 | 0.1860 | 0.3847 |
| 303 | 0.1795 | 0.1458 | 0.2122 |
| 304 | 0.1362 | 0.0243 | 0.1431 |
| 305 | 0.2194 | 0.1722 | 0.3290 |
| 306 | 0.2309 | 0.1878 | 0.4213 |
| 307 | 0.2370 | 0.1966 | 0.3128 |
| 308 | 0.2770 | 0.2152 | 0.4549 |
| 309 | 0.2920 | 0.2206 | 0.4507 |
| 310 | 0.2058 | 0.1748 | 0.2619 |
| 311 | 0.2592 | 0.1931 | 0.3644 |
| 312 | 0.2610 | 0.1662 | 0.7452 |
| 313 | 0.2280 | 0.1732 | 1.3726 |
| 314 | 0.2255 | 0.1732 | 0.3744 |
| 315 | 0.2244 | 0.1919 | 0.3092 |
| 316 | 0.2032 | 0.1755 | 0.2517 |
| 317 | 0.2399 | 0.1841 | 1.1676 |
| 318 | 0.3020 | 0.1918 | 1.5200 |
| 319 | 0.2775 | 0.2186 | 0.4056 |
| 320 | 0.2705 | 0.1727 | 0.5471 |
| 321 | 0.2393 | 0.1858 | 0.3913 |
| 322 | 0.2152 | 0.1775 | 0.2960 |
| 323 | 0.2142 | 0.1773 | 0.3337 |
| 324 | 0.2230 | 0.1889 | 0.2865 |
| 325 | 0.2354 | 0.1937 | 0.3741 |
| 326 | 0.2901 | 0.1717 | 0.4649 |
| 327 | 0.2555 | 0.1725 | 0.4469 |
| 328 | 0.2140 | 0.1796 | 0.2606 |
| 329 | 0.2057 | 0.1750 | 0.2605 |
| 330 | 0.2067 | 0.1682 | 0.2897 |
| 331 | 0.2211 | 0.1860 | 0.2869 |
| 332 | 0.2310 | 0.1793 | 0.3271 |

| r | | | |
|-----|--------|--------|--------|
| 333 | 0.2985 | 0.2224 | 0.4690 |
| 334 | 0.3203 | 0.2280 | 0.5792 |
| 335 | 0.2590 | 0.1778 | 0.4300 |
| 336 | 0.3428 | 0.2231 | 0.6320 |
| 337 | 0.2789 | 0.1881 | 0.6157 |
| 338 | 0.2372 | 0.1908 | 0.3470 |
| 339 | 0.1913 | 0.1559 | 0.2416 |
| 340 | 0.2209 | 0.1835 | 0.2790 |
| 341 | 0.2687 | 0.2012 | 0.4476 |
| 342 | 0.2896 | 0.1898 | 0.4825 |
| 343 | 0.1328 | 0.0225 | 0.1144 |
| 344 | 0.1491 | 0.0387 | 0.1913 |
| 345 | 0.3150 | 0.2030 | 0.5768 |
| 346 | 0.2364 | 0.1926 | 0.3168 |
| 347 | 0.2016 | 0.1601 | 0.2783 |
| 348 | 0.1768 | 0.1535 | 0.2225 |
| 349 | 0.1785 | 0.1490 | 0.2129 |
| 350 | 0.2401 | 0.1961 | 0.3260 |
| 351 | 0.2745 | 0.2055 | 0.4302 |
| 352 | 0.3146 | 0.1958 | 0.6498 |
| 353 | 1.2296 | 0.0251 | 1.4739 |
| 354 | 0.3061 | 0.2239 | 1.3555 |
| 355 | 0.2126 | 0.1908 | 0.2564 |
| 356 | 0.1846 | 0.1676 | 0.2095 |
| 357 | 0.1946 | 0.1552 | 0.2413 |
| 358 | 0.1934 | 0.1413 | 0.2412 |
| 359 | 0.2254 | 0.1909 | 0.2926 |
| 360 | 1.3701 | 0.0264 | 1.6202 |
| 361 | 0.2706 | 0.2187 | 0.3867 |
| 362 | 0.2377 | 0.1891 | 0.3630 |
| 363 | 0.1996 | 0.1669 | 0.2542 |
| 364 | 0.1961 | 0.1671 | 0.2500 |
| 365 | 0.1978 | 0.1642 | 0.2530 |
| 366 | 0.2409 | 0.1872 | 0.3360 |
| 367 | 0.2006 | 0.1650 | 0.2563 |
| 368 | 0.2235 | 0.1856 | 0.3127 |
| 369 | 0.2684 | 0.1689 | 0.9149 |
| 370 | 0.1997 | 0.1348 | 0.2544 |
| 371 | 0.1553 | 0.0272 | 0.1712 |
| 372 | 0.2452 | 0.1926 | 0.3704 |
| 373 | 0.2623 | 0.1714 | 1.4983 |
| 374 | 0.2239 | 0.1836 | 0.3011 |
| 375 | 0.2174 | 0.1766 | 0.2731 |
| 376 | 0.2412 | 0.1966 | 0.3319 |
| 377 | 0.2333 | 0.1932 | 0.3234 |
| 378 | 0.2381 | 0.1812 | 0.3752 |
| 379 | 0.2510 | 0.1828 | 0.4181 |
| 380 | 0.1545 | 0.0416 | 0.2542 |
| 381 | 0.2302 | 0.1692 | 0.3116 |
| 382 | 0.2260 | 0.1592 | 0.3017 |
| 383 | 0.1722 | 0.0556 | 0.2276 |

