

Preliminary Stormwater Calculations

**Homestead Developers, LLC
Homesteads at Hillview – Primary Plat
Eastview Drive and Upper Shelbyville Road
City of Franklin, Indiana**

**Submitted On:
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By:



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Section 1: Stormwater Calculations Summary

Pre-Development Conditions

The project site is located at the southeast corner of Eastview Drive and Upper Shelbyville Road in the City of Franklin, Johnson County, Indiana. The existing site consists mainly of cultivated agricultural field with a few areas of clustered trees. Runoff from the existing site discharges from the property at four (4) main outlet points; however, the entire site is located within the same watershed and all outlet points drain directly to Hurricane Creek. The majority of the site (Basin #1 and 2) sheet flows towards two (2) swales in the middle of the property. The southern swale flows east to west and discharges into two (2) 30-inch diameter CMP twin culverts at the intersection of Eastview Drive and Upper Shelbyville Road. The northern swale also flows east to west and discharges into a 24-inch diameter CMP culvert crossing Upper Shelbyville Road, northeast of the twin culverts. The southwest corner of the site (Basin #3) discharges by sheet flow to an existing roadside ditch located in the right-of-way of Eastview Drive, which then flows north to the intersection of Eastview Drive and Upper Shelbyville Road. The northeast corner of the site (Basin #4) sheet flows north to an existing pipe culvert across Upper Shelbyville Road, and then discharges to Hurricane Creek. There are two (2) off-site areas (OFF-1 and OFF-2) that drain through the property in existing conditions from the adjacent golf course. Lastly, a small area at the northeast corner of the site (DIR. NE) directly discharges from the property by sheet flow to the east. Refer to Exhibit 1: Pre-Development Watershed Map for the existing drainage basins. According to the U.S. Fish and Wildlife Service - National Wetlands Inventory, there are no wetlands present on the site. Also, the vast majority of the property lies within Zone 'X', areas outside of the 0.2% annual chance floodplain, as shown on the Flood Insurance Rate Map (FIRM) for Johnson County, Indiana, Community Panel No. 18081 C 0231D and 18081 C 0232D, dated August 2, 2007. A small portion of the site at the southeast corner of the Eastview Drive and Upper Shelbyville Road intersection does lay within Zone 'AE', special flood hazard areas subject to inundation by the 1% annual chance flood, with base flood elevations (BFE) determined. The BFE within this area is approximately 729.50.

Post-Development Conditions

The proposed development is to include 145 single-family homes with all necessary street, drainage and utility infrastructure. The development will include three (3) separate sections: Village Green, Homesteads, and Preserve. There will be a total of 33 lots within the Village Green section at a density of approximately 2.7 units/acre; 89 larger-sized lots are proposed within the Homesteads section at a density of approximately 1.7 units/acre; and 23 of the largest lots are proposed within the Preserve section at a density of approximately 1.4 units/acre. The development will also consist of a companion golf course use. As a portion of the development lies within Zone 'AE', as discussed above, the finished floor elevation of the proposed buildings will be located two (2) feet above the determined base flood elevation. Per FIRM Panel No. 18081 C 0231D and 18081 C 0232D, the maximum base flood elevation across the proposed construction limits is identified as 729.50; therefore, the minimum building finish floor elevations will be at a minimum of 731.50. All construction and cut/fill operations for the development will remain outside of the designated floodplain area. All required drives, sidewalks, drainage facilities and utilities shall be constructed per City of Franklin standards.

Existing water, sanitary sewer, telephone, gas, and electric utilities shall be utilized to serve the proposed development.

All stormwater from the disturbed area shall be collected via a storm sewer network that will treat for both quantity and quality. Stormwater quantity and quality requirements of Section 6.19 of the City of Franklin Subdivision Control Ordinance will be satisfied by the installation of four (4) on-site wet detention ponds with restrictive outlet control measures (see Exhibit 2: Post-Development Watershed Map). All on-site impervious areas and off-site areas draining to the development will be routed to, and treated by, the proposed ponds. All ponds will have an ultimate discharge into existing, working outlet points, including two (2) existing road culverts (**Outlets #1 and 2**) and an existing roadside ditch (**Outlet #3**). To achieve water quantity detention standards, the ponds and associated outlet structures will be sized to restrict the peak discharge rates of the 10-year post-developed storm to the combination of the peak 2-year pre-developed rates for all on-site areas and 10-year pre-developed rates for the off-site flow areas. Likewise, the peak discharge rate of the 100-year post-developed storm will be restricted to the combination of the peak 10-year pre-developed rates for all on-site areas and 100-year pre-developed rates for the off-site flow areas.. In post-developed conditions, the right-of-way of Upper Shelbyville Road and the common area at the southeast corner of the intersection will discharge undetained to Hurricane Creek. Therefore, the post-developed flows for these areas will be subtracted from the overall existing discharge rates of the site to determine the allowable release rates for the development. In addition, to achieve water quality standards, the ponds will also be designed to detain, for over 24 hours after the peak runoff from a 24-hour storm, at least 20% of the runoff from either a 1-1/4 inch rainfall depth storm or 1/2 inch direct runoff, whichever is greater. The minimum water quality outlet orifice shall be two (2) inches in diameter. The ponds will also be designed to include an emergency overflow spillway facility that is sufficient to convey 1.25 times the peak discharge resulting from the 100-year post-developed design storm. The wet detention ponds will be designed to meet the requirements of Section 6.19, G and H of the Franklin SCO.

Storm Sewer Design

The proposed storm sewer network will be designed to accommodate a 10-year storm event. The Rational Method will be used to perform the storm sewer pipe sizing calculations. Structures and grates within pavement areas will be designed and placed so that the depth of ponding above the inlet does not exceed 6 inches at half blocked condition. Also, the storm sewer network will be designed so that the subdivision streets will have a minimum of a 12 foot wide open lane during a 10-year storm event. Structures and grates within grass areas will be designed so that the depth of ponding above the inlet does not exceed 9 inches at half blocked condition.

Section 2: Hydrologic Modeling Calculations

All drainage calculations were completed using Eagle Point Software Watershed Modeling Module. The SCS Curvilinear method utilizing SCS II rainfall distribution was used to calculate the hydrographs. The TR-55 Method was used to calculate times of concentration. Curve numbers were computed based on the applicable land use and the percentage by area of each hydrologic soil type obtained from the NRCS Web Soil Survey. Per Section 6.19.C.6 of the City of Franklin SCO, pre-developed runoff rates shall be based on pasture, meadow, brush or woods ground cover in good hydrologic conditions. As the existing site is predominately grass and cultivated field, the existing ground cover for the entire site will be considered to be pasture cover in good hydrologic condition.

Soil Hydrologic Group Percentage Calculations

Soil Type	Hydrologic Group – B (acres)	Hydrologic Group – C (acres)
Brookston, Br	11.7	--
Fox, FxC2	1.1	--
Miami, MnB2	7.2	--
Miami, MnC2	5.3	--
Miami, MtC3	0.9	--
Rensselaer, Re	12.9	--
Sloan, Sn	0.8	--
Crosby, CrA	--	25.2
Crosby-Miami, CsB2	--	5.7
Whitaker, Wh	--	8.8
Totals	39.9	39.5
Percentages of Hydrologic Groups	50%	50%

Runoff Curve Number Calculations

Pre-Development Conditions

Land Use Description	Runoff Curve No. For Hydrologic Group – B		Runoff Curve No. For Hydrologic Group – C		Average Runoff Curve Number
	Percentage Used*	50%	Percentage Used*	50%	
Pasture – Good Condition		61		74	68

*See Soil Hydrologic Group Percentage Calculations, Table 1.

Post-Development Conditions

Table 3
Pre-Development Runoff Curve Number Calculations
Overall Property

Land Use Description	Runoff Curve No. For Hydrologic Group – B		Runoff Curve No. For Hydrologic Group – C		Average Runoff Curve Number
	Percentage Used*	50%	Percentage Used*	50%	
Residential: 1/4 acre (Village Green)	86		90		88
Residential: 1/3 acre (Homestead/Preserve)	83		88		86
Grass – Good Condition	61		74		68
Pavement	98		98		98

*See Soil Hydrologic Group Percentage Calculations, Table 1.

Hydrologic Modeling Runoff Summary

Pre-Development Conditions

The City of Franklin Subdivision Control Ordinance requires a detention design that outlets storm water at a two-year pre-development rainfall event rate for a ten-year post-development storm. Also, the 100-year post-development storm shall be limited to the ten-year pre-development rainfall event rate. The 2-year, 10-year and 100-year storm events are calculated at durations of 1, 2, 3, 6, 12 and 24 hours to identify the critical storm events which are to be used for the respective limiting pre-development rates. Tables 4-8 summarizes the peak pre-development runoff rates (cfs) resulting from hydrologic modeling. Entries in bold indicate the critical storm event for the respective return period. See Appendix A for pre-development unit and computed flood hydrograph reports.

Table 4
Pre-Development Hydrograph Peak Runoff Rate Summary
Existing Basin #1

Return Period (years)	Storm Duration					
	1 Hour	2 Hours	3 Hours	6 Hours	12 Hours	24 Hours
2	0.05	0.25	0.59	1.82	4.61	6.69
10	1.71	4.61	6.69	11.61	17.33	23.67

Table 5
Pre-Development Hydrograph Peak Runoff Rate Summary
Existing Basin #2

Return Period (years)	Storm Duration					
	1 Hour	2 Hours	3 Hours	6 Hours	12 Hours	24 Hours
2	0.07	0.33	0.70	1.92	4.59	6.56
10	1.82	4.59	6.56	11.34	16.96	23.21

Table 6
Pre-Development Hydrograph Peak Runoff Rate Summary
Existing Basin #3

Return Period (years)	Storm Duration					
	1 Hour	2 Hours	3 Hours	6 Hours	12 Hours	24 Hours
2	0.01	0.06	0.15	0.52	1.36	1.97
10	0.48	1.36	1.97	3.40	5.04	6.84

Table 7
Pre-Development Hydrograph Peak Runoff Rate Summary
Existing Basin #4

Return Period (years)	Storm Duration					
	1 Hour	2 Hours	3 Hours	6 Hours	12 Hours	24 Hours
2	0.01	0.04	0.17	0.63	1.63	2.33
10	0.59	1.63	2.33	3.90	5.68	7.62

Table 8
Pre-Development Hydrograph Peak Runoff Rate Summary
Existing Basin #OFF-1

Return Period (years)	Storm Duration					
	1 Hour	2 Hours	3 Hours	6 Hours	12 Hours	24 Hours
10	0.36	1.01	1.43	2.42	3.53	4.73
100	1.91	3.29	4.20	5.84	7.69	10.19

Table 9
Pre-Development Hydrograph Peak Runoff Rate Summary
Existing Basin #OFF-2

Return Period (years)	Storm Duration					
	1 Hour	2 Hours	3 Hours	6 Hours	12 Hours	24 Hours
10	1.74	4.87	7.02	11.89	17.49	23.56
100	9.37	16.28	20.85	29.18	38.49	50.97

Table 10
Post-Development Hydrograph Peak Runoff Rate Summary
Upper Shebyville Road R/W (Direct Discharge Area)

Return Period (years)	Storm Duration					
	1 Hour	2 Hours	3 Hours	6 Hours	12 Hours	24 Hours
10	1.93	3.34	4.20	6.03	7.99	10.04
100	5.10	7.57	9.13	11.88	14.86	18.74

Table 11 Pre-Development Hydrograph Peak Runoff Rate Summary Combined Existing On-site & Off-site Basins	
Return Period (years)	Storm Duration
	24 Hours
2	36.01
10	95.13

Allowable discharge for the critical 10-year post-development storm =
 Peak Combined Pre-Development 2-year Storm = 36.01 cfs
 Peak 10-year Post-Development Direct Discharge = 10.04 cfs
 Total 10-year Allowable Release Rate = 25.97 cfs

Allowable discharge for the critical 100-year post-development storm =
 Peak Combined Pre-Development 10-year Storm = 95.13 cfs
 Peak 100-year Post-Development Direct Discharge = 18.74 cfs
 Total 100-year Allowable Release Rate = 76.39 cfs

Post-Development Conditions

Table 7 summarizes the peak runoff rates (cfs) of the overall watershed resulting from hydrologic modeling. Entries in bold indicate the critical storm event for the respective return period. See Appendix B for post-development unit and computed flood.

Table 12 Post-Development Hydrograph Peak Runoff Rate Summary Pond #1 – Onsite Basin						
Return Period (years)	Storm Duration					
	1 Hour	2 Hours	3 Hours	6 Hours	12 Hours	24 Hours
10	24.34	34.88	40.84	53.04	65.47	78.05
100	46.90	62.87	72.53	89.11	106.55	128.75

Table 13 Post-Development Hydrograph Peak Runoff Rate Summary Pond #2 - Onsite and Offsite Basins						
Return Period (years)	Storm Duration					
	1 Hour	2 Hours	3 Hours	6 Hours	12 Hours	24 Hours
10	29.19	42.14	49.48	64.54	79.93	95.52
100	59.96	76.71	88.68	109.24	130.89	158.48

Table 14 Post-Development Hydrograph Peak Runoff Rate Summary Pond #3 – Onsite and Offsite Basins						
Return Period (years)	Storm Duration					
	1 Hour	2 Hours	3 Hours	6 Hours	12 Hours	24 Hours
10	15.69	25.30	30.93	42.81	55.30	68.22
100	36.78	52.66	62.53	79.77	98.24	122.10

Table 15 Post-Development Hydrograph Peak Runoff Rate Summary Pond #4 – Onsite Basin						
Return Period (years)	Storm Duration					
	1 Hour	2 Hours	3 Hours	6 Hours	12 Hours	24 Hours
10	11.50	19.57	24.44	35.01	46.28	58.05
100	29.63	43.88	52.85	68.67	85.78	108.08

Section 3: Water Quality Calculations

The Johnson County Subdivision Control Ordinance requires all paved areas to be routed through a water quality detention system. The water quality detention system shall be designed to detain, for over 24 hours after peak runoff, at least 20% of the volume of runoff from either a 1 ¼" rainfall depth storm or 0.5" of direct runoff, whichever is greater. The minimum water quality outlet shall be 2" in diameter. See Appendix B for water quality hydrographs. See Appendix D for additional water quality data and routed water quality hydrograph.

POND #1

Water Quality Volume

Volume of Runoff from 1 ¼" Rainfall Depth Storm, $V_1 = 0.59 \text{ ac.-ft.}$

Volume of Runoff from 0.5" Direct Runoff,

$$V_2 = 21.29 \text{ ac.} * (0.5"/12) = 0.887 \text{ ac.-ft.}$$

Water Quality Volume, $WQ_v = 20\% * V_2 = 0.2 * 0.887 \text{ ac.-ft.} = \underline{0.1774 \text{ ac.-ft.}}$

At a time of 24 hours after the peak runoff rate of the inflow hydrograph, the detention pond must have at least 0.1774 ac.-ft. remaining in the basin.

Routed Water Quality Storm Hydrograph

The hydrograph for the storm producing 0.5" direct runoff is routed through the proposed detention pond with a 4.25" diameter (circular) water quality orifice. The Water Quality Storage Indication Hydrograph (see Appendix D: Proposed Pond Data) is used to verify the water quality volume, WQ_v , is remaining after 24 hours after peak runoff.

Time to Peak Runoff = 1,092 min.

Time of 24 hours Past Peak Runoff = 1,092 min. + 1,440 min. = 2,532 min.

Storage Volume at Time 2,532 min. = 8,622.96 c.f. = **0.198 ac.-ft. > 0.1774 ac.-ft. (WQ_v)**

The storage volume 24 hours after peak runoff is greater than the required water quality volume due to using the minimum size water quality orifice of 4.25".

POND #2

Water Quality Volume

Volume of Runoff from 1 ¼" Rainfall Depth Storm, $V_1 = 0.63 \text{ ac.-ft.}$

Volume of Runoff from 0.5" Direct Runoff,

$$V_2 = 25.00 \text{ ac.} * (0.5"/12) = 1.042 \text{ ac.-ft.}$$

Water Quality Volume, $WQ_v = 20\% * V_2 = 0.2 * 1.042 \text{ ac.-ft.} = \underline{0.2084 \text{ ac.-ft.}}$

At a time of 24 hours after the peak runoff rate of the inflow hydrograph, the detention pond must have at least 0.2084 ac.-ft. remaining in the basin.

Routed Water Quality Storm Hydrograph

The hydrograph for the storm producing 0.5" direct runoff is routed through the proposed detention pond with a 9" diameter (circular) water quality orifice. The Water Quality

Storage Indication Hydrograph (see Appendix D: Proposed Pond Data) is used to verify the water quality volume, WQ_v , is remaining after 24 hours after peak runoff.

Time to Peak Runoff = 968 min.

Time of 24 hours Past Peak Runoff = 968 min. + 1,440 min. = 2,408 min.

Storage Volume at Time 2,408 min. = 10,679.68 c.f. = **0.245 ac.-ft.** > **0.2084 ac.-ft.** (WQ_v)

The storage volume 24 hours after peak runoff is greater than the required water quality volume due to using the minimum size water quality orifice of 9".

POND #3

Water Quality Volume

Volume of Runoff from 1 1/4" Rainfall Depth Storm, $V_1 = 0.28$ ac.-ft.

Volume of Runoff from 0.5" Direct Runoff,

$$V_2 = 21.94 \text{ ac.} * (0.5"/12) = 0.914 \text{ ac.-ft.}$$

Water Quality Volume, $WQ_v = 20\% * V_2 = 0.2 * 0.914 \text{ ac.-ft.} = \underline{\underline{0.1828 \text{ ac.-ft.}}}$

At a time of 24 hours after the peak runoff rate of the inflow hydrograph, the detention pond must have at least 0.1828 ac.-ft. remaining in the basin.

Routed Water Quality Storm Hydrograph

The hydrograph for the storm producing 0.5" direct runoff is routed through the proposed detention pond with a 6" x 18" rectangular water quality orifice. The Water Quality Storage Indication Hydrograph (see Appendix D: Proposed Pond Data) is used to verify the water quality volume, WQ_v , is remaining after 24 hours after peak runoff.

Time to Peak Runoff = 1,208 min.

Time of 24 hours Past Peak Runoff = 1,208 min. + 1,440 min. = 2,648 min.

Storage Volume at Time 2,648 min. = 14,855.76 c.f. = **0.341 ac.-ft.** > **0.1828 ac.-ft.** (WQ_v)

The storage volume 24 hours after peak runoff is greater than the required water quality volume due to using the minimum size water quality orifice of 6"x18".

POND #4

Water Quality Volume

Volume of Runoff from 1 1/4" Rainfall Depth Storm, $V_1 = 0.23$ ac.-ft.

Volume of Runoff from 0.5" Direct Runoff,

$$V_2 = 24.06 \text{ ac.} * (0.5"/12) = 1.003 \text{ ac.-ft.}$$

Water Quality Volume, $WQ_v = 20\% * V_2 = 0.2 * 1.003 \text{ ac.-ft.} = \underline{\underline{0.2006 \text{ ac.-ft.}}}$

At a time of 24 hours after the peak runoff rate of the inflow hydrograph, the detention pond must have at least 0.2006 ac.-ft. remaining in the basin.

Routed Water Quality Storm Hydrograph

The hydrograph for the storm producing 0.5" direct runoff is routed through the proposed detention pond with a 9" x 18" rectangular water quality orifice. The Water Quality Storage Indication Hydrograph (see Appendix D: Proposed Pond Data) is used to verify the water quality volume, WQ_v , is remaining after 24 hours after peak runoff.

Time to Peak Runoff = 1,034 min.

Time of 24 hours Past Peak Runoff = 1,034 min. + 1,440 min. = 2,474 min.

Storage Volume at Time 2,474 min. = 24,153.13 c.f. = **0.554 ac.-ft.** > **0.2006 ac.-ft.**
(WQ_v)

The storage volume 24 hours after peak runoff is greater than the required water quality volume due to using the minimum size water quality orifice of 9"x18".

The water quality orifices are discussed further in Section 4: Detention Calculations.

Section 4: Detention Calculations

Stormwater detention is addressed by detaining the peak discharge rates of the 10-year post-developed storm to the combination of the peak 2-year pre-developed rates for all on-site areas and 10-year pre-developed rates for the off-site flow areas. Likewise, the peak discharge rate of the 100-year post-developed storm will be restricted to the combination of the peak 10-year pre-developed rates for all on-site areas and 100-year pre-developed rates for the off-site flow areas.. In post-developed conditions, the right-of-way of Upper Shelbyville Road and the common area at the southeast corner of the intersection will discharge undetained to Hurricane Creek. Therefore, the post-developed flows for these areas will be subtracted from the overall existing discharge rates of the site to determine the allowable release rates for the development. See Appendices A & B for pre- and post-development hydrograph reports, respectively. See Appendix C for the proposed pond data.

Allowable Discharge Rate (see Section 2: Hydrologic Modeling Calculations, Hydrologic Modeling Runoff Summary)

Allowable Discharge Rate for the 10-year post-development storm =
25.97 cfs

Allowable Discharge Rate for the 100-year post-development storm =
76.39 cfs

Post-Development Peak Flowrate (see Section 2: Hydrologic Modeling Calculations, Hydrologic Modeling Runoff Summary)

POND #1

$Q_{10} = 78.05 \text{ cfs}$

$Q_{100} = 128.75 \text{ cfs}$

POND #2

$Q_{10} = 95.52 \text{ cfs}$

$Q_{100} = 158.48 \text{ cfs}$

POND #3

$Q_{10} = 68.22 \text{ cfs}$

$Q_{100} = 122.10 \text{ cfs}$

POND #4

$Q_{10} = 58.05 \text{ cfs}$

$Q_{100} = 108.08 \text{ cfs}$

Outlet Structure Summary (see Appendix C: Reservoir and Routing Data, Outlet Structure Reports)

POND #1

The proposed outlet structure shall utilize a Type "E" inlet with a 4.25" diameter circular orifice and a 9" by 21" rectangular orifice. Discharge shall leave the outlet structure via a 30" RCP.

POND #2

The proposed outlet structure shall utilize a Type "E" inlet with a 9" diameter circular orifice and a 12" by 24" rectangular orifice. Discharge shall leave the outlet structure via a 24" RCP.

POND #3

The proposed outlet structure shall utilize a Type "E" inlet with a 6" by 18" rectangular orifice and a 6" by 18" rectangular orifice. Discharge shall leave the outlet structure via a 12" RCP.

POND #4

The proposed outlet structure shall utilize a Type "E" inlet with two (2) 9" by 18" rectangular orifices. Discharge shall leave the outlet structure via a 18" RCP.

Routed Storm Hydrographs (see Appendix C: Reservoir and Routing Data, Storage Indication Hydrographs)

POND #1

Peak 10 Year Post-Development Discharge Rate = **8.92 cfs**

Peak 100 Year Post-Development Discharge Rate = **31.72 cfs**

POND #2

Peak 10 Year Post-Development Discharge Rate = **7.85 cfs**

Peak 100 Year Post-Development Discharge Rate = **15.08 cfs**

POND #4

Peak 10 Year Post-Development Discharge Rate = **6.03 cfs**

Peak 100 Year Post-Development Discharge Rate = **11.14 cfs**

TOTAL POST-DEVELOPED DISCHARGE RATE

10-Year = 22.80 cfs < 25.97 cfs (allowable)

100-Year = 57.94 cfs < 76.39 cfs (allowable)

Therefore, the post-development discharge rate being conveyed to Hurricane Creek from the site is at a flowrate equal to, or less than, their respective allowable discharge rates.

Appendix A: Pre-Development Runoff Data

■ Existing Basins

- Time of Concentration Calculations
- Unit Hydrographs
- Hydrograph Summary Reports
- Hydrograph Flood Reports

TIME OF CONCENTRATION or TRAVEL TIME WORKSHEET

Project: Homesteads at Hillview

Designer: WFH

Date: 11-Dec-13

Str. No.: Existing Basin #1

Sheet Flow

1. Surface Description	Cultivated Soils	Grass	pavement
2. Manning's Roughness Coeff., (n)	0.170	0.150	0.011
3. Flow Length, (L) **total L<= 300 ft	n/a ft.	100.00 ft.	n/a ft.
4. Two-yr 24-hr Rainfall, (P2)	2.64 in.	2.64 in.	2.64 in.
5. Land Slope, (s)	0.0050 ft./ft.	0.0300 ft./ft.	0.0100 ft./ft.
6. Travel Time, (Tt) (Tt = [0.007(nL)^0.8]/[P2^0.5*s^0.4])	0.000 hr	+ 0.153 hr	+ 0.000 hr

Shallow Concentrated Flow

7. Surface Description (paved or unpaved)	paved	unpaved	unpaved
8. Flow Length, (L)	n/a ft.	261.00 ft.	632.00 ft.
9. Watercourse Slope, (s)	0.0047 ft./ft.	0.0300 ft./ft.	0.0070 ft./ft.
10. Average Velocity, (V) (Vp = 20.3282(s)^0.5) (Vup = 16.1345(s)^0.5)	0.000 ft./s	2.795 ft./s	1.350 ft./s
11. Travel Time, (Tt) (Tt = L/3600V)	0.000 hr	+ 0.026 hr	+ 0.130 hr

Watershed or
Subarea Tc or Tt =

0.547 hr

or

32.85 min

Channel Flow

12. Cross Sectional Flow Area, (a)	180.00 ft.^2	50.00 ft.^2	20.20 ft.^2
13. Wetted Perimeter, Pw	180.05 ft.	30.00 ft.	18.20 ft.
14. Hydraulic Radius, (r) (r = a/Pw)	1.000 ft.	1.667 ft.	1.110 ft.
15. Channel Slope, (s)	0.0086 ft./ft.	0.0050 ft./ft.	0.0050 ft./ft.
16. Manning's Roughness Coeff., (n)	0.170	0.012	0.060
17. Velocity, (V) (V = [1.49*r^0.67*s^0.5]/n)	0.818 ft./s	12.363 ft./s	1.883 ft./s
18. Flow Length, (L)	698.00 ft.	n/a ft.	n/a ft.
19. Travel Time, (Tt) (Tt = L/3600V)	0.239 hr	+ 0.000 hr	+ 0.000 hr

TIME OF CONCENTRATION or TRAVEL TIME WORKSHEET

Project: Homesteads at Hillview

Designer: WFH

Date: 11-Dec-13

Str. No.: Existing Basin #2

Sheet Flow

1. Surface Description	Cultivated Soils	Grass	pavement
2. Manning's Roughness Coeff., (n)	0.170	0.150	0.011
3. Flow Length, (L) **total L<= 300 ft	n/a ft.	100.00 ft.	n/a ft.
4. Two-yr 24-hr Rainfall, (P2)	2.64 in.	2.64 in.	2.64 in.
5. Land Slope, (s)	0.0050 ft./ft.	0.0400 ft./ft.	0.0100 ft./ft.
6. Travel Time, (Tt) (Tt = [0.007(nL)^0.8]/[P2^0.5*s^0.4])	0.000 hr	+ 0.136 hr	+ 0.000 hr

Shallow Concentrated Flow

7. Surface Description (paved or unpaved)	paved	unpaved	unpaved
8. Flow Length, (L)	n/a ft.	580.00 ft.	568.00 ft.
9. Watercourse Slope, (s)	0.0047 ft./ft.	0.0140 ft./ft.	0.0044 ft./ft.
10. Average Velocity, (V) (Vp = 20.3282(s)^0.5) (Vup = 16.1345(s)^0.5)	0.000 ft./s	1.909 ft./s	1.070 ft./s
11. Travel Time, (Tt) (Tt = L/3600V)	0.000 hr	+ 0.084 hr	+ 0.147 hr

Watershed or
Subarea Tc or Tt =

0.977 hr

or

58.62 min

Channel Flow

12. Cross Sectional Flow Area, (a)	180.00 ft.^2	50.00 ft.^2	20.20 ft.^2
13. Wetted Perimeter, Pw	180.05 ft.	30.00 ft.	18.20 ft.
14. Hydraulic Radius, (r) (r = a/Pw)	1.000 ft.	1.667 ft.	1.110 ft.
15. Channel Slope, (s)	0.0060 ft./ft.	0.0050 ft./ft.	0.0050 ft./ft.
16. Manning's Roughness Coeff., (n)	0.170	0.012	0.060
17. Velocity, (V) (V = [1.49*r^0.67*s^0.5]/n)	0.679 ft./s	12.363 ft./s	1.883 ft./s
18. Flow Length, (L)	1488.00 ft.	n/a ft.	n/a ft.
19. Travel Time, (Tt) (Tt = L/3600V)	0.609 hr	+ 0.000 hr	+ 0.000 hr

TIME OF CONCENTRATION or TRAVEL TIME WORKSHEET

Project: Homesteads at Hillview

Designer: WFH

Date: 11-Dec-13

Str. No.: Existing Basin #3

Sheet Flow

1. Surface Description	Cultivated Soils	Grass	pavement
2. Manning's Roughness Coeff., (n)	0.170	0.150	0.011
3. Flow Length, (L) **total L <= 300 ft	100.00 ft.	n/a ft.	n/a ft.
4. Two-yr 24-hr Rainfall, (P2)	2.64 in.	2.64 in.	2.64 in.
5. Land Slope, (s)	0.0150 ft./ft.	0.0400 ft./ft.	0.0100 ft./ft.
6. Travel Time, (Tt) ($Tt = [0.007(nL)^{0.8}]/[P2^{0.5}s^{0.4}]$)	0.223 hr	0.000 hr	0.000 hr

Shallow Concentrated Flow

7. Surface Description (paved or unpaved)	paved	unpaved	unpaved
8. Flow Length, (L)	n/a ft.	469.00 ft.	n/a ft.
9. Watercourse Slope, (s)	0.0047 ft./ft.	0.0050 ft./ft.	0.0044 ft./ft.
10. Average Velocity, (V) ($Vp = 20.3282(s)^{0.5}$) ($Vup = 16.1345(s)^{0.5}$)	0.000 ft./s	1.141 ft./s	0.000 ft./s
11. Travel Time, (Tt) ($Tt = L/3600V$)	0.000 hr	0.114 hr	0.000 hr

Watershed or
Subarea Tc or Tt =

0.337 hr

or

20.23 min

Channel Flow

12. Cross Sectional Flow Area, (a)	180.00 ft.^2	50.00 ft.^2	20.20 ft.^2
13. Wetted Perimeter, Pw	180.05 ft.	30.00 ft.	18.20 ft.
14. Hydraulic Radius, (r) ($r = a/Pw$)	1.000 ft.	1.667 ft.	1.110 ft.
15. Channel Slope, (s)	0.0060 ft./ft.	0.0050 ft./ft.	0.0050 ft./ft.
16. Manning's Roughness Coeff., (n)	0.170	0.012	0.060
17. Velocity, (V) ($V = [1.49r^{0.67}s^{0.5}]/n$)	0.679 ft./s	12.363 ft./s	1.883 ft./s
18. Flow Length, (L)	n/a ft.	n/a ft.	n/a ft.
19. Travel Time, (Tt) ($Tt = L/3600V$)	0.000 hr	0.000 hr	0.000 hr

UNIT HYDROGRAPH REPORT

Hydrograph Number: 1
Name: Existing Basin #1
Type: SCS Curvilinear

[UNIT HYDROGRAPH INFORMATION]
Peak Flow (Qp) = 52.23 (cfs)
Time to Peak (Tp) = 21.90 (min)
Time of Base (Tb) = 109.50 (min)
Volume = 2.10 (ac-ft)
Shape Factor = 484.00
Time Step = 1.00 (min)
Excess Rain = 1.00 (in)
Storm Duration = 4.37 (min)
Lag Time = 19.71 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
<None>		
Overall Approximation	25.21	68

[TIME CONCENTRATION -- User Defined]
Time of Concentration (Tc) = 32.85 (min)

UNIT HYDROGRAPH REPORT

Hydrograph Number:2
Name: Existing Basin #2
Type: SCS Curvilinear

[UNIT HYDROGRAPH INFORMATION]
Peak Flow (Qp) = 43.54 (cfs)
Time to Peak (Tp) = 39.08 (min)
Time of Base (Tb) = 195.40 (min)
Volume = 3.13 (ac-ft)
Shape Factor = 484.00
Time Step = 1.00 (min)
Excess Rain = 1.00 (in)
Storm Duration = 7.80 (min)
Lag Time = 35.17 (min)

[BASIN INFORMATION]
[WEIGHTED WATERSHED AREA]

Description	Area	CN
<None>		
Overall Approximation	37.50	68

[TIME CONCENTRATION -- User Defined]
Time of Concentration (Tc) = 58.62 (min)

UNIT HYDROGRAPH REPORT

Hydrograph Number:3
Name: Existing Basin #3
Type: SCS Curvilinear

[UNIT HYDROGRAPH INFORMATION]
Peak Flow (Qp) = 17.70 (cfs)
Time to Peak (Tp) = 13.49 (min)
Time of Base (Tb) = 67.43 (min)
Volume = 0.44 (ac-ft)
Shape Factor = 484.00
Time Step = 1.00 (min)
Excess Rain = 1.00 (in)
Storm Duration = 2.69 (min)
Lag Time = 12.14 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
<None>		
Overall Approximation	5.26	68

[TIME CONCENTRATION -- User Defined]
Time of Concentration (Tc) = 20.23 (min)

UNIT HYDROGRAPH REPORT

Hydrograph Number: 7
Name: Existing Basin #4
Type: SCS Curvilinear

[UNIT HYDROGRAPH INFORMATION]
Peak Flow (Qp) = 27.63 (cfs)
Time to Peak (Tp) = 6.67 (min)
Time of Base (Tb) = 33.33 (min)
Volume = 0.34 (ac-ft)
Shape Factor = 484.00
Time Step = 1.00 (min)
Excess Rain = 1.00 (in)
Storm Duration = 1.33 (min)
Lag Time = 6.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
<None>		
Overall Approximation	4.06	68

[TIME CONCENTRATION -- User Defined]
Time of Concentration (Tc) = 10.00 (min)

UNIT HYDROGRAPH REPORT

Hydrograph Number:4
Name: Existing Basin OFF-1
Type: SCS Curvilinear

[UNIT HYDROGRAPH INFORMATION]

Peak Flow (Qp)	=	16.48 (cfs)
Time to Peak (Tp)	=	7.16 (min)
Time of Base (Tb)	=	35.80 (min)
Volume	=	0.22 (ac-ft)
Shape Factor	=	484.00
Time Step	=	1.00 (min)
Excess Rain	=	1.00 (in)
Storm Duration	=	1.43 (min)
Lag Time	=	6.44 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
<None>		
Overall Approximation	2.60	68

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc)	=	10.74 (min)
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UNIT HYDROGRAPH REPORT

Hydrograph Number:5
Name: Existing Basin OFF-2
Type: SCS Curvilinear

[UNIT HYDROGRAPH INFORMATION]
Peak Flow (Qp) = 73.32 (cfs)
Time to Peak (Tp) = 8.80 (min)
Time of Base (Tb) = 44.00 (min)
Volume = 1.19 (ac-ft)
Shape Factor = 484.00
Time Step = 1.00 (min)
Excess Rain = 1.00 (in)
Storm Duration = 1.76 (min)
Lag Time = 7.92 (min)

[BASIN INFORMATION]
[WEIGHTED WATERSHED AREA]

Description	Area	CN
<None>		
Overall Approximation	14.22	68

[TIME CONCENTRATION -- User Defined]
Time of Concentration (Tc) = 13.20 (min)

UNIT HYDROGRAPH REPORT

Hydrograph Number:6
Name: Existing Basin DIR NE
Type: SCS Curvilinear

[UNIT HYDROGRAPH INFORMATION]
Peak Flow (Qp) = 50.09 (cfs)
Time to Peak (Tp) = 6.67 (min)
Time of Base (Tb) = 33.33 (min)
Volume = 0.61 (ac-ft)
Shape Factor = 484.00
Time Step = 1.00 (min)
Excess Rain = 1.00 (in)
Storm Duration = 1.33 (min)
Lag Time = 6.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
<None>		
Overall Approximation	7.36	68

[TIME CONCENTRATION -- User Defined]
Time of Concentration (Tc) = 10.00 (min)

UNIT HYDROGRAPH REPORT

Hydrograph Number:1
Name: Proposed Upper Shelbyville R/W Direct
Type: SCS Curvilinear

[UNIT HYDROGRAPH INFORMATION]

Peak Flow (Qp)	=	24.64 (cfs)
Time to Peak (Tp)	=	6.67 (min)
Time of Base (Tb)	=	33.33 (min)
Volume	=	0.30 (ac-ft)
Shape Factor	=	484.00
Time Step	=	1.00 (min)
Excess Rain	=	1.00 (in)
Storm Duration	=	1.33 (min)
Lag Time	=	6.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Grass - Good Condition	2.74	68
Pavement - Road/Path	0.88	98
Overall Approximation	3.62	76

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc)	=	10.00 (min)
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SUMMARY REPORT

[FLOOD HYDROGRAPH]

1 - (Basin EX 1) Pre 2 yr. - 1 hr.
Type : Computed Flood
Peak Flow : 0.05 cfs
Peak Time : 940.00 min

Unit Hydrograph :
1 - Existing Basin #1

2 - (Basin EX 1) Pre 2 yr. - 2 hr.
Type : Computed Flood
Peak Flow : 0.25 cfs
Peak Time : 763.00 min

Unit Hydrograph :
1 - Existing Basin #1

3 - (Basin EX 1) Pre 2 yr. - 3 hr.
Type : Computed Flood
Peak Flow : 0.59 cfs
Peak Time : 748.00 min

Unit Hydrograph :
1 - Existing Basin #1

4 - (Basin EX 1) Pre 2 yr. - 6 hr.
Type : Computed Flood
Peak Flow : 1.82 cfs
Peak Time : 741.00 min

Unit Hydrograph :
1 - Existing Basin #1

5 - (Basin EX 1) Pre 2 yr. - 12 hr.
Type : Computed Flood
Peak Flow : 4.61 cfs
Peak Time : 737.00 min

Unit Hydrograph :
1 - Existing Basin #1

6 - (Basin EX 1) Pre 2 yr. - 24 hr.
Type : Computed Flood
Peak Flow : 6.69 cfs
Peak Time : 736.00 min

Unit Hydrograph :

SUMMARY REPORT

- =====
- 1 - Existing Basin #1
- 7 - (Basin EX 1) Pre 10 yr. - 1 hr.
- | | | |
|-----------|------------------|-----|
| Type | : Computed Flood | |
| Peak Flow | : 1.71 | cfs |
| Peak Time | : 741.00 | min |
- Unit Hydrograph :
- 1 - Existing Basin #1
- 8 - (Basin EX 1) Pre 10 yr. - 2 hr.
- | | | |
|-----------|------------------|-----|
| Type | : Computed Flood | |
| Peak Flow | : 4.61 | cfs |
| Peak Time | : 737.00 | min |
- Unit Hydrograph :
- 1 - Existing Basin #1
- 9 - (Basin EX 1) Pre 10 yr. - 3 hr.
- | | | |
|-----------|------------------|-----|
| Type | : Computed Flood | |
| Peak Flow | : 6.69 | cfs |
| Peak Time | : 736.00 | min |
- Unit Hydrograph :
- 1 - Existing Basin #1
- 10 - (Basin EX 1) Pre 10 yr. - 6 hr.
- | | | |
|-----------|------------------|-----|
| Type | : Computed Flood | |
| Peak Flow | : 11.61 | cfs |
| Peak Time | : 736.00 | min |
- Unit Hydrograph :
- 1 - Existing Basin #1
- 11 - (Basin EX 1) Pre 10 yr. - 12 hr.
- | | | |
|-----------|------------------|-----|
| Type | : Computed Flood | |
| Peak Flow | : 17.33 | cfs |
| Peak Time | : 734.00 | min |
- Unit Hydrograph :
- 1 - Existing Basin #1
- 12 - (Basin EX 1) Pre 10 yr. - 24 hr.
- | | | |
|-----------|------------------|-----|
| Type | : Computed Flood | |
| Peak Flow | : 23.67 | cfs |
| Peak Time | : 734.00 | min |
- Unit Hydrograph :

SUMMARY REPORT

- =====
- 1 - Existing Basin #1
- 13 - (Basin EX 2) Pre 2 yr. - 1 hr.
- | | | |
|-----------|------------------|-----|
| Type | : Computed Flood | |
| Peak Flow | : 0.07 | cfs |
| Peak Time | : 961.00 | min |
- Unit Hydrograph :
- 2 - Existing Basin #2
- 14 - (Basin EX 2) Pre 2 yr. - 2 hr.
- | | | |
|-----------|------------------|-----|
| Type | : Computed Flood | |
| Peak Flow | : 0.33 | cfs |
| Peak Time | : 799.00 | min |
- Unit Hydrograph :
- 2 - Existing Basin #2
- 15 - (Basin EX 2) Pre 2 yr. - 3 hr.
- | | | |
|-----------|------------------|-----|
| Type | : Computed Flood | |
| Peak Flow | : 0.70 | cfs |
| Peak Time | : 775.00 | min |
- Unit Hydrograph :
- 2 - Existing Basin #2
- 16 - (Basin EX 2) Pre 2 yr. - 6 hr.
- | | | |
|-----------|------------------|-----|
| Type | : Computed Flood | |
| Peak Flow | : 1.92 | cfs |
| Peak Time | : 764.00 | min |
- Unit Hydrograph :
- 2 - Existing Basin #2
- 17 - (Basin EX 2) Pre 2 yr. - 12 hr.
- | | | |
|-----------|------------------|-----|
| Type | : Computed Flood | |
| Peak Flow | : 4.59 | cfs |
| Peak Time | : 757.00 | min |
- Unit Hydrograph :
- 2 - Existing Basin #2
- 18 - (Basin EX 2) Pre 2 yr. - 24 hr.
- | | | |
|-----------|------------------|-----|
| Type | : Computed Flood | |
| Peak Flow | : 6.56 | cfs |
| Peak Time | : 756.00 | min |
- Unit Hydrograph :

SUMMARY REPORT

=====			
2 - Existing Basin #2			
19 - (Basin EX 2) Pre 10 yr. - 1 hr.			
Type	:	Computed Flood	
Peak Flow	:	1.82	cfs
Peak Time	:	764.00	min
Unit Hydrograph :			
2 - Existing Basin #2			
20 - (Basin EX 2) Pre 10 yr. - 2 hr.			
Type	:	Computed Flood	
Peak Flow	:	4.59	cfs
Peak Time	:	757.00	min
Unit Hydrograph :			
2 - Existing Basin #2			
21 - (Basin EX 2) Pre 10 yr. - 3 hr.			
Type	:	Computed Flood	
Peak Flow	:	6.56	cfs
Peak Time	:	756.00	min
Unit Hydrograph :			
2 - Existing Basin #2			
22 - (Basin EX 2) Pre 10 yr. - 6 hr.			
Type	:	Computed Flood	
Peak Flow	:	11.34	cfs
Peak Time	:	753.00	min
Unit Hydrograph :			
2 - Existing Basin #2			
23 - (Basin EX 2) Pre 10 yr. - 12 hr.			
Type	:	Computed Flood	
Peak Flow	:	16.96	cfs
Peak Time	:	752.00	min
Unit Hydrograph :			
2 - Existing Basin #2			
24 - (Basin EX 2) Pre 10 yr. - 24 hr.			
Type	:	Computed Flood	
Peak Flow	:	23.21	cfs
Peak Time	:	752.00	min
Unit Hydrograph :			

SUMMARY REPORT

=====			
2 - Existing Basin #2			
25 - (Basin EX 3) Pre 2 yr. - 1 hr.			
Type	: Computed Flood		
Peak Flow	: 0.01	cfs	
Peak Time	: 938.00	min	
Unit Hydrograph :			
3 - Existing Basin #3			
26 - (Basin EX 3) Pre 2 yr. - 2 hr.			
Type	: Computed Flood		
Peak Flow	: 0.06	cfs	
Peak Time	: 750.00	min	
Unit Hydrograph :			
3 - Existing Basin #3			
27 - (Basin EX 3) Pre 2 yr. - 3 hr.			
Type	: Computed Flood		
Peak Flow	: 0.15	cfs	
Peak Time	: 734.00	min	
Unit Hydrograph :			
3 - Existing Basin #3			
28 - (Basin EX 3) Pre 2 yr. - 6 hr.			
Type	: Computed Flood		
Peak Flow	: 0.52	cfs	
Peak Time	: 730.00	min	
Unit Hydrograph :			
3 - Existing Basin #3			
29 - (Basin EX 3) Pre 2 yr. - 12 hr.			
Type	: Computed Flood		
Peak Flow	: 1.36	cfs	
Peak Time	: 728.00	min	
Unit Hydrograph :			
3 - Existing Basin #3			
30 - (Basin EX 3) Pre 2 yr. - 24 hr.			
Type	: Computed Flood		
Peak Flow	: 1.97	cfs	
Peak Time	: 728.00	min	
Unit Hydrograph :			

SUMMARY REPORT

- =====
- 3 - Existing Basin #3
- 31 - (Basin EX 3) Pre 10 yr. - 1 hr.
- | | | |
|-----------|------------------|-----|
| Type | : Computed Flood | |
| Peak Flow | : 0.48 | cfs |
| Peak Time | : 730.00 | min |
- Unit Hydrograph :
3 - Existing Basin #3
- 32 - (Basin EX 3) Pre 10 yr. - 2 hr.
- | | | |
|-----------|------------------|-----|
| Type | : Computed Flood | |
| Peak Flow | : 1.36 | cfs |
| Peak Time | : 728.00 | min |
- Unit Hydrograph :
3 - Existing Basin #3
- 33 - (Basin EX 3) Pre 10 yr. - 3 hr.
- | | | |
|-----------|------------------|-----|
| Type | : Computed Flood | |
| Peak Flow | : 1.97 | cfs |
| Peak Time | : 728.00 | min |
- Unit Hydrograph :
3 - Existing Basin #3
- 34 - (Basin EX 3) Pre 10 yr. - 6 hr.
- | | | |
|-----------|------------------|-----|
| Type | : Computed Flood | |
| Peak Flow | : 3.40 | cfs |
| Peak Time | : 727.00 | min |
- Unit Hydrograph :
3 - Existing Basin #3
- 35 - (Basin EX 3) Pre 10 yr. - 12 hr.
- | | | |
|-----------|------------------|-----|
| Type | : Computed Flood | |
| Peak Flow | : 5.04 | cfs |
| Peak Time | : 726.00 | min |
- Unit Hydrograph :
3 - Existing Basin #3
- 36 - (Basin EX 3) Pre 10 yr. - 24 hr.
- | | | |
|-----------|------------------|-----|
| Type | : Computed Flood | |
| Peak Flow | : 6.84 | cfs |
| Peak Time | : 726.00 | min |
- Unit Hydrograph :

SUMMARY REPORT

=====			
3 - Existing Basin #3			
37 - (Basin OFF-1) Pre 2 yr. - 1 hr.			
Type	:	Computed Flood	
Peak Flow	:	0.00	cfs
Peak Time	:	0.00	min
Unit Hydrograph :			
4 - Existing Basin OFF-1			
38 - (Basin OFF-1) Pre 2 yr. - 2 hr.			
Type	:	Computed Flood	
Peak Flow	:	0.03	cfs
Peak Time	:	742.00	min
Unit Hydrograph :			
4 - Existing Basin OFF-1			
39 - (Basin OFF-1) Pre 2 yr. - 3 hr.			
Type	:	Computed Flood	
Peak Flow	:	0.10	cfs
Peak Time	:	724.00	min
Unit Hydrograph :			
4 - Existing Basin OFF-1			
40 - (Basin OFF-1) Pre 2 yr. - 6 hr.			
Type	:	Computed Flood	
Peak Flow	:	0.39	cfs
Peak Time	:	723.00	min
Unit Hydrograph :			
4 - Existing Basin OFF-1			
41 - (Basin OFF-1) Pre 2 yr. - 12 hr.			
Type	:	Computed Flood	
Peak Flow	:	1.01	cfs
Peak Time	:	722.00	min
Unit Hydrograph :			
4 - Existing Basin OFF-1			
42 - (Basin OFF-1) Pre 2 yr. - 24 hr.			
Type	:	Computed Flood	
Peak Flow	:	1.43	cfs
Peak Time	:	721.00	min
Unit Hydrograph :			

SUMMARY REPORT

=====

4 - Existing Basin OFF-1

43 - (Basin OFF-1) Pre 10 yr. - 1 hr.
Type : Computed Flood
Peak Flow : 0.36 cfs
Peak Time : 723.00 min

Unit Hydrograph :
4 - Existing Basin OFF-1

44 - (Basin OFF-1) Pre 10 yr. - 2 hr.
Type : Computed Flood
Peak Flow : 1.01 cfs
Peak Time : 722.00 min

Unit Hydrograph :
4 - Existing Basin OFF-1

45 - (Basin OFF-1) Pre 10 yr. - 3 hr.
Type : Computed Flood
Peak Flow : 1.43 cfs
Peak Time : 721.00 min

Unit Hydrograph :
4 - Existing Basin OFF-1

46 - (Basin OFF-1) Pre 10 yr. - 6 hr.
Type : Computed Flood
Peak Flow : 2.42 cfs
Peak Time : 721.00 min

Unit Hydrograph :
4 - Existing Basin OFF-1

47 - (Basin OFF-1) Pre 10 yr. - 12 hr.
Type : Computed Flood
Peak Flow : 3.53 cfs
Peak Time : 721.00 min

Unit Hydrograph :
4 - Existing Basin OFF-1

48 - (Basin OFF-1) Pre 10 yr. - 24 hr.
Type : Computed Flood
Peak Flow : 4.73 cfs
Peak Time : 721.00 min

Unit Hydrograph :

SUMMARY REPORT

=====			
4 - Existing Basin OFF-1			
49 - (Basin OFF-2) Pre 2 yr. - 1 hr.			
Type	:	Computed Flood	
Peak Flow	:	0.03	cfs
Peak Time	:	926.00	min
Unit Hydrograph :			
5 - Existing Basin OFF-2			
50 - (Basin OFF-2) Pre 2 yr. - 2 hr.			
Type	:	Computed Flood	
Peak Flow	:	0.16	cfs
Peak Time	:	745.00	min
Unit Hydrograph :			
5 - Existing Basin OFF-2			
51 - (Basin OFF-2) Pre 2 yr. - 3 hr.			
Type	:	Computed Flood	
Peak Flow	:	0.49	cfs
Peak Time	:	727.00	min
Unit Hydrograph :			
5 - Existing Basin OFF-2			
52 - (Basin OFF-2) Pre 2 yr. - 6 hr.			
Type	:	Computed Flood	
Peak Flow	:	1.85	cfs
Peak Time	:	725.00	min
Unit Hydrograph :			
5 - Existing Basin OFF-2			
53 - (Basin OFF-2) Pre 2 yr. - 12 hr.			
Type	:	Computed Flood	
Peak Flow	:	4.87	cfs
Peak Time	:	723.00	min
Unit Hydrograph :			
5 - Existing Basin OFF-2			
54 - (Basin OFF-2) Pre 2 yr. - 24 hr.			
Type	:	Computed Flood	
Peak Flow	:	7.02	cfs
Peak Time	:	723.00	min
Unit Hydrograph :			

SUMMARY REPORT

=====

5 - Existing Basin OFF-2

55 - (Basin OFF-2) Pre 10 yr. - 1 hr.
Type : Computed Flood
Peak Flow : 1.74 cfs
Peak Time : 725.00 min

Unit Hydrograph :
5 - Existing Basin OFF-2

56 - (Basin OFF-2) Pre 10 yr. - 2 hr.
Type : Computed Flood
Peak Flow : 4.87 cfs
Peak Time : 723.00 min

Unit Hydrograph :
5 - Existing Basin OFF-2

57 - (Basin OFF-2) Pre 10 yr. - 3 hr.
Type : Computed Flood
Peak Flow : 7.02 cfs
Peak Time : 723.00 min

Unit Hydrograph :
5 - Existing Basin OFF-2

58 - (Basin OFF-2) Pre 10 yr. - 6 hr.
Type : Computed Flood
Peak Flow : 11.89 cfs
Peak Time : 722.00 min

Unit Hydrograph :
5 - Existing Basin OFF-2

59 - (Basin OFF-2) Pre 10 yr. - 12 hr.
Type : Computed Flood
Peak Flow : 17.49 cfs
Peak Time : 722.00 min

Unit Hydrograph :
5 - Existing Basin OFF-2

60 - (Basin OFF-2) Pre 10 yr. - 24 hr.
Type : Computed Flood
Peak Flow : 23.56 cfs
Peak Time : 722.00 min

Unit Hydrograph :

SUMMARY REPORT

=====

5 - Existing Basin OFF-2

61 - (Basin DIR NE) Pre 2 yr. - 1 hr.
Type : Computed Flood
Peak Flow : 0.01 cfs
Peak Time : 925.00 min

Unit Hydrograph :
6 - Existing Basin DIR NE

62 - (Basin DIR NE) Pre 2 yr. - 2 hr.
Type : Computed Flood
Peak Flow : 0.08 cfs
Peak Time : 743.00 min

Unit Hydrograph :
6 - Existing Basin DIR NE

63 - (Basin DIR NE) Pre 2 yr. - 3 hr.
Type : Computed Flood
Peak Flow : 0.30 cfs
Peak Time : 724.00 min

Unit Hydrograph :
6 - Existing Basin DIR NE

64 - (Basin DIR NE) Pre 2 yr. - 6 hr.
Type : Computed Flood
Peak Flow : 1.14 cfs
Peak Time : 722.00 min

Unit Hydrograph :
6 - Existing Basin DIR NE

65 - (Basin DIR NE) Pre 2 yr. - 12 hr.
Type : Computed Flood
Peak Flow : 2.95 cfs
Peak Time : 721.00 min

Unit Hydrograph :
6 - Existing Basin DIR NE

66 - (Basin DIR NE) Pre 2 yr. - 24 hr.
Type : Computed Flood
Peak Flow : 4.22 cfs
Peak Time : 721.00 min

Unit Hydrograph :

SUMMARY REPORT

=====

6 - Existing Basin DIR NE

67 - (Basin DIR NE) Pre 10 yr. - 1 hr.
Type : Computed Flood
Peak Flow : 1.07 cfs
Peak Time : 722.00 min

Unit Hydrograph :
6 - Existing Basin DIR NE

68 - (Basin DIR NE) Pre 10 yr. - 2 hr.
Type : Computed Flood
Peak Flow : 2.95 cfs
Peak Time : 721.00 min

Unit Hydrograph :
6 - Existing Basin DIR NE

69 - (Basin DIR NE) Pre 10 yr. - 3 hr.
Type : Computed Flood
Peak Flow : 4.22 cfs
Peak Time : 721.00 min

Unit Hydrograph :
6 - Existing Basin DIR NE

70 - (Basin DIR NE) Pre 10 yr. - 6 hr.
Type : Computed Flood
Peak Flow : 7.07 cfs
Peak Time : 721.00 min

Unit Hydrograph :
6 - Existing Basin DIR NE

71 - (Basin DIR NE) Pre 10 yr. - 12 hr.
Type : Computed Flood
Peak Flow : 10.29 cfs
Peak Time : 720.00 min

Unit Hydrograph :
6 - Existing Basin DIR NE

72 - (Basin DIR NE) Pre 10 yr. - 24 hr.
Type : Computed Flood
Peak Flow : 13.82 cfs
Peak Time : 720.00 min

Unit Hydrograph :

SUMMARY REPORT

=====

6 - Existing Basin DIR NE

73 - (Basin EX 4) Pre 2 yr. - 1 hr.
Type : Computed Flood
Peak Flow : 0.01 cfs
Peak Time : 929.00 min

Unit Hydrograph :
7 - Existing Basin #4

74 - (Basin EX 4) Pre 2 yr. - 2 hr.
Type : Computed Flood
Peak Flow : 0.04 cfs
Peak Time : 742.00 min

Unit Hydrograph :
7 - Existing Basin #4

75 - (Basin EX 4) Pre 2 yr. - 3 hr.
Type : Computed Flood
Peak Flow : 0.17 cfs
Peak Time : 724.00 min

Unit Hydrograph :
7 - Existing Basin #4

76 - (Basin EX 4) Pre 2 yr. - 6 hr.
Type : Computed Flood
Peak Flow : 0.63 cfs
Peak Time : 722.00 min

Unit Hydrograph :
7 - Existing Basin #4

77 - (Basin EX 4) Pre 2 yr. - 12 hr.
Type : Computed Flood
Peak Flow : 1.63 cfs
Peak Time : 721.00 min

Unit Hydrograph :
7 - Existing Basin #4

78 - (Basin EX 4) Pre 2 yr. - 24 hr.
Type : Computed Flood
Peak Flow : 2.33 cfs
Peak Time : 721.00 min

Unit Hydrograph :

SUMMARY REPORT

- =====
- 7 - Existing Basin #4
- 79 - (Basin EX 4) Pre 10 yr. - 1 hr.
Type : Computed Flood
Peak Flow : 0.59 cfs
Peak Time : 722.00 min

Unit Hydrograph :
7 - Existing Basin #4
- 80 - (Basin EX 4) Pre 10 yr. - 2 hr.
Type : Computed Flood
Peak Flow : 1.63 cfs
Peak Time : 721.00 min

Unit Hydrograph :
7 - Existing Basin #4
- 81 - (Basin EX 4) Pre 10 yr. - 3 hr.
Type : Computed Flood
Peak Flow : 2.33 cfs
Peak Time : 721.00 min

Unit Hydrograph :
7 - Existing Basin #4
- 82 - (Basin EX 4) Pre 10 yr. - 6 hr.
Type : Computed Flood
Peak Flow : 3.90 cfs
Peak Time : 721.00 min

Unit Hydrograph :
7 - Existing Basin #4
- 83 - (Basin EX 4) Pre 10 yr. - 12 hr.
Type : Computed Flood
Peak Flow : 5.68 cfs
Peak Time : 720.00 min

Unit Hydrograph :
7 - Existing Basin #4
- 84 - (Basin EX 4) Pre 10 yr. - 24 hr.
Type : Computed Flood
Peak Flow : 7.62 cfs
Peak Time : 720.00 min

Unit Hydrograph :

SUMMARY REPORT

=====

7 - Existing Basin #4

85 - (Basin OFF-1) Pre 100 yr. - 1 hr.
Type : Computed Flood
Peak Flow : 1.91 cfs
Peak Time : 721.00 min

Unit Hydrograph :
4 - Existing Basin OFF-1

86 - (Basin OFF-1) Pre 100 yr. - 2 hr.
Type : Computed Flood
Peak Flow : 3.29 cfs
Peak Time : 721.00 min

Unit Hydrograph :
4 - Existing Basin OFF-1

87 - (Basin OFF-1) Pre 100 yr. - 3 hr.
Type : Computed Flood
Peak Flow : 4.20 cfs
Peak Time : 721.00 min

Unit Hydrograph :
4 - Existing Basin OFF-1

88 - (Basin OFF-1) Pre 100 yr. - 6 hr.
Type : Computed Flood
Peak Flow : 5.84 cfs
Peak Time : 721.00 min

Unit Hydrograph :
4 - Existing Basin OFF-1

89 - (Basin OFF-1) Pre 100 yr. - 12 hr.
Type : Computed Flood
Peak Flow : 7.69 cfs
Peak Time : 720.00 min

Unit Hydrograph :
4 - Existing Basin OFF-1

90 - (Basin OFF-1) Pre 100 yr. - 24 hr.
Type : Computed Flood
Peak Flow : 10.19 cfs
Peak Time : 720.00 min

Unit Hydrograph :

SUMMARY REPORT

=====

4 - Existing Basin OFF-1

91 - (Basin OFF-2) Pre 100 yr. - 1 hr.
Type : Computed Flood
Peak Flow : 9.37 cfs
Peak Time : 723.00 min

Unit Hydrograph :
5 - Existing Basin OFF-2

92 - (Basin OFF-2) Pre 100 yr. - 2 hr.
Type : Computed Flood
Peak Flow : 16.28 cfs
Peak Time : 722.00 min

Unit Hydrograph :
5 - Existing Basin OFF-2

93 - (Basin OFF-2) Pre 100 yr. - 3 hr.
Type : Computed Flood
Peak Flow : 20.85 cfs
Peak Time : 722.00 min

Unit Hydrograph :
5 - Existing Basin OFF-2

94 - (Basin OFF-2) Pre 100 yr. - 6 hr.
Type : Computed Flood
Peak Flow : 29.18 cfs
Peak Time : 722.00 min

Unit Hydrograph :
5 - Existing Basin OFF-2

95 - (Basin OFF-2) Pre 100 yr. - 12 hr.
Type : Computed Flood
Peak Flow : 38.49 cfs
Peak Time : 722.00 min

Unit Hydrograph :
5 - Existing Basin OFF-2

96 - (Basin OFF-2) Pre 100 yr. - 24 hr.
Type : Computed Flood
Peak Flow : 50.97 cfs
Peak Time : 722.00 min

Unit Hydrograph :

SUMMARY REPORT

=====

5 - Existing Basin OFF-2

97 - Combined ONSITE 2 yr. + OFFSITE 10 yr.

Type : Combined
Peak Flow : 36.01 cfs
Peak Time : 722.00 min

Combined Hydrograph:

- 6 - (Basin EX 1) Pre 2 yr. - 24 hr.
- 18 - (Basin EX 2) Pre 2 yr. - 24 hr.
- 30 - (Basin EX 3) Pre 2 yr. - 24 hr.
- 78 - (Basin EX 4) Pre 2 yr. - 24 hr.
- 48 - (Basin OFF-1) Pre 10 yr. - 24 hr.
- 60 - (Basin OFF-2) Pre 10 yr. - 24 hr.

98 - Combined ONSITE 10 yr. + OFFSITE 100 yr.

Type : Combined
Peak Flow : 95.13 cfs
Peak Time : 722.00 min

Combined Hydrograph:

- 12 - (Basin EX 1) Pre 10 yr. - 24 hr.
- 24 - (Basin EX 2) Pre 10 yr. - 24 hr.
- 36 - (Basin EX 3) Pre 10 yr. - 24 hr.
- 84 - (Basin EX 4) Pre 10 yr. - 24 hr.
- 90 - (Basin OFF-1) Pre 100 yr. - 24 hr.
- 96 - (Basin OFF-2) Pre 100 yr. - 24 hr.

SUMMARY REPORT

[FLOOD HYDROGRAPH]

1 - Post 2yr. - 1 hr.

Type	:	Computed Flood
Peak Flow	:	0.25 cfs
Peak Time	:	723.00 min

Unit Hydrograph :

1 - Proposed Upper Shelbyville R/W Direct

2 - Post 2yr. - 2 hr.

Type	:	Computed Flood
Peak Flow	:	0.76 cfs
Peak Time	:	722.00 min

Unit Hydrograph :

1 - Proposed Upper Shelbyville R/W Direct

3 - Post 2yr. - 3 hr.

Type	:	Computed Flood
Peak Flow	:	1.15 cfs
Peak Time	:	721.00 min

Unit Hydrograph :

1 - Proposed Upper Shelbyville R/W Direct

4 - Post 2yr. - 6 hr.

Type	:	Computed Flood
Peak Flow	:	1.99 cfs
Peak Time	:	721.00 min

Unit Hydrograph :

1 - Proposed Upper Shelbyville R/W Direct

5 - Post 2yr. - 12 hr.

Type	:	Computed Flood
Peak Flow	:	3.34 cfs
Peak Time	:	720.00 min

Unit Hydrograph :

1 - Proposed Upper Shelbyville R/W Direct

6 - Post 2yr. - 24 hr.

Type	:	Computed Flood
Peak Flow	:	4.20 cfs
Peak Time	:	720.00 min

Unit Hydrograph :

SUMMARY REPORT

=====

1 - Proposed Upper Shelbyville R/W Direct

7 - Post 10 yr. - 1 hr.

Type : Computed Flood
Peak Flow : 1.93 cfs
Peak Time : 721.00 min

Unit Hydrograph :
1 - Proposed Upper Shelbyville R/W Direct

8 - Post 10 yr. - 2 hr.

Type : Computed Flood
Peak Flow : 3.34 cfs
Peak Time : 720.00 min

Unit Hydrograph :
1 - Proposed Upper Shelbyville R/W Direct

9 - Post 10 yr. - 3 hr.

Type : Computed Flood
Peak Flow : 4.20 cfs
Peak Time : 720.00 min

Unit Hydrograph :
1 - Proposed Upper Shelbyville R/W Direct

10 - Post 10 yr. - 6 hr.

Type : Computed Flood
Peak Flow : 6.03 cfs
Peak Time : 720.00 min

Unit Hydrograph :
1 - Proposed Upper Shelbyville R/W Direct

11 - Post 10 yr. - 12 hr.

Type : Computed Flood
Peak Flow : 7.99 cfs
Peak Time : 720.00 min

Unit Hydrograph :
1 - Proposed Upper Shelbyville R/W Direct

12 - Post 10 yr. - 24 hr.

Type : Computed Flood
Peak Flow : 10.04 cfs
Peak Time : 720.00 min

Unit Hydrograph :

SUMMARY REPORT

=====

1 - Proposed Upper Shelbyville R/W Direct

13 - Post 100 yr. - 1 hr.

Type	: Computed Flood	
Peak Flow	: 5.10	cfs
Peak Time	: 720.00	min

Unit Hydrograph :
1 - Proposed Upper Shelbyville R/W Direct

14 - Post 100 yr. - 2 hr.

Type	: Computed Flood	
Peak Flow	: 7.57	cfs
Peak Time	: 720.00	min

Unit Hydrograph :
1 - Proposed Upper Shelbyville R/W Direct

15 - Post 100 yr. - 3 hr.

Type	: Computed Flood	
Peak Flow	: 9.13	cfs
Peak Time	: 720.00	min

Unit Hydrograph :
1 - Proposed Upper Shelbyville R/W Direct

16 - Post 100 yr. - 6 hr.

Type	: Computed Flood	
Peak Flow	: 11.88	cfs
Peak Time	: 720.00	min

Unit Hydrograph :
1 - Proposed Upper Shelbyville R/W Direct

17 - Post 100 yr. - 12 hr.

Type	: Computed Flood	
Peak Flow	: 14.86	cfs
Peak Time	: 720.00	min

Unit Hydrograph :
1 - Proposed Upper Shelbyville R/W Direct

18 - Post 100 yr. - 24 hr.

Type	: Computed Flood	
Peak Flow	: 18.74	cfs
Peak Time	: 720.00	min

Unit Hydrograph :

SUMMARY REPORT

=====

1 - Proposed Upper Shelbyville R/W Direct

19 - Routed 2 yr. - 24 hr.

Type	:	Reservoir:	Storage	Indication
Peak Flow	:	5.51	cfs	
Peak Time	:	749.00	min	

Inflow Hydrograph

6 - Post 2yr. - 24 hr.

20 - Routed 10 yr. - 24 hr.

Type	:	Reservoir:	Storage	Indication
Peak Flow	:	8.32	cfs	
Peak Time	:	754.00	min	

Inflow Hydrograph

12 - Post 10 yr. - 24 hr.

21 - Routed 100 yr. - 24 hr.

Type	:	Reservoir:	Storage	Indication
Peak Flow	:	18.55	cfs	
Peak Time	:	744.00	min	

Inflow Hydrograph

18 - Post 100 yr. - 24 hr.

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 97
Name: Combined ONSITE 2 yr. + OFFSITE 10 yr.
Type: Combined

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 36.01 (cfs)
Time to Peak (Tp) = 722.00 (min)
Time of Base (Tb) = 1440.00 (min)
Volume = 4.41 (ac-ft)
Time Step = 2.00 (min)

[COMBINED HYDROGRAPH RECORDS]

Hydrograph Number:6
Name: (Basin EX 1) Pre 2 yr. - 24 hr.
Type: Computed Flood
Peak Flow (Qp) = 6.69 (cfs)
Time to Peak (Tp) = 736.00 (min)
Time Step = 1.00 (min)
Hydrograph Number:18
Name: (Basin EX 2) Pre 2 yr. - 24 hr.
Type: Computed Flood
Peak Flow (Qp) = 6.56 (cfs)
Time to Peak (Tp) = 756.00 (min)
Time Step = 1.00 (min)
Hydrograph Number:30
Name: (Basin EX 3) Pre 2 yr. - 24 hr.
Type: Computed Flood
Peak Flow (Qp) = 1.97 (cfs)
Time to Peak (Tp) = 728.00 (min)
Time Step = 1.00 (min)
Hydrograph Number:78
Name: (Basin EX 4) Pre 2 yr. - 24 hr.
Type: Computed Flood
Peak Flow (Qp) = 2.33 (cfs)
Time to Peak (Tp) = 721.00 (min)
Time Step = 1.00 (min)
Hydrograph Number:48
Name: (Basin OFF-1) Pre 10 yr. - 24 hr.
Type: Computed Flood
Peak Flow (Qp) = 4.73 (cfs)
Time to Peak (Tp) = 721.00 (min)
Time Step = 1.00 (min)
Hydrograph Number:60
Name: (Basin OFF-2) Pre 10 yr. - 24 hr.
Type: Computed Flood
Peak Flow (Qp) = 23.56 (cfs)
Time to Peak (Tp) = 722.00 (min)

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 98
Name: Combined ONSITE 10 yr. + OFFSITE 100 yr.
Type: Combined

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 95.13 (cfs)
Time to Peak (Tp) = 722.00 (min)
Time of Base (Tb) = 1440.00 (min)
Volume = 11.11 (ac-ft)
Time Step = 2.00 (min)

[COMBINED HYDROGRAPH RECORDS]

Hydrograph Number:12
Name: (Basin EX 1) Pre 10 yr. - 24 hr.
Type: Computed Flood
Peak Flow (Qp) = 23.67 (cfs)
Time to Peak (Tp) = 734.00 (min)
Time Step = 1.00 (min)

Hydrograph Number:24
Name: (Basin EX 2) Pre 10 yr. - 24 hr.
Type: Computed Flood
Peak Flow (Qp) = 23.21 (cfs)
Time to Peak (Tp) = 752.00 (min)
Time Step = 1.00 (min)

Hydrograph Number:36
Name: (Basin EX 3) Pre 10 yr. - 24 hr.
Type: Computed Flood
Peak Flow (Qp) = 6.84 (cfs)
Time to Peak (Tp) = 726.00 (min)
Time Step = 1.00 (min)

Hydrograph Number:84
Name: (Basin EX 4) Pre 10 yr. - 24 hr.
Type: Computed Flood
Peak Flow (Qp) = 7.62 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time Step = 1.00 (min)

Hydrograph Number:90
Name: (Basin OFF-1) Pre 100 yr. - 24 hr.
Type: Computed Flood
Peak Flow (Qp) = 10.19 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time Step = 1.00 (min)

Hydrograph Number:96
Name: (Basin OFF-2) Pre 100 yr. - 24 hr.
Type: Computed Flood
Peak Flow (Qp) = 50.97 (cfs)
Time to Peak (Tp) = 722.00 (min)

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 12
Name: Post 10 yr. - 24 hr.
Type: Computed Flood

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 10.04 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 1472.39 (min)
Volume = 0.54 (ac-ft)
Time Step = 1.00 (min)
Flow Multiplier = 1.00

[UNIT HYDROGRAPH INFORMATION]

Number = 1
Type = SCS Curvilinear
Peak Flow (Qp) = 24.64 (cfs)
Time to Peak (Tp) = 6.67 (min)
Time of Base (Tb) = 33.33 (min)
Volume = 0.30 (ac-ft)
Shape Factor = 484.00
Time Step: = 1.00 (min)
Excess Rain = 1.00 (in)
Lag Time = 6.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Grass - Good Condition	2.74	68
Pavement - Road/Path	0.88	98
Overall Approximation	3.62	76

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc) = 10.00 (min)

[RAINFALL DESCRIPTION]

Distribution Type = SCS II
Total Precipitation = 4.08 (in)
Return Period = User Defined (yr)
Storm Duration = 24.00 (hr)

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 18
Name: Post 100 yr. - 24 hr.
Type: Computed Flood

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 18.74 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 1472.39 (min)
Volume = 1.02 (ac-ft)
Time Step = 1.00 (min)
Flow Multiplier = 1.00

[UNIT HYDROGRAPH INFORMATION]

Number = 1
Type = SCS Curvilinear
Peak Flow (Qp) = 24.64 (cfs)
Time to Peak (Tp) = 6.67 (min)
Time of Base (Tb) = 33.33 (min)
Volume = 0.30 (ac-ft)
Shape Factor = 484.00
Time Step: = 1.00 (min)
Excess Rain = 1.00 (in)
Lag Time = 6.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Grass - Good Condition	2.74	68
Pavement - Road/Path	0.88	98
Overall Approximation	3.62	76

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc) = 10.00 (min)

[RAINFALL DESCRIPTION]

Distribution Type = SCS II
Total Precipitation = 6.00 (in)
Return Period = 100 (yr)
Storm Duration = 24.00 (hr)

Appendix B: Post-Development Runoff Data

- Proposed Basins
 - Unit Hydrographs
 - Hydrograph Summary Reports
 - Hydrograph Flood Reports

UNIT HYDROGRAPH REPORT

Hydrograph Number: 1
Name: Proposed Pond Basin #1
Type: SCS Curvilinear

[UNIT HYDROGRAPH INFORMATION]

Peak Flow (Qp)	=	120.75 (cfs)
Time to Peak (Tp)	=	8.00 (min)
Time of Base (Tb)	=	40.00 (min)
Volume	=	1.77 (ac-ft)
Shape Factor	=	484.00
Time Step	=	2.00 (min)
Excess Rain	=	1.00 (in)
Storm Duration	=	1.60 (min)
Lag Time	=	7.20 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Homesteads Lots	8.86	86
Village Green Lots	9.75	88
Grass - Good Condition	1.93	68
Water	0.75	98
Overall Approximation	21.29	86

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc)	=	12.00 (min)
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SUMMARY REPORT

[FLOOD HYDROGRAPH]

1 - Post 2yr. - 1 hr.

Type	:	Computed Flood
Peak Flow	:	9.46 cfs
Peak Time	:	722.00 min

Unit Hydrograph :

1 - Proposed Pond Basin #1

2 - Post 2yr. - 2 hr.

Type	:	Computed Flood
Peak Flow	:	14.77 cfs
Peak Time	:	722.00 min

Unit Hydrograph :

1 - Proposed Pond Basin #1

3 - Post 2yr. - 3 hr.

Type	:	Computed Flood
Peak Flow	:	18.13 cfs
Peak Time	:	722.00 min

Unit Hydrograph :

1 - Proposed Pond Basin #1

4 - Post 2yr. - 6 hr.

Type	:	Computed Flood
Peak Flow	:	24.81 cfs
Peak Time	:	720.00 min

Unit Hydrograph :

1 - Proposed Pond Basin #1

5 - Post 2yr. - 12 hr.

Type	:	Computed Flood
Peak Flow	:	34.88 cfs
Peak Time	:	720.00 min

Unit Hydrograph :

1 - Proposed Pond Basin #1

6 - Post 2yr. - 24 hr.

Type	:	Computed Flood
Peak Flow	:	40.84 cfs
Peak Time	:	720.00 min

Unit Hydrograph :

SUMMARY REPORT

=====

1 - Proposed Pond Basin #1

7 - Post 10 yr. - 1 hr.

Type	: Computed Flood	
Peak Flow	: 24.34	cfs
Peak Time	: 720.00	min

Unit Hydrograph :

1 - Proposed Pond Basin #1

8 - Post 10 yr. - 2 hr.

Type	: Computed Flood	
Peak Flow	: 34.88	cfs
Peak Time	: 720.00	min

Unit Hydrograph :

1 - Proposed Pond Basin #1

9 - Post 10 yr. - 3 hr.

Type	: Computed Flood	
Peak Flow	: 40.84	cfs
Peak Time	: 720.00	min

Unit Hydrograph :

1 - Proposed Pond Basin #1

10 - Post 10 yr. - 6 hr.

Type	: Computed Flood	
Peak Flow	: 53.04	cfs
Peak Time	: 720.00	min

Unit Hydrograph :

1 - Proposed Pond Basin #1

11 - Post 10 yr. - 12 hr.

Type	: Computed Flood	
Peak Flow	: 65.47	cfs
Peak Time	: 720.00	min

Unit Hydrograph :

1 - Proposed Pond Basin #1

12 - Post 10 yr. - 24 hr.

Type	: Computed Flood	
Peak Flow	: 78.05	cfs
Peak Time	: 720.00	min

Unit Hydrograph :

SUMMARY REPORT

=====

1 - Proposed Pond Basin #1

13 - Post 100 yr. - 1 hr.

Type : Computed Flood
Peak Flow : 46.90 cfs
Peak Time : 720.00 min

Unit Hydrograph :
1 - Proposed Pond Basin #1

14 - Post 100 yr. - 2 hr.

Type : Computed Flood
Peak Flow : 62.87 cfs
Peak Time : 720.00 min

Unit Hydrograph :
1 - Proposed Pond Basin #1

15 - Post 100 yr. - 3 hr.

Type : Computed Flood
Peak Flow : 72.53 cfs
Peak Time : 720.00 min

Unit Hydrograph :
1 - Proposed Pond Basin #1

16 - Post 100 yr. - 6 hr.

Type : Computed Flood
Peak Flow : 89.11 cfs
Peak Time : 720.00 min

Unit Hydrograph :
1 - Proposed Pond Basin #1

17 - Post 100 yr. - 12 hr.

Type : Computed Flood
Peak Flow : 106.55 cfs
Peak Time : 720.00 min

Unit Hydrograph :
1 - Proposed Pond Basin #1

18 - Post 100 yr. - 24 hr.