Appendix B: Water Column Data

B.1 Anchor Station Data

| Cast | Date | Hour | Minute | Second | Latitude | Longitude | taub qsl | ustar |
|------|---------|------|--------|--------|-------------|-------------|----------|-------------|
| 1 | 5/14/13 | 14 | 40 | nan | 41.3374 | 72.35728333 | 0.8833 | 0.02951448 |
| 2 | 5/14/13 | 15 | 2 | nan | 41.3374 | 72.35728333 | 0.6787 | 0.025871401 |
| 3 | 5/14/13 | 15 | 21 | nan | 41.33738333 | 72.35695 | 0.7058 | 0.026382859 |
| 4 | 5/15/13 | 6 | 42 | nan | 41.27975 | 72.34735 | 0.0849 | 0.00915029 |
| 5 | 5/15/13 | 7 | 5 | nan | 41.27943333 | 72.34665 | 0.1051 | 0.010180811 |
| 6 | 5/15/13 | 7 | 25 | nan | 41.2796 | 72.34661667 | 0.1404 | 0.011766968 |
| 7 | 5/15/13 | 7 | 41 | nan | 41.2796 | 72.34661667 | 0.0497 | 0.007000986 |
| 8 | 5/15/13 | 8 | 2 | nan | 41.2796 | 72.34661667 | 0.0342 | 0.005807565 |
| 9 | 5/15/13 | 8 | 20 | nan | 41.27961667 | 72.34666667 | 0.0318 | 0.005600085 |
| 10 | 5/15/13 | 8 | 40 | nan | 41.27953333 | 72.34665 | 0.0737 | 0.0085254 |
| 11 | 5/15/13 | 11 | 18 | nan | 41.29511667 | 72.34928333 | 0.7476 | 0.027152866 |
| 12 | 5/15/13 | 11 | 37 | nan | 41.2951 | 72.34928333 | 1.0202 | 0.031719306 |
| 13 | 5/15/13 | 12 | 0 | nan | 41.28988333 | 72.35058333 | 0.1457 | 0.011987008 |
| 14 | 5/15/13 | 12 | 23 | nan | 41.28985 | 72.3506 | 0.1837 | 0.013459707 |
| 15 | 5/15/13 | 12 | 43 | nan | 41.28985 | 72.3506 | 0.2515 | 0.015748892 |
| 16 | 5/15/13 | 13 | 2 | nan | 41.28988333 | 72.35055 | 0.4861 | 0.021894944 |
| 17 | 5/15/13 | 13 | 22 | nan | 41.28985 | 72.35056667 | 0.3575 | 0.01877669 |
| 18 | 5/16/13 | 8 | 9 | nan | 41.30793333 | 72.34951667 | 0.1671 | 0.012837169 |
| 19 | 5/16/13 | 8 | 37 | nan | 41.30793333 | 72.34955 | 0.1717 | 0.013012663 |
| 20 | 5/16/13 | 8 | 52 | nan | 41.30793333 | 72.34951667 | 0.0697 | 0.008290819 |
| 21 | 5/16/13 | 9 | 10 | nan | 41.30791667 | 72.3495 | 0.0334 | 0.005739238 |
| 22 | 5/16/13 | 9 | 33 | nan | 41.30793333 | 72.34946667 | 0.0997 | 0.009915819 |
| 23 | 5/16/13 | 9 | 55 | nan | 41.30793333 | 72.34943333 | 0.0643 | 0.00796318 |
| 24 | 5/16/13 | 10 | 10 | nan | 41.3079 | 72.34948333 | 0.0797 | 0.008865642 |
| 25 | 5/16/13 | 10 | 55 | nan | 41.27436667 | 72.34128333 | 0.0062 | 0.002472731 |
| 26 | 5/16/13 | 11 | 15 | nan | 41.27443333 | 72.34125 | 0.0077 | 0.002755665 |
| 27 | 5/16/13 | 11 | 38 | nan | 41.27443333 | 72.34116667 | 0.1855 | 0.013525489 |
| 28 | 5/16/13 | 11 | 53 | nan | 41.27448333 | 72.34111667 | 0.3493 | 0.0185601 |
| 29 | 5/16/13 | 12 | 19 | nan | 41.27473333 | 72.3412 | 0.5408 | 0.023094011 |
| 30 | 5/16/13 | 12 | 40 | nan | 41.27471667 | 72.34123333 | 0.5625 | 0.023552786 |
| 31 | 11/5/13 | 8 | 53 | nan | 41.33916667 | 72.36091667 | 0.2706 | 0.01633597 |
| 32 | 11/5/13 | 9 | 18 | nan | 41.33913333 | 72.361 | 0.3347 | 0.018168074 |
| 33 | 11/5/13 | 9 | 40 | 44 | 41.33905 | 72.36101667 | 0.3638 | 0.018941413 |
| 34 | 11/5/13 | 10 | 1 | 53 | 41.33918333 | 72.361 | 0.3455 | 0.018458867 |
| 35 | 11/5/13 | 10 | 17 | 17 | 41.33916667 | 72.36098333 | 0.3674 | 0.0190349 |
| 36 | 11/5/13 | 10 | 35 | 16 | 41.33916667 | 72.36101667 | 0.5313 | 0.022890271 |
| 37 | 11/5/13 | 10 | 51 | 21 | 41.33925 | 72.36101667 | 0.7018 | 0.026307992 |
| 38 | 11/5/13 | 11 | 7 | 18 | 41.33921667 | 72.36101667 | 0.9127 | 0.030001644 |

| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | 0.030047628 0.024659416 0.019601554 0.015629462 0.015882955 0.014981909 0.006822633 0.002242674 0.002432521 0.001748485 0.002646124 0.002646124 0.002646124 0.002646124 0.002591859 0.005891859 0.005063697 0.003846154 0.002307692 0.000543928 |
|--|--|
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 0.024659416 0.019601554 0.015629462 0.015882955 0.014981909 0.006822633 0.002242674 0.002432521 0.001748485 0.002646124 0.002646124 0.002646124 0.002646124 0.002646124 0.002791223 0.005891859 0.005063697 0.003846154 0.002307692 0.000543928 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 0.019601554 0.015629462 0.01582955 0.014981909 0.006822633 0.002242674 0.002432521 0.001748485 0.002646124 0.002646124 0.002646124 0.002791223 0.005891859 0.005063697 0.003846154 0.002307692 0.000543928 |
| 42 $11/5/13$ 12 9 15 41.33925 72.3608 0.2477 43 $11/5/13$ 12 28 0 41.33923333 72.36081667 0.2558 44 $11/5/13$ 12 47 5 41.33925 72.36085 0.2276 45 $11/5/13$ 13 4 59 41.3391667 72.36055 0.0472 46 $11/5/13$ 13 25 25 41.3381667 72.36036667 0.0051 47 $11/5/13$ 13 25 25 41.33876667 72.360355 0.0060 48 $11/5/13$ 13 57 20 41.33876667 72.36038333 0.0031 49 $11/5/13$ 14 20 50 41.33876667 72.36038333 0.0071 50 $11/5/13$ 14 20 50 41.33878333 72.36038333 0.0071 50 $11/5/13$ 14 56 25 41.33871667 72.3602 0.0079 52 $11/5/13$ 15 50 36 41.33855 72.3598333 0.0352 53 $11/5/13$ 15 50 36 41.33845 72.3598333 0.0054 56 $11/5/13$ 16 7 46 41.33845 72.35963333 0.0003 57 $11/6/13$ 8 6 7 41.2831 72.34835 3.8484 58 $11/6/13$ 8 59 39 41.2837 72.34835 3.8484 | 0.015629462 0.015882955 0.014981909 0.006822633 0.002242674 0.002432521 0.001748485 0.002646124 0.006691276 0.002791223 0.005891859 0.005063697 0.003846154 0.002307692 0.000543928 |
| 43 $11/5/13$ 12280 41.33923333 72.36081667 0.255844 $11/5/13$ 12475 41.33925 72.36085 0.227645 $11/5/13$ 13459 41.33916667 72.36055 0.047246 $11/5/13$ 132525 41.3381667 72.36036667 0.005147 $11/5/13$ 132525 41.33876667 72.36036667 0.006048 $11/5/13$ 135720 41.33876667 72.36038333 0.003149 $11/5/13$ 142050 41.33876667 72.36038333 0.007150 $11/5/13$ 143819 41.33878333 72.36038333 0.007150 $11/5/13$ 145625 41.33871667 72.3602 0.007952 $11/5/13$ 151459 41.33851667 72.35998333 0.035253 $11/5/13$ 155036 41.33855 72.35983333 0.015055 $11/5/13$ 16746 41.33845 72.35965 0.005456 $11/5/13$ 162518 41.33846667 72.34835 3.8484 58 $11/6/13$ 867 41.2831 72.34835 3.8484 60 $11/6/13$ 85939 41.28366667 72.34835 3.8484 61 $11/6/13$ 93457 41.2837 72.34845 3.8484 < | 0.015882955 0.014981909 0.006822633 0.002242674 0.002432521 0.001748485 0.002646124 0.006691276 0.002791223 0.005891859 0.005063697 0.003846154 0.002307692 0.000543928 |
| 44 $11/5/13$ 12 47 5 41.33925 72.36085 0.2276 45 $11/5/13$ 13 4 59 41.33916667 72.36055 0.0472 46 $11/5/13$ 13 25 25 41.3381667 72.36036667 0.0051 47 $11/5/13$ 13 41 16 41.33876667 72.36035 0.0060 48 $11/5/13$ 13 57 20 41.33876667 72.3603333 0.0031 49 $11/5/13$ 14 20 50 41.3388 72.36038333 0.0071 50 $11/5/13$ 14 20 50 41.33876667 72.36033333 0.0071 50 $11/5/13$ 14 56 25 41.33871667 72.3602 0.0079 52 $11/5/13$ 15 14 59 41.33851667 72.35998333 0.0352 53 $11/5/13$ 15 50 36 41.33855 72.3598333 0.0150 54 $11/5/13$ 16 7 46 41.33845 72.35965 0.0054 56 $11/5/13$ 16 25 18 41.3384667 72.34835 3.8484 58 $11/6/13$ 8 25 22 41.2832 72.34836667 3.8484 60 $11/6/13$ 8 59 39 41.28366667 72.3485 3.8484 61 $11/6/13$ 9 34 57 41.2837 72.34845 3.8484 <td>0.014981909 0.006822633 0.002242674 0.002432521 0.001748485 0.002646124 0.006691276 0.002791223 0.005891859 0.005063697 0.003846154 0.002307692 0.000543928</td> | 0.014981909 0.006822633 0.002242674 0.002432521 0.001748485 0.002646124 0.006691276 0.002791223 0.005891859 0.005063697 0.003846154 0.002307692 0.000543928 |
| 45 $11/5/13$ 13 4 59 41.33916667 72.36055 0.0472 46 $11/5/13$ 13 25 25 41.33881667 72.36036667 0.0051 47 $11/5/13$ 13 41 16 41.33876667 72.36035 0.0060 48 $11/5/13$ 13 57 20 41.33876667 72.36038333 0.0031 49 $11/5/13$ 14 20 50 41.33876667 72.36038333 0.0071 50 $11/5/13$ 14 20 50 41.33876667 72.36033333 0.0071 50 $11/5/13$ 14 56 25 41.33871667 72.3602 0.0079 52 $11/5/13$ 15 14 59 41.33871667 72.35928333 0.0352 53 $11/5/13$ 15 50 36 41.33851667 72.3598333 0.0150 54 $11/5/13$ 15 50 36 41.33845 72.35965 0.0054 56 $11/5/13$ 16 25 18 41.33846667 72.34835 3.8484 58 $11/6/13$ 8 25 22 41.2832 72.34836667 3.8484 59 $11/6/13$ 8 59 39 41.28366667 72.34835 3.8484 61 $11/6/13$ 9 34 57 41.2837 72.34845 3.8484 62 $11/6/13$ 9 34 57 41.2837 72.34845 | 0.006822633 0.002242674 0.002432521 0.001748485 0.002646124 0.006691276 0.002791223 0.005891859 0.005063697 0.003846154 0.002307692 0.000543928 |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | 0.002242674 0.002432521 0.001748485 0.002646124 0.006691276 0.002791223 0.005891859 0.005063697 0.003846154 0.002307692 0.000543928 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 0.002432521 0.001748485 0.002646124 0.006691276 0.002791223 0.005891859 0.005063697 0.003846154 0.002307692 0.000543928 |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | 0.001748485 0.002646124 0.006691276 0.002791223 0.005891859 0.005063697 0.003846154 0.002307692 0.000543928 |
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| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 0.006691276 0.002791223 0.005891859 0.005063697 0.003846154 0.002307692 0.000543928 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 0.002791223 0.005891859 0.005063697 0.003846154 0.002307692 0.000543928 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 0.005891859 0.005063697 0.003846154 0.002307692 0.000543928 |
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| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | 0.003846154 0.002307692 0.000543928 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 0.002307692 0.000543928 |
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| 57 11/6/13 8 6 7 41.2831 72.34835 3.8484 58 11/6/13 8 25 22 41.2832 72.34836667 3.8484 59 11/6/13 8 43 12 41.28356667 72.34838333 3.8484 60 11/6/13 8 59 39 41.2836 72.34838333 3.8484 61 11/6/13 9 17 31 41.28366667 72.3485 3.8484 62 11/6/13 9 34 57 41.2837 72.34845 3.8484 63 11/6/13 9 52 20 41.2837 72.34845 1.2628 | 0.0(1(05722 |
| 58 11/6/13 8 25 22 41.2832 72.34836667 3.8484 59 11/6/13 8 43 12 41.28356667 72.34838333 3.8484 60 11/6/13 8 59 39 41.2836 72.34841667 3.8484 61 11/6/13 9 17 31 41.28366667 72.3485 3.8484 62 11/6/13 9 34 57 41.2837 72.34845 3.8484 63 11/6/13 9 52 20 41.2837 72.34845 1.2628 | 0.061605732 |
| 59 11/6/13 8 43 12 41.28356667 72.34838333 3.8484 60 11/6/13 8 59 39 41.2836 72.34831667 3.8484 61 11/6/13 9 17 31 41.28366667 72.3485 3.8484 62 11/6/13 9 34 57 41.2837 72.34845 3.8484 63 11/6/13 9 52 20 41.2837 72.34845 1.2638 | 0.061605732 |
| 60 11/6/13 8 59 39 41.2836 72.34841667 3.8484 61 11/6/13 9 17 31 41.28366667 72.3485 3.8484 62 11/6/13 9 34 57 41.2837 72.34845 3.8484 63 11/6/13 9 52 20 41.2837 72.34845 1.2638 | 0.061605732 |
| 61 11/6/13 9 17 31 41.283666667 72.3485 3.8484 62 11/6/13 9 34 57 41.2837 72.34845 3.8484 63 11/6/13 9 52 20 41.2827 72.24845 1.2628 | 0.061605732 |
| 62 11/6/13 9 34 57 41.2837 72.34845 3.8484 63 11/6/13 9 52 20 41.2837 72.34845 1.2638 | 0.061605732 |
| | 0.061605732 |
| 05 11/0/15 9 52 20 41.2857 72.34845 1.2038 | 0.035303698 |
| 64 11/6/13 10 43 23 41.3342 72.3586 3.8484 | 0.061605732 |
| 65 11/6/13 11 1 14 41.3342 72.35853333 3.8484 | 0.061605732 |
| 66 11/6/13 11 18 13 41.3342 72.35345 3.8484 | 0.061605732 |
| 67 11/6/13 11 37 10 41.33415 72.3584 3.8484 | 0.061605732 |
| 68 11/6/13 11 55 21 41.33416667 72.35843333 3.8484 | 0.061605732 |
| 69 11/6/13 12 12 4 41.33413333 72.35838333 3.8484 | 0.061605732 |
| 70 11/6/13 12 30 30 41.33413333 72.3583 3.8484 | 0.061605732 |
| 71 11/6/13 12 48 48 41.33408333 72.35831667 3.8484 | 0.061605732 |
| 72 11/6/13 13 4 53 41.33391667 72.35818333 3.8484 | 0.061605732 |
| 73 11/6/13 13 22 54 41.33383333 72.3582 3.8484 | 0.061605732 |
| 74 11/6/13 13 42 36 41.33398333 72.3582 3.8484 | 0.061605732 |
| 75 11/6/13 13 58 33 41.3337 72.3583 3.8484 | 0.061605732 |
| 76 11/6/13 14 15 48 41.33373333 72.35828333 3.8484 | 0.061605732 |
| 77 11/6/13 14 32 57 41.33365 72.35841667 3.8484 | 0.061605732 |
| 78 11/6/13 14 50 58 41.3337 72.35833333 3.8484 | 0.061605732 |
| 79 11/7/13 7 44 30 41.27438333 72.34103333 0.0360 | 0.005958436 |
| 80 11/7/13 8 3 12 41.2744 72.34103333 0.0675 | 0.008158924 |
| 81 11/7/13 8 21 2 41.27448333 72.34096667 0.0820 | |
| 82 11/7/13 8 42 11 41.27463333 72.34095 0.2459 | 0.008992655 |