Type : Computed Flood
Peak Flow : 128.75 cfs
Peak Time : 720.00 min

Unit Hydrograph :

SUMMARY REPORT

- =====
- 1 - Proposed Pond Basin #1
- 19 - Routed 2 yr. - 24 hr.
- Type : Reservoir: Storage Indication
- Peak Flow : 4.19 cfs
- Peak Time : 758.00 min
- Inflow Hydrograph
- 6 - Post 2yr. - 24 hr.
- 20 - Routed 10 yr. - 24 hr.
- Type : Reservoir: Storage Indication
- Peak Flow : 8.92 cfs
- Peak Time : 752.00 min
- Inflow Hydrograph
- 12 - Post 10 yr. - 24 hr.
- 21 - Routed 100 yr. - 24 hr.
- Type : Reservoir: Storage Indication
- Peak Flow : 31.72 cfs
- Peak Time : 736.00 min
- Inflow Hydrograph
- 18 - Post 100 yr. - 24 hr.
- 22 - WQ-Pond #1 - 1-1/4" Depth
- Type : Computed Flood
- Peak Flow : 9.46 cfs
- Peak Time : 722.00 min
- Unit Hydrograph :
- 1 - Proposed Pond Basin #1
- 23 - WQ-Pond #1 - 0.5" Direct
- Type : Computed Flood
- Peak Flow : 14.77 cfs
- Peak Time : 722.00 min
- Unit Hydrograph :
- 1 - Proposed Pond Basin #1
- 24 - Routed WQ Storm - 0.5" Direct
- Type : Reservoir: Storage Indication
- Peak Flow : 0.37 cfs
- Peak Time : 1092.00 min
- Inflow Hydrograph

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 12
Name: Post 10 yr. - 24 hr.
Type: Computed Flood

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 78.05 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 1479.59 (min)
Volume = 4.64 (ac-ft)
Time Step = 2.00 (min)
Flow Multiplier = 1.00

[UNIT HYDROGRAPH INFORMATION]

Number = 1
Type = SCS Curvilinear
Peak Flow (Qp) = 120.75 (cfs)
Time to Peak (Tp) = 8.00 (min)
Time of Base (Tb) = 40.00 (min)
Volume = 1.77 (ac-ft)
Shape Factor = 484.00
Time Step: = 2.00 (min)
Excess Rain = 1.00 (in)
Lag Time = 7.20 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Homesteads Lots	8.86	86
Village Green Lots	9.75	88
Grass - Good Condition	1.93	68
Water	0.75	98
Overall Approximation	21.29	86

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc) = 12.00 (min)

[RAINFALL DESCRIPTION]

Distribution Type = SCS II
Total Precipitation = 4.08 (in)
Return Period = User Defined (yr)
Storm Duration = 24.00 (hr)

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 18
Name: Post 100 yr. - 24 hr.
Type: Computed Flood

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 128.75 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 1479.59 (min)
Volume = 7.82 (ac-ft)
Time Step = 2.00 (min)
Flow Multiplier = 1.00

[UNIT HYDROGRAPH INFORMATION]

Number = 1
Type = SCS Curvilinear
Peak Flow (Qp) = 120.75 (cfs)
Time to Peak (Tp) = 8.00 (min)
Time of Base (Tb) = 40.00 (min)
Volume = 1.77 (ac-ft)
Shape Factor = 484.00
Time Step: = 2.00 (min)
Excess Rain = 1.00 (in)
Lag Time = 7.20 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Homesteads Lots	8.86	86
Village Green Lots	9.75	88
Grass - Good Condition	1.93	68
Water	0.75	98
Overall Approximation	21.29	86

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc) = 12.00 (min)

[RAINFALL DESCRIPTION]

Distribution Type = SCS II
Total Precipitation = 6.00 (in)
Return Period = 100 (yr)
Storm Duration = 24.00 (hr)

UNIT HYDROGRAPH REPORT

Hydrograph Number: 1
Name: Proposed Pond Basin #2
Type: SCS Curvilinear

[UNIT HYDROGRAPH INFORMATION]

Peak Flow (Qp)	=	170.16 (cfs)
Time to Peak (Tp)	=	6.67 (min)
Time of Base (Tb)	=	33.33 (min)
Volume	=	2.09 (ac-ft)
Shape Factor	=	484.00
Time Step	=	2.00 (min)
Excess Rain	=	1.00 (in)
Storm Duration	=	1.33 (min)
Lag Time	=	6.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Homesteads Lots	19.17	86
Pavement	0.69	98
Grass - Good Condition	3.60	68
Water	1.54	98
Overall Approximation	25.00	85

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc)	=	10.00 (min)
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UNIT HYDROGRAPH REPORT

Hydrograph Number:2
Name: Proposed Pond Basin #3
Type: SCS Curvilinear

[UNIT HYDROGRAPH INFORMATION]
Peak Flow (Qp) = 149.33 (cfs)
Time to Peak (Tp) = 6.67 (min)
Time of Base (Tb) = 33.33 (min)
Volume = 1.84 (ac-ft)
Shape Factor = 484.00
Time Step = 2.00 (min)
Excess Rain = 1.00 (in)
Storm Duration = 1.33 (min)
Lag Time = 6.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Homesteads Lots	7.01	86
Pavement	1.58	98
Grass - Good Condition	11.21	68
Water	2.14	98
Overall Approximation	21.94	79

[TIME CONCENTRATION -- User Defined]
Time of Concentration (Tc) = 10.00 (min)

SUMMARY REPORT

[FLOOD HYDROGRAPH]

1 - Post 2yr. - 1 hr. - Pond 2

Type	:	Computed Flood
Peak Flow	:	10.69 cfs
Peak Time	:	720.00 min

Unit Hydrograph :

1 - Proposed Pond Basin #2

2 - Post 2yr. - 2 hr. - Pond 2

Type	:	Computed Flood
Peak Flow	:	17.24 cfs
Peak Time	:	720.00 min

Unit Hydrograph :

1 - Proposed Pond Basin #2

3 - Post 2yr. - 3 hr. - Pond 2

Type	:	Computed Flood
Peak Flow	:	21.43 cfs
Peak Time	:	720.00 min

Unit Hydrograph :

1 - Proposed Pond Basin #2

4 - Post 2yr. - 6 hr. - Pond 2

Type	:	Computed Flood
Peak Flow	:	29.76 cfs
Peak Time	:	720.00 min

Unit Hydrograph :

1 - Proposed Pond Basin #2

5 - Post 2yr. - 12 hr. - Pond 2

Type	:	Computed Flood
Peak Flow	:	42.14 cfs
Peak Time	:	720.00 min

Unit Hydrograph :

1 - Proposed Pond Basin #2

6 - Post 2yr. - 24 hr. - Pond 2

Type	:	Computed Flood
Peak Flow	:	49.48 cfs
Peak Time	:	720.00 min

Unit Hydrograph :

SUMMARY REPORT

=====

1 - Proposed Pond Basin #2

7 - Post 10 yr. - 1 hr. - Pond 2

Type	: Computed Flood	
Peak Flow	: 29.19	cfs
Peak Time	: 720.00	min

Unit Hydrograph :

1 - Proposed Pond Basin #2

8 - Post 10 yr. - 2 hr. - Pond 2

Type	: Computed Flood	
Peak Flow	: 42.14	cfs
Peak Time	: 720.00	min

Unit Hydrograph :

1 - Proposed Pond Basin #2

9 - Post 10 yr. - 3 hr. - Pond 2

Type	: Computed Flood	
Peak Flow	: 49.48	cfs
Peak Time	: 720.00	min

Unit Hydrograph :

1 - Proposed Pond Basin #2

10 - Post 10 yr. - 6 hr. - Pond 2

Type	: Computed Flood	
Peak Flow	: 64.54	cfs
Peak Time	: 720.00	min

Unit Hydrograph :

1 - Proposed Pond Basin #2

11 - Post 10 yr. - 12 hr. - Pond 2

Type	: Computed Flood	
Peak Flow	: 79.93	cfs
Peak Time	: 720.00	min

Unit Hydrograph :

1 - Proposed Pond Basin #2

12 - Post 10 yr. - 24 hr. - Pond 2

Type	: Computed Flood	
Peak Flow	: 95.52	cfs
Peak Time	: 720.00	min

Unit Hydrograph :

SUMMARY REPORT

- =====
- 1 - Proposed Pond Basin #2
- 13 - Post 100 yr. - 1 hr. - Pond 2
- Type : Computed Flood
- Peak Flow : 56.96 cfs
- Peak Time : 720.00 min
- Unit Hydrograph :
- 1 - Proposed Pond Basin #2
- 14 - Post 100 yr. - 2 hr. - Pond 2
- Type : Computed Flood
- Peak Flow : 76.71 cfs
- Peak Time : 720.00 min
- Unit Hydrograph :
- 1 - Proposed Pond Basin #2
- 15 - Post 100 yr. - 3 hr. - Pond 2
- Type : Computed Flood
- Peak Flow : 88.68 cfs
- Peak Time : 720.00 min
- Unit Hydrograph :
- 1 - Proposed Pond Basin #2
- 16 - Post 100 yr. - 6 hr. - Pond 2
- Type : Computed Flood
- Peak Flow : 109.24 cfs
- Peak Time : 720.00 min
- Unit Hydrograph :
- 1 - Proposed Pond Basin #2
- 17 - Post 100 yr. - 12 hr. - Pond 2
- Type : Computed Flood
- Peak Flow : 130.89 cfs
- Peak Time : 720.00 min
- Unit Hydrograph :
- 1 - Proposed Pond Basin #2
- 18 - Post 100 yr. - 24 hr. - Pond 2
- Type : Computed Flood
- Peak Flow : 158.48 cfs
- Peak Time : 720.00 min
- Unit Hydrograph :

SUMMARY REPORT

=====

1 - Proposed Pond Basin #2

19 - Routed 2 yr. - 24 hr. - Pond 3

Type : Reservoir: Storage Indication

Peak Flow : 0.76 cfs

Peak Time : 1040.00 min

Inflow Hydrograph

27 - Post 2 yr. - 24 hr. - Pond 3

20 - Routed 10 yr. - 24 hr. - Pond 3

Type : Reservoir: Storage Indication

Peak Flow : 1.93 cfs

Peak Time : 930.00 min

Inflow Hydrograph

33 - Post 10 yr. - 24 hr. - Pond 3

21 - Routed 100 yr. - 24 hr. - Pond 3

Type : Reservoir: Storage Indication

Peak Flow : 2.55 cfs

Peak Time : 994.00 min

Inflow Hydrograph

39 - Post 100 yr. - 24 hr. - Pond 3

22 - Post 2 yr. - 1 hr. - Pond 3

Type : Computed Flood

Peak Flow : 3.46 cfs

Peak Time : 722.00 min

Unit Hydrograph :

2 - Proposed Pond Basin #3

23 - Post 2 yr. - 2 hr. - Pond 3

Type : Computed Flood

Peak Flow : 7.37 cfs

Peak Time : 720.00 min

Unit Hydrograph :

2 - Proposed Pond Basin #3

24 - Post 2 yr. - 3 hr. - Pond 3

Type : Computed Flood

Peak Flow : 10.22 cfs

Peak Time : 720.00 min

Unit Hydrograph :

SUMMARY REPORT

=====

2 - Proposed Pond Basin #3

25 - Post 2 yr. - 6 hr. - Pond 3

Type : Computed Flood
Peak Flow : 16.11 cfs
Peak Time : 720.00 min

Unit Hydrograph :
2 - Proposed Pond Basin #3

26 - Post 2 yr. - 12 hr. - Pond 3

Type : Computed Flood
Peak Flow : 25.30 cfs
Peak Time : 720.00 min

Unit Hydrograph :
2 - Proposed Pond Basin #3

27 - Post 2 yr. - 24 hr. - Pond 3

Type : Computed Flood
Peak Flow : 30.93 cfs
Peak Time : 720.00 min

Unit Hydrograph :
2 - Proposed Pond Basin #3

28 - Post 10 yr. - 1 hr. - Pond 3

Type : Computed Flood
Peak Flow : 15.69 cfs
Peak Time : 720.00 min

Unit Hydrograph :
2 - Proposed Pond Basin #3

29 - Post 10 yr. - 2 hr. - Pond 3

Type : Computed Flood
Peak Flow : 25.30 cfs
Peak Time : 720.00 min

Unit Hydrograph :
2 - Proposed Pond Basin #3

30 - Post 10 yr. - 3 hr. - Pond 3

Type : Computed Flood
Peak Flow : 30.93 cfs
Peak Time : 720.00 min

Unit Hydrograph :

SUMMARY REPORT

=====

2 - Proposed Pond Basin #3

31 - Post 10 yr. - 6 hr. - Pond 3
Type : Computed Flood
Peak Flow : 42.81 cfs
Peak Time : 720.00 min

Unit Hydrograph :
2 - Proposed Pond Basin #3

32 - Post 10 yr. - 12 hr. - Pond 3
Type : Computed Flood
Peak Flow : 55.30 cfs
Peak Time : 720.00 min

Unit Hydrograph :
2 - Proposed Pond Basin #3

33 - Post 10 yr. - 24 hr. - Pond 3
Type : Computed Flood
Peak Flow : 68.22 cfs
Peak Time : 720.00 min

Unit Hydrograph :
2 - Proposed Pond Basin #3

34 - Post 100 yr. - 1 hr. - Pond 3
Type : Computed Flood
Peak Flow : 36.78 cfs
Peak Time : 720.00 min

Unit Hydrograph :
2 - Proposed Pond Basin #3

35 - Post 100 yr. - 2 hr. - Pond 3
Type : Computed Flood
Peak Flow : 52.66 cfs
Peak Time : 720.00 min

Unit Hydrograph :
2 - Proposed Pond Basin #3

36 - Post 100 yr. - 3 hr. - Pond 3
Type : Computed Flood
Peak Flow : 62.53 cfs
Peak Time : 720.00 min

Unit Hydrograph :

SUMMARY REPORT

=====

2 - Proposed Pond Basin #3

37 - Post 100 yr. - 6 hr. - Pond 3
Type : Computed Flood
Peak Flow : 79.77 cfs
Peak Time : 720.00 min

Unit Hydrograph :
2 - Proposed Pond Basin #3

38 - Post 100 yr. - 12 hr. - Pond 3
Type : Computed Flood
Peak Flow : 98.24 cfs
Peak Time : 720.00 min

Unit Hydrograph :
2 - Proposed Pond Basin #3

39 - Post 100 yr. - 24 hr. - Pond 3
Type : Computed Flood
Peak Flow : 122.10 cfs
Peak Time : 720.00 min

Unit Hydrograph :
2 - Proposed Pond Basin #3

40 - Routed Pond 3 & On-Site 2-2yr.-24hr.
Type : Combined
Peak Flow : 49.63 cfs
Peak Time : 720.00 min

Combined Hydrograph:
6 - Post 2yr. - 24 hr. - Pond 2
19 - Routed 2 yr. - 24 hr. - Pond 3

41 - Routed Pond 3 & On-Site 2-10yr.-24hr.
Type : Combined
Peak Flow : 96.31 cfs
Peak Time : 720.00 min

Combined Hydrograph:
12 - Post 10 yr. - 24 hr. - Pond 2
20 - Routed 10 yr. - 24 hr. - Pond 3

42 - Routed Pond 3 & On-Site 2-100yr.-24hr.
Type : Combined
Peak Flow : 160.41 cfs
Peak Time : 720.00 min

SUMMARY REPORT

Combined Hydrograph:
18 - Post 100 yr. - 24 hr. - Pond 2
21 - Routed 100 yr. - 24 hr. - Pond 3

43 - Routed - Combined 2 yr. - 24 hr.
Type : Reservoir: Storage Indication
Peak Flow : 2.09 cfs
Peak Time : 944.00 min

Inflow Hydrograph
40 - Routed Pond 3 & On-Site 2-2yr.-24hr.

Combined Hydrograph:
6 - Post 2yr. - 24 hr. - Pond 2
19 - Routed 2 yr. - 24 hr. - Pond 3

44 - Routed - Combined 10 yr. - 24 hr.
Type : Reservoir: Storage Indication
Peak Flow : 7.85 cfs
Peak Time : 778.00 min

Inflow Hydrograph
41 - Routed Pond 3 & On-Site 2-10yr.-24hr.

Combined Hydrograph:
12 - Post 10 yr. - 24 hr. - Pond 2
20 - Routed 10 yr. - 24 hr. - Pond 3

45 - Routed - Combined 100 yr. - 24 hr.
Type : Reservoir: Storage Indication
Peak Flow : 15.08 cfs
Peak Time : 758.00 min

Inflow Hydrograph
42 - Routed Pond 3 & On-Site 2-100yr.-24hr.

Combined Hydrograph:
18 - Post 100 yr. - 24 hr. - Pond 2
21 - Routed 100 yr. - 24 hr. - Pond 3

46 - Pond 2 - 1-1/4" WQ Storm
Type : Computed Flood
Peak Flow : 10.69 cfs
Peak Time : 720.00 min

Unit Hydrograph :
1 - Proposed Pond Basin #2

SUMMARY REPORT

=====

47 - Pond 3 - 1-1/4" WQ Storm
Type : Computed Flood
Peak Flow : 3.46 cfs
Peak Time : 722.00 min

Unit Hydrograph :
2 - Proposed Pond Basin #3

48 - Pond 2 - 0.5" Direct WQ Storm
Type : Computed Flood
Peak Flow : 18.79 cfs
Peak Time : 720.00 min

Unit Hydrograph :
1 - Proposed Pond Basin #2

49 - Pond 3 - 0.5" Direct WQ Storm
Type : Computed Flood
Peak Flow : 15.90 cfs
Peak Time : 720.00 min

Unit Hydrograph :
2 - Proposed Pond Basin #3

50 - Pond 2 - Routed WQ Storm
Type : Reservoir: Storage Indication
Peak Flow : 0.56 cfs
Peak Time : 968.00 min

Inflow Hydrograph
48 - Pond 2 - 0.5" Direct WQ Storm

51 - Pond 3 - Routed WQ Storm
Type : Reservoir: Storage Indication
Peak Flow : 0.32 cfs
Peak Time : 1208.00 min

Inflow Hydrograph
49 - Pond 3 - 0.5" Direct WQ Storm

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 12
Name: Post 10 yr. - 24 hr. - Pond 2
Type: Computed Flood

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 95.52 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 1472.39 (min)
Volume = 5.29 (ac-ft)
Time Step = 2.00 (min)
Flow Multiplier = 1.00

[UNIT HYDROGRAPH INFORMATION]

Number = 1
Type = SCS Curvilinear
Peak Flow (Qp) = 170.16 (cfs)
Time to Peak (Tp) = 6.67 (min)
Time of Base (Tb) = 33.33 (min)
Volume = 2.09 (ac-ft)
Shape Factor = 484.00
Time Step: = 2.00 (min)
Excess Rain = 1.00 (in)
Lag Time = 6.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Homesteads Lots	19.17	86
Pavement	0.69	98
Grass - Good Condition	3.60	68
Water	1.54	98
Overall Approximation	25.00	85

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc) = 10.00 (min)

[RAINFALL DESCRIPTION]

Distribution Type = SCS II
Total Precipitation = 4.08 (in)
Return Period = User Defined (yr)
Storm Duration = 24.00 (hr)

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 18
Name: Post 100 yr. - 24 hr. - Pond 2
Type: Computed Flood

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 158.48 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 1472.39 (min)
Volume = 9.00 (ac-ft)
Time Step = 2.00 (min)
Flow Multiplier = 1.00

[UNIT HYDROGRAPH INFORMATION]

Number = 1
Type = SCS Curvilinear
Peak Flow (Qp) = 170.16 (cfs)
Time to Peak (Tp) = 6.67 (min)
Time of Base (Tb) = 33.33 (min)
Volume = 2.09 (ac-ft)
Shape Factor = 484.00
Time Step: = 2.00 (min)
Excess Rain = 1.00 (in)
Lag Time = 6.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Homesteads Lots	19.17	86
Pavement	0.69	98
Grass - Good Condition	3.60	68
Water	1.54	98
Overall Approximation	25.00	85

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc) = 10.00 (min)

[RAINFALL DESCRIPTION]

Distribution Type = SCS II
Total Precipitation = 6.00 (in)
Return Period = 100 (yr)
Storm Duration = 24.00 (hr)

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 33
Name: Post 10 yr. - 24 hr. - Pond 3
Type: Computed Flood

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 68.22 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 1472.39 (min)
Volume = 3.72 (ac-ft)
Time Step = 2.00 (min)
Flow Multiplier = 1.00

[UNIT HYDROGRAPH INFORMATION]

Number = 2
Type = SCS Curvilinear
Peak Flow (Qp) = 149.33 (cfs)
Time to Peak (Tp) = 6.67 (min)
Time of Base (Tb) = 33.33 (min)
Volume = 1.84 (ac-ft)
Shape Factor = 484.00
Time Step: = 2.00 (min)
Excess Rain = 1.00 (in)
Lag Time = 6.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Homesteads Lots	7.01	86
Pavement	1.58	98
Grass - Good Condition	11.21	68
Water	2.14	98
Overall Approximation	21.94	79

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc) = 10.00 (min)

[RAINFALL DESCRIPTION]

Distribution Type = SCS II
Total Precipitation = 4.08 (in)
Return Period = User Defined (yr)
Storm Duration = 24.00 (hr)

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 39
Name: Post 100 yr. - 24 hr. - Pond 3
Type: Computed Flood

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 122.10 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 1472.39 (min)
Volume = 6.75 (ac-ft)
Time Step = 2.00 (min)
Flow Multiplier = 1.00

[UNIT HYDROGRAPH INFORMATION]

Number = 2
Type = SCS Curvilinear
Peak Flow (Qp) = 149.33 (cfs)
Time to Peak (Tp) = 6.67 (min)
Time of Base (Tb) = 33.33 (min)
Volume = 1.84 (ac-ft)
Shape Factor = 484.00
Time Step: = 2.00 (min)
Excess Rain = 1.00 (in)
Lag Time = 6.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Homesteads Lots	7.01	86
Pavement	1.58	98
Grass - Good Condition	11.21	68
Water	2.14	98
Overall Approximation	21.94	79

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc) = 10.00 (min)

[RAINFALL DESCRIPTION]

Distribution Type = SCS II
Total Precipitation = 6.00 (in)
Return Period = 100 (yr)
Storm Duration = 24.00 (hr)

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 41
Name: Routed Pond 3 & On-Site 2-10yr.-24hr.
Type: Combined

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 96.31 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 8.46 (ac-ft)
Time Step = 2.00 (min)

[COMBINED HYDROGRAPH RECORDS]

Hydrograph Number:12
Name: Post 10 yr. - 24 hr. - Pond 2
Type: Computed Flood
Peak Flow (Qp) = 95.52 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time Step = 2.00 (min)
Hydrograph Number:20
Name: Routed 10 yr. - 24 hr. - Pond 3
Type: Reservoir: Storage Indication
Peak Flow (Qp) = 1.93 (cfs)
Time to Peak (Tp) = 930.00 (min)
Time Step = 2.00 (min)

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 42
Name: Routed Pond 3 & On-Site 2-100yr.-24hr.
Type: Combined

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 160.41 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 14.81 (ac-ft)
Time Step = 2.00 (min)

[COMBINED HYDROGRAPH RECORDS]

Hydrograph Number:18
Name: Post 100 yr. - 24 hr. - Pond 2
Type: Computed Flood
Peak Flow (Qp) = 158.48 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time Step = 2.00 (min)
Hydrograph Number:21
Name: Routed 100 yr. - 24 hr. - Pond 3
Type: Reservoir: Storage Indication
Peak Flow (Qp) = 2.55 (cfs)
Time to Peak (Tp) = 994.00 (min)
Time Step = 2.00 (min)

UNIT HYDROGRAPH REPORT

Hydrograph Number: 1
Name: Proposed Pond Basin #4
Type: SCS Curvilinear

[UNIT HYDROGRAPH INFORMATION]
Peak Flow (Qp) = 109.17 (cfs)
Time to Peak (Tp) = 10.00 (min)
Time of Base (Tb) = 50.00 (min)
Volume = 2.01 (ac-ft)
Shape Factor = 484.00
Time Step = 2.00 (min)
Excess Rain = 1.00 (in)
Storm Duration = 2.00 (min)
Lag Time = 9.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Preserve Lots	9.61	86
Pavement	0.17	98
Grass - Good Condition	13.20	68
Water	1.08	98
Overall Approximation	24.06	77

[TIME CONCENTRATION -- User Defined]
Time of Concentration (Tc) = 15.00 (min)

SUMMARY REPORT

[FLOOD HYDROGRAPH]

1 - Post 2yr. - 1 hr.

Type	:	Computed Flood
Peak Flow	:	1.77 cfs
Peak Time	:	726.00 min

Unit Hydrograph :

1 - Proposed Pond Basin #4

2 - Post 2yr. - 2 hr.

Type	:	Computed Flood
Peak Flow	:	4.76 cfs
Peak Time	:	724.00 min

Unit Hydrograph :

1 - Proposed Pond Basin #4

3 - Post 2yr. - 3 hr.

Type	:	Computed Flood
Peak Flow	:	7.01 cfs
Peak Time	:	724.00 min

Unit Hydrograph :

1 - Proposed Pond Basin #4

4 - Post 2yr. - 6 hr.

Type	:	Computed Flood
Peak Flow	:	11.85 cfs
Peak Time	:	724.00 min

Unit Hydrograph :

1 - Proposed Pond Basin #4

5 - Post 2yr. - 12 hr.

Type	:	Computed Flood
Peak Flow	:	19.57 cfs
Peak Time	:	724.00 min

Unit Hydrograph :

1 - Proposed Pond Basin #4

6 - Post 2yr. - 24 hr.

Type	:	Computed Flood
Peak Flow	:	24.44 cfs
Peak Time	:	722.00 min

Unit Hydrograph :

SUMMARY REPORT

=====

1 - Proposed Pond Basin #4

7 - Post 10 yr. - 1 hr.

Type : Computed Flood
Peak Flow : 11.50 cfs
Peak Time : 724.00 min

Unit Hydrograph :
1 - Proposed Pond Basin #4

8 - Post 10 yr. - 2 hr.

Type : Computed Flood
Peak Flow : 19.57 cfs
Peak Time : 724.00 min

Unit Hydrograph :
1 - Proposed Pond Basin #4

9 - Post 10 yr. - 3 hr.

Type : Computed Flood
Peak Flow : 24.44 cfs
Peak Time : 722.00 min

Unit Hydrograph :
1 - Proposed Pond Basin #4

10 - Post 10 yr. - 6 hr.

Type : Computed Flood
Peak Flow : 35.01 cfs
Peak Time : 722.00 min

Unit Hydrograph :
1 - Proposed Pond Basin #4

11 - Post 10 yr. - 12 hr.

Type : Computed Flood
Peak Flow : 46.28 cfs
Peak Time : 722.00 min

Unit Hydrograph :
1 - Proposed Pond Basin #4

12 - Post 10 yr. - 24 hr.

Type : Computed Flood
Peak Flow : 58.05 cfs
Peak Time : 722.00 min

Unit Hydrograph :

SUMMARY REPORT

=====

1 - Proposed Pond Basin #4

13 - Post 100 yr. - 1 hr.

Type : Computed Flood
Peak Flow : 29.63 cfs
Peak Time : 722.00 min

Unit Hydrograph :
1 - Proposed Pond Basin #4

14 - Post 100 yr. - 2 hr.

Type : Computed Flood
Peak Flow : 43.88 cfs
Peak Time : 722.00 min

Unit Hydrograph :
1 - Proposed Pond Basin #4

15 - Post 100 yr. - 3 hr.

Type : Computed Flood
Peak Flow : 52.85 cfs
Peak Time : 722.00 min

Unit Hydrograph :
1 - Proposed Pond Basin #4

16 - Post 100 yr. - 6 hr.

Type : Computed Flood
Peak Flow : 68.67 cfs
Peak Time : 722.00 min

Unit Hydrograph :
1 - Proposed Pond Basin #4

17 - Post 100 yr. - 12 hr.

Type : Computed Flood
Peak Flow : 85.78 cfs
Peak Time : 722.00 min

Unit Hydrograph :
1 - Proposed Pond Basin #4

18 - Post 100 yr. - 24 hr.

Type : Computed Flood
Peak Flow : 108.08 cfs
Peak Time : 722.00 min

Unit Hydrograph :

SUMMARY REPORT

=====

1 - Proposed Pond Basin #4

19 - Routed 2 yr. - 24 hr.

Type	:	Reservoir:	Storage	Indication
Peak Flow	:	1.57	cfs	
Peak Time	:	832.00	min	

Inflow Hydrograph

6 - Post 2yr. - 24 hr.

20 - Routed 10 yr. - 24 hr.

Type	:	Reservoir:	Storage	Indication
Peak Flow	:	6.03	cfs	
Peak Time	:	766.00	min	

Inflow Hydrograph

12 - Post 10 yr. - 24 hr.

21 - Routed 100 yr. - 24 hr.

Type	:	Reservoir:	Storage	Indication
Peak Flow	:	11.14	cfs	
Peak Time	:	762.00	min	

Inflow Hydrograph

18 - Post 100 yr. - 24 hr.

22 - 1-1/4" WQ Storm

Type	:	Computed	Flood	
Peak Flow	:	1.77	cfs	
Peak Time	:	726.00	min	

Unit Hydrograph :

1 - Proposed Pond Basin #4

23 - 0.5" Driect WQ Storm

Type	:	Computed	Flood	
Peak Flow	:	13.95	cfs	
Peak Time	:	724.00	min	

Unit Hydrograph :

1 - Proposed Pond Basin #4

24 - Routed 0.5" Direct WQ Storm

Type	:	Reservoir:	Storage	Indication
Peak Flow	:	0.53	cfs	
Peak Time	:	1034.00	min	

Inflow Hydrograph

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 12
Name: Post 10 yr. - 24 hr.
Type: Computed Flood

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 58.05 (cfs)
Time to Peak (Tp) = 722.00 (min)
Time of Base (Tb) = 1488.40 (min)
Volume = 3.76 (ac-ft)
Time Step = 2.00 (min)
Flow Multiplier = 1.00

[UNIT HYDROGRAPH INFORMATION]

Number = 1
Type = SCS Curvilinear
Peak Flow (Qp) = 109.17 (cfs)
Time to Peak (Tp) = 10.00 (min)
Time of Base (Tb) = 50.00 (min)
Volume = 2.01 (ac-ft)
Shape Factor = 484.00
Time Step: = 2.00 (min)
Excess Rain = 1.00 (in)
Lag Time = 9.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Preserve Lots	9.61	86
Pavement	0.17	98
Grass - Good Condition	13.20	68
Water	1.08	98
Overall Approximation	24.06	77

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc) = 15.00 (min)

[RAINFALL DESCRIPTION]

Distribution Type = SCS II
Total Precipitation = 4.08 (in)
Return Period = User Defined (yr)
Storm Duration = 24.00 (hr)

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 18

Name: Post 100 yr. - 24 hr.

Type: Computed Flood

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 108.08 (cfs)

Time to Peak (Tp) = 722.00 (min)

Time of Base (Tb) = 1488.40 (min)

Volume = 6.98 (ac-ft)

Time Step = 2.00 (min)

Flow Multiplier = 1.00

[UNIT HYDROGRAPH INFORMATION]

Number = 1

Type = SCS Curvilinear

Peak Flow (Qp) = 109.17 (cfs)

Time to Peak (Tp) = 10.00 (min)

Time of Base (Tb) = 50.00 (min)

Volume = 2.01 (ac-ft)

Shape Factor = 484.00

Time Step: = 2.00 (min)

Excess Rain = 1.00 (in)

Lag Time = 9.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Preserve Lots	9.61	86
Pavement	0.17	98
Grass - Good Condition	13.20	68
Water	1.08	98
Overall Approximation	24.06	77

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc) = 15.00 (min)

[RAINFALL DESCRIPTION]

Distribution Type = SCS II

Total Precipitation = 6.00 (in)

Return Period = 100 (yr)

Storm Duration = 24.00 (hr)

Appendix C: Proposed Pond Data

- Outlet Structure Report
- Reservoir Report
- Storage Indication Routed Hydrographs

OUTLET STRUCTURE REPORT

Structure Number : 1
Type : Stand Pipe
Name : Preliminary Outlet #1

[RATING CURVE LIMIT]

Minimum Elevation = 10.00 (ft)
Maximum Elevation = 16.00 (ft)
Elevation Increment = 0.25 (ft)

[STAND PIPE INFORMATION]

[ORIFICE INFORMATION]

Height = 2.50 (ft)
Width = 2.50 (ft)
Crest Length = 10.00 (ft)
Effective Crest Length = 10.00 (ft)
Orifice Coefficient = 0.60
Fractional Open Area = 1.00

[ORIFICE EQUATION]

$$Q = C_o * A * ((2gh)/k)^{0.5}$$

[DEFINITIONS]

C_o = Orifice Coefficient
 A = Wetted Area, (sq ft)

[WEIR INFORMATION]

Crest Elevation = 13.00 (ft)
Weir Coefficient = 3.33
Exponential = 1.50

[WEIR EQUATION]

$$Q = C_w * L * H^{\text{exp}}$$

[DEFINITIONS]

C_w = Weir Coefficient
 H = Headwater depth above inlet control section invert ft
 L = Crest length ft

[OPTIONAL ORIFICE INFORMATION]

Structure Number : 1
Type : Circular Orifice

[OPTIONAL ORIFICE INFORMATION]

Diameter = 0.35 (ft)

OUTLET STRUCTURE REPORT

Invert Elevation = 10.00 (ft)
 Orifice Coefficient = 0.60
 Number of Openings = 1

[ORIFICE EQUATION]

$$Q = Co * A * (2gh/k)^{0.5}$$

[DEFINITIONS]

Co = Orifice Coefficient
 A = Wetted Area, (cfs)
 k = 1

Structure Number : 2
 Type : Rectangular Orifice

[OPTIONAL ORIFICE INFORMATION]

Height = 0.75 (ft)
 Width = 1.75 (ft)
 Invert Elevation = 10.80 (ft)
 Orifice Coefficient = 0.60
 Number of Openings = 1

[ORIFICE EQUATION]

$$Q = Co * A * (2gh/k)^{0.5}$$

[DEFINITIONS]

Co = Orifice Coefficient
 A = Wetted Area, (cfs)
 k = 1

[CULVERT INFORMATION]

Type : Circular Concrete - Square Edge with Headwall

[OUTLET STRUCTURE INFORMATION]

Diameter = 30.00 (in)
 Invert Elevation = 10.00 (ft)
 Pipe Length = 433.00 (ft)
 Slope = 0.00
 Manning's n Value = 0.01
 Orifice Coefficient = 0.60
 Tailwater Elevation = 8.70 (ft)
 Number of Barrels = 1

[UNSUBMERGED EQUATION]

$$H/Diam = Hc/Diam + K * (Q / (A * Diam^{0.5}))^M - 0.5 * S$$

Coefficient K = 0.01
 Coefficient M = 2.00
 Q Maximum = 27.16

OUTLET STRUCTURE REPORT

[SUBMERGED EQUATION]

$$H/Diam = c*(Q/(A*Diam^{0.5}))^2 + Y - 0.5*S$$

Coefficient c	=	0.04
Coefficient Y	=	0.67
Q Minimum	=	31.05

[DEFINITIONS]

H = Headwater depth above inlet control section invert, (ft)
Diam = Interior height of culvert barrel, (ft)
Hc = Specific head at critical depth ($d_c + V_c^2/2g$), (ft)
Q = Discharge, (cfs)
A = Full cross sectional area of culvert barrel, (sq ft)
S = Culvert barrel slope, (ft/ft)

RESERVOIR REPORT

Reservoir Number: 1
Name: Preliminary Pond #1

[RATING CURVE LIMIT]
Minimum Elevation = 10.00 (ft)
Maximum Elevation = 16.00 (ft)
Elevation Increment = 0.25 (ft)

[STAGE STORAGE INFORMATION]
Storage Method: User-Defined Storage

Input Method: Volume

Number	Elevation (ft)	Area (sq ft)	Ave Area (sq ft)	Volume (cu ft)	Cumulative Volume (cu ft)
1	10.00	32570.49	0.00	0.00	0.00
2	10.25	33338.04	32954.27	8238.47	8238.47
3	10.50	34110.29	33724.16	8430.94	16669.41
4	10.75	34887.25	34498.77	8624.59	25294.01
5	11.00	37814.27	36350.76	8819.42	34113.43
6	11.25	36461.60	37137.94	9016.22	43129.65
7	11.50	37258.97	36860.29	9214.97	52344.62
8	11.75	38061.04	37660.01	9414.90	61759.52
9	12.00	41422.00	39741.52	9616.01	71375.53
10	12.25	39685.63	40553.82	9819.08	81194.61
11	12.50	40508.16	40096.90	10024.13	91218.74
12	12.75	41335.38	40921.77	10230.35	101449.08
13	13.00	44179.25	42757.32	10437.74	111886.82
14	13.25	43008.04	43593.65	10646.84	122533.66
15	13.50	43852.49	43430.27	10857.49	133391.15
16	13.75	44700.64	44276.57	11069.06	144460.22
17	14.00	48176.55	46438.60	11281.57	155741.78
18	14.25	46421.42	47298.98	11496.70	167238.49
19	14.50	47292.21	46856.81	11714.16	178952.65
20	14.75	48164.89	47728.55	11932.10	190884.75
21	15.00	51834.03	49999.46	12150.51	203035.25
22	15.25	49938.40	50886.21	12372.21	215407.47
23	15.50	50838.18	50388.29	12597.05	228004.52
24	15.75	51738.80	51288.49	12822.10	240826.63
25	16.00	52640.27	52189.54	13047.37	253873.99

[DISCHARGE INFORMATION]
Structure Number: 1
Type:
Name: Preliminary Outlet #1

FLOOD HYDROGRAPH REPORT

=====

Hydrograph Number: 19
Name: Routed 2 yr. - 24 hr.
Type: Reservoir: Storage Indication

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 4.19 (cfs)
Time to Peak (Tp) = 758.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 2.23 (ac-ft)
Time Step = 2.00 (min)
Peak Elevation = 11.53 (ft)
Detention Time = NA

[RESERVOIR STRUCTURE INFORMATION]

Number = 1
Name = Preliminary Pond #1
Storage Type = User-Defined Volume
Maximum Storage = 253873.99 (cu ft)
Maximum Discharge = 39.46 (cfs)

[INFLOW HYDROGRAPH INFORMATION]

Number = 6
Name = Post 2yr. - 24 hr.
Peak Flow (Qp) = 40.84 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 1479.59 (min)
Volume = 2.41 (ac-ft)
Flow Multiplier = 1.00

FLOOD HYDROGRAPH REPORT

=====

Hydrograph Number: 20
Name: Routed 10 yr. - 24 hr.
Type: Reservoir: Storage Indication

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 8.92 (cfs)
Time to Peak (Tp) = 752.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 4.45 (ac-ft)
Time Step = 2.00 (min)
Peak Elevation = 12.84 (ft)
Detention Time = NA

[RESERVOIR STRUCTURE INFORMATION]

Number = 1
Name = Preliminary Pond #1
Storage Type = User-Defined Volume
Maximum Storage = 253873.99 (cu ft)
Maximum Discharge = 39.46 (cfs)

[INFLOW HYDROGRAPH INFORMATION]

Number = 12
Name = Post 10 yr. - 24 hr.
Peak Flow (Qp) = 78.05 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 1479.59 (min)
Volume = 4.64 (ac-ft)
Flow Multiplier = 1.00

FLOOD HYDROGRAPH REPORT

=====

Hydrograph Number: 21
Name: Routed 100 yr. - 24 hr.
Type: Reservoir: Storage Indication

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 31.72 (cfs)
Time to Peak (Tp) = 736.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 7.62 (ac-ft)
Time Step = 2.00 (min)
Peak Elevation = 14.13 (ft)
Detention Time = NA

[RESERVOIR STRUCTURE INFORMATION]

Number = 1
Name = Preliminary Pond #1
Storage Type = User-Defined Volume
Maximum Storage = 253873.99 (cu ft)
Maximum Discharge = 39.46 (cfs)

[INFLOW HYDROGRAPH INFORMATION]

Number = 18
Name = Post 100 yr. - 24 hr.
Peak Flow (Qp) = 128.75 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 1479.59 (min)
Volume = 7.82 (ac-ft)
Flow Multiplier = 1.00

OUTLET STRUCTURE REPORT

Structure Number : 2
 Type : Stand Pipe
 Name : Preliminary Outlet #3

[RATING CURVE LIMIT]