| 83 | 11/7/13 | 8 | 59 | 50 | 41.27465 | 72.34095 | 0.1389 | 0.011703942 |
|-----|---------|----|----|----|-------------|-------------|--------|-------------|
| 84 | 11/7/13 | 9 | 16 | 28 | 41.27461667 | 72.34098333 | 0.3196 | 0.017753517 |
| 85 | 11/7/13 | 9 | 33 | 51 | 41.27465 | 72.34095 | 0.3444 | 0.018429459 |
| 86 | 11/7/13 | 9 | 51 | 49 | 41.27481667 | 72.34111667 | 0.4636 | 0.021382217 |
| 87 | 11/7/13 | 10 | 11 | 11 | 41.27475 | 72.34116667 | 0.5998 | 0.024321158 |
| 88 | 11/7/13 | 10 | 53 | 34 | 41.30986667 | 72.34925 | 0.9223 | 0.030159013 |
| 89 | 11/7/13 | 11 | 11 | 28 | 41.30993333 | 72.34931667 | 1.8776 | 0.043031111 |
| 90 | 11/7/13 | 11 | 29 | 10 | 41.30986667 | 72.34915 | 1.8567 | 0.042790946 |
| 91 | 11/7/13 | 11 | 46 | 31 | 41.30981667 | 72.34915 | 0.7377 | 0.026972482 |
| 92 | 11/7/13 | 12 | 5 | 20 | 41.30983333 | 72.34916667 | 0.6809 | 0.025913298 |
| 93 | 11/7/13 | 12 | 43 | 4 | 41.33818333 | 72.35783333 | 0.8193 | 0.028425133 |
| 94 | 11/7/13 | 12 | 59 | 44 | 41.33823333 | 72.3578 | 0.6348 | 0.025020701 |
| 95 | 11/7/13 | 13 | 18 | 12 | 41.33826667 | 72.35771667 | 0.4662 | 0.021442092 |
| 96 | 11/7/13 | 13 | 35 | 14 | 41.3383 | 72.35766667 | 0.3632 | 0.018925787 |
| 97 | 11/7/13 | 14 | 4 | 48 | 41.34271667 | 72.36998333 | 0.4328 | 0.02065973 |
| 98 | 11/7/13 | 14 | 23 | 25 | 41.34258333 | 72.36995 | 0.3723 | 0.019161413 |
| 99 | 11/7/13 | 14 | 41 | 3 | 41.34253333 | 72.36998333 | 0.1848 | 0.013499945 |
| 100 | 11/7/13 | 15 | 30 | 9 | 41.3234 | 72.34676667 | 0.2480 | 0.015638924 |
| 101 | 11/7/13 | 15 | 45 | 46 | 41.32343333 | 72.34676667 | 0.1851 | 0.013510899 |
| 102 | 11/7/13 | 16 | 1 | 27 | 41.32336667 | 72.34681667 | 0.2950 | 0.017056583 |
| 103 | 11/8/13 | 6 | 52 | 0 | 41.33898333 | 72.36021667 | 0.0886 | 0.009347552 |
| 104 | 11/8/13 | 7 | 14 | 19 | 41.33905 | 72.36021667 | 0.0266 | 0.005121791 |
| 105 | 11/8/13 | 7 | 35 | 44 | 41.33905 | 72.36021667 | 0.0269 | 0.005150592 |
| 106 | 11/8/13 | 7 | 50 | 59 | 41.33908333 | 72.36023333 | 0.0178 | 0.004189778 |
| 107 | 11/8/13 | 8 | 6 | 7 | 41.3391 | 72.36025 | 0.0137 | 0.003675711 |
| 108 | 11/8/13 | 8 | 21 | 33 | 41.33901667 | 72.36021667 | 0.0271 | 0.005169704 |
| 109 | 11/8/13 | 8 | 37 | 45 | 41.33905 | 72.36018333 | 0.0222 | 0.004679048 |
| 110 | 11/8/13 | 8 | 53 | 51 | 41.33908333 | 72.36018333 | 0.0589 | 0.007621469 |
| 111 | 11/8/13 | 9 | 10 | 37 | 41.33905 | 72.36021667 | 0.0828 | 0.009036415 |
| 112 | 11/8/13 | 9 | 56 | 53 | 41.3097 | 72.34938333 | 0.3330 | 0.018121875 |
| 113 | 11/8/13 | 10 | 13 | 54 | 41.30971667 | 72.34936667 | 0.2394 | 0.015365373 |
| 114 | 11/8/13 | 10 | 35 | 51 | 41.3097 | 72.34938333 | 0.2283 | 0.01500493 |
| 115 | 11/8/13 | 10 | 52 | 59 | 41.30973333 | 72.34935 | 0.2071 | 0.014291278 |
| 116 | 11/8/13 | 11 | 11 | 25 | 41.30951667 | 72.34946667 | 0.8668 | 0.029237516 |
| 117 | 11/8/13 | 11 | 29 | 9 | 41.30948333 | 72.34953333 | 1.0848 | 0.032708141 |
| 118 | 11/8/13 | 11 | 46 | 44 | 41.3097 | 72.34935 | 0.3459 | 0.01846955 |
| 119 | 11/8/13 | 12 | 4 | 6 | 41.30953333 | 72.34946667 | 0.1369 | 0.011619374 |
| 120 | 11/8/13 | 12 | 24 | 23 | 41.3098 | 72.34936667 | 0.8019 | 0.028121671 |
| 121 | 11/8/13 | 12 | 41 | 16 | 41.30978333 | 72.3494 | 0.6539 | 0.025394326 |
| 122 | 5/14/14 | 9 | 53 | 23 | 41.31631667 | 72.34716667 | 0.0894 | 0.009389658 |
| 123 | 5/14/14 | 10 | 19 | 14 | 41.3163 | 72.34728333 | 0.0791 | 0.008832208 |
| 124 | 5/14/14 | 10 | 46 | 18 | 41.31623333 | 72.34741667 | 0.0991 | 0.009885937 |
| 125 | 5/14/14 | 11 | 9 | 30 | 41.31626667 | 72.34745 | 0.0792 | 0.008837789 |
| 126 | 5/14/14 | 11 | 32 | 58 | 41.31615 | 72.34773333 | 0.2260 | 0.014929156 |

| 127 | 5/14/14 | 11 | 56 | 19 | 41.31543333 | 72.34756667 | 0.0762 | 0.008668791 |
|-----|---------|----|----|----|-------------|-------------|--------|-------------|
| 128 | 5/14/14 | 12 | 22 | 17 | 41.31531667 | 72.3475 | 0.0035 | 0.001857869 |
| 129 | 5/14/14 | 12 | 45 | 50 | 41.31581667 | 72.3475 | 0.0285 | 0.005301557 |
| 130 | 5/14/14 | 13 | 8 | 27 | 41.31523333 | 72.34738333 | 0.0663 | 0.008086075 |
| 131 | 5/14/14 | 13 | 36 | 34 | 41.3153 | 72.34735 | 0.1172 | 0.0107509 |
| 132 | 5/14/14 | 14 | 0 | 13 | 41.31525 | 72.34728333 | 0.2655 | 0.016181295 |
| 133 | 5/14/14 | 14 | 17 | 5 | 41.31526667 | 72.34731667 | 0.5308 | 0.022879497 |
| 134 | 5/14/14 | 14 | 39 | 26 | 41.31525 | 72.34741667 | 0.6412 | 0.025146513 |
| 135 | 5/14/14 | 15 | 4 | 35 | 41.31526667 | 72.3473 | 1.5036 | 0.038507665 |
| 136 | 5/14/14 | 15 | 28 | 5 | 41.31523333 | 72.34738333 | 1.5165 | 0.038672498 |
| 137 | 5/14/14 | 15 | 51 | 0 | 41.31521667 | 72.34733333 | 1.3481 | 0.036462134 |
| 138 | 5/14/14 | 16 | 13 | 48 | 41.31525 | 72.34736667 | 1.2436 | 0.035020422 |
| 139 | 5/14/14 | 16 | 37 | 14 | 41.31526667 | 72.34723333 | 1.1953 | 0.034333611 |
| 140 | 5/15/14 | 8 | 35 | 13 | 41.28563333 | 72.3492 | 0.0041 | 0.002010819 |
| 141 | 5/15/14 | 8 | 57 | 30 | 41.28571667 | 72.3492 | 0.6204 | 0.024735285 |
| 142 | 5/15/14 | 9 | 18 | 55 | 41.2857 | 72.34923333 | 0.8318 | 0.028641152 |
| 143 | 5/15/14 | 9 | 40 | 31 | 41.2857 | 72.34923333 | 1.2457 | 0.035049978 |
| 144 | 5/15/14 | 10 | 3 | 22 | 41.28571667 | 72.34925 | 1.0817 | 0.032661373 |
| 145 | 5/15/14 | 10 | 24 | 57 | 41.28573333 | 72.34928333 | 0.8765 | 0.029400653 |
| 146 | 5/15/14 | 10 | 46 | 18 | 41.28573333 | 72.34923333 | 0.6509 | 0.025336006 |
| 147 | 5/15/14 | 11 | 7 | 49 | 41.28573333 | 72.34923333 | 0.4783 | 0.021718569 |
| 148 | 5/15/14 | 11 | 29 | 40 | 41.28573333 | 72.34918333 | 0.4091 | 0.020086107 |
| 149 | 5/15/14 | 11 | 51 | 43 | 41.28571667 | 72.34923333 | 0.2340 | 0.015191091 |
| 150 | 5/15/14 | 12 | 14 | 36 | 41.28535 | 72.34921667 | 0.1152 | 0.010658774 |
| 151 | 5/15/14 | 12 | 37 | 31 | 41.28516667 | 72.34891667 | 0.0423 | 0.006458791 |
| 152 | 5/15/14 | 12 | 59 | 49 | 41.28518333 | 72.34883333 | 0.0024 | 0.001538462 |
| 153 | 5/15/14 | 13 | 23 | 38 | 41.28515 | 72.34881667 | 0.0073 | 0.002683135 |
| 154 | 5/15/14 | 13 | 46 | 29 | 41.28513333 | 72.34883333 | 0.0353 | 0.005900222 |
| 155 | 5/15/14 | 14 | 9 | 53 | 41.28513333 | 72.34876667 | 0.0846 | 0.009134109 |
| 156 | 5/15/14 | 14 | 33 | 47 | 41.28513333 | 72.3488 | 0.0059 | 0.002412165 |
| 157 | 5/15/14 | 14 | 56 | 6 | 41.28513333 | 72.34878333 | 0.0065 | 0.002531848 |
| 158 | 5/15/14 | 15 | 18 | 49 | 41.28513333 | 72.34878333 | 0.0027 | 0.001631785 |
| 159 | 5/15/14 | 15 | 41 | 4 | 41.28513333 | 72.3488 | 0.0145 | 0.003781508 |
| 160 | 5/15/14 | 16 | 3 | 40 | 41.28513333 | 72.34881667 | 0.0052 | 0.002264554 |
| 161 | 5/15/14 | 16 | 24 | 22 | 41.28511667 | 72.34883333 | 0.0396 | 0.00624926 |
| 162 | 5/15/14 | 16 | 45 | 51 | 41.2851 | 72.3488 | 0.0544 | 0.007324542 |
| 163 | 5/15/14 | 17 | 7 | 47 | 41.2851 | 72.34883333 | 0.0175 | 0.004154321 |
| 164 | 5/15/14 | 17 | 30 | 20 | 41.28515 | 72.3488 | 0.0339 | 0.005782037 |
| 165 | 5/17/14 | 8 | 27 | 40 | 41.29166667 | 72.34896667 | 0.7263 | 0.026763262 |
| 166 | 5/17/14 | 8 | 48 | 27 | 41.29163333 | 72.34893333 | 0.4231 | 0.020426903 |
| 167 | 5/17/14 | 9 | 8 | 54 | 41.2916 | 72.34898333 | 0.2509 | 0.015730095 |
| 168 | 5/17/14 | 9 | 29 | 27 | 41.29158333 | 72.34903333 | 0.1448 | 0.011949928 |
| 169 | 5/17/14 | 9 | 49 | 32 | 41.29163333 | 72.3489 | 0.0262 | 0.005083135 |
| 170 | 5/17/14 | 10 | 11 | 57 | 41.29163333 | 72.34918333 | 0.0067 | 0.002570505 |