Minimum Elevation = 15.10 (ft)
 Maximum Elevation = 21.10 (ft)
 Elevation Increment = 0.25 (ft)

[STAND PIPE INFORMATION]

[ORIFICE INFORMATION]

Height = 2.50 (ft)
 Width = 2.50 (ft)
 Crest Length = 10.00 (ft)
 Effective Crest Length = 10.00 (ft)
 Orifice Coefficient = 0.60
 Fractional Open Area = 1.00

[ORIFICE EQUATION]

$$Q = Co * A * ((2gh)/k)^{0.5}$$

[DEFINITIONS]

Co = Orifice Coefficient
 A = Wetted Area, (sq ft)

[WEIR INFORMATION]

Crest Elevation = 18.00 (ft)
 Weir Coefficient = 3.33
 Exponential = 1.50

[WEIR EQUATION]

$$Q = Cw * L * H^{exp}$$

[DEFINITIONS]

Cw = Weir Coefficient
 H = Headwater depth above inlet control section invert ft
 L = Crest length ft

[OPTIONAL ORIFICE INFORMATION]

Structure Number : 1
 Type : Rectangular Orifice

[OPTIONAL ORIFICE INFORMATION]

Height = 0.50 (ft)

OUTLET STRUCTURE REPORT

Width = 1.50 (ft)
 Invert Elevation = 15.10 (ft)
 Orifice Coefficient = 0.60
 Number of Openings = 1

[ORIFICE EQUATION]

$$Q = Co * A * ((2gh)/k)^{0.5}$$

[DEFINITIONS]

Co = Orifice Coefficient
 A = Wetted Area, (cfs)
 k = 1

Structure Number : 2
 Type : Rectangular Orifice

[OPTIONAL ORIFICE INFORMATION]

Height = 0.50 (ft)
 Width = 1.50 (ft)
 Invert Elevation = 16.20 (ft)
 Orifice Coefficient = 0.60
 Number of Openings = 1

[ORIFICE EQUATION]

$$Q = Co * A * ((2gh)/k)^{0.5}$$

[DEFINITIONS]

Co = Orifice Coefficient
 A = Wetted Area, (cfs)
 k = 1

[CULVERT INFORMATION]

Type : Circular Concrete - Square Edge with Headwall

[OUTLET STRUCTURE INFORMATION]

Diameter = 12.00 (in)
 Invert Elevation = 15.10 (ft)
 Pipe Length = 700.00 (ft)
 Slope = 0.00
 Manning's n Value = 0.01
 Orifice Coefficient = 0.60
 Tailwater Elevation = 13.00 (ft)
 Number of Barrels = 1

[UNSUBMERGED EQUATION]

$$H/Diam = Hc/Diam + K * (Q / (A * Diam^{0.5}))^M - 0.5 * S$$

Coefficient K = 0.01
 Coefficient M = 2.00

OUTLET STRUCTURE REPORT

=====

Q Maximum	=	2.75
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[SUBMERGED EQUATION]

$H/Diam = c*(Q/(A*Diam^{0.5}))^2 + Y - 0.5*S$		
Coefficient c	=	0.04
Coefficient Y	=	0.67
Q Minimum	=	3.14

[DEFINITIONS]

H	=	Headwater depth above inlet control section invert, (ft)
Diam	=	Interior height of culvert barrel, (ft)
Hc	=	Specific head at critical depth ($d_c + V_c^2/2g$), (ft)
Q	=	Discharge, (cfs)
A	=	Full cross sectional area of culvert barrel, (sq ft)
S	=	Culvert barrel slope, (ft/ft)

RESERVOIR REPORT

Reservoir Number: 2

Name: Preliminary Pond #3

[RATING CURVE LIMIT]

Minimum Elevation

=

15.10 (ft)

Maximum Elevation

=

21.10 (ft)

Elevation Increment

=

0.25 (ft)

[STAGE STORAGE INFORMATION]

Storage Method: User-Defined Storage

Input Method: Volume

Number	Elevation (ft)	Area (sq ft)	Ave Area (sq ft)	Volume (cu ft)	Cumulative Volume
1	15.10	93407.26	0.00	0.00	0.00
2	15.25	94324.38	93865.82	14079.81	14079.81
3	15.50	95857.06	95090.72	23772.57	37852.39
4	15.75	97394.92	96625.99	24156.39	62008.78
5	16.00	98937.97	98166.44	24541.50	86550.28
6	16.25	100489.88	99713.92	24928.19	111478.47
7	16.50	102049.24	101269.56	25317.29	136795.75
8	16.75	103613.55	102831.40	25707.75	162503.50
9	17.00	105182.81	104398.18	26099.44	188602.94
10	17.25	106760.25	105971.53	26492.62	215095.56
11	17.50	108344.78	107552.52	26888.03	241983.59
12	17.75	109934.25	109139.52	27284.78	269268.36
13	18.00	111528.66	110731.46	27682.76	296951.12
14	18.25	113131.23	112329.94	28082.22	325033.35
15	18.50	114740.88	113936.05	28483.91	353517.26
16	18.75	116355.47	115548.18	28886.94	382404.20
17	19.00	117975.00	117165.24	29291.21	411695.41
18	19.25	119602.58	118788.79	29696.94	441392.34
19	19.50	121237.09	120419.83	30104.86	471497.20
20	19.75	122876.44	122056.76	30514.09	502011.29
21	20.00	124520.63	123698.53	30924.53	532935.82
22	20.25	126172.09	125346.36	31336.37	564272.20
23	20.50	127828.97	127000.53	31750.06	596022.25
24	20.75	129489.42	128659.20	32164.72	628186.98
25	21.00	131153.41	130321.41	32580.28	660767.26
26	21.10	131820.01	131486.71	13148.72	673915.98

[DISCHARGE INFORMATION]

Structure Number: 1

Type:

Name: Preliminary Outlet #3

FLOOD HYDROGRAPH REPORT

=====

Hydrograph Number: 19
Name: Routed 2 yr. - 24 hr. - Pond 3
Type: Reservoir: Storage Indication

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 0.76 (cfs)
Time to Peak (Tp) = 1040.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 1.31 (ac-ft)
Time Step = 2.00 (min)
Peak Elevation = 15.61 (ft)
Detention Time = NA

[RESERVOIR STRUCTURE INFORMATION]

Number = 2
Name = Preliminary Pond #3
Storage Type = User-Defined Volume
Maximum Storage = 673915.98 (cu ft)
Maximum Discharge = 3.76 (cfs)

[INFLOW HYDROGRAPH INFORMATION]

Number = 27
Name = Post 2 yr. - 24 hr. - Pond 3
Peak Flow (Qp) = 30.93 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 1472.39 (min)
Volume = 1.71 (ac-ft)
Flow Multiplier = 1.00

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 20
Name: Routed 10 yr. - 24 hr. - Pond 3
Type: Reservoir: Storage Indication

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 1.93 (cfs)
Time to Peak (Tp) = 930.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 3.17 (ac-ft)
Time Step = 2.00 (min)
Peak Elevation = 16.17 (ft)
Detention Time = NA

[RESERVOIR STRUCTURE INFORMATION]

Number = 2
Name = Preliminary Pond #3
Storage Type = User-Defined Volume
Maximum Storage = 673915.98 (cu ft)
Maximum Discharge = 3.76 (cfs)

[INFLOW HYDROGRAPH INFORMATION]

Number = 33
Name = Post 10 yr. - 24 hr. - Pond 3
Peak Flow (Qp) = 68.22 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 1472.39 (min)
Volume = 3.72 (ac-ft)
Flow Multiplier = 1.00

FLOOD HYDROGRAPH REPORT

=====

Hydrograph Number: 21
Name: Routed 100 yr. - 24 hr. - Pond 3
Type: Reservoir: Storage Indication

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 2.55 (cfs)
Time to Peak (Tp) = 994.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 5.81 (ac-ft)
Time Step = 2.00 (min)
Peak Elevation = 17.15 (ft)
Detention Time = NA

[RESERVOIR STRUCTURE INFORMATION]

Number = 2
Name = Preliminary Pond #3
Storage Type = User-Defined Volume
Maximum Storage = 673915.98 (cu ft)
Maximum Discharge = 3.76 (cfs)

[INFLOW HYDROGRAPH INFORMATION]

Number = 39
Name = Post 100 yr. - 24 hr. - Pond 3
Peak Flow (Qp) = 122.10 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 1472.39 (min)
Volume = 6.75 (ac-ft)
Flow Multiplier = 1.00

OUTLET STRUCTURE REPORT

Structure Number : 1
Type : Stand Pipe
Name : Preliminary Outlet #2

[RATING CURVE LIMIT]

Minimum Elevation = 10.00 (ft)
Maximum Elevation = 16.00 (ft)
Elevation Increment = 0.25 (ft)

[STAND PIPE INFORMATION]

[ORIFICE INFORMATION]

Height = 2.50 (ft)
Width = 2.50 (ft)
Crest Length = 10.00 (ft)
Effective Crest Length = 10.00 (ft)
Orifice Coefficient = 0.60
Fractional Open Area = 1.00

[ORIFICE EQUATION]

$$Q = C_o * A * ((2gh)/k)^{0.5}$$

[DEFINITIONS]

C_o = Orifice Coefficient
 A = Wetted Area, (sq ft)

[WEIR INFORMATION]

Crest Elevation = 13.25 (ft)
Weir Coefficient = 3.33
Exponential = 1.50

[WEIR EQUATION]

$$Q = C_w * L * H^{exp}$$

[DEFINITIONS]

C_w = Weir Coefficient
 H = Headwater depth above inlet control section invert ft
 L = Crest length ft

[OPTIONAL ORIFICE INFORMATION]

Structure Number : 1
Type : Circular Orifice

[OPTIONAL ORIFICE INFORMATION]

Diameter = 0.75 (ft)

OUTLET STRUCTURE REPORT

Invert Elevation = 10.00 (ft)
 Orifice Coefficient = 0.60
 Number of Openings = 1

[ORIFICE EQUATION]

$$Q = Co * A * ((2gh)/k)^{0.5}$$

[DEFINITIONS]

Co = Orifice Coefficient
 A = Wetted Area, (cfs)
 k = 1

Structure Number : 2
 Type : Rectangular Orifice

[OPTIONAL ORIFICE INFORMATION]

Height = 1.00 (ft)
 Width = 2.00 (ft)
 Invert Elevation = 11.00 (ft)
 Orifice Coefficient = 0.60
 Number of Openings = 1

[ORIFICE EQUATION]

$$Q = Co * A * ((2gh)/k)^{0.5}$$

[DEFINITIONS]

Co = Orifice Coefficient
 A = Wetted Area, (cfs)
 k = 1

[CULVERT INFORMATION]

Type : Circular Concrete - Square Edge with Headwall

[OUTLET STRUCTURE INFORMATION]

Diameter = 24.00 (in)
 Invert Elevation = 10.00 (ft)
 Pipe Length = 460.00 (ft)
 Slope = 0.00
 Manning's n Value = 0.01
 Orifice Coefficient = 0.60
 Tailwater Elevation = 8.62 (ft)
 Number of Barrels = 1

[UNSUBMERGED EQUATION]

$$H/Diam = Hc/Diam + K * (Q / (A * Diam^{0.5}))^M - 0.5 * S$$

Coefficient K = 0.01
 Coefficient M = 2.00
 Q Maximum = 15.55

OUTLET STRUCTURE REPORT

=====

[SUBMERGED EQUATION]

$$H/Diam = c*(Q/(A*Diam^{0.5}))^2 + Y - 0.5*S$$

Coefficient c	=	0.04
Coefficient Y	=	0.67
Q Minimum	=	17.77

[DEFINITIONS]

H = Headwater depth above inlet control section invert, (ft)
Diam = Interior height of culvert barrel, (ft)
Hc = Specific head at critical depth ($d_c + V_c^2/2g$), (ft)
Q = Discharge, (cfs)
A = Full cross sectional area of culvert barrel, (sq ft)
S = Culvert barrel slope, (ft/ft)

RESERVOIR REPORT

Reservoir Number: 1
 Name: Preliminary Pond #2

[RATING CURVE LIMIT]

Minimum Elevation = 10.00 (ft)
 Maximum Elevation = 16.00 (ft)
 Elevation Increment = 0.25 (ft)

[STAGE STORAGE INFORMATION]

Storage Method: User-Defined Storage

Input Method: Volume

Number	Elevation (ft)	Area (sq ft)	Ave Area (sq ft)	Volume (cu ft)	Cumulative Volume (cu ft)
1	10.00	66872.26	0.00	0.00	0.00
2	10.25	68263.53	67567.89	16891.88	16891.88
3	10.50	69659.49	68961.51	17240.28	34132.16
4	10.75	71060.15	70359.82	17589.86	51722.01
5	11.00	76796.28	73928.22	17940.61	69662.62
6	11.25	73881.94	75339.11	18293.33	87955.95
7	11.50	75303.06	74592.50	18648.03	106603.98
8	11.75	76728.86	76015.96	19003.89	125607.88
9	12.00	83218.54	79973.70	19360.93	144968.81
10	12.25	79600.74	81409.64	19719.91	164688.72
11	12.50	81046.73	80323.73	20080.84	184769.56
12	12.75	82497.29	81772.01	20442.91	205212.46
13	13.00	89138.33	85817.81	20806.12	226018.59
14	13.25	85414.86	87276.59	21170.86	247189.44
15	13.50	86879.72	86147.29	21536.77	268726.21
16	13.75	88347.02	87613.37	21903.29	290629.51
17	14.00	94031.71	91189.36	22270.42	312899.93
18	14.25	91314.66	92673.18	22641.41	335541.34
19	14.50	92813.16	92063.91	23015.96	358557.31
20	14.75	94312.26	93562.71	23390.66	381947.97
21	15.00	100031.49	97171.88	23765.52	405713.49
22	15.25	97335.01	98683.25	24143.36	429856.85
23	15.50	98858.63	98096.82	24524.19	454381.04
24	15.75	100382.86	99620.74	24905.17	479286.22
25	16.00	101907.68	101145.27	25286.31	504572.52

[DISCHARGE INFORMATION]

Structure Number: 1
 Type:
 Name: Preliminary Outlet #2

FLOOD HYDROGRAPH REPORT

=====

Hydrograph Number: 43
Name: Routed - Combined 2 yr. - 24 hr.
Type: Reservoir: Storage Indication

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 2.09 (cfs)
Time to Peak (Tp) = 944.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 3.53 (ac-ft)
Time Step = 2.00 (min)
Peak Elevation = 11.09 (ft)
Detention Time = NA

[RESERVOIR STRUCTURE INFORMATION]

Number = 1
Name = Preliminary Pond #2
Storage Type = User-Defined Volume
Maximum Storage = 504572.52 (cu ft)
Maximum Discharge = 23.36 (cfs)

[INFLOW HYDROGRAPH INFORMATION]

Number = 40
Name = Routed Pond 3 & On-Site 2-2yr.-24hr.
Peak Flow (Qp) = 49.63 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 4.00 (ac-ft)
Flow Multiplier = 1.00

FLOOD HYDROGRAPH REPORT

=====

Hydrograph Number: 44
Name: Routed - Combined 10 yr. - 24 hr.
Type: Reservoir: Storage Indication

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 7.85 (cfs)
Time to Peak (Tp) = 778.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 7.80 (ac-ft)
Time Step = 2.00 (min)
Peak Elevation = 11.84 (ft)
Detention Time = NA

[RESERVOIR STRUCTURE INFORMATION]

Number = 1
Name = Preliminary Pond #2
Storage Type = User-Defined Volume
Maximum Storage = 504572.52 (cu ft)
Maximum Discharge = 23.36 (cfs)

[INFLOW HYDROGRAPH INFORMATION]

Number = 41
Name = Routed Pond 3 & On-Site 2-10yr.-24hr.
Peak Flow (Qp) = 96.31 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 8.46 (ac-ft)
Flow Multiplier = 1.00

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 45
Name: Routed - Combined 100 yr. - 24 hr.
Type: Reservoir: Storage Indication

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 15.08 (cfs)
Time to Peak (Tp) = 758.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 13.60 (ac-ft)
Time Step = 2.00 (min)
Peak Elevation = 12.97 (ft)
Detention Time = NA

[RESERVOIR STRUCTURE INFORMATION]

Number = 1
Name = Preliminary Pond #2
Storage Type = User-Defined Volume
Maximum Storage = 504572.52 (cu ft)
Maximum Discharge = 23.36 (cfs)

[INFLOW HYDROGRAPH INFORMATION]

Number = 42
Name = Routed Pond 3 & On-Site 2-100yr.-24hr.
Peak Flow (Qp) = 160.41 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 14.81 (ac-ft)
Flow Multiplier = 1.00

OUTLET STRUCTURE REPORT

Structure Number : 1
 Type : Stand Pipe
 Name : Preliminary Outlet #4

[RATING CURVE LIMIT]

Minimum Elevation = 10.00 (ft)
 Maximum Elevation = 16.00 (ft)
 Elevation Increment = 0.25 (ft)

[STAND PIPE INFORMATION]

[ORIFICE INFORMATION]

Height = 2.50 (ft)
 Width = 2.50 (ft)
 Crest Length = 10.00 (ft)
 Effective Crest Length = 10.00 (ft)
 Orifice Coefficient = 0.60
 Fractional Open Area = 1.00

[ORIFICE EQUATION]

$$Q = C_o * A * ((2gh)/k)^{0.5}$$

[DEFINITIONS]

C_o = Orifice Coefficient
 A = Wetted Area, (sq ft)

[WEIR INFORMATION]

Crest Elevation = 13.20 (ft)
 Weir Coefficient = 3.33
 Exponential = 1.50

[WEIR EQUATION]

$$Q = C_w * L * H^{exp}$$

[DEFINITIONS]

C_w = Weir Coefficient
 H = Headwater depth above inlet control section invert ft
 L = Crest length ft

[OPTIONAL ORIFICE INFORMATION]

Structure Number : 1
 Type : Rectangular Orifice

[OPTIONAL ORIFICE INFORMATION]

Height = 0.75 (ft)

OUTLET STRUCTURE REPORT

Width = 1.50 (ft)
 Invert Elevation = 10.00 (ft)
 Orifice Coefficient = 0.60
 Number of Openings = 1

[ORIFICE EQUATION]

$$Q = Co * A * ((2gh)/k)^{0.5}$$

[DEFINITIONS]

Co = Orifice Coefficient
 A = Wetted Area, (cfs)
 k = 1

Structure Number : 2
 Type : Rectangular Orifice

[OPTIONAL ORIFICE INFORMATION]

Height = 0.75 (ft)
 Width = 1.50 (ft)
 Invert Elevation = 11.60 (ft)
 Orifice Coefficient = 0.60
 Number of Openings = 1

[ORIFICE EQUATION]

$$Q = Co * A * ((2gh)/k)^{0.5}$$

[DEFINITIONS]

Co = Orifice Coefficient
 A = Wetted Area, (cfs)
 k = 1

[CULVERT INFORMATION]

Type : Circular Concrete - Square Edge with Headwall

[OUTLET STRUCTURE INFORMATION]

Diameter = 18.00 (in)
 Invert Elevation = 10.00 (ft)
 Pipe Length = 85.00 (ft)
 Slope = 0.00
 Manning's n Value = 0.01
 Orifice Coefficient = 0.60
 Tailwater Elevation = 9.74 (ft)
 Number of Barrels = 1

[UNSUBMERGED EQUATION]

$$H/Diam = Hc/Diam + K * (Q / (A * Diam^{0.5}))^M - 0.5 * S$$

Coefficient K = 0.01
 Coefficient M = 2.00

OUTLET STRUCTURE REPORT

=====

Q Maximum	=	7.58
-----------	---	------

[SUBMERGED EQUATION]

H/Diam = $c \cdot (Q / (A \cdot \text{Diam}^{0.5}))^2 + Y - 0.5 \cdot S$	
Coefficient c	= 0.04
Coefficient Y	= 0.67
Q Minimum	= 8.66

[DEFINITIONS]

H	= Headwater depth above inlet control section invert, (ft)
Diam	= Interior height of culvert barrel, (ft)
Hc	= Specific head at critical depth ($d_c + V_c^2 / 2g$), (ft)
Q	= Discharge, (cfs)
A	= Full cross sectional area of culvert barrel, (sq ft)
S	= Culvert barrel slope, (ft/ft)

RESERVOIR REPORT

Reservoir Number: 1

Name: Preliminary Pond #4

[RATING CURVE LIMIT]

Minimum Elevation

=

10.00 (ft)

Maximum Elevation

=

16.00 (ft)

Elevation Increment

=

0.25 (ft)

[STAGE STORAGE INFORMATION]

Storage Method: User-Defined Storage

Input Method: Volume

Number	Elevation (ft)	Area (sq ft)	Ave Area (sq ft)	Volume (cu ft)	Cumulative Volume (cu ft)
--------	-------------------	-----------------	---------------------	-------------------	------------------------------

1	10.00	47170.53	0.00	0.00	0.00
2	10.25	48299.10	47734.81	11933.60	11933.60
3	10.50	49432.65	48865.88	12216.37	24149.97
4	10.75	50571.17	50001.91	12500.37	36650.34
5	11.00	53481.34	52026.26	12785.63	49435.97
6	11.25	52869.23	53175.29	13072.88	62508.85
7	11.50	54028.67	53448.95	13362.14	75870.99
8	11.75	55192.98	54610.83	13652.60	89523.59
9	12.00	57754.11	56473.54	13944.29	103467.88
10	12.25	57541.82	57647.96	14237.90	117705.78
11	12.50	58726.35	58134.09	14533.42	132239.20
12	12.75	59915.75	59321.05	14830.16	147069.36
13	13.00	63006.33	61461.04	15128.12	162197.48
14	13.25	62314.87	62660.60	15428.01	177625.50
15	13.50	63524.57	62919.72	15729.83	193355.33
16	13.75	64739.13	64131.85	16032.86	209388.19
17	14.00	67780.40	66259.77	16337.11	225725.30
18	14.25	67186.12	67483.26	16643.01	242368.31
19	14.50	68417.27	67801.69	16950.35	259318.66
20	14.75	69652.01	69034.64	17258.59	276577.24
21	15.00	72566.58	71109.30	17567.72	294144.96
22	15.25	72148.46	72357.52	17879.79	312024.75
23	15.50	73409.44	72778.95	18194.68	330219.43
24	15.75	74673.29	74041.36	18510.28	348729.71
25	16.00	75940.01	75306.65	18826.60	367556.31

[DISCHARGE INFORMATION]

Structure Number: 1

Type:

Name: Preliminary Outlet #4

FLOOD HYDROGRAPH REPORT

=====

Hydrograph Number: 19
Name: Routed 2 yr. - 24 hr.
Type: Reservoir: Storage Indication

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 1.57 (cfs)
Time to Peak (Tp) = 832.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 1.11 (ac-ft)
Time Step = 2.00 (min)
Peak Elevation = 10.77 (ft)
Detention Time = NA

[RESERVOIR STRUCTURE INFORMATION]

Number = 1
Name = Preliminary Pond #4
Storage Type = User-Defined Volume
Maximum Storage = 367556.31 (cu ft)
Maximum Discharge = 18.17 (cfs)

[INFLOW HYDROGRAPH INFORMATION]

Number = 6
Name = Post 2yr. - 24 hr.
Peak Flow (Qp) = 24.44 (cfs)
Time to Peak (Tp) = 722.00 (min)
Time of Base (Tb) = 1488.40 (min)
Volume = 1.66 (ac-ft)
Flow Multiplier = 1.00

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 20
Name: Routed 10 yr. - 24 hr.
Type: Reservoir: Storage Indication

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 6.03 (cfs)
Time to Peak (Tp) = 766.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 3.20 (ac-ft)
Time Step = 2.00 (min)
Peak Elevation = 11.58 (ft)
Detention Time = NA

[RESERVOIR STRUCTURE INFORMATION]

Number = 1
Name = Preliminary Pond #4
Storage Type = User-Defined Volume
Maximum Storage = 367556.31 (cu ft)
Maximum Discharge = 18.17 (cfs)

[INFLOW HYDROGRAPH INFORMATION]

Number = 12
Name = Post 10 yr. - 24 hr.
Peak Flow (Qp) = 58.05 (cfs)
Time to Peak (Tp) = 722.00 (min)
Time of Base (Tb) = 1488.40 (min)
Volume = 3.76 (ac-ft)
Flow Multiplier = 1.00

FLOOD HYDROGRAPH REPORT

=====

Hydrograph Number: 21
Name: Routed 100 yr. - 24 hr.
Type: Reservoir: Storage Indication

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 11.14 (cfs)
Time to Peak (Tp) = 762.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 6.42 (ac-ft)
Time Step = 2.00 (min)
Peak Elevation = 12.93 (ft)
Detention Time = NA

[RESERVOIR STRUCTURE INFORMATION]

Number = 1
Name = Preliminary Pond #4
Storage Type = User-Defined Volume
Maximum Storage = 367556.31 (cu ft)
Maximum Discharge = 18.17 (cfs)

[INFLOW HYDROGRAPH INFORMATION]

Number = 18
Name = Post 100 yr. - 24 hr.
Peak Flow (Qp) = 108.08 (cfs)
Time to Peak (Tp) = 722.00 (min)
Time of Base (Tb) = 1488.40 (min)
Volume = 6.98 (ac-ft)
Flow Multiplier = 1.00

Appendix D: Water Quality Data

- 1.25" WQ Storm Hydrographs
- 0.5" Direct Runoff Hydrographs
- Routed 0.5" Direct WQ Storm Reports w/ Stage vs. Storage Results

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 22
 Name: WQ-Pond #1 - 1-1/4" Depth
 Type: Computed Flood

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 9.46 (cfs)
 Time to Peak (Tp) = 722.00 (min)
 Time of Base (Tb) = 1479.59 (min)
 Volume = 0.59 (ac-ft)
 Time Step = 2.00 (min)
 Flow Multiplier = 1.00

[UNIT HYDROGRAPH INFORMATION]

Number = 1
 Type = SCS Curvilinear
 Peak Flow (Qp) = 120.75 (cfs)
 Time to Peak (Tp) = 8.00 (min)
 Time of Base (Tb) = 40.00 (min)
 Volume = 1.77 (ac-ft)
 Shape Factor = 484.00
 Time Step: = 2.00 (min)
 Excess Rain = 1.00 (in)
 Lag Time = 7.20 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Homesteads Lots	8.86	86
Village Green Lots	9.75	88
Grass - Good Condition	1.93	68
Water	0.75	98
Overall Approximation	21.29	86

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc) = 12.00 (min)

[RAINFALL DESCRIPTION]

Distribution Type = SCS II
 Total Precipitation = 1.25 (in)
 Return Period = 100 (yr)
 Storm Duration = 24.00 (hr)

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 23
 Name: WQ-Pond #1 - 0.5" Direct
 Type: Computed Flood

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 14.77 (cfs)
 Time to Peak (Tp) = 722.00 (min)
 Time of Base (Tb) = 1479.59 (min)
 Volume = 0.89 (ac-ft)
 Time Step = 2.00 (min)
 Flow Multiplier = 1.00

[UNIT HYDROGRAPH INFORMATION]

Number = 1
 Type = SCS Curvilinear
 Peak Flow (Qp) = 120.75 (cfs)
 Time to Peak (Tp) = 8.00 (min)
 Time of Base (Tb) = 40.00 (min)
 Volume = 1.77 (ac-ft)
 Shape Factor = 484.00
 Time Step = 2.00 (min)
 Excess Rain = 1.00 (in)
 Lag Time = 7.20 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Homesteads Lots	8.86	86
Village Green Lots	9.75	88
Grass - Good Condition	1.93	68
Water	0.75	98
Overall Approximation	21.29	86

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc) = 12.00 (min)

[RAINFALL DESCRIPTION]

Distribution Type = SCS II
 Total Precipitation = 1.52 (in)
 Return Period = 100 (yr)
 Storm Duration = 24.00 (hr)

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 24

Name: Routed WQ Storm - 0.5" Direct

Type: Reservoir: Storage Indication

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 0.37 (cfs)

Time to Peak (Tp) = 1092.00 (min)

Time of Base (Tb) = 2880.00 (min)

Volume = 0.75 (ac-ft)

Time Step = 2.00 (min)

Peak Elevation = 10.75 (ft)

Detention Time = NA

[RESERVOIR STRUCTURE INFORMATION]

Number = 1

Name = Preliminary Pond #1

Storage Type = User-Defined Volume

Maximum Storage = 253873.99 (cu ft)

Maximum Discharge = 39.46 (cfs)

[INFLOW HYDROGRAPH INFORMATION]

Number = 23

Name = WQ-Pond #1 - 0.5" Direct

Peak Flow (Qp) = 14.77 (cfs)

Time to Peak (Tp) = 722.00 (min)

Time of Base (Tb) = 1479.59 (min)

Volume = 0.89 (ac-ft)

Flow Multiplier = 1.00

[EQUATION]

$$0.5(I1+I2)dt + S1-0.5(O2)dt$$

Where:

I1 = Previous Inflow

I2 = Current Inflow

dt = Time Increment

S1 = Previous Storage

S2 = Current Storage

O1 = Previous Outflow

O2 = Current Outflow

A = 0.5 (I1+I2) dt

B = S1 - 0.5 (O1) dt

C = S2 + 0.5 (O2) dt

FLOOD HYDROGRAPH REPORT

Computation of Reservoir Outflow Table of Storage Indication Method
[The time interval is 2.00 min]

Intv	Time	Inflow	A	B	C	Outflow	Storage	Elev
(min)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cu ft)	(ft)	
1	2.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
2	4.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
3	6.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
4	8.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
5	10.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
6	12.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
7	14.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
8	16.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
9	18.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
10	20.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
11	22.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
12	24.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
13	26.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
14	28.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
15	30.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
16	32.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
17	34.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
18	36.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
19	38.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
20	40.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
21	42.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
22	44.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
23	46.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
24	48.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
25	50.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
26	52.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
27	54.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
28	56.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
29	58.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
30	60.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
31	62.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
32	64.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
33	66.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
34	68.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
35	70.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
36	72.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
37	74.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
38	76.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
39	78.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
40	80.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

User Name: Willie Hall

Date: 01-14-14

Project: John Grimmer - Hillview Development - EP Drainage

Time: 19:04:05

Scenario: Proposed Pond #1 Basin

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FLOOD HYDROGRAPH REPORT

41	82.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
42	84.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
43	86.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
44	88.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
45	90.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
46	92.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
47	94.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
48	96.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
49	98.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
50	100.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
51	102.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
52	104.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
53	106.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
54	108.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
55	110.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
56	112.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
57	114.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
58	116.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
59	118.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
60	120.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
61	122.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
62	124.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
63	126.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
64	128.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
65	130.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
66	132.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
67	134.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
68	136.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
69	138.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
70	140.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
71	142.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
72	144.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
73	146.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
74	148.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
75	150.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
76	152.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
77	154.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
78	156.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
79	158.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
80	160.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
81	162.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
82	164.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
83	166.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
84	168.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
85	170.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
86	172.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
87	174.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
88	176.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

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89	178.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
90	180.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
91	182.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
92	184.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
93	186.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
94	188.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
95	190.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
96	192.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
97	194.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
98	196.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
99	198.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
100	200.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
101	202.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
102	204.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
103	206.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
104	208.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
105	210.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
106	212.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
107	214.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
108	216.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
109	218.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
110	220.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
111	222.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
112	224.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
113	226.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
114	228.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
115	230.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
116	232.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
117	234.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
118	236.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
119	238.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
120	240.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
121	242.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
122	244.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
123	246.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
124	248.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
125	250.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
126	252.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
127	254.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
128	256.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
129	258.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
130	260.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
131	262.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
132	264.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
133	266.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
134	268.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
135	270.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
136	272.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

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137	274.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
138	276.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
139	278.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
140	280.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
141	282.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
142	284.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
143	286.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
144	288.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
145	290.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
146	292.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
147	294.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
148	296.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
149	298.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
150	300.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
151	302.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
152	304.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
153	306.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
154	308.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
155	310.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
156	312.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
157	314.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
158	316.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
159	318.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
160	320.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
161	322.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
162	324.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
163	326.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
164	328.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
165	330.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
166	332.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
167	334.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
168	336.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
169	338.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
170	340.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
171	342.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
172	344.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
173	346.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
174	348.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
175	350.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
176	352.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
177	354.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
178	356.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
179	358.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
180	360.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
181	362.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
182	364.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
183	366.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
184	368.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

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185	370.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
186	372.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
187	374.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
188	376.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
189	378.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
190	380.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
191	382.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
192	384.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
193	386.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
194	388.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
195	390.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
196	392.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
197	394.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
198	396.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
199	398.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
200	400.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
201	402.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
202	404.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
203	406.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
204	408.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
205	410.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
206	412.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
207	414.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
208	416.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
209	418.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
210	420.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
211	422.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
212	424.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
213	426.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
214	428.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
215	430.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
216	432.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
217	434.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
218	436.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
219	438.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
220	440.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
221	442.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
222	444.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
223	446.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
224	448.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
225	450.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
226	452.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
227	454.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
228	456.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
229	458.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
230	460.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
231	462.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
232	464.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

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233	466.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
234	468.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
235	470.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
236	472.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
237	474.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
238	476.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
239	478.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
240	480.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
241	482.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
242	484.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
243	486.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
244	488.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
245	490.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
246	492.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
247	494.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
248	496.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
249	498.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
250	500.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
251	502.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
252	504.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
253	506.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
254	508.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
255	510.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
256	512.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
257	514.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
258	516.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
259	518.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
260	520.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
261	522.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
262	524.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
263	526.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
264	528.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
265	530.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
266	532.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
267	534.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
268	536.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
269	538.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
270	540.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
271	542.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
272	544.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
273	546.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
274	548.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
275	550.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
276	552.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
277	554.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
278	556.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
279	558.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
280	560.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

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281	562.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
282	564.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
283	566.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
284	568.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
285	570.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
286	572.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
287	574.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
288	576.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
289	578.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
290	580.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
291	582.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
292	584.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
293	586.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
294	588.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
295	590.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
296	592.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
297	594.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
298	596.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
299	598.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
300	600.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
301	602.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
302	604.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
303	606.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
304	608.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
305	610.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
306	612.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
307	614.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
308	616.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
309	618.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
310	620.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
311	622.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
312	624.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
313	626.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
314	628.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
315	630.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
316	632.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
317	634.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
318	636.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
319	638.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
320	640.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
321	642.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
322	644.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
323	646.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
324	648.00	0.00	0.00	0.14	0.00	0.14	0.00	10.00
325	650.00	0.01	0.01	0.14	0.63	0.00	0.63	10.00
326	652.00	0.01	0.02	0.63	1.63	0.00	1.63	10.00
327	654.00	0.02	0.03	1.63	3.32	0.00	3.32	10.00
328	656.00	0.02	0.04	3.32	5.76	0.00	5.76	10.00

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329	658.00	0.03	0.06	5.76	9.07	0.00	9.07	10.00
330	660.00	0.04	0.07	9.07	13.35	0.00	13.35	10.00
331	662.00	0.05	0.09	13.35	18.71	0.00	18.71	10.00
332	664.00	0.06	0.11	18.71	25.22	0.00	25.22	10.00
333	666.00	0.07	0.13	25.22	32.90	0.00	32.90	10.00
334	668.00	0.08	0.15	32.90	41.95	0.00	41.95	10.00
335	670.00	0.10	0.18	41.95	52.56	0.00	52.56	10.00
336	672.00	0.11	0.21	52.56	64.80	0.00	64.80	10.00
337	674.00	0.13	0.24	64.80	78.79	0.00	78.79	10.00
338	676.00	0.14	0.27	78.79	94.75	0.00	94.75	10.00
339	678.00	0.16	0.31	94.75	112.90	0.00	112.90	10.00
340	680.00	0.18	0.34	112.90	133.33	0.00	133.33	10.00
341	682.00	0.20	0.39	133.33	156.19	0.00	156.19	10.00
342	684.00	0.23	0.43	156.19	181.70	0.00	181.71	10.01
343	686.00	0.25	0.48	181.70	210.17	0.00	210.17	10.01
344	688.00	0.28	0.53	210.17	241.68	0.00	241.69	10.01
345	690.00	0.31	0.59	241.68	276.33	0.00	276.34	10.01
346	692.00	0.34	0.65	276.33	314.67	0.00	314.68	10.01
347	694.00	0.39	0.74	314.67	358.21	0.01	358.22	10.01
348	696.00	0.49	0.88	358.21	410.53	0.01	410.53	10.01
349	698.00	0.66	1.15	410.53	478.48	0.01	478.48	10.01
350	700.00	0.92	1.58	478.48	572.21	0.01	572.22	10.02
351	702.00	1.29	2.21	572.21	703.48	0.01	703.49	10.02
352	704.00	1.76	3.04	703.48	884.55	0.01	884.57	10.03
353	706.00	2.36	4.12	884.55	1129.87	0.02	1129.89	10.03
354	708.00	3.16	5.53	1129.87	1459.21	0.02	1459.23	10.04
355	710.00	4.23	7.40	1459.21	1899.81	0.03	1899.84	10.06
356	712.00	5.69	9.92	1899.81	2490.94	0.04	2490.98	10.08
357	714.00	7.72	13.41	2490.94	3290.18	0.05	3290.23	10.10
358	716.00	10.28	18.00	3290.18	4363.31	0.07	4363.38	10.13
359	718.00	12.86	23.15	4363.31	5742.76	0.09	5742.85	10.17
360	720.00	14.58	27.44	5742.76	7377.00	0.11	7377.11	10.22
361	722.00	14.77	29.34	7377.00	9122.22	0.14	9122.36	10.28
362	724.00	13.43	28.20	9122.22	10795.46	0.17	10795.63	10.33
363	726.00	11.18	24.62	10795.46	12250.60	0.19	12250.80	10.37
364	728.00	8.86	20.05	12250.60	13428.85	0.21	13429.06	10.40
365	730.00	6.97	15.83	13428.85	14352.24	0.23	14352.47	10.43
366	732.00	5.63	12.60	14352.24	15079.79	0.24	15080.03	10.45
367	734.00	4.71	10.33	15079.79	15670.17	0.25	15670.42	10.47
368	736.00	4.05	8.76	15670.17	16165.07	0.26	16165.33	10.49
369	738.00	3.58	7.63	16165.07	16591.21	0.27	16591.48	10.50
370	740.00	3.23	6.81	16591.21	16967.23	0.27	16967.50	10.51
371	742.00	2.96	6.19	16967.23	17305.43	0.28	17305.70	10.52
372	744.00	2.73	5.68	17305.43	17613.20	0.28	17613.48	10.53
373	746.00	2.54	5.27	17613.20	17895.53	0.28	17895.82	10.54
374	748.00	2.37	4.91	17895.53	18156.01	0.28	18156.30	10.54
375	750.00	2.21	4.58	18156.01	18396.57	0.29	18396.85	10.55
376	752.00	2.06	4.27	18396.57	18618.18	0.29	18618.47	10.56

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377	754.00	1.92	3.98	18618.18	18822.33	0.29	18822.62	10.56
378	756.00	1.81	3.74	18822.33	19011.32	0.29	19011.61	10.57
379	758.00	1.72	3.53	19011.32	19187.60	0.30	19187.89	10.57
380	760.00	1.64	3.36	19187.60	19353.34	0.30	19353.64	10.58
381	762.00	1.58	3.22	19353.34	19510.76	0.30	19511.06	10.58
382	764.00	1.54	3.12	19510.76	19661.83	0.30	19662.13	10.59
383	766.00	1.49	3.03	19661.83	19807.45	0.30	19807.75	10.59
384	768.00	1.45	2.95	19807.45	19947.98	0.30	19948.29	10.60
385	770.00	1.42	2.88	19947.98	20084.02	0.30	20084.32	10.60
386	772.00	1.39	2.81	20084.02	20216.18	0.31	20216.48	10.60
387	774.00	1.36	2.75	20216.18	20344.50	0.31	20344.81	10.61
388	776.00	1.33	2.69	20344.50	20468.78	0.31	20469.09	10.61
389	778.00	1.30	2.63	20468.78	20589.24	0.31	20589.55	10.61
390	780.00	1.27	2.57	20589.24	20706.18	0.31	20706.49	10.62
391	782.00	1.24	2.51	20706.18	20819.53	0.31	20819.84	10.62
392	784.00	1.21	2.45	20819.53	20929.04	0.31	20929.36	10.62
393	786.00	1.18	2.39	20929.04	21034.99	0.31	21035.30	10.63
394	788.00	1.16	2.35	21034.99	21137.98	0.32	21138.29	10.63
395	790.00	1.14	2.30	21137.98	21238.11	0.32	21238.43	10.63
396	792.00	1.12	2.26	21238.11	21335.38	0.32	21335.70	10.64
397	794.00	1.10	2.22	21335.38	21430.19	0.32	21430.51	10.64
398	796.00	1.08	2.18	21430.19	21522.92	0.32	21523.24	10.64
399	798.00	1.07	2.15	21522.92	21613.53	0.32	21613.85	10.64
400	800.00	1.05	2.11	21613.53	21701.84	0.32	21702.16	10.65
401	802.00	1.03	2.08	21701.84	21788.04	0.32	21788.37	10.65
402	804.00	1.02	2.05	21788.04	21872.38	0.32	21872.70	10.65
403	806.00	1.00	2.02	21872.38	21954.72	0.32	21955.05	10.65
404	808.00	0.98	1.98	21954.72	22034.86	0.33	22035.18	10.66
405	810.00	0.97	1.95	22034.86	22112.87	0.33	22113.19	10.66
406	812.00	0.95	1.92	22112.87	22189.00	0.33	22189.32	10.66
407	814.00	0.94	1.89	22189.00	22263.19	0.33	22263.52	10.66
408	816.00	0.92	1.86	22263.19	22335.21	0.33	22335.54	10.66
409	818.00	0.91	1.83	22335.21	22405.28	0.33	22405.61	10.67
410	820.00	0.89	1.80	22405.28	22473.76	0.33	22474.09	10.67
411	822.00	0.88	1.77	22473.76	22540.61	0.33	22540.94	10.67
412	824.00	0.87	1.75	22540.61	22605.65	0.33	22605.98	10.67
413	826.00	0.85	1.72	22605.65	22669.07	0.33	22669.41	10.67
414	828.00	0.84	1.70	22669.07	22731.14	0.33	22731.47	10.68
415	830.00	0.83	1.67	22731.14	22791.67	0.33	22792.00	10.68
416	832.00	0.82	1.65	22791.67	22850.52	0.33	22850.86	10.68
417	834.00	0.81	1.62	22850.52	22907.90	0.33	22908.23	10.68
418	836.00	0.80	1.60	22907.90	22963.88	0.33	22964.21	10.68
419	838.00	0.78	1.58	22963.88	23018.34	0.34	23018.67	10.68
420	840.00	0.77	1.55	23018.34	23071.21	0.34	23071.54	10.69
421	842.00	0.76	1.53	23071.21	23122.55	0.34	23122.89	10.69
422	844.00	0.75	1.51	23122.55	23172.53	0.34	23172.86	10.69
423	846.00	0.74	1.48	23172.53	23221.15	0.34	23221.49	10.69
424	848.00	0.73	1.46	23221.15	23268.46	0.34	23268.79	10.69

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425	850.00	0.72	1.45	23268.46	23314.68	0.34	23315.02	10.69
426	852.00	0.71	1.43	23314.68	23360.09	0.34	23360.43	10.69
427	854.00	0.71	1.42	23360.09	23404.74	0.34	23405.08	10.70
428	856.00	0.70	1.41	23404.74	23448.57	0.34	23448.91	10.70
429	858.00	0.70	1.40	23448.57	23491.76	0.34	23492.10	10.70
430	860.00	0.69	1.39	23491.76	23534.50	0.34	23534.85	10.70
431	862.00	0.69	1.38	23534.50	23576.63	0.34	23576.97	10.70
432	864.00	0.68	1.37	23576.63	23618.07	0.34	23618.41	10.70
433	866.00	0.68	1.37	23618.07	23659.04	0.34	23659.38	10.70
434	868.00	0.68	1.36	23659.04	23699.61	0.34	23699.95	10.70
435	870.00	0.67	1.35	23699.61	23739.59	0.34	23739.93	10.70
436	872.00	0.67	1.34	23739.59	23778.92	0.34	23779.26	10.71
437	874.00	0.67	1.33	23778.92	23817.79	0.34	23818.14	10.71
438	876.00	0.66	1.33	23817.79	23856.21	0.34	23856.56	10.71
439	878.00	0.66	1.32	23856.21	23894.04	0.34	23894.38	10.71
440	880.00	0.65	1.31	23894.04	23931.28	0.34	23931.62	10.71
441	882.00	0.65	1.30	23931.28	23968.07	0.35	23968.42	10.71
442	884.00	0.65	1.30	23968.07	24004.40	0.35	24004.74	10.71
443	886.00	0.64	1.29	24004.40	24040.12	0.35	24040.46	10.71
444	888.00	0.64	1.28	24040.12	24075.25	0.35	24075.60	10.71
445	890.00	0.63	1.27	24075.25	24109.89	0.35	24110.24	10.72
446	892.00	0.63	1.26	24109.89	24144.05	0.35	24144.39	10.72
447	894.00	0.62	1.25	24144.05	24177.65	0.35	24177.99	10.72
448	896.00	0.62	1.25	24177.65	24210.67	0.35	24211.01	10.72
449	898.00	0.62	1.24	24210.67	24243.19	0.35	24243.54	10.72
450	900.00	0.61	1.23	24243.19	24275.23	0.35	24275.58	10.72
451	902.00	0.61	1.22	24275.23	24306.69	0.35	24307.04	10.72
452	904.00	0.60	1.21	24306.69	24337.53	0.35	24337.88	10.72
453	906.00	0.60	1.20	24337.53	24367.87	0.35	24368.22	10.72
454	908.00	0.60	1.20	24367.87	24397.77	0.35	24398.12	10.72
455	910.00	0.59	1.19	24397.77	24427.09	0.35	24427.44	10.72
456	912.00	0.59	1.18	24427.09	24455.79	0.35	24456.14	10.73
457	914.00	0.58	1.17	24455.79	24483.99	0.35	24484.34	10.73
458	916.00	0.58	1.16	24483.99	24511.75	0.35	24512.10	10.73
459	918.00	0.57	1.15	24511.75	24538.86	0.35	24539.21	10.73
460	920.00	0.57	1.14	24538.86	24565.34	0.35	24565.69	10.73
461	922.00	0.57	1.14	24565.34	24591.40	0.35	24591.75	10.73
462	924.00	0.56	1.13	24591.40	24617.01	0.35	24617.36	10.73
463	926.00	0.56	1.12	24617.01	24641.95	0.35	24642.31	10.73
464	928.00	0.55	1.11	24641.95	24666.28	0.35	24666.63	10.73
465	930.00	0.55	1.10	24666.28	24690.18	0.35	24690.54	10.73
466	932.00	0.55	1.10	24690.18	24713.62	0.35	24713.98	10.73
467	934.00	0.54	1.09	24713.62	24736.40	0.35	24736.75	10.73
468	936.00	0.54	1.08	24736.40	24758.56	0.35	24758.91	10.73
469	938.00	0.53	1.07	24758.56	24780.30	0.35	24780.65	10.74
470	940.00	0.53	1.06	24780.30	24801.51	0.35	24801.86	10.74
471	942.00	0.52	1.05	24801.51	24822.05	0.35	24822.40	10.74
472	944.00	0.52	1.04	24822.05	24842.03	0.35	24842.38	10.74

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473	946.00	0.52	1.03	24842.03	24861.60	0.35	24861.95	10.74
474	948.00	0.51	1.03	24861.60	24880.63	0.35	24880.98	10.74
475	950.00	0.51	1.02	24880.63	24898.98	0.35	24899.34	10.74
476	952.00	0.50	1.01	24898.98	24916.79	0.35	24917.14	10.74
477	954.00	0.50	1.00	24916.79	24934.17	0.36	24934.53	10.74
478	956.00	0.49	0.99	24934.17	24951.02	0.36	24951.37	10.74
479	958.00	0.49	0.98	24951.02	24967.18	0.36	24967.54	10.74
480	960.00	0.48	0.97	24967.18	24982.80	0.36	24983.16	10.74
481	962.00	0.48	0.96	24982.80	24997.94	0.36	24998.30	10.74
482	964.00	0.48	0.96	24997.94	25012.56	0.36	25012.92	10.74
483	966.00	0.47	0.95	25012.56	25026.61	0.36	25026.96	10.74
484	968.00	0.47	0.94	25026.61	25040.20	0.36	25040.56	10.74
485	970.00	0.47	0.93	25040.20	25053.47	0.36	25053.83	10.74
486	972.00	0.46	0.93	25053.47	25066.41	0.36	25066.77	10.74
487	974.00	0.46	0.92	25066.41	25079.00	0.36	25079.36	10.74
488	976.00	0.46	0.92	25079.00	25091.30	0.36	25091.65	10.74
489	978.00	0.46	0.92	25091.30	25103.42	0.36	25103.78	10.74
490	980.00	0.46	0.91	25103.42	25115.38	0.36	25115.74	10.74
491	982.00	0.45	0.91	25115.38	25127.08	0.36	25127.44	10.75
492	984.00	0.45	0.91	25127.08	25138.54	0.36	25138.89	10.75
493	986.00	0.45	0.90	25138.54	25149.85	0.36	25150.21	10.75
494	988.00	0.45	0.90	25149.85	25161.02	0.36	25161.38	10.75
495	990.00	0.45	0.90	25161.02	25171.89	0.36	25172.25	10.75
496	992.00	0.45	0.89	25171.89	25182.53	0.36	25182.89	10.75
497	994.00	0.45	0.89	25182.53	25193.09	0.36	25193.45	10.75
498	996.00	0.44	0.89	25193.09	25203.50	0.36	25203.86	10.75
499	998.00	0.44	0.88	25203.50	25213.61	0.36	25213.97	10.75
500	1000.00	0.44	0.88	25213.61	25223.51	0.36	25223.86	10.75
501	1002.00	0.44	0.88	25223.51	25233.32	0.36	25233.68	10.75
502	1004.00	0.44	0.88	25233.32	25242.97	0.36	25243.33	10.75
503	1006.00	0.44	0.87	25242.97	25252.33	0.36	25252.69	10.75
504	1008.00	0.43	0.87	25252.33	25261.47	0.36	25261.83	10.75
505	1010.00	0.43	0.87	25261.47	25270.53	0.36	25270.89	10.75
506	1012.00	0.43	0.87	25270.53	25279.42	0.36	25279.78	10.75
507	1014.00	0.43	0.86	25279.42	25288.02	0.36	25288.38	10.75
508	1016.00	0.43	0.86	25288.02	25296.41	0.36	25296.77	10.75
509	1018.00	0.43	0.86	25296.41	25304.67	0.36	25305.02	10.75
510	1020.00	0.43	0.85	25304.67	25312.69	0.36	25313.05	10.75
511	1022.00	0.42	0.85	25312.69	25320.37	0.36	25320.73	10.75
512	1024.00	0.42	0.85	25320.37	25327.80	0.36	25328.17	10.75
513	1026.00	0.42	0.84	25327.80	25335.09	0.36	25335.45	10.75
514	1028.00	0.42	0.84	25335.09	25342.08	0.36	25342.45	10.75
515	1030.00	0.42	0.84	25342.08	25348.75	0.36	25349.11	10.75
516	1032.00	0.42	0.83	25348.75	25355.24	0.36	25355.60	10.75
517	1034.00	0.42	0.83	25355.24	25361.58	0.36	25361.94	10.75
518	1036.00	0.41	0.83	25361.58	25367.63	0.36	25367.99	10.75
519	1038.00	0.41	0.82	25367.63	25373.36	0.36	25373.73	10.75
520	1040.00	0.41	0.82	25373.36	25378.93	0.36	25379.30	10.75

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521	1042.00	0.41	0.82	25378.93	25384.36	0.37	25384.72	10.75
522	1044.00	0.41	0.82	25384.36	25389.49	0.37	25389.86	10.75
523	1046.00	0.41	0.81	25389.49	25394.32	0.37	25394.69	10.75
524	1048.00	0.40	0.81	25394.32	25398.99	0.37	25399.36	10.75
525	1050.00	0.40	0.81	25398.99	25403.52	0.37	25403.89	10.75
526	1052.00	0.40	0.80	25403.52	25407.77	0.37	25408.13	10.75
527	1054.00	0.40	0.80	25407.77	25411.71	0.37	25412.08	10.75
528	1056.00	0.40	0.80	25411.71	25415.52	0.37	25415.88	10.75
529	1058.00	0.40	0.79	25415.52	25419.12	0.37	25419.49	10.75
530	1060.00	0.39	0.79	25419.12	25422.44	0.37	25422.80	10.75
531	1062.00	0.39	0.79	25422.44	25425.53	0.37	25425.89	10.75
532	1064.00	0.39	0.79	25425.53	25428.48	0.37	25428.85	10.75
533	1066.00	0.39	0.78	25428.48	25431.24	0.37	25431.61	10.75
534	1068.00	0.39	0.78	25431.24	25433.72	0.37	25434.09	10.75
535	1070.00	0.39	0.77	25433.72	25435.98	0.37	25436.35	10.75
536	1072.00	0.39	0.77	25435.98	25438.11	0.37	25438.48	10.75
537	1074.00	0.38	0.77	25438.11	25440.05	0.37	25440.42	10.75
538	1076.00	0.38	0.77	25440.05	25441.71	0.37	25442.08	10.75
539	1078.00	0.38	0.76	25441.71	25443.15	0.37	25443.52	10.75
540	1080.00	0.38	0.76	25443.15	25444.49	0.37	25444.86	10.75
541	1082.00	0.38	0.76	25444.49	25445.63	0.37	25446.00	10.75
542	1084.00	0.38	0.75	25445.63	25446.49	0.37	25446.86	10.75
543	1086.00	0.37	0.75	25446.49	25447.15	0.37	25447.52	10.75
544	1088.00	0.37	0.75	25447.15	25447.70	0.37	25448.07	10.75
545	1090.00	0.37	0.75	25447.70	25448.07	0.37	25448.44	10.75
546	1092.00	0.37	0.74	25448.07	25448.15	0.37	25448.52	10.75
547	1094.00	0.37	0.74	25448.15	25448.04	0.37	25448.41	10.75
548	1096.00	0.37	0.73	25448.04	25447.78	0.37	25448.15	10.75
549	1098.00	0.36	0.73	25447.78	25447.33	0.37	25447.70	10.75
550	1100.00	0.36	0.73	25447.33	25446.66	0.37	25447.03	10.75
551	1102.00	0.36	0.72	25446.66	25445.81	0.37	25446.18	10.75
552	1104.00	0.36	0.72	25445.81	25444.81	0.37	25445.18	10.75
553	1106.00	0.36	0.72	25444.81	25443.63	0.37	25444.00	10.75
554	1108.00	0.36	0.71	25443.63	25442.23	0.37	25442.60	10.75
555	1110.00	0.36	0.71	25442.23	25440.65	0.37	25441.02	10.75
556	1112.00	0.35	0.71	25440.65	25438.94	0.37	25439.31	10.75
557	1114.00	0.35	0.71	25438.94	25437.05	0.37	25437.42	10.75
558	1116.00	0.35	0.70	25437.05	25434.93	0.37	25435.30	10.75
559	1118.00	0.35	0.70	25434.93	25432.65	0.37	25433.02	10.75
560	1120.00	0.35	0.70	25432.65	25430.24	0.37	25430.61	10.75
561	1122.00	0.35	0.69	25430.24	25427.65	0.37	25428.02	10.75
562	1124.00	0.34	0.69	25427.65	25424.85	0.37	25425.22	10.75
563	1126.00	0.34	0.69	25424.85	25421.83	0.37	25422.20	10.75
564	1128.00	0.34	0.68	25421.83	25418.68	0.37	25419.05	10.75
565	1130.00	0.34	0.68	25418.68	25415.42	0.37	25415.78	10.75
566	1132.00	0.34	0.68	25415.42	25411.94	0.37	25412.31	10.75
567	1134.00	0.34	0.67	25411.94	25408.26	0.37	25408.63	10.75
568	1136.00	0.33	0.67	25408.26	25404.45	0.37	25404.81	10.75

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569	1138.00	0.33	0.67	25404.45	25400.52	0.37	25400.89	10.75
570	1140.00	0.33	0.66	25400.52	25396.39	0.37	25396.76	10.75
571	1142.00	0.33	0.66	25396.39	25392.06	0.37	25392.43	10.75
572	1144.00	0.33	0.66	25392.06	25387.61	0.37	25387.98	10.75
573	1146.00	0.33	0.65	25387.61	25383.04	0.37	25383.41	10.75
574	1148.00	0.32	0.65	25383.04	25378.28	0.36	25378.64	10.75
575	1150.00	0.32	0.65	25378.28	25373.32	0.36	25373.69	10.75
576	1152.00	0.32	0.64	25373.32	25368.25	0.36	25368.61	10.75
577	1154.00	0.32	0.64	25368.25	25363.05	0.36	25363.41	10.75
578	1156.00	0.32	0.64	25363.05	25357.61	0.36	25357.97	10.75
579	1158.00	0.32	0.63	25357.61	25351.99	0.36	25352.35	10.75
580	1160.00	0.31	0.63	25351.99	25346.30	0.36	25346.67	10.75
581	1162.00	0.31	0.63	25346.30	25340.50	0.36	25340.86	10.75
582	1164.00	0.31	0.62	25340.50	25334.46	0.36	25334.82	10.75
583	1166.00	0.31	0.62	25334.46	25328.25	0.36	25328.61	10.75
584	1168.00	0.31	0.62	25328.25	25321.97	0.36	25322.33	10.75
585	1170.00	0.31	0.61	25321.97	25315.58	0.36	25315.94	10.75
586	1172.00	0.30	0.61	25315.58	25308.96	0.36	25309.32	10.75
587	1174.00	0.30	0.61	25308.96	25302.17	0.36	25302.53	10.75
588	1176.00	0.30	0.60	25302.17	25295.32	0.36	25295.68	10.75
589	1178.00	0.30	0.60	25295.32	25288.33	0.36	25288.69	10.75
590	1180.00	0.30	0.60	25288.33	25281.08	0.36	25281.44	10.75
591	1182.00	0.30	0.59	25281.08	25273.62	0.36	25273.98	10.75
592	1184.00	0.29	0.59	25273.62	25266.05	0.36	25266.41	10.75
593	1186.00	0.29	0.59	25266.05	25258.24	0.36	25258.60	10.75
594	1188.00	0.29	0.58	25258.24	25250.18	0.36	25250.53	10.75
595	1190.00	0.29	0.58	25250.18	25241.96	0.36	25242.32	10.75
596	1192.00	0.29	0.58	25241.96	25233.64	0.36	25233.99	10.75
597	1194.00	0.29	0.57	25233.64	25225.07	0.36	25225.43	10.75
598	1196.00	0.28	0.57	25225.07	25216.24	0.36	25216.60	10.75
599	1198.00	0.28	0.57	25216.24	25207.28	0.36	25207.64	10.75
600	1200.00	0.28	0.56	25207.28	25198.19	0.36	25198.55	10.75
601	1202.00	0.28	0.56	25198.19	25188.87	0.36	25189.23	10.75
602	1204.00	0.28	0.56	25188.87	25179.30	0.36	25179.65	10.75
603	1206.00	0.28	0.55	25179.30	25169.61	0.36	25169.97	10.75
604	1208.00	0.27	0.55	25169.61	25159.79	0.36	25160.14	10.75
605	1210.00	0.27	0.55	25159.79	25149.79	0.36	25150.15	10.75
606	1212.00	0.27	0.55	25149.79	25139.71	0.36	25140.07	10.75
607	1214.00	0.27	0.55	25139.71	25129.62	0.36	25129.98	10.75
608	1216.00	0.27	0.55	25129.62	25119.49	0.36	25119.84	10.74
609	1218.00	0.27	0.54	25119.49	25109.25	0.36	25109.61	10.74
610	1220.00	0.27	0.54	25109.25	25098.99	0.36	25099.34	10.74
611	1222.00	0.27	0.54	25098.99	25088.75	0.36	25089.11	10.74
612	1224.00	0.27	0.54	25088.75	25078.50	0.36	25078.85	10.74
613	1226.00	0.27	0.54	25078.50	25068.16	0.36	25068.51	10.74
614	1228.00	0.27	0.54	25068.16	25057.79	0.36	25058.15	10.74
615	1230.00	0.27	0.54	25057.79	25047.41	0.36	25047.77	10.74
616	1232.00	0.27	0.54	25047.41	25037.01	0.36	25037.37	10.74

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617	1234.00	0.27	0.54	25037.01	25026.59	0.36	25026.94	10.74
618	1236.00	0.27	0.54	25026.59	25016.14	0.36	25016.49	10.74
619	1238.00	0.27	0.54	25016.14	25005.68	0.36	25006.04	10.74
620	1240.00	0.27	0.54	25005.68	24995.20	0.36	24995.55	10.74
621	1242.00	0.27	0.54	24995.20	24984.69	0.36	24985.04	10.74
622	1244.00	0.27	0.54	24984.69	24974.15	0.36	24974.51	10.74
623	1246.00	0.27	0.54	24974.15	24963.62	0.36	24963.97	10.74
624	1248.00	0.27	0.53	24963.62	24953.05	0.36	24953.41	10.74
625	1250.00	0.27	0.53	24953.05	24942.46	0.36	24942.81	10.74
626	1252.00	0.27	0.53	24942.46	24931.84	0.36	24932.20	10.74
627	1254.00	0.27	0.53	24931.84	24921.22	0.36	24921.58	10.74
628	1256.00	0.27	0.53	24921.22	24910.58	0.35	24910.93	10.74
629	1258.00	0.27	0.53	24910.58	24899.89	0.35	24900.25	10.74
630	1260.00	0.27	0.53	24899.89	24889.20	0.35	24889.55	10.74
631	1262.00	0.27	0.53	24889.20	24878.50	0.35	24878.85	10.74
632	1264.00	0.26	0.53	24878.50	24867.77	0.35	24868.13	10.74
633	1266.00	0.26	0.53	24867.77	24857.00	0.35	24857.36	10.74
634	1268.00	0.26	0.53	24857.00	24846.22	0.35	24846.57	10.74
635	1270.00	0.26	0.53	24846.22	24835.44	0.35	24835.79	10.74
636	1272.00	0.26	0.53	24835.44	24824.63	0.35	24824.99	10.74
637	1274.00	0.26	0.53	24824.63	24813.78	0.35	24814.13	10.74
638	1276.00	0.26	0.53	24813.78	24802.91	0.35	24803.26	10.74
639	1278.00	0.26	0.53	24802.91	24792.05	0.35	24792.40	10.74
640	1280.00	0.26	0.53	24792.05	24781.16	0.35	24781.51	10.74
641	1282.00	0.26	0.52	24781.16	24770.22	0.35	24770.58	10.73
642	1284.00	0.26	0.52	24770.22	24759.27	0.35	24759.63	10.73
643	1286.00	0.26	0.52	24759.27	24748.33	0.35	24748.69	10.73
644	1288.00	0.26	0.52	24748.33	24737.36	0.35	24737.71	10.73
645	1290.00	0.26	0.52	24737.36	24726.34	0.35	24726.69	10.73
646	1292.00	0.26	0.52	24726.34	24715.31	0.35	24715.66	10.73
647	1294.00	0.26	0.52	24715.31	24704.28	0.35	24704.64	10.73
648	1296.00	0.26	0.52	24704.28	24693.22	0.35	24693.57	10.73
649	1298.00	0.26	0.52	24693.22	24682.11	0.35	24682.47	10.73
650	1300.00	0.26	0.52	24682.11	24670.94	0.35	24671.30	10.73
651	1302.00	0.26	0.52	24670.94	24659.78	0.35	24660.13	10.73
652	1304.00	0.26	0.52	24659.78	24648.63	0.35	24648.98	10.73
653	1306.00	0.26	0.52	24648.63	24637.43	0.35	24637.79	10.73
654	1308.00	0.26	0.52	24637.43	24626.18	0.35	24626.54	10.73
655	1310.00	0.26	0.52	24626.18	24614.93	0.35	24615.28	10.73
656	1312.00	0.26	0.52	24614.93	24603.70	0.35	24604.05	10.73
657	1314.00	0.26	0.52	24603.70	24592.42	0.35	24592.77	10.73
658	1316.00	0.26	0.51	24592.42	24581.09	0.35	24581.44	10.73
659	1318.00	0.26	0.51	24581.09	24569.75	0.35	24570.11	10.73
660	1320.00	0.26	0.51	24569.75	24558.43	0.35	24558.78	10.73
661	1322.00	0.26	0.51	24558.43	24547.07	0.35	24547.42	10.73
662	1324.00	0.26	0.51	24547.07	24535.66	0.35	24536.01	10.73
663	1326.00	0.26	0.51	24535.66	24524.24	0.35	24524.59	10.73
664	1328.00	0.26	0.51	24524.24	24512.83	0.35	24513.18	10.73

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665	1330.00	0.26	0.51	24512.83	24501.38	0.35	24501.74	10.73
666	1332.00	0.25	0.51	24501.38	24489.89	0.35	24490.24	10.73
667	1334.00	0.25	0.51	24489.89	24478.39	0.35	24478.74	10.73
668	1336.00	0.25	0.51	24478.39	24466.89	0.35	24467.25	10.73
669	1338.00	0.25	0.51	24466.89	24455.36	0.35	24455.71	10.73
670	1340.00	0.25	0.51	24455.36	24443.79	0.35	24444.14	10.73
671	1342.00	0.25	0.51	24443.79	24432.21	0.35	24432.56	10.73
672	1344.00	0.25	0.51	24432.21	24420.62	0.35	24420.97	10.72
673	1346.00	0.25	0.51	24420.62	24409.01	0.35	24409.36	10.72
674	1348.00	0.25	0.51	24409.01	24397.35	0.35	24397.70	10.72
675	1350.00	0.25	0.50	24397.35	24385.68	0.35	24386.03	10.72
676	1352.00	0.25	0.50	24385.68	24374.01	0.35	24374.36	10.72
677	1354.00	0.25	0.50	24374.01	24362.31	0.35	24362.66	10.72
678	1356.00	0.25	0.50	24362.31	24350.57	0.35	24350.92	10.72
679	1358.00	0.25	0.50	24350.57	24338.83	0.35	24339.17	10.72
680	1360.00	0.25	0.50	24338.83	24327.07	0.35	24327.41	10.72
681	1362.00	0.25	0.50	24327.07	24315.28	0.35	24315.63	10.72
682	1364.00	0.25	0.50	24315.28	24303.46	0.35	24303.81	10.72
683	1366.00	0.25	0.50	24303.46	24291.63	0.35	24291.98	10.72
684	1368.00	0.25	0.50	24291.63	24279.78	0.35	24280.13	10.72
685	1370.00	0.25	0.50	24279.78	24267.91	0.35	24268.26	10.72
686	1372.00	0.25	0.50	24267.91	24256.01	0.35	24256.36	10.72
687	1374.00	0.25	0.50	24256.01	24244.09	0.35	24244.44	10.72
688	1376.00	0.25	0.50	24244.09	24232.16	0.35	24232.51	10.72
689	1378.00	0.25	0.50	24232.16	24220.14	0.35	24220.49	10.72
690	1380.00	0.25	0.49	24220.14	24208.10	0.35	24208.45	10.72
691	1382.00	0.25	0.50	24208.10	24196.10	0.35	24196.45	10.72
692	1384.00	0.25	0.49	24196.10	24184.08	0.35	24184.42	10.72
693	1386.00	0.25	0.49	24184.08	24171.97	0.35	24172.32	10.72
694	1388.00	0.25	0.49	24171.97	24159.85	0.35	24160.20	10.72
695	1390.00	0.25	0.49	24159.85	24147.77	0.35	24148.12	10.72
696	1392.00	0.25	0.49	24147.77	24135.66	0.35	24136.01	10.72
697	1394.00	0.24	0.49	24135.66	24123.47	0.35	24123.82	10.72
698	1396.00	0.25	0.49	24123.47	24111.27	0.35	24111.61	10.72
699	1398.00	0.25	0.49	24111.27	24099.10	0.35	24099.45	10.72
700	1400.00	0.24	0.49	24099.10	24086.90	0.35	24087.25	10.72
701	1402.00	0.24	0.49	24086.90	24074.63	0.35	24074.98	10.71
702	1404.00	0.24	0.49	24074.63	24062.34	0.35	24062.69	10.71
703	1406.00	0.24	0.49	24062.34	24050.09	0.35	24050.44	10.71
704	1408.00	0.24	0.49	24050.09	24037.81	0.35	24038.16	10.71
705	1410.00	0.24	0.49	24037.81	24025.45	0.35	24025.80	10.71
706	1412.00	0.24	0.49	24025.45	24013.08	0.35	24013.43	10.71
707	1414.00	0.24	0.49	24013.08	24000.75	0.35	24001.10	10.71
708	1416.00	0.24	0.48	24000.75	23988.38	0.35	23988.72	10.71
709	1418.00	0.24	0.48	23988.38	23975.93	0.35	23976.28	10.71
710	1420.00	0.24	0.48	23975.93	23963.49	0.35	23963.83	10.71
711	1422.00	0.24	0.48	23963.49	23951.07	0.34	23951.41	10.71
712	1424.00	0.24	0.48	23951.07	23938.61	0.34	23938.95	10.71

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713	1426.00	0.24	0.48	23938.61	23926.08	0.34	23926.42	10.71
714	1428.00	0.24	0.48	23926.08	23913.55	0.34	23913.89	10.71
715	1430.00	0.24	0.48	23913.55	23901.04	0.34	23901.39	10.71
716	1432.00	0.24	0.48	23901.04	23888.50	0.34	23888.84	10.71
717	1434.00	0.24	0.48	23888.50	23875.88	0.34	23876.23	10.71
718	1436.00	0.24	0.48	23875.88	23863.27	0.34	23863.61	10.71
719	1438.00	0.24	0.48	23863.27	23850.68	0.34	23851.03	10.71
720	1440.00	0.24	0.48	23850.68	23837.99	0.34	23838.34	10.71
721	1442.00	0.23	0.47	23837.99	23824.68	0.34	23825.03	10.71
722	1444.00	0.21	0.43	23824.68	23809.54	0.34	23809.89	10.71
723	1446.00	0.17	0.37	23809.54	23790.83	0.34	23791.17	10.71
724	1448.00	0.12	0.29	23790.83	23767.22	0.34	23767.56	10.71
725	1450.00	0.08	0.21	23767.22	23738.60	0.34	23738.94	10.70
726	1452.00	0.05	0.14	23738.60	23705.80	0.34	23706.15	10.70
727	1454.00	0.04	0.09	23705.80	23670.11	0.34	23670.45	10.70
728	1456.00	0.02	0.06	23670.11	23632.53	0.34	23632.87	10.70
729	1458.00	0.01	0.04	23632.53	23593.70	0.34	23594.04	10.70
730	1460.00	0.01	0.02	23593.70	23554.09	0.34	23554.43	10.70
731	1462.00	0.00	0.01	23554.09	23513.99	0.34	23514.33	10.70
732	1464.00	0.00	0.01	23513.99	23473.53	0.34	23473.87	10.70
733	1466.00	0.00	0.00	23473.53	23432.84	0.34	23433.18	10.70
734	1468.00	0.00	0.00	23432.84	23392.11	0.34	23392.45	10.69
735	1470.00	0.00	0.00	23392.11	23351.44	0.34	23351.78	10.69
736	1472.00	0.00	0.00	23351.44	23310.81	0.34	23311.15	10.69
737	1474.00	0.00	0.00	23310.81	23270.24	0.34	23270.58	10.69
738	1476.00	0.00	0.00	23270.24	23229.72	0.34	23230.05	10.69
739	1478.00	0.00	0.00	23229.72	23189.24	0.34	23189.58	10.69
740	1480.00	0.00	0.00	23189.24	23148.82	0.34	23149.16	10.69
741	1482.00	0.00	0.00	23148.82	23108.45	0.34	23108.78	10.69
742	1484.00	0.00	0.00	23108.45	23068.12	0.34	23068.46	10.69
743	1486.00	0.00	0.00	23068.12	23027.85	0.34	23028.19	10.68
744	1488.00	0.00	0.00	23027.85	22987.63	0.33	22987.96	10.68
745	1490.00	0.00	0.00	22987.63	22947.46	0.33	22947.79	10.68
746	1492.00	0.00	0.00	22947.46	22907.34	0.33	22907.67	10.68
747	1494.00	0.00	0.00	22907.34	22867.26	0.33	22867.60	10.68
748	1496.00	0.00	0.00	22867.26	22827.24	0.33	22827.57	10.68
749	1498.00	0.00	0.00	22827.24	22787.27	0.33	22787.60	10.68
750	1500.00	0.00	0.00	22787.27	22747.35	0.33	22747.68	10.68
751	1502.00	0.00	0.00	22747.35	22707.47	0.33	22707.80	10.68
752	1504.00	0.00	0.00	22707.47	22667.65	0.33	22667.98	10.67
753	1506.00	0.00	0.00	22667.65	22627.87	0.33	22628.21	10.67
754	1508.00	0.00	0.00	22627.87	22588.15	0.33	22588.48	10.67
755	1510.00	0.00	0.00	22588.15	22548.47	0.33	22548.81	10.67
756	1512.00	0.00	0.00	22548.47	22508.85	0.33	22509.18	10.67
757	1514.00	0.00	0.00	22508.85	22469.27	0.33	22469.60	10.67
758	1516.00	0.00	0.00	22469.27	22429.74	0.33	22430.07	10.67
759	1518.00	0.00	0.00	22429.74	22390.27	0.33	22390.60	10.67
760	1520.00	0.00	0.00	22390.27	22350.84	0.33	22351.17	10.66

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761	1522.00	0.00	0.00	22350.84	22311.46	0.33	22311.79	10.66
762	1524.00	0.00	0.00	22311.46	22272.13	0.33	22272.45	10.66
763	1526.00	0.00	0.00	22272.13	22232.84	0.33	22233.17	10.66
764	1528.00	0.00	0.00	22232.84	22193.61	0.33	22193.94	10.66
765	1530.00	0.00	0.00	22193.61	22154.43	0.33	22154.75	10.66
766	1532.00	0.00	0.00	22154.43	22115.29	0.33	22115.62	10.66
767	1534.00	0.00	0.00	22115.29	22076.20	0.33	22076.53	10.66
768	1536.00	0.00	0.00	22076.20	22037.17	0.33	22037.49	10.66
769	1538.00	0.00	0.00	22037.17	21998.18	0.32	21998.50	10.65
770	1540.00	0.00	0.00	21998.18	21959.23	0.32	21959.56	10.65
771	1542.00	0.00	0.00	21959.23	21920.34	0.32	21920.66	10.65
772	1544.00	0.00	0.00	21920.34	21881.50	0.32	21881.82	10.65
773	1546.00	0.00	0.00	21881.50	21842.70	0.32	21843.02	10.65
774	1548.00	0.00	0.00	21842.70	21803.95	0.32	21804.27	10.65
775	1550.00	0.00	0.00	21803.95	21765.25	0.32	21765.57	10.65
776	1552.00	0.00	0.00	21765.25	21726.60	0.32	21726.92	10.65
777	1554.00	0.00	0.00	21726.60	21688.00	0.32	21688.32	10.65
778	1556.00	0.00	0.00	21688.00	21649.44	0.32	21649.76	10.64
779	1558.00	0.00	0.00	21649.44	21610.93	0.32	21611.25	10.64
780	1560.00	0.00	0.00	21610.93	21572.47	0.32	21572.79	10.64
781	1562.00	0.00	0.00	21572.47	21534.06	0.32	21534.38	10.64
782	1564.00	0.00	0.00	21534.06	21495.70	0.32	21496.02	10.64
783	1566.00	0.00	0.00	21495.70	21457.38	0.32	21457.70	10.64
784	1568.00	0.00	0.00	21457.38	21419.11	0.32	21419.43	10.64
785	1570.00	0.00	0.00	21419.11	21380.89	0.32	21381.21	10.64
786	1572.00	0.00	0.00	21380.89	21342.72	0.32	21343.04	10.64
787	1574.00	0.00	0.00	21342.72	21304.59	0.32	21304.91	10.63
788	1576.00	0.00	0.00	21304.59	21266.51	0.32	21266.83	10.63
789	1578.00	0.00	0.00	21266.51	21228.48	0.32	21228.80	10.63
790	1580.00	0.00	0.00	21228.48	21190.50	0.32	21190.81	10.63
791	1582.00	0.00	0.00	21190.50	21152.56	0.32	21152.88	10.63
792	1584.00	0.00	0.00	21152.56	21114.67	0.32	21114.99	10.63
793	1586.00	0.00	0.00	21114.67	21076.83	0.32	21077.14	10.63
794	1588.00	0.00	0.00	21076.83	21039.03	0.31	21039.35	10.63
795	1590.00	0.00	0.00	21039.03	21001.29	0.31	21001.60	10.63
796	1592.00	0.00	0.00	21001.29	20963.58	0.31	20963.90	10.62
797	1594.00	0.00	0.00	20963.58	20925.93	0.31	20926.24	10.62
798	1596.00	0.00	0.00	20925.93	20888.32	0.31	20888.64	10.62
799	1598.00	0.00	0.00	20888.32	20850.76	0.31	20851.07	10.62
800	1600.00	0.00	0.00	20850.76	20813.25	0.31	20813.56	10.62
801	1602.00	0.00	0.00	20813.25	20775.78	0.31	20776.09	10.62
802	1604.00	0.00	0.00	20775.78	20738.36	0.31	20738.67	10.62
803	1606.00	0.00	0.00	20738.36	20700.98	0.31	20701.30	10.62
804	1608.00	0.00	0.00	20700.98	20663.66	0.31	20663.97	10.62
805	1610.00	0.00	0.00	20663.66	20626.37	0.31	20626.69	10.61
806	1612.00	0.00	0.00	20626.37	20589.14	0.31	20589.45	10.61
807	1614.00	0.00	0.00	20589.14	20551.95	0.31	20552.26	10.61
808	1616.00	0.00	0.00	20551.95	20514.81	0.31	20515.12	10.61