| 171 | 5/17/14 | 10 | 44 | 40 | 41.2918 | 72.3487 | 0.0576 | 0.007536892 |
|-----|---------|----|----|----|-------------|-------------|--------|-------------|
| 172 | 5/17/14 | 11 | 6 | 28 | 41.2921 | 72.34863333 | 0.9296 | 0.030278132 |
| 173 | 5/17/14 | 11 | 28 | 29 | 41.29213333 | 72.34863333 | 0.5740 | 0.02379233 |
| 174 | 5/17/14 | 11 | 51 | 29 | 41.29216667 | 72.34865 | 0.5269 | 0.02279529 |
| 175 | 5/17/14 | 12 | 13 | 52 | 41.29213333 | 72.34865 | 0.4423 | 0.020885241 |
| 176 | 5/17/14 | 12 | 38 | 25 | 41.2921 | 72.34865 | 0.4182 | 0.020308275 |
| 177 | 5/17/14 | 13 | 4 | 48 | 41.29208333 | 72.34863333 | 0.2910 | 0.01694055 |
| 178 | 5/17/14 | 13 | 26 | 16 | 41.29205 | 72.34863333 | 0.2220 | 0.014796449 |
| 179 | 5/17/14 | 13 | 48 | 17 | 41.29195 | 72.34865 | 0.1403 | 0.011762777 |
| 180 | 5/17/14 | 14 | 26 | 9 | 41.29185 | 72.3486 | 0.0268 | 0.00514101 |
| 181 | 5/17/14 | 15 | 28 | 10 | 41.30971667 | 72.34978333 | 0.0413 | 0.006381989 |
| 182 | 5/17/14 | 15 | 52 | 8 | 41.3096 | 72.34971667 | 0.0048 | 0.002175713 |
| 183 | 5/17/14 | 16 | 13 | 46 | 41.3095 | 72.34973333 | 0.0387 | 0.006177838 |
| 184 | 5/17/14 | 16 | 34 | 59 | 41.30945 | 72.34966667 | 0.0198 | 0.004418894 |