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809	1618.00	0.00	0.00	20514.81	20477.71	0.31	20478.02	10.61
810	1620.00	0.00	0.00	20477.71	20440.66	0.31	20440.97	10.61
811	1622.00	0.00	0.00	20440.66	20403.66	0.31	20403.97	10.61
812	1624.00	0.00	0.00	20403.66	20366.70	0.31	20367.01	10.61
813	1626.00	0.00	0.00	20366.70	20329.79	0.31	20330.10	10.61
814	1628.00	0.00	0.00	20329.79	20292.92	0.31	20293.23	10.61
815	1630.00	0.00	0.00	20292.92	20256.10	0.31	20256.41	10.60
816	1632.00	0.00	0.00	20256.10	20219.33	0.31	20219.63	10.60
817	1634.00	0.00	0.00	20219.33	20182.60	0.31	20182.90	10.60
818	1636.00	0.00	0.00	20182.60	20145.91	0.31	20146.22	10.60
819	1638.00	0.00	0.00	20145.91	20109.28	0.31	20109.58	10.60
820	1640.00	0.00	0.00	20109.28	20072.69	0.30	20072.99	10.60
821	1642.00	0.00	0.00	20072.69	20036.14	0.30	20036.44	10.60
822	1644.00	0.00	0.00	20036.14	19999.64	0.30	19999.94	10.60
823	1646.00	0.00	0.00	19999.64	19963.18	0.30	19963.49	10.60
824	1648.00	0.00	0.00	19963.18	19926.77	0.30	19927.08	10.59
825	1650.00	0.00	0.00	19926.77	19890.41	0.30	19890.71	10.59
826	1652.00	0.00	0.00	19890.41	19854.09	0.30	19854.39	10.59
827	1654.00	0.00	0.00	19854.09	19817.81	0.30	19818.12	10.59
828	1656.00	0.00	0.00	19817.81	19781.58	0.30	19781.89	10.59
829	1658.00	0.00	0.00	19781.58	19745.40	0.30	19745.70	10.59
830	1660.00	0.00	0.00	19745.40	19709.26	0.30	19709.56	10.59
831	1662.00	0.00	0.00	19709.26	19673.17	0.30	19673.47	10.59
832	1664.00	0.00	0.00	19673.17	19637.12	0.30	19637.42	10.59
833	1666.00	0.00	0.00	19637.12	19601.11	0.30	19601.41	10.58
834	1668.00	0.00	0.00	19601.11	19565.15	0.30	19565.45	10.58
835	1670.00	0.00	0.00	19565.15	19529.24	0.30	19529.54	10.58
836	1672.00	0.00	0.00	19529.24	19493.37	0.30	19493.67	10.58
837	1674.00	0.00	0.00	19493.37	19457.54	0.30	19457.84	10.58
838	1676.00	0.00	0.00	19457.54	19421.76	0.30	19422.06	10.58
839	1678.00	0.00	0.00	19421.76	19386.02	0.30	19386.32	10.58
840	1680.00	0.00	0.00	19386.02	19350.33	0.30	19350.63	10.58
841	1682.00	0.00	0.00	19350.33	19314.68	0.30	19314.98	10.58
842	1684.00	0.00	0.00	19314.68	19279.08	0.30	19279.38	10.58
843	1686.00	0.00	0.00	19279.08	19243.52	0.30	19243.82	10.57
844	1688.00	0.00	0.00	19243.52	19208.00	0.30	19208.30	10.57
845	1690.00	0.00	0.00	19208.00	19172.53	0.30	19172.83	10.57
846	1692.00	0.00	0.00	19172.53	19137.11	0.30	19137.40	10.57
847	1694.00	0.00	0.00	19137.11	19101.72	0.29	19102.02	10.57
848	1696.00	0.00	0.00	19101.72	19066.39	0.29	19066.68	10.57
849	1698.00	0.00	0.00	19066.39	19031.09	0.29	19031.39	10.57
850	1700.00	0.00	0.00	19031.09	18995.84	0.29	18996.13	10.57
851	1702.00	0.00	0.00	18995.84	18960.63	0.29	18960.93	10.57
852	1704.00	0.00	0.00	18960.63	18925.47	0.29	18925.76	10.57
853	1706.00	0.00	0.00	18925.47	18890.35	0.29	18890.64	10.56
854	1708.00	0.00	0.00	18890.35	18855.28	0.29	18855.57	10.56
855	1710.00	0.00	0.00	18855.28	18820.24	0.29	18820.53	10.56
856	1712.00	0.00	0.00	18820.24	18785.25	0.29	18785.55	10.56

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857	1714.00	0.00	0.00	18785.25	18750.31	0.29	18750.60	10.56
858	1716.00	0.00	0.00	18750.31	18715.41	0.29	18715.70	10.56
859	1718.00	0.00	0.00	18715.41	18680.55	0.29	18680.84	10.56
860	1720.00	0.00	0.00	18680.55	18645.73	0.29	18646.02	10.56
861	1722.00	0.00	0.00	18645.73	18610.96	0.29	18611.25	10.56
862	1724.00	0.00	0.00	18610.96	18576.24	0.29	18576.52	10.56
863	1726.00	0.00	0.00	18576.24	18541.55	0.29	18541.84	10.55
864	1728.00	0.00	0.00	18541.55	18506.91	0.29	18507.20	10.55
865	1730.00	0.00	0.00	18506.91	18472.31	0.29	18472.60	10.55
866	1732.00	0.00	0.00	18472.31	18437.75	0.29	18438.04	10.55
867	1734.00	0.00	0.00	18437.75	18403.24	0.29	18403.53	10.55
868	1736.00	0.00	0.00	18403.24	18368.77	0.29	18369.06	10.55
869	1738.00	0.00	0.00	18368.77	18334.34	0.29	18334.63	10.55
870	1740.00	0.00	0.00	18334.34	18299.96	0.29	18300.25	10.55
871	1742.00	0.00	0.00	18299.96	18265.62	0.29	18265.90	10.55
872	1744.00	0.00	0.00	18265.62	18231.32	0.29	18231.61	10.55
873	1746.00	0.00	0.00	18231.32	18197.06	0.29	18197.35	10.54
874	1748.00	0.00	0.00	18197.06	18162.85	0.28	18163.14	10.54
875	1750.00	0.00	0.00	18162.85	18128.68	0.28	18128.96	10.54
876	1752.00	0.00	0.00	18128.68	18094.55	0.28	18094.84	10.54
877	1754.00	0.00	0.00	18094.55	18060.47	0.28	18060.75	10.54
878	1756.00	0.00	0.00	18060.47	18026.42	0.28	18026.71	10.54
879	1758.00	0.00	0.00	18026.42	17992.42	0.28	17992.70	10.54
880	1760.00	0.00	0.00	17992.42	17958.46	0.28	17958.74	10.54
881	1762.00	0.00	0.00	17958.46	17924.55	0.28	17924.83	10.54
882	1764.00	0.00	0.00	17924.55	17890.67	0.28	17890.95	10.54
883	1766.00	0.00	0.00	17890.67	17856.84	0.28	17857.12	10.53
884	1768.00	0.00	0.00	17856.84	17823.05	0.28	17823.33	10.53
885	1770.00	0.00	0.00	17823.05	17789.30	0.28	17789.58	10.53
886	1772.00	0.00	0.00	17789.30	17755.59	0.28	17755.87	10.53
887	1774.00	0.00	0.00	17755.59	17721.93	0.28	17722.21	10.53
888	1776.00	0.00	0.00	17721.93	17688.31	0.28	17688.59	10.53
889	1778.00	0.00	0.00	17688.31	17654.73	0.28	17655.01	10.53
890	1780.00	0.00	0.00	17654.73	17621.19	0.28	17621.47	10.53
891	1782.00	0.00	0.00	17621.19	17587.69	0.28	17587.97	10.53
892	1784.00	0.00	0.00	17587.69	17554.24	0.28	17554.51	10.53
893	1786.00	0.00	0.00	17554.24	17520.82	0.28	17521.10	10.52
894	1788.00	0.00	0.00	17520.82	17487.45	0.28	17487.73	10.52
895	1790.00	0.00	0.00	17487.45	17454.12	0.28	17454.40	10.52
896	1792.00	0.00	0.00	17454.12	17420.83	0.28	17421.11	10.52
897	1794.00	0.00	0.00	17420.83	17387.58	0.28	17387.86	10.52
898	1796.00	0.00	0.00	17387.58	17354.37	0.28	17354.65	10.52
899	1798.00	0.00	0.00	17354.37	17321.21	0.28	17321.49	10.52
900	1800.00	0.00	0.00	17321.21	17288.09	0.28	17288.36	10.52
901	1802.00	0.00	0.00	17288.09	17255.00	0.28	17255.28	10.52
902	1804.00	0.00	0.00	17255.00	17221.96	0.28	17222.24	10.52
903	1806.00	0.00	0.00	17221.96	17188.96	0.27	17189.24	10.52
904	1808.00	0.00	0.00	17188.96	17156.00	0.27	17156.28	10.51

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905	1810.00	0.00	0.00	17156.00	17123.08	0.27	17123.36	10.51
906	1812.00	0.00	0.00	17123.08	17090.20	0.27	17090.48	10.51
907	1814.00	0.00	0.00	17090.20	17057.37	0.27	17057.64	10.51
908	1816.00	0.00	0.00	17057.37	17024.57	0.27	17024.85	10.51
909	1818.00	0.00	0.00	17024.57	16991.82	0.27	16992.09	10.51
910	1820.00	0.00	0.00	16991.82	16959.10	0.27	16959.38	10.51
911	1822.00	0.00	0.00	16959.10	16926.43	0.27	16926.70	10.51
912	1824.00	0.00	0.00	16926.43	16893.80	0.27	16894.07	10.51
913	1826.00	0.00	0.00	16893.80	16861.20	0.27	16861.48	10.51
914	1828.00	0.00	0.00	16861.20	16828.65	0.27	16828.92	10.50
915	1830.00	0.00	0.00	16828.65	16796.14	0.27	16796.41	10.50
916	1832.00	0.00	0.00	16796.14	16763.67	0.27	16763.94	10.50
917	1834.00	0.00	0.00	16763.67	16731.24	0.27	16731.51	10.50
918	1836.00	0.00	0.00	16731.24	16698.85	0.27	16699.12	10.50
919	1838.00	0.00	0.00	16698.85	16666.50	0.27	16666.77	10.50
920	1840.00	0.00	0.00	16666.50	16634.21	0.27	16634.47	10.50
921	1842.00	0.00	0.00	16634.21	16601.98	0.27	16602.25	10.50
922	1844.00	0.00	0.00	16601.98	16569.81	0.27	16570.08	10.50
923	1846.00	0.00	0.00	16569.81	16537.72	0.27	16537.98	10.50
924	1848.00	0.00	0.00	16537.72	16505.68	0.27	16505.95	10.50
925	1850.00	0.00	0.00	16505.68	16473.72	0.27	16473.98	10.49
926	1852.00	0.00	0.00	16473.72	16441.81	0.27	16442.08	10.49
927	1854.00	0.00	0.00	16441.81	16409.97	0.27	16410.24	10.49
928	1856.00	0.00	0.00	16409.97	16378.20	0.26	16378.47	10.49
929	1858.00	0.00	0.00	16378.20	16346.49	0.26	16346.76	10.49
930	1860.00	0.00	0.00	16346.49	16314.85	0.26	16315.11	10.49
931	1862.00	0.00	0.00	16314.85	16283.27	0.26	16283.53	10.49
932	1864.00	0.00	0.00	16283.27	16251.75	0.26	16252.02	10.49
933	1866.00	0.00	0.00	16251.75	16220.30	0.26	16220.56	10.49
934	1868.00	0.00	0.00	16220.30	16188.91	0.26	16189.18	10.49
935	1870.00	0.00	0.00	16188.91	16157.59	0.26	16157.85	10.48
936	1872.00	0.00	0.00	16157.59	16126.33	0.26	16126.59	10.48
937	1874.00	0.00	0.00	16126.33	16095.13	0.26	16095.39	10.48
938	1876.00	0.00	0.00	16095.13	16064.00	0.26	16064.26	10.48
939	1878.00	0.00	0.00	16064.00	16032.93	0.26	16033.19	10.48
940	1880.00	0.00	0.00	16032.93	16001.92	0.26	16002.18	10.48
941	1882.00	0.00	0.00	16001.92	15970.98	0.26	15971.24	10.48
942	1884.00	0.00	0.00	15970.98	15940.10	0.26	15940.36	10.48
943	1886.00	0.00	0.00	15940.10	15909.28	0.26	15909.54	10.48
944	1888.00	0.00	0.00	15909.28	15878.53	0.26	15878.78	10.48
945	1890.00	0.00	0.00	15878.53	15847.83	0.26	15848.09	10.48
946	1892.00	0.00	0.00	15847.83	15817.20	0.25	15817.46	10.47
947	1894.00	0.00	0.00	15817.20	15786.63	0.25	15786.89	10.47
948	1896.00	0.00	0.00	15786.63	15756.13	0.25	15756.38	10.47
949	1898.00	0.00	0.00	15756.13	15725.68	0.25	15725.94	10.47
950	1900.00	0.00	0.00	15725.68	15695.30	0.25	15695.55	10.47
951	1902.00	0.00	0.00	15695.30	15664.98	0.25	15665.23	10.47
952	1904.00	0.00	0.00	15664.98	15634.72	0.25	15634.97	10.47

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953	1906.00	0.00	0.00	15634.72	15604.52	0.25	15604.78	10.47
954	1908.00	0.00	0.00	15604.52	15574.39	0.25	15574.64	10.47
955	1910.00	0.00	0.00	15574.39	15544.31	0.25	15544.56	10.47
956	1912.00	0.00	0.00	15544.31	15514.30	0.25	15514.55	10.47
957	1914.00	0.00	0.00	15514.30	15484.35	0.25	15484.60	10.46
958	1916.00	0.00	0.00	15484.35	15454.46	0.25	15454.71	10.46
959	1918.00	0.00	0.00	15454.46	15424.63	0.25	15424.87	10.46
960	1920.00	0.00	0.00	15424.63	15394.86	0.25	15395.10	10.46
961	1922.00	0.00	0.00	15394.86	15365.15	0.25	15365.39	10.46
962	1924.00	0.00	0.00	15365.15	15335.50	0.25	15335.74	10.46
963	1926.00	0.00	0.00	15335.50	15305.91	0.25	15306.15	10.46
964	1928.00	0.00	0.00	15305.91	15276.38	0.25	15276.62	10.46
965	1930.00	0.00	0.00	15276.38	15246.91	0.25	15247.15	10.46
966	1932.00	0.00	0.00	15246.91	15217.50	0.24	15217.74	10.46
967	1934.00	0.00	0.00	15217.50	15188.15	0.24	15188.39	10.46
968	1936.00	0.00	0.00	15188.15	15158.86	0.24	15159.10	10.46
969	1938.00	0.00	0.00	15158.86	15129.63	0.24	15129.87	10.45
970	1940.00	0.00	0.00	15129.63	15100.46	0.24	15100.70	10.45
971	1942.00	0.00	0.00	15100.46	15071.35	0.24	15071.59	10.45
972	1944.00	0.00	0.00	15071.35	15042.30	0.24	15042.54	10.45
973	1946.00	0.00	0.00	15042.30	15013.30	0.24	15013.54	10.45
974	1948.00	0.00	0.00	15013.30	14984.37	0.24	14984.61	10.45
975	1950.00	0.00	0.00	14984.37	14955.49	0.24	14955.73	10.45
976	1952.00	0.00	0.00	14955.49	14926.68	0.24	14926.92	10.45
977	1954.00	0.00	0.00	14926.68	14897.92	0.24	14898.16	10.45
978	1956.00	0.00	0.00	14897.92	14869.22	0.24	14869.46	10.45
979	1958.00	0.00	0.00	14869.22	14840.58	0.24	14840.82	10.45
980	1960.00	0.00	0.00	14840.58	14811.99	0.24	14812.23	10.44
981	1962.00	0.00	0.00	14811.99	14783.47	0.24	14783.71	10.44
982	1964.00	0.00	0.00	14783.47	14755.00	0.24	14755.24	10.44
983	1966.00	0.00	0.00	14755.00	14726.59	0.24	14726.83	10.44
984	1968.00	0.00	0.00	14726.59	14698.24	0.24	14698.48	10.44
985	1970.00	0.00	0.00	14698.24	14669.95	0.24	14670.18	10.44
986	1972.00	0.00	0.00	14669.95	14641.71	0.24	14641.95	10.44
987	1974.00	0.00	0.00	14641.71	14613.53	0.23	14613.77	10.44
988	1976.00	0.00	0.00	14613.53	14585.41	0.23	14585.65	10.44
989	1978.00	0.00	0.00	14585.41	14557.35	0.23	14557.58	10.44
990	1980.00	0.00	0.00	14557.35	14529.34	0.23	14529.57	10.44
991	1982.00	0.00	0.00	14529.34	14501.39	0.23	14501.62	10.44
992	1984.00	0.00	0.00	14501.39	14473.50	0.23	14473.73	10.43
993	1986.00	0.00	0.00	14473.50	14445.66	0.23	14445.89	10.43
994	1988.00	0.00	0.00	14445.66	14417.88	0.23	14418.11	10.43
995	1990.00	0.00	0.00	14417.88	14390.15	0.23	14390.39	10.43
996	1992.00	0.00	0.00	14390.15	14362.49	0.23	14362.72	10.43
997	1994.00	0.00	0.00	14362.49	14334.88	0.23	14335.11	10.43
998	1996.00	0.00	0.00	14334.88	14307.32	0.23	14307.55	10.43
999	1998.00	0.00	0.00	14307.32	14279.82	0.23	14280.05	10.43
1000	2000.00	0.00	0.00	14279.82	14252.38	0.23	14252.61	10.43

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1001	2002.00	0.00	0.00	14252.38	14224.99	0.23	14225.22	10.43
1002	2004.00	0.00	0.00	14224.99	14197.66	0.23	14197.89	10.43
1003	2006.00	0.00	0.00	14197.66	14170.38	0.23	14170.61	10.43
1004	2008.00	0.00	0.00	14170.38	14143.16	0.23	14143.39	10.43
1005	2010.00	0.00	0.00	14143.16	14116.00	0.23	14116.22	10.42
1006	2012.00	0.00	0.00	14116.00	14088.89	0.23	14089.11	10.42
1007	2014.00	0.00	0.00	14088.89	14061.83	0.23	14062.06	10.42
1008	2016.00	0.00	0.00	14061.83	14034.83	0.22	14035.05	10.42
1009	2018.00	0.00	0.00	14034.83	14007.88	0.22	14008.11	10.42
1010	2020.00	0.00	0.00	14007.88	13980.99	0.22	13981.22	10.42
1011	2022.00	0.00	0.00	13980.99	13954.16	0.22	13954.38	10.42
1012	2024.00	0.00	0.00	13954.16	13927.38	0.22	13927.60	10.42
1013	2026.00	0.00	0.00	13927.38	13900.65	0.22	13900.87	10.42
1014	2028.00	0.00	0.00	13900.65	13873.98	0.22	13874.20	10.42
1015	2030.00	0.00	0.00	13873.98	13847.36	0.22	13847.58	10.42
1016	2032.00	0.00	0.00	13847.36	13820.79	0.22	13821.02	10.42
1017	2034.00	0.00	0.00	13820.79	13794.28	0.22	13794.51	10.41
1018	2036.00	0.00	0.00	13794.28	13767.83	0.22	13768.05	10.41
1019	2038.00	0.00	0.00	13767.83	13741.43	0.22	13741.65	10.41
1020	2040.00	0.00	0.00	13741.43	13715.08	0.22	13715.30	10.41
1021	2042.00	0.00	0.00	13715.08	13688.78	0.22	13689.00	10.41
1022	2044.00	0.00	0.00	13688.78	13662.54	0.22	13662.76	10.41
1023	2046.00	0.00	0.00	13662.54	13636.35	0.22	13636.57	10.41
1024	2048.00	0.00	0.00	13636.35	13610.22	0.22	13610.43	10.41
1025	2050.00	0.00	0.00	13610.22	13584.13	0.22	13584.35	10.41
1026	2052.00	0.00	0.00	13584.13	13558.10	0.22	13558.32	10.41
1027	2054.00	0.00	0.00	13558.10	13532.13	0.22	13532.34	10.41
1028	2056.00	0.00	0.00	13532.13	13506.20	0.22	13506.42	10.41
1029	2058.00	0.00	0.00	13506.20	13480.33	0.22	13480.55	10.41
1030	2060.00	0.00	0.00	13480.33	13454.52	0.21	13454.73	10.40
1031	2062.00	0.00	0.00	13454.52	13428.75	0.21	13428.96	10.40
1032	2064.00	0.00	0.00	13428.75	13403.04	0.21	13403.25	10.40
1033	2066.00	0.00	0.00	13403.04	13377.37	0.21	13377.59	10.40
1034	2068.00	0.00	0.00	13377.37	13351.77	0.21	13351.98	10.40
1035	2070.00	0.00	0.00	13351.77	13326.21	0.21	13326.42	10.40
1036	2072.00	0.00	0.00	13326.21	13300.70	0.21	13300.92	10.40
1037	2074.00	0.00	0.00	13300.70	13275.25	0.21	13275.46	10.40
1038	2076.00	0.00	0.00	13275.25	13249.85	0.21	13250.06	10.40
1039	2078.00	0.00	0.00	13249.85	13224.50	0.21	13224.71	10.40
1040	2080.00	0.00	0.00	13224.50	13199.20	0.21	13199.41	10.40
1041	2082.00	0.00	0.00	13199.20	13173.96	0.21	13174.17	10.40
1042	2084.00	0.00	0.00	13173.96	13148.76	0.21	13148.97	10.40
1043	2086.00	0.00	0.00	13148.76	13123.62	0.21	13123.82	10.39
1044	2088.00	0.00	0.00	13123.62	13098.52	0.21	13098.73	10.39
1045	2090.00	0.00	0.00	13098.52	13073.48	0.21	13073.69	10.39
1046	2092.00	0.00	0.00	13073.48	13048.49	0.21	13048.70	10.39
1047	2094.00	0.00	0.00	13048.49	13023.55	0.21	13023.76	10.39
1048	2096.00	0.00	0.00	13023.55	12998.66	0.21	12998.87	10.39

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1049	2098.00	0.00	0.00	12998.66	12973.82	0.21	12974.03	10.39
1050	2100.00	0.00	0.00	12973.82	12949.03	0.21	12949.24	10.39
1051	2102.00	0.00	0.00	12949.03	12924.29	0.21	12924.50	10.39
1052	2104.00	0.00	0.00	12924.29	12899.60	0.21	12899.81	10.39
1053	2106.00	0.00	0.00	12899.60	12874.97	0.21	12875.17	10.39
1054	2108.00	0.00	0.00	12874.97	12850.38	0.20	12850.58	10.39
1055	2110.00	0.00	0.00	12850.38	12825.84	0.20	12826.05	10.39
1056	2112.00	0.00	0.00	12825.84	12801.35	0.20	12801.56	10.39
1057	2114.00	0.00	0.00	12801.35	12776.92	0.20	12777.12	10.38
1058	2116.00	0.00	0.00	12776.92	12752.53	0.20	12752.73	10.38
1059	2118.00	0.00	0.00	12752.53	12728.19	0.20	12728.39	10.38
1060	2120.00	0.00	0.00	12728.19	12703.90	0.20	12704.10	10.38
1061	2122.00	0.00	0.00	12703.90	12679.66	0.20	12679.86	10.38
1062	2124.00	0.00	0.00	12679.66	12655.47	0.20	12655.67	10.38
1063	2126.00	0.00	0.00	12655.47	12631.33	0.20	12631.53	10.38
1064	2128.00	0.00	0.00	12631.33	12607.23	0.20	12607.43	10.38
1065	2130.00	0.00	0.00	12607.23	12583.19	0.20	12583.39	10.38
1066	2132.00	0.00	0.00	12583.19	12559.20	0.20	12559.40	10.38
1067	2134.00	0.00	0.00	12559.20	12535.25	0.20	12535.45	10.38
1068	2136.00	0.00	0.00	12535.25	12511.35	0.20	12511.55	10.38
1069	2138.00	0.00	0.00	12511.35	12487.50	0.20	12487.70	10.38
1070	2140.00	0.00	0.00	12487.50	12463.70	0.20	12463.90	10.38
1071	2142.00	0.00	0.00	12463.70	12439.95	0.20	12440.15	10.37
1072	2144.00	0.00	0.00	12439.95	12416.25	0.20	12416.45	10.37
1073	2146.00	0.00	0.00	12416.25	12392.59	0.20	12392.79	10.37
1074	2148.00	0.00	0.00	12392.59	12368.99	0.20	12369.18	10.37
1075	2150.00	0.00	0.00	12368.99	12345.43	0.20	12345.62	10.37
1076	2152.00	0.00	0.00	12345.43	12321.92	0.20	12322.11	10.37
1077	2154.00	0.00	0.00	12321.92	12298.45	0.20	12298.65	10.37
1078	2156.00	0.00	0.00	12298.45	12275.04	0.19	12275.23	10.37
1079	2158.00	0.00	0.00	12275.04	12251.67	0.19	12251.86	10.37
1080	2160.00	0.00	0.00	12251.67	12228.35	0.19	12228.54	10.37
1081	2162.00	0.00	0.00	12228.35	12205.07	0.19	12205.27	10.37
1082	2164.00	0.00	0.00	12205.07	12181.85	0.19	12182.04	10.37
1083	2166.00	0.00	0.00	12181.85	12158.67	0.19	12158.86	10.37
1084	2168.00	0.00	0.00	12158.67	12135.54	0.19	12135.73	10.37
1085	2170.00	0.00	0.00	12135.54	12112.45	0.19	12112.64	10.36
1086	2172.00	0.00	0.00	12112.45	12089.41	0.19	12089.61	10.36
1087	2174.00	0.00	0.00	12089.41	12066.42	0.19	12066.61	10.36
1088	2176.00	0.00	0.00	12066.42	12043.48	0.19	12043.67	10.36
1089	2178.00	0.00	0.00	12043.48	12020.58	0.19	12020.77	10.36
1090	2180.00	0.00	0.00	12020.58	11997.73	0.19	11997.92	10.36
1091	2182.00	0.00	0.00	11997.73	11974.93	0.19	11975.12	10.36
1092	2184.00	0.00	0.00	11974.93	11952.17	0.19	11952.36	10.36
1093	2186.00	0.00	0.00	11952.17	11929.46	0.19	11929.64	10.36
1094	2188.00	0.00	0.00	11929.46	11906.79	0.19	11906.98	10.36
1095	2190.00	0.00	0.00	11906.79	11884.17	0.19	11884.36	10.36
1096	2192.00	0.00	0.00	11884.17	11861.60	0.19	11861.78	10.36

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1097	2194.00	0.00	0.00	11861.60	11839.07	0.19	11839.26	10.36
1098	2196.00	0.00	0.00	11839.07	11816.59	0.19	11816.77	10.36
1099	2198.00	0.00	0.00	11816.59	11794.15	0.19	11794.34	10.36
1100	2200.00	0.00	0.00	11794.15	11771.76	0.19	11771.95	10.35
1101	2202.00	0.00	0.00	11771.76	11749.41	0.19	11749.60	10.35
1102	2204.00	0.00	0.00	11749.41	11727.11	0.19	11727.30	10.35
1103	2206.00	0.00	0.00	11727.11	11704.86	0.19	11705.04	10.35
1104	2208.00	0.00	0.00	11704.86	11682.65	0.18	11682.84	10.35
1105	2210.00	0.00	0.00	11682.65	11660.49	0.18	11660.67	10.35
1106	2212.00	0.00	0.00	11660.49	11638.37	0.18	11638.55	10.35
1107	2214.00	0.00	0.00	11638.37	11616.29	0.18	11616.48	10.35
1108	2216.00	0.00	0.00	11616.29	11594.26	0.18	11594.45	10.35
1109	2218.00	0.00	0.00	11594.26	11572.28	0.18	11572.46	10.35
1110	2220.00	0.00	0.00	11572.28	11550.34	0.18	11550.52	10.35
1111	2222.00	0.00	0.00	11550.34	11528.44	0.18	11528.63	10.35
1112	2224.00	0.00	0.00	11528.44	11506.59	0.18	11506.78	10.35
1113	2226.00	0.00	0.00	11506.59	11484.79	0.18	11484.97	10.35
1114	2228.00	0.00	0.00	11484.79	11463.03	0.18	11463.21	10.35
1115	2230.00	0.00	0.00	11463.03	11441.31	0.18	11441.49	10.34
1116	2232.00	0.00	0.00	11441.31	11419.63	0.18	11419.81	10.34
1117	2234.00	0.00	0.00	11419.63	11398.00	0.18	11398.18	10.34
1118	2236.00	0.00	0.00	11398.00	11376.42	0.18	11376.60	10.34
1119	2238.00	0.00	0.00	11376.42	11354.88	0.18	11355.06	10.34
1120	2240.00	0.00	0.00	11354.88	11333.38	0.18	11333.56	10.34
1121	2242.00	0.00	0.00	11333.38	11311.92	0.18	11312.10	10.34
1122	2244.00	0.00	0.00	11311.92	11290.51	0.18	11290.69	10.34
1123	2246.00	0.00	0.00	11290.51	11269.15	0.18	11269.32	10.34
1124	2248.00	0.00	0.00	11269.15	11247.82	0.18	11248.00	10.34
1125	2250.00	0.00	0.00	11247.82	11226.54	0.18	11226.72	10.34
1126	2252.00	0.00	0.00	11226.54	11205.31	0.18	11205.48	10.34
1127	2254.00	0.00	0.00	11205.31	11184.11	0.18	11184.29	10.34
1128	2256.00	0.00	0.00	11184.11	11162.96	0.18	11163.14	10.34
1129	2258.00	0.00	0.00	11162.96	11141.85	0.18	11142.03	10.34
1130	2260.00	0.00	0.00	11141.85	11120.79	0.18	11120.96	10.34
1131	2262.00	0.00	0.00	11120.79	11099.77	0.18	11099.94	10.33
1132	2264.00	0.00	0.00	11099.77	11078.79	0.17	11078.96	10.33
1133	2266.00	0.00	0.00	11078.79	11057.85	0.17	11058.02	10.33
1134	2268.00	0.00	0.00	11057.85	11036.96	0.17	11037.13	10.33
1135	2270.00	0.00	0.00	11036.96	11016.10	0.17	11016.28	10.33
1136	2272.00	0.00	0.00	11016.10	10995.30	0.17	10995.47	10.33
1137	2274.00	0.00	0.00	10995.30	10974.53	0.17	10974.70	10.33
1138	2276.00	0.00	0.00	10974.53	10953.80	0.17	10953.98	10.33
1139	2278.00	0.00	0.00	10953.80	10933.12	0.17	10933.29	10.33
1140	2280.00	0.00	0.00	10933.12	10912.48	0.17	10912.65	10.33
1141	2282.00	0.00	0.00	10912.48	10891.88	0.17	10892.05	10.33
1142	2284.00	0.00	0.00	10891.88	10871.32	0.17	10871.50	10.33
1143	2286.00	0.00	0.00	10871.32	10850.81	0.17	10850.98	10.33
1144	2288.00	0.00	0.00	10850.81	10830.34	0.17	10830.51	10.33

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1145	2290.00	0.00	0.00	10830.34	10809.90	0.17	10810.07	10.33
1146	2292.00	0.00	0.00	10809.90	10789.51	0.17	10789.68	10.33
1147	2294.00	0.00	0.00	10789.51	10769.17	0.17	10769.34	10.33
1148	2296.00	0.00	0.00	10769.17	10748.86	0.17	10749.03	10.32
1149	2298.00	0.00	0.00	10748.86	10728.59	0.17	10728.76	10.32
1150	2300.00	0.00	0.00	10728.59	10708.37	0.17	10708.54	10.32
1151	2302.00	0.00	0.00	10708.37	10688.18	0.17	10688.35	10.32
1152	2304.00	0.00	0.00	10688.18	10668.04	0.17	10668.21	10.32
1153	2306.00	0.00	0.00	10668.04	10647.94	0.17	10648.11	10.32
1154	2308.00	0.00	0.00	10647.94	10627.88	0.17	10628.05	10.32
1155	2310.00	0.00	0.00	10627.88	10607.86	0.17	10608.02	10.32
1156	2312.00	0.00	0.00	10607.86	10587.88	0.17	10588.04	10.32
1157	2314.00	0.00	0.00	10587.88	10567.94	0.17	10568.11	10.32
1158	2316.00	0.00	0.00	10567.94	10548.04	0.17	10548.21	10.32
1159	2318.00	0.00	0.00	10548.04	10528.18	0.17	10528.35	10.32
1160	2320.00	0.00	0.00	10528.18	10508.37	0.16	10508.53	10.32
1161	2322.00	0.00	0.00	10508.37	10488.59	0.16	10488.75	10.32
1162	2324.00	0.00	0.00	10488.59	10468.85	0.16	10469.02	10.32
1163	2326.00	0.00	0.00	10468.85	10449.15	0.16	10449.32	10.32
1164	2328.00	0.00	0.00	10449.15	10429.50	0.16	10429.66	10.31
1165	2330.00	0.00	0.00	10429.50	10409.88	0.16	10410.04	10.31
1166	2332.00	0.00	0.00	10409.88	10390.30	0.16	10390.47	10.31
1167	2334.00	0.00	0.00	10390.30	10370.77	0.16	10370.93	10.31
1168	2336.00	0.00	0.00	10370.77	10351.27	0.16	10351.43	10.31
1169	2338.00	0.00	0.00	10351.27	10331.81	0.16	10331.97	10.31
1170	2340.00	0.00	0.00	10331.81	10312.39	0.16	10312.55	10.31
1171	2342.00	0.00	0.00	10312.39	10293.01	0.16	10293.17	10.31
1172	2344.00	0.00	0.00	10293.01	10273.67	0.16	10273.84	10.31
1173	2346.00	0.00	0.00	10273.67	10254.37	0.16	10254.53	10.31
1174	2348.00	0.00	0.00	10254.37	10235.11	0.16	10235.27	10.31
1175	2350.00	0.00	0.00	10235.11	10215.89	0.16	10216.05	10.31
1176	2352.00	0.00	0.00	10215.89	10196.71	0.16	10196.87	10.31
1177	2354.00	0.00	0.00	10196.71	10177.56	0.16	10177.72	10.31
1178	2356.00	0.00	0.00	10177.56	10158.46	0.16	10158.62	10.31
1179	2358.00	0.00	0.00	10158.46	10139.39	0.16	10139.55	10.31
1180	2360.00	0.00	0.00	10139.39	10120.37	0.16	10120.52	10.31
1181	2362.00	0.00	0.00	10120.37	10101.38	0.16	10101.54	10.31
1182	2364.00	0.00	0.00	10101.38	10082.43	0.16	10082.59	10.30
1183	2366.00	0.00	0.00	10082.43	10063.52	0.16	10063.67	10.30
1184	2368.00	0.00	0.00	10063.52	10044.64	0.16	10044.80	10.30
1185	2370.00	0.00	0.00	10044.64	10025.81	0.16	10025.97	10.30
1186	2372.00	0.00	0.00	10025.81	10007.01	0.16	10007.17	10.30
1187	2374.00	0.00	0.00	10007.01	9988.25	0.16	9988.41	10.30
1188	2376.00	0.00	0.00	9988.25	9969.53	0.16	9969.69	10.30
1189	2378.00	0.00	0.00	9969.53	9950.85	0.16	9951.01	10.30
1190	2380.00	0.00	0.00	9950.85	9932.21	0.16	9932.36	10.30
1191	2382.00	0.00	0.00	9932.21	9913.60	0.15	9913.76	10.30
1192	2384.00	0.00	0.00	9913.60	9895.03	0.15	9895.19	10.30

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1193	2386.00	0.00	0.00	9895.03	9876.50	0.15	9876.66	10.30
1194	2388.00	0.00	0.00	9876.50	9858.01	0.15	9858.16	10.30
1195	2390.00	0.00	0.00	9858.01	9839.55	0.15	9839.71	10.30
1196	2392.00	0.00	0.00	9839.55	9821.14	0.15	9821.29	10.30
1197	2394.00	0.00	0.00	9821.14	9802.76	0.15	9802.91	10.30
1198	2396.00	0.00	0.00	9802.76	9784.41	0.15	9784.57	10.30
1199	2398.00	0.00	0.00	9784.41	9766.11	0.15	9766.26	10.30
1200	2400.00	0.00	0.00	9766.11	9747.84	0.15	9747.99	10.29
1201	2402.00	0.00	0.00	9747.84	9729.61	0.15	9729.76	10.29
1202	2404.00	0.00	0.00	9729.61	9711.41	0.15	9711.57	10.29
1203	2406.00	0.00	0.00	9711.41	9693.26	0.15	9693.41	10.29
1204	2408.00	0.00	0.00	9693.26	9675.14	0.15	9675.29	10.29
1205	2410.00	0.00	0.00	9675.14	9657.05	0.15	9657.20	10.29
1206	2412.00	0.00	0.00	9657.05	9639.01	0.15	9639.16	10.29
1207	2414.00	0.00	0.00	9639.01	9621.00	0.15	9621.15	10.29
1208	2416.00	0.00	0.00	9621.00	9603.02	0.15	9603.17	10.29
1209	2418.00	0.00	0.00	9603.02	9585.09	0.15	9585.23	10.29
1210	2420.00	0.00	0.00	9585.09	9567.18	0.15	9567.33	10.29
1211	2422.00	0.00	0.00	9567.18	9549.32	0.15	9549.47	10.29
1212	2424.00	0.00	0.00	9549.32	9531.49	0.15	9531.64	10.29
1213	2426.00	0.00	0.00	9531.49	9513.70	0.15	9513.85	10.29
1214	2428.00	0.00	0.00	9513.70	9495.95	0.15	9496.09	10.29
1215	2430.00	0.00	0.00	9495.95	9478.23	0.15	9478.37	10.29
1216	2432.00	0.00	0.00	9478.23	9460.54	0.15	9460.69	10.29
1217	2434.00	0.00	0.00	9460.54	9442.90	0.15	9443.04	10.29
1218	2436.00	0.00	0.00	9442.90	9425.28	0.15	9425.43	10.29
1219	2438.00	0.00	0.00	9425.28	9407.71	0.15	9407.85	10.28
1220	2440.00	0.00	0.00	9407.71	9390.17	0.15	9390.31	10.28
1221	2442.00	0.00	0.00	9390.17	9372.66	0.15	9372.81	10.28
1222	2444.00	0.00	0.00	9372.66	9355.19	0.15	9355.34	10.28
1223	2446.00	0.00	0.00	9355.19	9337.76	0.15	9337.91	10.28
1224	2448.00	0.00	0.00	9337.76	9320.36	0.14	9320.51	10.28
1225	2450.00	0.00	0.00	9320.36	9303.00	0.14	9303.15	10.28
1226	2452.00	0.00	0.00	9303.00	9285.67	0.14	9285.82	10.28
1227	2454.00	0.00	0.00	9285.67	9268.38	0.14	9268.53	10.28
1228	2456.00	0.00	0.00	9268.38	9251.13	0.14	9251.27	10.28
1229	2458.00	0.00	0.00	9251.13	9233.90	0.14	9234.05	10.28
1230	2460.00	0.00	0.00	9233.90	9216.72	0.14	9216.86	10.28
1231	2462.00	0.00	0.00	9216.72	9199.57	0.14	9199.71	10.28
1232	2464.00	0.00	0.00	9199.57	9182.45	0.14	9182.59	10.28
1233	2466.00	0.00	0.00	9182.45	9165.37	0.14	9165.51	10.28
1234	2468.00	0.00	0.00	9165.37	9148.32	0.14	9148.46	10.28
1235	2470.00	0.00	0.00	9148.32	9131.31	0.14	9131.45	10.28
1236	2472.00	0.00	0.00	9131.31	9114.33	0.14	9114.47	10.28
1237	2474.00	0.00	0.00	9114.33	9097.38	0.14	9097.53	10.28
1238	2476.00	0.00	0.00	9097.38	9080.48	0.14	9080.62	10.27
1239	2478.00	0.00	0.00	9080.48	9063.60	0.14	9063.74	10.27
1240	2480.00	0.00	0.00	9063.60	9046.76	0.14	9046.90	10.27

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1241	2482.00	0.00	0.00	9046.76	9029.95	0.14	9030.09	10.27
1242	2484.00	0.00	0.00	9029.95	9013.18	0.14	9013.32	10.27
1243	2486.00	0.00	0.00	9013.18	8996.44	0.14	8996.58	10.27
1244	2488.00	0.00	0.00	8996.44	8979.74	0.14	8979.88	10.27
1245	2490.00	0.00	0.00	8979.74	8963.07	0.14	8963.21	10.27
1246	2492.00	0.00	0.00	8963.07	8946.43	0.14	8946.57	10.27
1247	2494.00	0.00	0.00	8946.43	8929.83	0.14	8929.97	10.27
1248	2496.00	0.00	0.00	8929.83	8913.26	0.14	8913.40	10.27
1249	2498.00	0.00	0.00	8913.26	8896.73	0.14	8896.86	10.27
1250	2500.00	0.00	0.00	8896.73	8880.23	0.14	8880.36	10.27
1251	2502.00	0.00	0.00	8880.23	8863.76	0.14	8863.89	10.27
1252	2504.00	0.00	0.00	8863.76	8847.32	0.14	8847.46	10.27
1253	2506.00	0.00	0.00	8847.32	8830.92	0.14	8831.06	10.27
1254	2508.00	0.00	0.00	8830.92	8814.55	0.14	8814.69	10.27
1255	2510.00	0.00	0.00	8814.55	8798.22	0.14	8798.36	10.27
1256	2512.00	0.00	0.00	8798.22	8781.92	0.14	8782.05	10.27
1257	2514.00	0.00	0.00	8781.92	8765.65	0.14	8765.79	10.27
1258	2516.00	0.00	0.00	8765.65	8749.42	0.14	8749.55	10.27
1259	2518.00	0.00	0.00	8749.42	8733.21	0.13	8733.35	10.26
1260	2520.00	0.00	0.00	8733.21	8717.05	0.13	8717.18	10.26
1261	2522.00	0.00	0.00	8717.05	8700.91	0.13	8701.04	10.26
1262	2524.00	0.00	0.00	8700.91	8684.81	0.13	8684.94	10.26
1263	2526.00	0.00	0.00	8684.81	8668.74	0.13	8668.87	10.26
1264	2528.00	0.00	0.00	8668.74	8652.70	0.13	8652.83	10.26
1265	2530.00	0.00	0.00	8652.70	8636.69	0.13	8636.83	10.26
1266	2532.00	0.00	0.00	8636.69	8620.72	0.13	8620.85	10.26
1267	2534.00	0.00	0.00	8620.72	8604.78	0.13	8604.91	10.26
1268	2536.00	0.00	0.00	8604.78	8588.87	0.13	8589.00	10.26
1269	2538.00	0.00	0.00	8588.87	8573.00	0.13	8573.13	10.26
1270	2540.00	0.00	0.00	8573.00	8557.15	0.13	8557.28	10.26
1271	2542.00	0.00	0.00	8557.15	8541.34	0.13	8541.47	10.26
1272	2544.00	0.00	0.00	8541.34	8525.56	0.13	8525.69	10.26
1273	2546.00	0.00	0.00	8525.56	8509.82	0.13	8509.95	10.26
1274	2548.00	0.00	0.00	8509.82	8494.10	0.13	8494.23	10.26
1275	2550.00	0.00	0.00	8494.10	8478.42	0.13	8478.55	10.26
1276	2552.00	0.00	0.00	8478.42	8462.77	0.13	8462.90	10.26
1277	2554.00	0.00	0.00	8462.77	8447.15	0.13	8447.28	10.26
1278	2556.00	0.00	0.00	8447.15	8431.56	0.13	8431.69	10.26
1279	2558.00	0.00	0.00	8431.56	8416.00	0.13	8416.13	10.26
1280	2560.00	0.00	0.00	8416.00	8400.48	0.13	8400.61	10.25
1281	2562.00	0.00	0.00	8400.48	8384.99	0.13	8385.12	10.25
1282	2564.00	0.00	0.00	8384.99	8369.53	0.13	8369.65	10.25
1283	2566.00	0.00	0.00	8369.53	8354.10	0.13	8354.22	10.25
1284	2568.00	0.00	0.00	8354.10	8338.70	0.13	8338.83	10.25
1285	2570.00	0.00	0.00	8338.70	8323.33	0.13	8323.46	10.25
1286	2572.00	0.00	0.00	8323.33	8307.99	0.13	8308.12	10.25
1287	2574.00	0.00	0.00	8307.99	8292.69	0.13	8292.82	10.25
1288	2576.00	0.00	0.00	8292.69	8277.42	0.13	8277.54	10.25

User Name: Willie Hall

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1289	2578.00	0.00	0.00	8277.42	8262.17	0.13	8262.30	10.25
1290	2580.00	0.00	0.00	8262.17	8246.96	0.13	8247.09	10.25
1291	2582.00	0.00	0.00	8246.96	8231.78	0.13	8231.91	10.25
1292	2584.00	0.00	0.00	8231.78	8216.63	0.13	8216.75	10.25
1293	2586.00	0.00	0.00	8216.63	8201.50	0.13	8201.63	10.25
1294	2588.00	0.00	0.00	8201.50	8186.41	0.13	8186.53	10.25
1295	2590.00	0.00	0.00	8186.41	8171.34	0.13	8171.46	10.25
1296	2592.00	0.00	0.00	8171.34	8156.30	0.13	8156.42	10.25
1297	2594.00	0.00	0.00	8156.30	8141.28	0.12	8141.41	10.25
1298	2596.00	0.00	0.00	8141.28	8126.30	0.12	8126.42	10.25
1299	2598.00	0.00	0.00	8126.30	8111.34	0.12	8111.46	10.25
1300	2600.00	0.00	0.00	8111.34	8096.41	0.12	8096.53	10.25
1301	2602.00	0.00	0.00	8096.41	8081.51	0.12	8081.63	10.25
1302	2604.00	0.00	0.00	8081.51	8066.63	0.12	8066.75	10.24
1303	2606.00	0.00	0.00	8066.63	8051.78	0.12	8051.90	10.24
1304	2608.00	0.00	0.00	8051.78	8036.96	0.12	8037.08	10.24
1305	2610.00	0.00	0.00	8036.96	8022.17	0.12	8022.29	10.24
1306	2612.00	0.00	0.00	8022.17	8007.40	0.12	8007.52	10.24
1307	2614.00	0.00	0.00	8007.40	7992.66	0.12	7992.78	10.24
1308	2616.00	0.00	0.00	7992.66	7977.95	0.12	7978.07	10.24
1309	2618.00	0.00	0.00	7977.95	7963.26	0.12	7963.38	10.24
1310	2620.00	0.00	0.00	7963.26	7948.60	0.12	7948.73	10.24
1311	2622.00	0.00	0.00	7948.60	7933.97	0.12	7934.09	10.24
1312	2624.00	0.00	0.00	7933.97	7919.37	0.12	7919.49	10.24
1313	2626.00	0.00	0.00	7919.37	7904.79	0.12	7904.91	10.24
1314	2628.00	0.00	0.00	7904.79	7890.24	0.12	7890.36	10.24
1315	2630.00	0.00	0.00	7890.24	7875.72	0.12	7875.84	10.24
1316	2632.00	0.00	0.00	7875.72	7861.22	0.12	7861.34	10.24
1317	2634.00	0.00	0.00	7861.22	7846.75	0.12	7846.87	10.24
1318	2636.00	0.00	0.00	7846.75	7832.31	0.12	7832.43	10.24
1319	2638.00	0.00	0.00	7832.31	7817.89	0.12	7818.01	10.24
1320	2640.00	0.00	0.00	7817.89	7803.50	0.12	7803.62	10.24
1321	2642.00	0.00	0.00	7803.50	7789.13	0.12	7789.25	10.24
1322	2644.00	0.00	0.00	7789.13	7774.80	0.12	7774.91	10.24
1323	2646.00	0.00	0.00	7774.80	7760.48	0.12	7760.60	10.24
1324	2648.00	0.00	0.00	7760.48	7746.20	0.12	7746.32	10.24
1325	2650.00	0.00	0.00	7746.20	7731.94	0.12	7732.06	10.23
1326	2652.00	0.00	0.00	7731.94	7717.71	0.12	7717.83	10.23
1327	2654.00	0.00	0.00	7717.71	7703.50	0.12	7703.62	10.23
1328	2656.00	0.00	0.00	7703.50	7689.32	0.12	7689.44	10.23
1329	2658.00	0.00	0.00	7689.32	7675.17	0.12	7675.29	10.23
1330	2660.00	0.00	0.00	7675.17	7661.04	0.12	7661.16	10.23
1331	2662.00	0.00	0.00	7661.04	7646.94	0.12	7647.06	10.23
1332	2664.00	0.00	0.00	7646.94	7632.86	0.12	7632.98	10.23
1333	2666.00	0.00	0.00	7632.86	7618.81	0.12	7618.93	10.23
1334	2668.00	0.00	0.00	7618.81	7604.79	0.12	7604.90	10.23
1335	2670.00	0.00	0.00	7604.79	7590.79	0.12	7590.91	10.23
1336	2672.00	0.00	0.00	7590.79	7576.82	0.12	7576.93	10.23

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1337	2674.00	0.00	0.00	7576.82	7562.87	0.12	7562.99	10.23
1338	2676.00	0.00	0.00	7562.87	7548.95	0.12	7549.06	10.23
1339	2678.00	0.00	0.00	7548.95	7535.05	0.12	7535.17	10.23
1340	2680.00	0.00	0.00	7535.05	7521.18	0.12	7521.30	10.23
1341	2682.00	0.00	0.00	7521.18	7507.34	0.12	7507.45	10.23
1342	2684.00	0.00	0.00	7507.34	7493.52	0.12	7493.63	10.23
1343	2686.00	0.00	0.00	7493.52	7479.73	0.11	7479.84	10.23
1344	2688.00	0.00	0.00	7479.73	7465.96	0.11	7466.07	10.23
1345	2690.00	0.00	0.00	7465.96	7452.22	0.11	7452.33	10.23
1346	2692.00	0.00	0.00	7452.22	7438.50	0.11	7438.61	10.23
1347	2694.00	0.00	0.00	7438.50	7424.81	0.11	7424.92	10.23
1348	2696.00	0.00	0.00	7424.81	7411.14	0.11	7411.25	10.22
1349	2698.00	0.00	0.00	7411.14	7397.50	0.11	7397.61	10.22
1350	2700.00	0.00	0.00	7397.50	7383.88	0.11	7383.99	10.22
1351	2702.00	0.00	0.00	7383.88	7370.29	0.11	7370.40	10.22
1352	2704.00	0.00	0.00	7370.29	7356.72	0.11	7356.83	10.22
1353	2706.00	0.00	0.00	7356.72	7343.18	0.11	7343.29	10.22
1354	2708.00	0.00	0.00	7343.18	7329.66	0.11	7329.78	10.22
1355	2710.00	0.00	0.00	7329.66	7316.17	0.11	7316.28	10.22
1356	2712.00	0.00	0.00	7316.17	7302.70	0.11	7302.82	10.22
1357	2714.00	0.00	0.00	7302.70	7289.26	0.11	7289.37	10.22
1358	2716.00	0.00	0.00	7289.26	7275.84	0.11	7275.96	10.22
1359	2718.00	0.00	0.00	7275.84	7262.45	0.11	7262.56	10.22
1360	2720.00	0.00	0.00	7262.45	7249.08	0.11	7249.19	10.22
1361	2722.00	0.00	0.00	7249.08	7235.74	0.11	7235.85	10.22
1362	2724.00	0.00	0.00	7235.74	7222.42	0.11	7222.53	10.22
1363	2726.00	0.00	0.00	7222.42	7209.13	0.11	7209.24	10.22
1364	2728.00	0.00	0.00	7209.13	7195.86	0.11	7195.97	10.22
1365	2730.00	0.00	0.00	7195.86	7182.61	0.11	7182.72	10.22
1366	2732.00	0.00	0.00	7182.61	7169.39	0.11	7169.50	10.22
1367	2734.00	0.00	0.00	7169.39	7156.19	0.11	7156.30	10.22
1368	2736.00	0.00	0.00	7156.19	7143.02	0.11	7143.13	10.22
1369	2738.00	0.00	0.00	7143.02	7129.87	0.11	7129.98	10.22
1370	2740.00	0.00	0.00	7129.87	7116.75	0.11	7116.86	10.22
1371	2742.00	0.00	0.00	7116.75	7103.65	0.11	7103.76	10.22
1372	2744.00	0.00	0.00	7103.65	7090.57	0.11	7090.68	10.22
1373	2746.00	0.00	0.00	7090.57	7077.52	0.11	7077.63	10.21
1374	2748.00	0.00	0.00	7077.52	7064.49	0.11	7064.60	10.21
1375	2750.00	0.00	0.00	7064.49	7051.49	0.11	7051.60	10.21
1376	2752.00	0.00	0.00	7051.49	7038.51	0.11	7038.62	10.21
1377	2754.00	0.00	0.00	7038.51	7025.55	0.11	7025.66	10.21
1378	2756.00	0.00	0.00	7025.55	7012.62	0.11	7012.73	10.21
1379	2758.00	0.00	0.00	7012.62	6999.71	0.11	6999.82	10.21
1380	2760.00	0.00	0.00	6999.71	6986.83	0.11	6986.93	10.21
1381	2762.00	0.00	0.00	6986.83	6973.97	0.11	6974.07	10.21
1382	2764.00	0.00	0.00	6973.97	6961.13	0.11	6961.24	10.21
1383	2766.00	0.00	0.00	6961.13	6948.31	0.11	6948.42	10.21
1384	2768.00	0.00	0.00	6948.31	6935.52	0.11	6935.63	10.21

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1385	2770.00	0.00	0.00	6935.52	6922.76	0.11	6922.86	10.21
1386	2772.00	0.00	0.00	6922.76	6910.02	0.11	6910.12	10.21
1387	2774.00	0.00	0.00	6910.02	6897.30	0.11	6897.40	10.21
1388	2776.00	0.00	0.00	6897.30	6884.60	0.11	6884.71	10.21
1389	2778.00	0.00	0.00	6884.60	6871.93	0.11	6872.03	10.21
1390	2780.00	0.00	0.00	6871.93	6859.28	0.11	6859.38	10.21
1391	2782.00	0.00	0.00	6859.28	6846.65	0.11	6846.76	10.21
1392	2784.00	0.00	0.00	6846.65	6834.05	0.10	6834.15	10.21
1393	2786.00	0.00	0.00	6834.05	6821.47	0.10	6821.57	10.21
1394	2788.00	0.00	0.00	6821.47	6808.91	0.10	6809.02	10.21
1395	2790.00	0.00	0.00	6808.91	6796.38	0.10	6796.48	10.21
1396	2792.00	0.00	0.00	6796.38	6783.87	0.10	6783.97	10.21
1397	2794.00	0.00	0.00	6783.87	6771.38	0.10	6771.49	10.21
1398	2796.00	0.00	0.00	6771.38	6758.92	0.10	6759.02	10.21
1399	2798.00	0.00	0.00	6758.92	6746.48	0.10	6746.58	10.20
1400	2800.00	0.00	0.00	6746.48	6734.06	0.10	6734.16	10.20
1401	2802.00	0.00	0.00	6734.06	6721.66	0.10	6721.77	10.20
1402	2804.00	0.00	0.00	6721.66	6709.29	0.10	6709.39	10.20
1403	2806.00	0.00	0.00	6709.29	6696.94	0.10	6697.04	10.20
1404	2808.00	0.00	0.00	6696.94	6684.61	0.10	6684.71	10.20
1405	2810.00	0.00	0.00	6684.61	6672.31	0.10	6672.41	10.20
1406	2812.00	0.00	0.00	6672.31	6660.03	0.10	6660.13	10.20
1407	2814.00	0.00	0.00	6660.03	6647.77	0.10	6647.87	10.20
1408	2816.00	0.00	0.00	6647.77	6635.53	0.10	6635.63	10.20
1409	2818.00	0.00	0.00	6635.53	6623.32	0.10	6623.42	10.20
1410	2820.00	0.00	0.00	6623.32	6611.12	0.10	6611.22	10.20
1411	2822.00	0.00	0.00	6611.12	6598.95	0.10	6599.06	10.20
1412	2824.00	0.00	0.00	6598.95	6586.81	0.10	6586.91	10.20
1413	2826.00	0.00	0.00	6586.81	6574.68	0.10	6574.78	10.20
1414	2828.00	0.00	0.00	6574.68	6562.58	0.10	6562.68	10.20
1415	2830.00	0.00	0.00	6562.58	6550.50	0.10	6550.60	10.20
1416	2832.00	0.00	0.00	6550.50	6538.44	0.10	6538.54	10.20
1417	2834.00	0.00	0.00	6538.44	6526.41	0.10	6526.51	10.20
1418	2836.00	0.00	0.00	6526.41	6514.39	0.10	6514.49	10.20
1419	2838.00	0.00	0.00	6514.39	6502.40	0.10	6502.50	10.20
1420	2840.00	0.00	0.00	6502.40	6490.43	0.10	6490.53	10.20
1421	2842.00	0.00	0.00	6490.43	6478.49	0.10	6478.59	10.20
1422	2844.00	0.00	0.00	6478.49	6466.56	0.10	6466.66	10.20
1423	2846.00	0.00	0.00	6466.56	6454.66	0.10	6454.76	10.20
1424	2848.00	0.00	0.00	6454.66	6442.78	0.10	6442.88	10.20
1425	2850.00	0.00	0.00	6442.78	6430.92	0.10	6431.02	10.20
1426	2852.00	0.00	0.00	6430.92	6419.08	0.10	6419.18	10.19
1427	2854.00	0.00	0.00	6419.08	6407.26	0.10	6407.36	10.19
1428	2856.00	0.00	0.00	6407.26	6395.47	0.10	6395.57	10.19
1429	2858.00	0.00	0.00	6395.47	6383.70	0.10	6383.80	10.19
1430	2860.00	0.00	0.00	6383.70	6371.95	0.10	6372.04	10.19
1431	2862.00	0.00	0.00	6371.95	6360.22	0.10	6360.32	10.19
1432	2864.00	0.00	0.00	6360.22	6348.51	0.10	6348.61	10.19

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FLOOD HYDROGRAPH REPORT

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1433	2866.00	0.00	0.00	6348.51	6336.82	0.10	6336.92	10.19
1434	2868.00	0.00	0.00	6336.82	6325.16	0.10	6325.26	10.19
1435	2870.00	0.00	0.00	6325.16	6313.52	0.10	6313.61	10.19
1436	2872.00	0.00	0.00	6313.52	6301.90	0.10	6301.99	10.19
1437	2874.00	0.00	0.00	6301.90	6290.30	0.10	6290.39	10.19
1438	2876.00	0.00	0.00	6290.30	6278.72	0.10	6278.81	10.19
1439	2878.00	0.00	0.00	6278.72	6267.16	0.10	6267.26	10.19
1440	2880.00	0.00	0.00	6267.16	6255.62	0.10	6255.72	10.19

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 46
 Name: Pond 2 - 1-1/4" WQ Storm
 Type: Computed Flood

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 10.69 (cfs)
 Time to Peak (Tp) = 720.00 (min)
 Time of Base (Tb) = 1472.39 (min)
 Volume = 0.63 (ac-ft)
 Time Step = 2.00 (min)
 Flow Multiplier = 1.00

[UNIT HYDROGRAPH INFORMATION]

Number = 1
 Type = SCS Curvilinear
 Peak Flow (Qp) = 170.16 (cfs)
 Time to Peak (Tp) = 6.67 (min)
 Time of Base (Tb) = 33.33 (min)
 Volume = 2.09 (ac-ft)
 Shape Factor = 484.00
 Time Step = 2.00 (min)
 Excess Rain = 1.00 (in)
 Lag Time = 6.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Homesteads Lots	19.17	86
Pavement	0.69	98
Grass - Good Condition	3.60	68
Water	1.54	98
Overall Approximation	25.00	85

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc) = 10.00 (min)

[RAINFALL DESCRIPTION]

Distribution Type = SCS II
 Total Precipitation = 1.25 (in)
 Return Period = 2 (yr)
 Storm Duration = 24.00 (hr)

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 48

Name: Pond 2 - 0.5" Direct WQ Storm

Type: Computed Flood

[HYDROGRAPH INFORMATION]

Peak Flow (Qp)

= 18.79 (cfs)

Time to Peak (Tp)

= 720.00 (min)

Time of Base (Tb)

= 1472.39 (min)

Volume

= 1.05 (ac-ft)

Time Step

= 2.00 (min)

Flow Multiplier

= 1.00

[UNIT HYDROGRAPH INFORMATION]

Number

= 1

Type

= SCS Curvilinear

Peak Flow (Qp)

= 170.16 (cfs)

Time to Peak (Tp)

= 6.67 (min)

Time of Base (Tb)

= 33.33 (min)

Volume

= 2.09 (ac-ft)

Shape Factor

= 484.00

Time Step:

= 2.00 (min)

Excess Rain

= 1.00 (in)

Lag Time

= 6.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Homesteads Lots	19.17	86
Pavement	0.69	98
Grass - Good Condition	3.60	68
Water	1.54	98
Overall Approximation	25.00	85

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc)

= 10.00 (min)

[RAINFALL DESCRIPTION]

Distribution Type

= SCS II

Total Precipitation

= 1.58 (in)

Return Period

= 2 (yr)

Storm Duration

= 24.00 (hr)

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 50
Name: Pond 2 - Routed WQ Storm
Type: Reservoir: Storage Indication

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 0.56 (cfs)
Time to Peak (Tp) = 968.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 0.88 (ac-ft)
Time Step = 2.00 (min)
Peak Elevation = 10.41 (ft)
Detention Time = NA

[RESERVOIR STRUCTURE INFORMATION]

Number = 1
Name = Preliminary Pond #2
Storage Type = User-Defined Volume
Maximum Storage = 504572.52 (cu ft)
Maximum Discharge = 23.36 (cfs)

[INFLOW HYDROGRAPH INFORMATION]

Number = 48
Name = Pond 2 - 0.5" Direct WQ Storm
Peak Flow (Qp) = 18.79 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 1472.39 (min)
Volume = 1.05 (ac-ft)
Flow Multiplier = 1.00

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 50
 Name: Pond 2 - Routed WQ Storm
 Type: Reservoir: Storage Indication

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 0.56 (cfs)
 Time to Peak (Tp) = 968.00 (min)
 Time of Base (Tb) = 2880.00 (min)
 Volume = 0.88 (ac-ft)
 Time Step = 2.00 (min)
 Peak Elevation = 10.41 (ft)
 Detention Time = NA

[RESERVOIR STRUCTURE INFORMATION]

Number = 1
 Name = Preliminary Pond #2
 Storage Type = User-Defined Volume
 Maximum Storage = 504572.52 (cu ft)
 Maximum Discharge = 23.36 (cfs)

[INFLOW HYDROGRAPH INFORMATION]

Number = 48
 Name = Pond 2 - 0.5" Direct WQ Storm
 Peak Flow (Qp) = 18.79 (cfs)
 Time to Peak (Tp) = 720.00 (min)
 Time of Base (Tb) = 1472.39 (min)
 Volume = 1.05 (ac-ft)
 Flow Multiplier = 1.00

[EQUATION]

$$0.5(I1+I2)dt + S1-0.5(O2)dt$$

Where:

I1 = Previous Inflow
 I2 = Current Inflow
 dt = Time increment
 S1 = Previous Storage
 S2 = Current Storage
 O1 = Previous Outflow
 O2 = Current Outflow

A = 0.5 (I1+I2) dt
 B = S1 - 0.5 (O1) dt
 C = S2 + 0.5 (O2) dt

FLOOD HYDROGRAPH REPORT

Computation of Reservoir Outflow Table of Storage Indication Method
[The time interval is 2.00 min]

Intv	Time	Inflow	A	B	C	Outflow	Storage	Elev
(min)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cu ft)	(ft)	
1	2.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
2	4.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
3	6.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
4	8.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
5	10.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
6	12.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
7	14.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
8	16.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
9	18.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
10	20.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
11	22.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
12	24.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
13	26.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
14	28.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
15	30.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
16	32.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
17	34.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
18	36.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
19	38.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
20	40.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
21	42.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
22	44.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
23	46.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
24	48.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
25	50.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
26	52.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
27	54.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
28	56.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
29	58.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
30	60.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
31	62.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
32	64.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
33	66.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
34	68.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
35	70.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
36	72.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
37	74.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
38	76.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
39	78.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
40	80.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

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Scenario: Proposed Basins #2 and #3

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41	82.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
42	84.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
43	86.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
44	88.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
45	90.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
46	92.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
47	94.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
48	96.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
49	98.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
50	100.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
51	102.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
52	104.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
53	106.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
54	108.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
55	110.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
56	112.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
57	114.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
58	116.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
59	118.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
60	120.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
61	122.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
62	124.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
63	126.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
64	128.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
65	130.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
66	132.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
67	134.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
68	136.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
69	138.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
70	140.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
71	142.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
72	144.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
73	146.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
74	148.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
75	150.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
76	152.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
77	154.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
78	156.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
79	158.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
80	160.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
81	162.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
82	164.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
83	166.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
84	168.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
85	170.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
86	172.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
87	174.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
88	176.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

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FLOOD HYDROGRAPH REPORT

89	178.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
90	180.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
91	182.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
92	184.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
93	186.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
94	188.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
95	190.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
96	192.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
97	194.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
98	196.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
99	198.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
100	200.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
101	202.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
102	204.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
103	206.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
104	208.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
105	210.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
106	212.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
107	214.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
108	216.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
109	218.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
110	220.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
111	222.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
112	224.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
113	226.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
114	228.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
115	230.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
116	232.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
117	234.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
118	236.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
119	238.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
120	240.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
121	242.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
122	244.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
123	246.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
124	248.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
125	250.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
126	252.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
127	254.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
128	256.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
129	258.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
130	260.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
131	262.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
132	264.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
133	266.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
134	268.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
135	270.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
136	272.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

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137	274.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
138	276.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
139	278.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
140	280.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
141	282.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
142	284.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
143	286.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
144	288.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
145	290.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
146	292.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
147	294.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
148	296.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
149	298.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
150	300.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
151	302.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
152	304.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
153	306.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
154	308.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
155	310.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
156	312.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
157	314.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
158	316.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
159	318.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
160	320.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
161	322.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
162	324.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
163	326.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
164	328.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
165	330.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
166	332.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
167	334.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
168	336.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
169	338.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
170	340.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
171	342.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
172	344.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
173	346.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
174	348.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
175	350.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
176	352.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
177	354.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
178	356.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
179	358.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
180	360.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
181	362.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
182	364.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
183	366.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
184	368.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

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185	370.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
186	372.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
187	374.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
188	376.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
189	378.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
190	380.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
191	382.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
192	384.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
193	386.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
194	388.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
195	390.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
196	392.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
197	394.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
198	396.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
199	398.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
200	400.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
201	402.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
202	404.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
203	406.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
204	408.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
205	410.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
206	412.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
207	414.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
208	416.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
209	418.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
210	420.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
211	422.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
212	424.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
213	426.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
214	428.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
215	430.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
216	432.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
217	434.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
218	436.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
219	438.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
220	440.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
221	442.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
222	444.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
223	446.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
224	448.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
225	450.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
226	452.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
227	454.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
228	456.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
229	458.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
230	460.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
231	462.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
232	464.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

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233	466.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
234	468.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
235	470.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
236	472.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
237	474.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
238	476.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
239	478.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
240	480.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
241	482.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
242	484.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
243	486.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
244	488.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
245	490.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
246	492.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
247	494.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
248	496.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
249	498.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
250	500.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
251	502.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
252	504.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
253	506.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
254	508.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
255	510.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
256	512.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
257	514.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
258	516.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
259	518.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
260	520.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
261	522.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
262	524.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
263	526.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
264	528.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
265	530.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
266	532.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
267	534.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
268	536.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
269	538.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
270	540.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
271	542.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
272	544.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
273	546.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
274	548.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
275	550.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
276	552.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
277	554.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
278	556.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
279	558.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
280	560.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

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281	562.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
282	564.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
283	566.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
284	568.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
285	570.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
286	572.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
287	574.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
288	576.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
289	578.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
290	580.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
291	582.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
292	584.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
293	586.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
294	588.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
295	590.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
296	592.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
297	594.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
298	596.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
299	598.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
300	600.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
301	602.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
302	604.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
303	606.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
304	608.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
305	610.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
306	612.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
307	614.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
308	616.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
309	618.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
310	620.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
311	622.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
312	624.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
313	626.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
314	628.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
315	630.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
316	632.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
317	634.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
318	636.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
319	638.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
320	640.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
321	642.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
322	644.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
323	646.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
324	648.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
325	650.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
326	652.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
327	654.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
328	656.00	0.00	0.00	0.00	0.21	0.00	0.21	10.00

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329	658.00	0.01	0.01	0.21	0.95	0.00	0.95	10.00
330	660.00	0.02	0.03	0.95	2.49	0.00	2.49	10.00
331	662.00	0.03	0.04	2.49	5.07	0.00	5.07	10.00
332	664.00	0.04	0.06	5.07	8.84	0.00	8.84	10.00
333	666.00	0.05	0.08	8.84	13.91	0.00	13.91	10.00
334	668.00	0.06	0.11	13.91	20.53	0.00	20.53	10.00
335	670.00	0.08	0.14	20.53	28.90	0.00	28.91	10.00
336	672.00	0.09	0.17	28.90	39.17	0.00	39.17	10.00
337	674.00	0.11	0.21	39.17	51.53	0.00	51.53	10.00
338	676.00	0.13	0.25	51.53	66.19	0.00	66.20	10.00
339	678.00	0.16	0.29	66.19	83.37	0.00	83.37	10.00
340	680.00	0.18	0.33	83.37	103.26	0.00	103.26	10.00
341	682.00	0.20	0.38	103.26	126.09	0.00	126.09	10.00
342	684.00	0.23	0.44	126.09	152.07	0.00	152.07	10.00
343	686.00	0.26	0.49	152.07	181.41	0.00	181.41	10.00
344	688.00	0.29	0.55	181.41	214.35	0.00	214.35	10.00
345	690.00	0.32	0.62	214.35	251.05	0.00	251.05	10.00
346	692.00	0.37	0.69	251.05	292.10	0.00	292.11	10.00
347	694.00	0.44	0.80	292.10	339.83	0.00	339.84	10.01
348	696.00	0.58	1.01	339.83	400.07	0.01	400.08	10.01
349	698.00	0.81	1.39	400.07	482.83	0.01	482.84	10.01
350	700.00	1.17	1.99	482.83	601.27	0.01	601.28	10.01
351	702.00	1.66	2.84	601.27	770.42	0.01	770.43	10.01
352	704.00	2.30	3.96	770.42	1006.90	0.01	1006.91	10.01
353	706.00	3.10	5.41	1006.90	1329.41	0.02	1329.43	10.02
354	708.00	4.16	7.26	1329.41	1762.68	0.02	1762.71	10.03
355	710.00	5.62	9.78	1762.68	2346.23	0.03	2346.26	10.03
356	712.00	7.72	13.34	2346.23	3142.56	0.04	3142.60	10.05
357	714.00	10.59	18.31	3142.56	4235.49	0.06	4235.54	10.06
358	716.00	14.07	24.66	4235.49	5707.42	0.07	5707.49	10.08
359	718.00	17.28	31.35	5707.42	7577.86	0.10	7577.96	10.11
360	720.00	18.79	36.07	7577.86	9728.29	0.13	9728.42	10.14
361	722.00	17.76	36.55	9728.29	11904.61	0.15	11904.77	10.18
362	724.00	14.82	32.59	11904.61	13839.63	0.18	13839.81	10.20
363	726.00	11.35	26.17	13839.63	15387.05	0.20	15387.25	10.23
364	728.00	8.53	19.88	15387.05	16554.71	0.21	16554.92	10.25
365	730.00	6.60	15.13	16554.71	17435.21	0.24	17435.45	10.26
366	732.00	5.39	11.99	17435.21	18124.91	0.26	18125.17	10.27
367	734.00	4.59	9.98	18124.91	18692.03	0.28	18692.30	10.28
368	736.00	4.06	8.66	18692.03	19177.46	0.29	19177.75	10.28
369	738.00	3.68	7.74	19177.46	19606.15	0.30	19606.46	10.29
370	740.00	3.39	7.07	19606.15	19993.09	0.32	19993.40	10.29
371	742.00	3.15	6.55	19993.09	20347.29	0.33	20347.61	10.30
372	744.00	2.95	6.11	20347.29	20673.98	0.34	20674.31	10.30
373	746.00	2.77	5.72	20673.98	20976.32	0.35	20976.66	10.31
374	748.00	2.60	5.37	20976.32	21256.41	0.35	21256.77	10.31
375	750.00	2.44	5.04	21256.41	21515.92	0.36	21516.29	10.32
376	752.00	2.29	4.74	21515.92	21756.08	0.37	21756.45	10.32

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377	754.00	2.15	4.45	21756.08	21978.10	0.38	21978.47	10.32
378	756.00	2.04	4.19	21978.10	22183.92	0.38	22184.31	10.33
379	758.00	1.94	3.98	22183.92	22376.28	0.39	22376.67	10.33
380	760.00	1.87	3.81	22376.28	22558.04	0.39	22558.44	10.33
381	762.00	1.81	3.69	22558.04	22731.51	0.40	22731.91	10.33
382	764.00	1.77	3.58	22731.51	22898.19	0.41	22898.59	10.34
383	766.00	1.73	3.49	22898.19	23058.92	0.41	23059.33	10.34
384	768.00	1.69	3.42	23058.92	23214.31	0.42	23214.72	10.34
385	770.00	1.65	3.34	23214.31	23364.69	0.42	23365.11	10.34
386	772.00	1.62	3.27	23364.69	23510.24	0.42	23510.67	10.35
387	774.00	1.58	3.20	23510.24	23651.09	0.43	23651.52	10.35
388	776.00	1.55	3.13	23651.09	23787.29	0.43	23787.73	10.35
389	778.00	1.51	3.06	23787.29	23918.88	0.44	23919.32	10.35
390	780.00	1.48	2.99	23918.88	24045.81	0.44	24046.25	10.35
391	782.00	1.44	2.92	24045.81	24168.16	0.44	24168.61	10.36
392	784.00	1.41	2.86	24168.16	24286.03	0.45	24286.48	10.36
393	786.00	1.38	2.79	24286.03	24399.67	0.45	24400.12	10.36
394	788.00	1.36	2.74	24399.67	24509.46	0.46	24509.92	10.36
395	790.00	1.33	2.69	24509.46	24615.83	0.46	24616.29	10.36
396	792.00	1.31	2.64	24615.83	24719.10	0.46	24719.56	10.36
397	794.00	1.29	2.60	24719.10	24819.41	0.46	24819.88	10.36
398	796.00	1.27	2.56	24819.41	24916.97	0.47	24917.44	10.37
399	798.00	1.25	2.52	24916.97	25011.85	0.47	25012.32	10.37
400	800.00	1.23	2.48	25011.85	25104.09	0.47	25104.56	10.37
401	802.00	1.21	2.44	25104.09	25193.72	0.48	25194.20	10.37
402	804.00	1.19	2.41	25193.72	25280.78	0.48	25281.26	10.37
403	806.00	1.17	2.37	25280.78	25365.24	0.48	25365.72	10.37
404	808.00	1.16	2.33	25365.24	25447.11	0.48	25447.60	10.37
405	810.00	1.14	2.29	25447.11	25526.40	0.49	25526.88	10.38
406	812.00	1.12	2.25	25526.40	25603.03	0.49	25603.52	10.38
407	814.00	1.10	2.22	25603.03	25677.12	0.49	25677.61	10.38
408	816.00	1.08	2.18	25677.12	25748.74	0.49	25749.23	10.38
409	818.00	1.06	2.14	25748.74	25818.05	0.50	25818.54	10.38
410	820.00	1.05	2.11	25818.05	25885.17	0.50	25885.67	10.38
411	822.00	1.03	2.08	25885.17	25950.23	0.50	25950.73	10.38
412	824.00	1.02	2.05	25950.23	26013.30	0.50	26013.80	10.38
413	826.00	1.00	2.02	26013.30	26074.42	0.50	26074.93	10.38
414	828.00	0.99	2.00	26074.42	26133.63	0.51	26134.13	10.38
415	830.00	0.98	1.97	26133.63	26190.93	0.51	26191.44	10.38
416	832.00	0.96	1.94	26190.93	26246.34	0.51	26246.85	10.39
417	834.00	0.95	1.91	26246.34	26299.86	0.51	26300.37	10.39
418	836.00	0.94	1.88	26299.86	26351.50	0.51	26352.01	10.39
419	838.00	0.92	1.85	26351.50	26401.20	0.51	26401.72	10.39
420	840.00	0.91	1.83	26401.20	26449.03	0.52	26449.54	10.39
421	842.00	0.89	1.80	26449.03	26494.99	0.52	26495.50	10.39
422	844.00	0.88	1.77	26494.99	26539.14	0.52	26539.66	10.39
423	846.00	0.87	1.75	26539.14	26581.64	0.52	26582.16	10.39
424	848.00	0.86	1.72	26581.64	26622.71	0.52	26623.23	10.39