B.2 Data Quality Tests

| С | | | 3. % Change | 4. % Change | | 6. | | | Heading |
|----------|----------|----------|--------------|---|-----------|----|----------|-------------------------|---------|
| а | 1. Mean | 2. Mean | in mean | in mean | 5. Visual | w | 7. Pitch | | (<10 |
| S | velocity | velocity | velocity <25 | velocity < | Pressure | = | and tilt | | degree |
| t | >10 cm/s | > 5 cm/s | % | 10% | Check | 0 | visual | Comments | change) |
| | | | | | | | | fixed, passes all tests | |
| | | | | | | | | now - shortened time | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | series | 1 |
| | | | | | | | | fixed, passes all tests | |
| | | | | | | | | now - shortened time | |
| 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | series | 1 |
| | | | | | | | | fixed, passes all tests | |
| | | | | | | | | now - shortened time | |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | series | 1 |
| 4 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| <u> </u> | | 1 | 1 | Ū | 1 | | 1 | | 1 |
| 5 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 6 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| _ | | | | , in the second s | | | | | |
| 7 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 8 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 9 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 1 | | | | | | | | | |
| 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| | | | | | | | | fixed, passes all tests | |
| 1 | | | | | | | | now - shortened time | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | series | 1 |
| | | | | | | | | fixed, passes all tests | |
| 1 | | | | | | | 0 | now - shortened time | |
| 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | series | 1 |
| 3 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 4 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 1 | | | | | | | | | |
| 5 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 7 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 13 |
| 7 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 13 |

| <u> </u> | | | | | | 1 | | | |
|----------|---|---|---|---|---|---|----|---|---|
| 1 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 1 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 2 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 2 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 2 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 2 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 2 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 2 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 5 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 6 2 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | fixed, passes most tests - | 1 |
| 7 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | shortened time series | 1 |
| 8 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 9 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | C 1 11 | 1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | -2 | now - shortened time series | 1 |
| 2 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 5 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 6 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | <i>a</i> 1 11 | 1 |
| 7 | 1 | 1 | 1 | 1 | 1 | 1 | -2 | now - shortened time series | 1 |
| 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 9 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | not sure if salvagable - 3 min 20 sec of usuable data | 0 |
| 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 1 | 1 | 1 | 1 | 0 | 1 | 1 | -2 | fixed, passes most tests - shortened time series | 1 |
| 1 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 1 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 1 4 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 1 5 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 1 6 | 0 | 0 | 0 | 0 | 1 | 1 | -2 | fixed pitch.tilt issue | 1 |
| 1 7 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 1 8 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 1 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 2 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 2 | 0 | 0 | 0 | 0 | 1 | 1 | -2 | | 1 |

| 1 | | | | | | | | | |
|--------|---|---|---|---|---|---|-----|---|---|
| 2 | 0 | 1 | 1 | 0 | 1 | 1 | -2 | | 1 |
| 2 | 0 | 1 | 0 | 0 | 1 | 1 | -2 | | 1 |
| 2 | 0 | 1 | 1 | 0 | 1 | 1 | -2 | | 1 |
| 2 | 0 | 0 | 0 | 0 | 1 | 1 | -2 | | 1 |
| 2 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 2 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 2 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | - 2 | fixed, passes all tests now - shortened time | 1 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | series | 1 |
| 3 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 3 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 4 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 4 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 4 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 4 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 4 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 4 6 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 4 7 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 4 8 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 4 9 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 5 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 5 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 5 2 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 5 3 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |

| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 4 | | | | | | | | |
|---|---|----------|---|---|---|---|---|--|-----|
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 5 5 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 5 6 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 5 1 1 0 0 1 0 0 1 0 0 mot surable data 0 5 1 1 1 1 1 1 0 0 1 0 0 min of usuable data 0 6 1 1 1 1 1 1 0 0 fixed, passes all tests now - shortened time series 1 6 0 1 0 1 1 0 0 0 0 0 1 1 1 1 6 0 1 1 0 1 1 1 1 1 1 6 1 1 0 1 | 5 7 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 5 8 1 | 1 | 0 | 0 | 1 | 0 | 0 | not sure if salvagable - 3 | 0 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 5 | 1 | | Ŭ | 1 | | | fixed, passes all tests | 0 |
| 6 1 1 0 1 1 0 0 1 | 9 1 | 1 | 1 | 1 | 1 | 1 | 0 | series | 1 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 6 0 1 | 1 | 0 | 1 | 1 | 0 | 0 | shortened time series | 1 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 6 1 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 6 2 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 6 3 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 6 4 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 6 5 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 6 6 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 6 7 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 6 8 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 7 1 1 1 1 1 7 1 1 1 1 1 7 1 1 0 1 1 | 6 9 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 7 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| | 7 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 7 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| | $\frac{3}{7}$ | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 7 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 6 0 1 1 1 1 1 1 7 0 1 1 1 1 1 1 1 | 0 0 7 0 7 0 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| / 0 1 1 1 1 1 7 0 | 7 0 7 0 | <u> </u> | | 1 | | 1 | 1 | | 1 |
| 8 0 1 0 0 1 1 1 7 0 0 0 1 1 1 1 | 8 0 7 | | 0 | 0 | | 1 | I | | 1 |
| 9 0 1 0 0 1 1 1 8 | <u>9</u> 0 8 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 0 1 1 0 0 1 1 1 8 1 1 1 | 0 1 8 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 1 1 1 1 1 1 8 1 | 1 1 8 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 2 1 | 2 1 8 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 3 1 1 0 1 1 1 1 8 fixed, passes most tests - | 3 1 8 | 1 | 1 | 0 | 1 | 1 | 1 | fixed, passes most tests - | 1 |
| 4 1 1 0 0 1 1 0 shortened time series 1 6 6 6 6 6 fixed, passes all tests 1 | 4 1 | 1 | 0 | 0 | 1 | 1 | 0 | shortened time series fixed, passes all tests | 1 |
| 8 now - shortened time 5 1 1 1 1 1 | 8 5 1 | 1 | 1 | 1 | 1 | 1 | 2 | now - shortened time series | 1 |
| | 8 6 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 1 |

| 8 | | | | | | | | rolls off, not sure if | | |
|----------|---|---|---|---|---|---|---|---|---|----|
| 7 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | fixable | 1 | |
| 8 8 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 | |
| 8 9 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | not salvagable | 0 | |
| 9 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | |
| 9 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 | |
| 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 | |
| 2 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 | |
| 3 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 | |
| 4 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 | |
| 5 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | fixed, passes all tests now - shortened time | 1 | |
| 6 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 50105 | 1 | |
| 7 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | | 0 | |
| 8 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 | |
| 9 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 | |
| 1 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | |
| 1 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 | |
| 1 2 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 | |
| 1 3 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 | |
| 1 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | |
| 1 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | |
| 1 6 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | |
| 1 7 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | |
| 1 8 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 | |
| 1 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | | 1 | |
| 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | |
| 2 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 | |
| 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | |
| 2 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 | |
| 2 4 | | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | |
| 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | |
| 2 | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | |
| 2 | 1 | 1 | | 0 | | | 1 | fixed, passes all tests now - shortened time | 1 | |
| 72 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | series | 1 | |
| 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | fixed, passes all tests | 1 | |
| 2 9 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | now - shortened time series | 1 | 14 |
| <u> </u> | - | - | | | | | | | 1 | |

| | | | | | | | | fixed, passes all tests | |
|--------|---|---|---|---|---|---|---|---|---|
| 3 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | now - shortened time series | 1 |
| 3 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 3 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | | 0 |
| 3 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 3 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 3 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 3 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 3 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 3 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 8 3 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 4 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 4 | 0 | I | 1 | 1 | 1 | 1 | 1 | | 1 |
| 1 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 2 4 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 3 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 4 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 0 |
| 5 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 6 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 0 |
| 7 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | probably not salvagable. | 1 |
| 8 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 3 min of workable data | 0 |
| 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | fixed passes all tests | 1 |
| 5 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | now - shortened time series (4.5 min time series) | 1 |
| 5 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 5 2 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 5 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 5 4 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 5 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 5 7 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | | 1 |
| 5 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 0 |
| 5 9 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
| 6 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | unsalvagable - pitch and tilt | 0 |
| 6 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | | 1 |

| 6 2 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | | 1 |
|--------|---|---|---|---|---|---|---|---|---|
| 6 3 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | fixed, passes some tests - time series shortened | 1 |