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425	850.00	0.85	1.71	26622.71	26662.59	0.52	26663.11	10.39
426	852.00	0.84	1.69	26662.59	26701.47	0.52	26702.00	10.39
427	854.00	0.84	1.68	26701.47	26739.49	0.52	26740.01	10.39
428	856.00	0.83	1.67	26739.49	26776.70	0.53	26777.23	10.39
429	858.00	0.83	1.66	26776.70	26813.17	0.53	26813.69	10.39
430	860.00	0.82	1.65	26813.17	26848.85	0.53	26849.38	10.39
431	862.00	0.82	1.64	26848.85	26883.83	0.53	26884.36	10.39
432	864.00	0.81	1.63	26883.83	26918.12	0.53	26918.65	10.40
433	866.00	0.81	1.62	26918.12	26951.73	0.53	26952.26	10.40
434	868.00	0.80	1.61	26951.73	26984.66	0.53	26985.19	10.40
435	870.00	0.80	1.60	26984.66	27016.91	0.53	27017.44	10.40
436	872.00	0.79	1.59	27016.91	27048.48	0.53	27049.02	10.40
437	874.00	0.79	1.58	27048.48	27079.38	0.53	27079.92	10.40
438	876.00	0.78	1.57	27079.38	27109.61	0.54	27110.14	10.40
439	878.00	0.78	1.56	27109.61	27139.16	0.54	27139.69	10.40
440	880.00	0.78	1.56	27139.16	27168.03	0.54	27168.57	10.40
441	882.00	0.77	1.55	27168.03	27196.23	0.54	27196.77	10.40
442	884.00	0.77	1.54	27196.23	27223.76	0.54	27224.30	10.40
443	886.00	0.76	1.53	27223.76	27250.62	0.54	27251.16	10.40
444	888.00	0.76	1.52	27250.62	27276.80	0.54	27277.34	10.40
445	890.00	0.75	1.51	27276.80	27302.26	0.54	27302.80	10.40
446	892.00	0.75	1.50	27302.26	27327.04	0.54	27327.58	10.40
447	894.00	0.74	1.49	27327.04	27351.16	0.54	27351.70	10.40
448	896.00	0.74	1.48	27351.16	27374.60	0.54	27375.15	10.40
449	898.00	0.73	1.47	27374.60	27397.38	0.54	27397.92	10.40
450	900.00	0.73	1.46	27397.38	27419.49	0.55	27420.04	10.40
451	902.00	0.72	1.45	27419.49	27440.93	0.55	27441.48	10.40
452	904.00	0.72	1.44	27440.93	27461.71	0.55	27462.26	10.40
453	906.00	0.71	1.43	27461.71	27481.83	0.55	27482.37	10.40
454	908.00	0.71	1.42	27481.83	27501.27	0.55	27501.82	10.40
455	910.00	0.70	1.41	27501.27	27520.06	0.55	27520.61	10.40
456	912.00	0.70	1.40	27520.06	27538.18	0.55	27538.73	10.40
457	914.00	0.69	1.39	27538.18	27555.64	0.55	27556.19	10.40
458	916.00	0.69	1.38	27555.64	27572.44	0.55	27572.99	10.40
459	918.00	0.68	1.37	27572.44	27588.58	0.55	27589.13	10.41
460	920.00	0.68	1.36	27588.58	27604.06	0.55	27604.61	10.41
461	922.00	0.67	1.35	27604.06	27618.88	0.55	27619.43	10.41
462	924.00	0.67	1.34	27618.88	27633.04	0.55	27633.59	10.41
463	926.00	0.66	1.33	27633.04	27646.55	0.55	27647.10	10.41
464	928.00	0.66	1.32	27646.55	27659.40	0.55	27659.95	10.41
465	930.00	0.65	1.31	27659.40	27671.59	0.55	27672.15	10.41
466	932.00	0.65	1.30	27671.59	27683.07	0.55	27683.63	10.41
467	934.00	0.64	1.29	27683.07	27693.90	0.55	27694.46	10.41
468	936.00	0.64	1.28	27693.90	27704.08	0.55	27704.63	10.41
469	938.00	0.63	1.27	27704.08	27713.61	0.55	27714.16	10.41
470	940.00	0.63	1.26	27713.61	27722.48	0.55	27723.04	10.41
471	942.00	0.62	1.25	27722.48	27730.71	0.55	27731.27	10.41
472	944.00	0.62	1.24	27730.71	27738.29	0.56	27738.85	10.41

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473	946.00	0.61	1.23	27738.29	27745.23	0.56	27745.78	10.41
474	948.00	0.60	1.22	27745.23	27751.52	0.56	27752.07	10.41
475	950.00	0.60	1.21	27751.52	27757.16	0.56	27757.72	10.41
476	952.00	0.59	1.19	27757.16	27762.16	0.56	27762.72	10.41
477	954.00	0.59	1.18	27762.16	27766.52	0.56	27767.07	10.41
478	956.00	0.58	1.17	27766.52	27770.23	0.56	27770.79	10.41
479	958.00	0.58	1.16	27770.23	27773.31	0.56	27773.87	10.41
480	960.00	0.57	1.15	27773.31	27775.75	0.56	27776.30	10.41
481	962.00	0.57	1.14	27775.75	27777.49	0.56	27778.05	10.41
482	964.00	0.56	1.13	27777.49	27778.62	0.56	27779.18	10.41
483	966.00	0.56	1.12	27778.62	27779.20	0.56	27779.76	10.41
484	968.00	0.56	1.11	27779.20	27779.30	0.56	27779.86	10.41
485	970.00	0.55	1.11	27779.30	27779.02	0.56	27779.58	10.41
486	972.00	0.55	1.10	27779.02	27778.43	0.56	27778.99	10.41
487	974.00	0.55	1.10	27778.43	27777.57	0.56	27778.12	10.41
488	976.00	0.55	1.09	27777.57	27776.46	0.56	27777.02	10.41
489	978.00	0.54	1.09	27776.46	27775.13	0.56	27775.69	10.41
490	980.00	0.54	1.09	27775.13	27773.59	0.56	27774.15	10.41
491	982.00	0.54	1.08	27773.59	27771.84	0.56	27772.40	10.41
492	984.00	0.54	1.08	27771.84	27769.89	0.56	27770.45	10.41
493	986.00	0.54	1.08	27769.89	27767.74	0.56	27768.29	10.41
494	988.00	0.53	1.07	27767.74	27765.33	0.56	27765.88	10.41
495	990.00	0.53	1.07	27765.33	27762.72	0.56	27763.28	10.41
496	992.00	0.53	1.06	27762.72	27759.92	0.56	27760.48	10.41
497	994.00	0.53	1.06	27759.92	27756.92	0.56	27757.48	10.41
498	996.00	0.53	1.06	27756.92	27753.72	0.56	27754.28	10.41
499	998.00	0.53	1.05	27753.72	27750.33	0.56	27750.89	10.41
500	1000.00	0.52	1.05	27750.33	27746.74	0.56	27747.30	10.41
501	1002.00	0.52	1.05	27746.74	27742.96	0.56	27743.52	10.41
502	1004.00	0.52	1.04	27742.96	27738.98	0.56	27739.54	10.41
503	1006.00	0.52	1.04	27738.98	27734.81	0.55	27735.37	10.41
504	1008.00	0.52	1.04	27734.81	27730.45	0.55	27731.00	10.41
505	1010.00	0.52	1.03	27730.45	27725.88	0.55	27726.44	10.41
506	1012.00	0.51	1.03	27725.88	27721.13	0.55	27721.68	10.41
507	1014.00	0.51	1.03	27721.13	27716.18	0.55	27716.74	10.41
508	1016.00	0.51	1.02	27716.18	27711.04	0.55	27711.60	10.41
509	1018.00	0.51	1.02	27711.04	27705.71	0.55	27706.26	10.41
510	1020.00	0.51	1.02	27705.71	27700.18	0.55	27700.73	10.41
511	1022.00	0.51	1.01	27700.18	27694.46	0.55	27695.02	10.41
512	1024.00	0.50	1.01	27694.46	27688.55	0.55	27689.11	10.41
513	1026.00	0.50	1.01	27688.55	27682.45	0.55	27683.00	10.41
514	1028.00	0.50	1.00	27682.45	27676.16	0.55	27676.71	10.41
515	1030.00	0.50	1.00	27676.16	27669.67	0.55	27670.23	10.41
516	1032.00	0.50	0.99	27669.67	27663.00	0.55	27663.55	10.41
517	1034.00	0.50	0.99	27663.00	27656.13	0.55	27656.69	10.41
518	1036.00	0.49	0.99	27656.13	27649.08	0.55	27649.63	10.41
519	1038.00	0.49	0.98	27649.08	27641.83	0.55	27642.39	10.41
520	1040.00	0.49	0.98	27641.83	27634.40	0.55	27634.95	10.41

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521	1042.00	0.49	0.98	27634.40	27626.78	0.55	27627.33	10.41
522	1044.00	0.48	0.97	27626.78	27618.96	0.55	27619.52	10.41
523	1046.00	0.48	0.97	27618.96	27610.97	0.55	27611.52	10.41
524	1048.00	0.48	0.97	27610.97	27602.78	0.55	27603.33	10.41
525	1050.00	0.48	0.96	27602.78	27594.34	0.55	27594.89	10.41
526	1052.00	0.48	0.96	27594.34	27585.72	0.55	27586.27	10.41
527	1054.00	0.48	0.95	27585.72	27576.91	0.55	27577.46	10.40
528	1056.00	0.47	0.95	27576.91	27567.92	0.55	27568.47	10.40
529	1058.00	0.47	0.95	27567.92	27558.74	0.55	27559.29	10.40
530	1060.00	0.47	0.94	27558.74	27549.37	0.55	27549.92	10.40
531	1062.00	0.47	0.94	27549.37	27539.82	0.55	27540.37	10.40
532	1064.00	0.47	0.94	27539.82	27530.08	0.55	27530.63	10.40
533	1066.00	0.47	0.93	27530.08	27520.16	0.55	27520.71	10.40
534	1068.00	0.46	0.93	27520.16	27510.06	0.55	27510.61	10.40
535	1070.00	0.46	0.92	27510.06	27499.79	0.55	27500.33	10.40
536	1072.00	0.46	0.92	27499.79	27489.32	0.55	27489.87	10.40
537	1074.00	0.46	0.92	27489.32	27478.68	0.55	27479.23	10.40
538	1076.00	0.46	0.91	27478.68	27467.85	0.55	27468.39	10.40
539	1078.00	0.45	0.91	27467.85	27456.83	0.55	27457.38	10.40
540	1080.00	0.45	0.91	27456.83	27445.63	0.55	27446.17	10.40
541	1082.00	0.45	0.90	27445.63	27434.25	0.55	27434.79	10.40
542	1084.00	0.45	0.90	27434.25	27422.68	0.55	27423.23	10.40
543	1086.00	0.45	0.89	27422.68	27410.93	0.54	27411.48	10.40
544	1088.00	0.44	0.89	27410.93	27399.01	0.54	27399.55	10.40
545	1090.00	0.44	0.89	27399.01	27386.90	0.54	27387.44	10.40
546	1092.00	0.44	0.88	27386.90	27374.61	0.54	27375.16	10.40
547	1094.00	0.44	0.88	27374.61	27362.15	0.54	27362.69	10.40
548	1096.00	0.44	0.88	27362.15	27349.50	0.54	27350.04	10.40
549	1098.00	0.44	0.87	27349.50	27336.67	0.54	27337.22	10.40
550	1100.00	0.43	0.87	27336.67	27323.67	0.54	27324.21	10.40
551	1102.00	0.43	0.86	27323.67	27310.49	0.54	27311.03	10.40
552	1104.00	0.43	0.86	27310.49	27297.13	0.54	27297.67	10.40
553	1106.00	0.43	0.86	27297.13	27283.59	0.54	27284.13	10.40
554	1108.00	0.43	0.85	27283.59	27269.87	0.54	27270.41	10.40
555	1110.00	0.42	0.85	27269.87	27255.98	0.54	27256.52	10.40
556	1112.00	0.42	0.85	27255.98	27241.91	0.54	27242.45	10.40
557	1114.00	0.42	0.84	27241.91	27227.66	0.54	27228.20	10.40
558	1116.00	0.42	0.84	27227.66	27213.24	0.54	27213.78	10.40
559	1118.00	0.42	0.83	27213.24	27198.65	0.54	27199.19	10.40
560	1120.00	0.41	0.83	27198.65	27183.82	0.54	27184.35	10.40
561	1122.00	0.41	0.83	27183.82	27168.81	0.54	27169.35	10.40
562	1124.00	0.41	0.82	27168.81	27153.63	0.54	27154.17	10.40
563	1126.00	0.41	0.82	27153.63	27138.28	0.54	27138.81	10.40
564	1128.00	0.41	0.81	27138.28	27122.75	0.54	27123.29	10.40
565	1130.00	0.40	0.81	27122.75	27107.05	0.54	27107.59	10.40
566	1132.00	0.40	0.81	27107.05	27091.18	0.54	27091.72	10.40
567	1134.00	0.40	0.80	27091.18	27075.14	0.53	27075.67	10.40
568	1136.00	0.40	0.80	27075.14	27058.92	0.53	27059.46	10.40

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569	1138.00	0.40	0.79	27058.92	27042.53	0.53	27043.07	10.40
570	1140.00	0.39	0.79	27042.53	27025.98	0.53	27026.51	10.40
571	1142.00	0.39	0.79	27025.98	27009.25	0.53	27009.78	10.40
572	1144.00	0.39	0.78	27009.25	26992.35	0.53	26992.88	10.40
573	1146.00	0.39	0.78	26992.35	26975.28	0.53	26975.81	10.40
574	1148.00	0.39	0.78	26975.28	26958.04	0.53	26958.57	10.40
575	1150.00	0.39	0.77	26958.04	26940.63	0.53	26941.16	10.40
576	1152.00	0.38	0.77	26940.63	26923.06	0.53	26923.59	10.40
577	1154.00	0.38	0.76	26923.06	26905.31	0.53	26905.84	10.40
578	1156.00	0.38	0.76	26905.31	26887.40	0.53	26887.93	10.39
579	1158.00	0.38	0.76	26887.40	26869.32	0.53	26869.85	10.39
580	1160.00	0.37	0.75	26869.32	26851.07	0.53	26851.60	10.39
581	1162.00	0.37	0.75	26851.07	26832.65	0.53	26833.18	10.39
582	1164.00	0.37	0.74	26832.65	26814.07	0.53	26814.60	10.39
583	1166.00	0.37	0.74	26814.07	26795.32	0.53	26795.85	10.39
584	1168.00	0.37	0.74	26795.32	26776.41	0.53	26776.93	10.39
585	1170.00	0.37	0.73	26776.41	26757.33	0.52	26757.85	10.39
586	1172.00	0.36	0.73	26757.33	26738.08	0.52	26738.61	10.39
587	1174.00	0.36	0.72	26738.08	26718.61	0.52	26719.14	10.39
588	1176.00	0.36	0.72	26718.61	26698.98	0.52	26699.50	10.39
589	1178.00	0.36	0.72	26698.98	26679.18	0.52	26679.71	10.39
590	1180.00	0.35	0.71	26679.18	26659.22	0.52	26659.75	10.39
591	1182.00	0.35	0.71	26659.22	26639.10	0.52	26639.62	10.39
592	1184.00	0.35	0.70	26639.10	26618.81	0.52	26619.34	10.39
593	1186.00	0.35	0.70	26618.81	26598.37	0.52	26598.89	10.39
594	1188.00	0.35	0.70	26598.37	26577.76	0.52	26578.28	10.39
595	1190.00	0.34	0.69	26577.76	26556.99	0.52	26557.51	10.39
596	1192.00	0.34	0.69	26556.99	26536.06	0.52	26536.57	10.39
597	1194.00	0.34	0.68	26536.06	26514.96	0.52	26515.48	10.39
598	1196.00	0.34	0.68	26514.96	26493.71	0.52	26494.23	10.39
599	1198.00	0.34	0.68	26493.71	26472.30	0.52	26472.81	10.39
600	1200.00	0.34	0.67	26472.30	26450.73	0.52	26451.24	10.39
601	1202.00	0.33	0.67	26450.73	26429.00	0.51	26429.51	10.39
602	1204.00	0.33	0.66	26429.00	26407.12	0.51	26407.64	10.39
603	1206.00	0.33	0.66	26407.12	26385.12	0.51	26385.64	10.39
604	1208.00	0.33	0.66	26385.12	26363.04	0.51	26363.56	10.39
605	1210.00	0.33	0.66	26363.04	26340.92	0.51	26341.43	10.39
606	1212.00	0.33	0.65	26340.92	26318.79	0.51	26319.30	10.39
607	1214.00	0.33	0.65	26318.79	26296.67	0.51	26297.18	10.39
608	1216.00	0.33	0.65	26296.67	26274.52	0.51	26275.03	10.39
609	1218.00	0.33	0.65	26274.52	26252.39	0.51	26252.90	10.39
610	1220.00	0.32	0.65	26252.39	26230.31	0.51	26230.82	10.39
611	1222.00	0.32	0.65	26230.31	26208.26	0.51	26208.77	10.39
612	1224.00	0.32	0.65	26208.26	26186.26	0.51	26186.76	10.38
613	1226.00	0.32	0.65	26186.26	26164.29	0.51	26164.80	10.38
614	1228.00	0.32	0.65	26164.29	26142.37	0.51	26142.88	10.38
615	1230.00	0.32	0.65	26142.37	26120.49	0.51	26121.00	10.38
616	1232.00	0.32	0.65	26120.49	26098.66	0.50	26099.16	10.38

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617	1234.00	0.32	0.64	26098.66	26076.86	0.50	26077.36	10.38
618	1236.00	0.32	0.64	26076.86	26055.10	0.50	26055.61	10.38
619	1238.00	0.32	0.64	26055.10	26033.39	0.50	26033.89	10.38
620	1240.00	0.32	0.64	26033.39	26011.72	0.50	26012.22	10.38
621	1242.00	0.32	0.64	26011.72	25990.08	0.50	25990.58	10.38
622	1244.00	0.32	0.64	25990.08	25968.49	0.50	25968.99	10.38
623	1246.00	0.32	0.64	25968.49	25946.94	0.50	25947.44	10.38
624	1248.00	0.32	0.64	25946.94	25925.42	0.50	25925.92	10.38
625	1250.00	0.32	0.64	25925.42	25903.95	0.50	25904.45	10.38
626	1252.00	0.32	0.64	25903.95	25882.52	0.50	25883.02	10.38
627	1254.00	0.32	0.64	25882.52	25861.12	0.50	25861.62	10.38
628	1256.00	0.32	0.64	25861.12	25839.77	0.50	25840.27	10.38
629	1258.00	0.32	0.64	25839.77	25818.45	0.50	25818.95	10.38
630	1260.00	0.32	0.64	25818.45	25797.18	0.49	25797.67	10.38
631	1262.00	0.32	0.64	25797.18	25775.94	0.49	25776.43	10.38
632	1264.00	0.32	0.63	25775.94	25754.74	0.49	25755.23	10.38
633	1266.00	0.32	0.63	25754.74	25733.57	0.49	25734.07	10.38
634	1268.00	0.32	0.63	25733.57	25712.45	0.49	25712.94	10.38
635	1270.00	0.32	0.63	25712.45	25691.36	0.49	25691.86	10.38
636	1272.00	0.32	0.63	25691.36	25670.32	0.49	25670.81	10.38
637	1274.00	0.32	0.63	25670.32	25649.30	0.49	25649.79	10.38
638	1276.00	0.32	0.63	25649.30	25628.33	0.49	25628.82	10.38
639	1278.00	0.31	0.63	25628.33	25607.39	0.49	25607.88	10.38
640	1280.00	0.31	0.63	25607.39	25586.49	0.49	25586.98	10.38
641	1282.00	0.31	0.63	25586.49	25565.63	0.49	25566.12	10.38
642	1284.00	0.31	0.63	25565.63	25544.80	0.49	25545.29	10.38
643	1286.00	0.31	0.63	25544.80	25524.01	0.49	25524.50	10.38
644	1288.00	0.31	0.63	25524.01	25503.26	0.49	25503.75	10.37
645	1290.00	0.31	0.63	25503.26	25482.54	0.49	25483.03	10.37
646	1292.00	0.31	0.63	25482.54	25461.86	0.48	25462.34	10.37
647	1294.00	0.31	0.62	25461.86	25441.21	0.48	25441.70	10.37
648	1296.00	0.31	0.62	25441.21	25420.60	0.48	25421.09	10.37
649	1298.00	0.31	0.62	25420.60	25400.03	0.48	25400.51	10.37
650	1300.00	0.31	0.62	25400.03	25379.49	0.48	25379.97	10.37
651	1302.00	0.31	0.62	25379.49	25358.98	0.48	25359.46	10.37
652	1304.00	0.31	0.62	25358.98	25338.51	0.48	25338.99	10.37
653	1306.00	0.31	0.62	25338.51	25318.07	0.48	25318.55	10.37
654	1308.00	0.31	0.62	25318.07	25297.67	0.48	25298.15	10.37
655	1310.00	0.31	0.62	25297.67	25277.30	0.48	25277.78	10.37
656	1312.00	0.31	0.62	25277.30	25256.97	0.48	25257.45	10.37
657	1314.00	0.31	0.62	25256.97	25236.67	0.48	25237.15	10.37
658	1316.00	0.31	0.62	25236.67	25216.40	0.48	25216.88	10.37
659	1318.00	0.31	0.62	25216.40	25196.17	0.48	25196.65	10.37
660	1320.00	0.31	0.62	25196.17	25175.97	0.48	25176.45	10.37
661	1322.00	0.31	0.61	25175.97	25155.80	0.48	25156.28	10.37
662	1324.00	0.31	0.61	25155.80	25135.67	0.47	25136.15	10.37
663	1326.00	0.31	0.61	25135.67	25115.51	0.47	25115.99	10.37
664	1328.00	0.31	0.61	25115.51	25095.39	0.47	25095.86	10.37

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665	1330.00	0.30	0.61	25095.39	25075.29	0.47	25075.76	10.37
666	1332.00	0.31	0.61	25075.29	25055.23	0.47	25055.70	10.37
667	1334.00	0.30	0.61	25055.23	25035.21	0.47	25035.68	10.37
668	1336.00	0.30	0.61	25035.21	25015.22	0.47	25015.69	10.37
669	1338.00	0.30	0.61	25015.22	24995.26	0.47	24995.73	10.37
670	1340.00	0.30	0.61	24995.26	24975.33	0.47	24975.80	10.37
671	1342.00	0.30	0.61	24975.33	24955.44	0.47	24955.91	10.37
672	1344.00	0.30	0.61	24955.44	24935.57	0.47	24936.04	10.37
673	1346.00	0.30	0.61	24935.57	24915.74	0.47	24916.21	10.37
674	1348.00	0.30	0.60	24915.74	24895.93	0.47	24896.40	10.37
675	1350.00	0.30	0.60	24895.93	24876.16	0.47	24876.63	10.37
676	1352.00	0.30	0.60	24876.16	24856.42	0.47	24856.89	10.37
677	1354.00	0.30	0.60	24856.42	24836.71	0.47	24837.17	10.37
678	1356.00	0.30	0.60	24836.71	24817.03	0.46	24817.49	10.36
679	1358.00	0.30	0.60	24817.03	24797.38	0.46	24797.84	10.36
680	1360.00	0.30	0.60	24797.38	24777.76	0.46	24778.22	10.36
681	1362.00	0.30	0.60	24777.76	24758.17	0.46	24758.64	10.36
682	1364.00	0.30	0.60	24758.17	24738.61	0.46	24739.08	10.36
683	1366.00	0.30	0.60	24738.61	24719.09	0.46	24719.55	10.36
684	1368.00	0.30	0.60	24719.09	24699.59	0.46	24700.05	10.36
685	1370.00	0.30	0.60	24699.59	24680.12	0.46	24680.58	10.36
686	1372.00	0.30	0.60	24680.12	24660.68	0.46	24661.14	10.36
687	1374.00	0.30	0.60	24660.68	24641.27	0.46	24641.73	10.36
688	1376.00	0.30	0.59	24641.27	24621.89	0.46	24622.35	10.36
689	1378.00	0.30	0.59	24621.89	24602.54	0.46	24602.99	10.36
690	1380.00	0.30	0.59	24602.54	24583.21	0.46	24583.67	10.36
691	1382.00	0.30	0.59	24583.21	24563.92	0.46	24564.38	10.36
692	1384.00	0.30	0.59	24563.92	24544.65	0.46	24545.11	10.36
693	1386.00	0.30	0.59	24544.65	24525.42	0.46	24525.87	10.36
694	1388.00	0.30	0.59	24525.42	24506.21	0.46	24506.66	10.36
695	1390.00	0.29	0.59	24506.21	24487.03	0.45	24487.48	10.36
696	1392.00	0.29	0.59	24487.03	24467.88	0.45	24468.33	10.36
697	1394.00	0.29	0.59	24467.88	24448.75	0.45	24449.21	10.36
698	1396.00	0.29	0.59	24448.75	24429.66	0.45	24430.11	10.36
699	1398.00	0.29	0.59	24429.66	24410.59	0.45	24411.04	10.36
700	1400.00	0.29	0.59	24410.59	24391.55	0.45	24392.00	10.36
701	1402.00	0.29	0.59	24391.55	24372.53	0.45	24372.98	10.36
702	1404.00	0.29	0.58	24372.53	24353.55	0.45	24354.00	10.36
703	1406.00	0.29	0.58	24353.55	24334.59	0.45	24335.04	10.36
704	1408.00	0.29	0.58	24334.59	24315.66	0.45	24316.10	10.36
705	1410.00	0.29	0.58	24315.66	24296.75	0.45	24297.20	10.36
706	1412.00	0.29	0.58	24296.75	24277.87	0.45	24278.32	10.36
707	1414.00	0.29	0.58	24277.87	24259.02	0.45	24259.47	10.36
708	1416.00	0.29	0.58	24259.02	24240.19	0.45	24240.64	10.36
709	1418.00	0.29	0.58	24240.19	24221.39	0.45	24221.84	10.36
710	1420.00	0.29	0.58	24221.39	24202.62	0.45	24203.06	10.36
711	1422.00	0.29	0.58	24202.62	24183.87	0.45	24184.32	10.36
712	1424.00	0.29	0.58	24183.87	24165.15	0.44	24165.59	10.36

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713	1426.00	0.29	0.58	24165.15	24146.45	0.44	24146.90	10.36
714	1428.00	0.29	0.58	24146.45	24127.78	0.44	24128.23	10.35
715	1430.00	0.29	0.58	24127.78	24109.14	0.44	24109.58	10.35
716	1432.00	0.29	0.57	24109.14	24090.52	0.44	24090.96	10.35
717	1434.00	0.29	0.57	24090.52	24071.92	0.44	24072.36	10.35
718	1436.00	0.29	0.57	24071.92	24053.35	0.44	24053.79	10.35
719	1438.00	0.29	0.57	24053.35	24034.81	0.44	24035.25	10.35
720	1440.00	0.28	0.57	24034.81	24016.17	0.44	24016.61	10.35
721	1442.00	0.27	0.55	24016.17	23996.58	0.44	23997.02	10.35
722	1444.00	0.23	0.50	23996.58	23973.74	0.44	23974.18	10.35
723	1446.00	0.17	0.40	23973.74	23945.01	0.44	23945.45	10.35
724	1448.00	0.11	0.28	23945.01	23909.34	0.44	23909.77	10.35
725	1450.00	0.07	0.18	23909.34	23867.67	0.44	23868.11	10.35
726	1452.00	0.04	0.11	23867.67	23821.90	0.43	23822.34	10.35
727	1454.00	0.02	0.06	23821.90	23773.70	0.43	23774.13	10.35
728	1456.00	0.01	0.04	23773.70	23724.09	0.43	23724.52	10.35
729	1458.00	0.01	0.02	23724.09	23673.69	0.43	23674.12	10.35
730	1460.00	0.00	0.01	23673.69	23622.87	0.43	23623.30	10.35
731	1462.00	0.00	0.00	23622.87	23571.85	0.43	23572.28	10.35
732	1464.00	0.00	0.00	23571.85	23520.81	0.42	23521.24	10.35
733	1466.00	0.00	0.00	23520.81	23469.96	0.42	23470.39	10.35
734	1468.00	0.00	0.00	23469.96	23419.30	0.42	23419.73	10.34
735	1470.00	0.00	0.00	23419.30	23368.83	0.42	23369.25	10.34
736	1472.00	0.00	0.00	23368.83	23318.55	0.42	23318.96	10.34
737	1474.00	0.00	0.00	23318.55	23268.45	0.42	23268.86	10.34
738	1476.00	0.00	0.00	23268.45	23218.53	0.42	23218.95	10.34
739	1478.00	0.00	0.00	23218.53	23168.81	0.41	23169.22	10.34
740	1480.00	0.00	0.00	23168.81	23119.26	0.41	23119.68	10.34
741	1482.00	0.00	0.00	23119.26	23069.90	0.41	23070.31	10.34
742	1484.00	0.00	0.00	23069.90	23020.73	0.41	23021.14	10.34
743	1486.00	0.00	0.00	23020.73	22971.73	0.41	22972.14	10.34
744	1488.00	0.00	0.00	22971.73	22922.92	0.41	22923.32	10.34
745	1490.00	0.00	0.00	22922.92	22874.29	0.40	22874.69	10.34
746	1492.00	0.00	0.00	22874.29	22825.83	0.40	22826.24	10.34
747	1494.00	0.00	0.00	22825.83	22777.56	0.40	22777.96	10.34
748	1496.00	0.00	0.00	22777.56	22729.47	0.40	22729.87	10.33
749	1498.00	0.00	0.00	22729.47	22681.55	0.40	22681.95	10.33
750	1500.00	0.00	0.00	22681.55	22633.82	0.40	22634.21	10.33
751	1502.00	0.00	0.00	22633.82	22586.26	0.40	22586.65	10.33
752	1504.00	0.00	0.00	22586.26	22538.87	0.39	22539.27	10.33
753	1506.00	0.00	0.00	22538.87	22491.66	0.39	22492.06	10.33
754	1508.00	0.00	0.00	22491.66	22444.63	0.39	22445.02	10.33
755	1510.00	0.00	0.00	22444.63	22397.77	0.39	22398.16	10.33
756	1512.00	0.00	0.00	22397.77	22351.09	0.39	22351.47	10.33
757	1514.00	0.00	0.00	22351.09	22304.57	0.39	22304.96	10.33
758	1516.00	0.00	0.00	22304.57	22258.23	0.39	22258.62	10.33
759	1518.00	0.00	0.00	22258.23	22212.07	0.38	22212.45	10.33
760	1520.00	0.00	0.00	22212.07	22166.07	0.38	22166.45	10.33

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761	1522.00	0.00	0.00	22166.07	22120.24	0.38	22120.62	10.33
762	1524.00	0.00	0.00	22120.24	22074.59	0.38	22074.97	10.33
763	1526.00	0.00	0.00	22074.59	22029.10	0.38	22029.48	10.32
764	1528.00	0.00	0.00	22029.10	21983.78	0.38	21984.16	10.32
765	1530.00	0.00	0.00	21983.78	21938.63	0.38	21939.00	10.32
766	1532.00	0.00	0.00	21938.63	21893.65	0.37	21894.02	10.32
767	1534.00	0.00	0.00	21893.65	21848.83	0.37	21849.20	10.32
768	1536.00	0.00	0.00	21848.83	21804.18	0.37	21804.55	10.32
769	1538.00	0.00	0.00	21804.18	21759.69	0.37	21760.06	10.32
770	1540.00	0.00	0.00	21759.69	21715.37	0.37	21715.74	10.32
771	1542.00	0.00	0.00	21715.37	21671.22	0.37	21671.59	10.32
772	1544.00	0.00	0.00	21671.22	21627.23	0.37	21627.59	10.32
773	1546.00	0.00	0.00	21627.23	21583.40	0.36	21583.76	10.32
774	1548.00	0.00	0.00	21583.40	21539.73	0.36	21540.09	10.32
775	1550.00	0.00	0.00	21539.73	21496.23	0.36	21496.59	10.32
776	1552.00	0.00	0.00	21496.23	21452.88	0.36	21453.24	10.32
777	1554.00	0.00	0.00	21452.88	21409.70	0.36	21410.06	10.32
778	1556.00	0.00	0.00	21409.70	21366.68	0.36	21367.04	10.31
779	1558.00	0.00	0.00	21366.68	21323.81	0.36	21324.17	10.31
780	1560.00	0.00	0.00	21323.81	21281.11	0.36	21281.47	10.31
781	1562.00	0.00	0.00	21281.11	21238.56	0.35	21238.92	10.31
782	1564.00	0.00	0.00	21238.56	21196.18	0.35	21196.53	10.31
783	1566.00	0.00	0.00	21196.18	21153.95	0.35	21154.30	10.31
784	1568.00	0.00	0.00	21153.95	21111.87	0.35	21112.22	10.31
785	1570.00	0.00	0.00	21111.87	21069.95	0.35	21070.30	10.31
786	1572.00	0.00	0.00	21069.95	21028.19	0.35	21028.54	10.31
787	1574.00	0.00	0.00	21028.19	20986.58	0.35	20986.93	10.31
788	1576.00	0.00	0.00	20986.58	20945.13	0.34	20945.47	10.31
789	1578.00	0.00	0.00	20945.13	20903.83	0.34	20904.17	10.31
790	1580.00	0.00	0.00	20903.83	20862.68	0.34	20863.02	10.31
791	1582.00	0.00	0.00	20862.68	20821.69	0.34	20822.03	10.31
792	1584.00	0.00	0.00	20821.69	20780.84	0.34	20781.18	10.31
793	1586.00	0.00	0.00	20780.84	20740.15	0.34	20740.49	10.31
794	1588.00	0.00	0.00	20740.15	20699.61	0.34	20699.95	10.31
795	1590.00	0.00	0.00	20699.61	20659.22	0.34	20659.56	10.30
796	1592.00	0.00	0.00	20659.22	20618.98	0.33	20619.32	10.30
797	1594.00	0.00	0.00	20618.98	20578.89	0.33	20579.22	10.30
798	1596.00	0.00	0.00	20578.89	20538.95	0.33	20539.28	10.30
799	1598.00	0.00	0.00	20538.95	20499.15	0.33	20499.48	10.30
800	1600.00	0.00	0.00	20499.15	20459.51	0.33	20459.84	10.30
801	1602.00	0.00	0.00	20459.51	20420.01	0.33	20420.33	10.30
802	1604.00	0.00	0.00	20420.01	20380.65	0.33	20380.98	10.30
803	1606.00	0.00	0.00	20380.65	20341.44	0.33	20341.77	10.30
804	1608.00	0.00	0.00	20341.44	20302.38	0.32	20302.71	10.30
805	1610.00	0.00	0.00	20302.38	20263.46	0.32	20263.79	10.30
806	1612.00	0.00	0.00	20263.46	20224.69	0.32	20225.01	10.30
807	1614.00	0.00	0.00	20224.69	20186.06	0.32	20186.38	10.30
808	1616.00	0.00	0.00	20186.06	20147.57	0.32	20147.90	10.30

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809	1618.00	0.00	0.00	20147.57	20109.23	0.32	20109.55	10.30
810	1620.00	0.00	0.00	20109.23	20071.03	0.32	20071.35	10.30
811	1622.00	0.00	0.00	20071.03	20032.97	0.32	20033.29	10.30
812	1624.00	0.00	0.00	20032.97	19995.05	0.32	19995.37	10.30
813	1626.00	0.00	0.00	19995.05	19957.27	0.31	19957.59	10.29
814	1628.00	0.00	0.00	19957.27	19919.63	0.31	19919.95	10.29
815	1630.00	0.00	0.00	19919.63	19882.14	0.31	19882.45	10.29
816	1632.00	0.00	0.00	19882.14	19844.78	0.31	19845.09	10.29
817	1634.00	0.00	0.00	19844.78	19807.55	0.31	19807.86	10.29
818	1636.00	0.00	0.00	19807.55	19770.47	0.31	19770.78	10.29
819	1638.00	0.00	0.00	19770.47	19733.53	0.31	19733.83	10.29
820	1640.00	0.00	0.00	19733.53	19696.72	0.31	19697.02	10.29
821	1642.00	0.00	0.00	19696.72	19660.04	0.31	19660.35	10.29
822	1644.00	0.00	0.00	19660.04	19623.51	0.30	19623.81	10.29
823	1646.00	0.00	0.00	19623.51	19587.11	0.30	19587.41	10.29
824	1648.00	0.00	0.00	19587.11	19550.84	0.30	19551.14	10.29
825	1650.00	0.00	0.00	19550.84	19514.71	0.30	19515.01	10.29
826	1652.00	0.00	0.00	19514.71	19478.71	0.30	19479.01	10.29
827	1654.00	0.00	0.00	19478.71	19442.85	0.30	19443.15	10.29
828	1656.00	0.00	0.00	19442.85	19407.12	0.30	19407.41	10.29
829	1658.00	0.00	0.00	19407.12	19371.52	0.30	19371.81	10.29
830	1660.00	0.00	0.00	19371.52	19336.05	0.30	19336.35	10.29
831	1662.00	0.00	0.00	19336.05	19300.72	0.29	19301.01	10.28
832	1664.00	0.00	0.00	19300.72	19265.51	0.29	19265.80	10.28
833	1666.00	0.00	0.00	19265.51	19230.44	0.29	19230.73	10.28
834	1668.00	0.00	0.00	19230.44	19195.49	0.29	19195.79	10.28
835	1670.00	0.00	0.00	19195.49	19160.68	0.29	19160.97	10.28
836	1672.00	0.00	0.00	19160.68	19126.00	0.29	19126.28	10.28
837	1674.00	0.00	0.00	19126.00	19091.44	0.29	19091.73	10.28
838	1676.00	0.00	0.00	19091.44	19057.01	0.29	19057.30	10.28
839	1678.00	0.00	0.00	19057.01	19022.71	0.29	19022.99	10.28
840	1680.00	0.00	0.00	19022.71	18988.54	0.28	18988.82	10.28
841	1682.00	0.00	0.00	18988.54	18954.49	0.28	18954.77	10.28
842	1684.00	0.00	0.00	18954.49	18920.57	0.28	18920.85	10.28
843	1686.00	0.00	0.00	18920.57	18886.77	0.28	18887.05	10.28
844	1688.00	0.00	0.00	18886.77	18853.10	0.28	18853.38	10.28
845	1690.00	0.00	0.00	18853.10	18819.56	0.28	18819.84	10.28
846	1692.00	0.00	0.00	18819.56	18786.14	0.28	18786.42	10.28
847	1694.00	0.00	0.00	18786.14	18752.84	0.28	18753.12	10.28
848	1696.00	0.00	0.00	18752.84	18719.67	0.28	18719.94	10.28
849	1698.00	0.00	0.00	18719.67	18686.62	0.27	18686.89	10.28
850	1700.00	0.00	0.00	18686.62	18653.69	0.27	18653.96	10.28
851	1702.00	0.00	0.00	18653.69	18620.88	0.27	18621.16	10.28
852	1704.00	0.00	0.00	18620.88	18588.20	0.27	18588.47	10.27
853	1706.00	0.00	0.00	18588.20	18555.64	0.27	18555.91	10.27
854	1708.00	0.00	0.00	18555.64	18523.19	0.27	18523.46	10.27
855	1710.00	0.00	0.00	18523.19	18490.87	0.27	18491.14	10.27
856	1712.00	0.00	0.00	18490.87	18458.67	0.27	18458.94	10.27

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857	1714.00	0.00	0.00	18458.67	18426.59	0.27	18426.85	10.27
858	1716.00	0.00	0.00	18426.59	18394.62	0.27	18394.89	10.27
859	1718.00	0.00	0.00	18394.62	18362.78	0.26	18363.04	10.27
860	1720.00	0.00	0.00	18362.78	18331.05	0.26	18331.31	10.27
861	1722.00	0.00	0.00	18331.05	18299.44	0.26	18299.70	10.27
862	1724.00	0.00	0.00	18299.44	18267.95	0.26	18268.21	10.27
863	1726.00	0.00	0.00	18267.95	18236.57	0.26	18236.83	10.27
864	1728.00	0.00	0.00	18236.57	18205.31	0.26	18205.57	10.27
865	1730.00	0.00	0.00	18205.31	18174.17	0.26	18174.43	10.27
866	1732.00	0.00	0.00	18174.17	18143.14	0.26	18143.40	10.27
867	1734.00	0.00	0.00	18143.14	18112.23	0.26	18112.49	10.27
868	1736.00	0.00	0.00	18112.23	18081.43	0.26	18081.69	10.27
869	1738.00	0.00	0.00	18081.43	18050.75	0.26	18051.00	10.27
870	1740.00	0.00	0.00	18050.75	18020.18	0.25	18020.43	10.27
871	1742.00	0.00	0.00	18020.18	17989.72	0.25	17989.97	10.27
872	1744.00	0.00	0.00	17989.72	17959.37	0.25	17959.63	10.27
873	1746.00	0.00	0.00	17959.37	17929.14	0.25	17929.39	10.27
874	1748.00	0.00	0.00	17929.14	17899.02	0.25	17899.27	10.26
875	1750.00	0.00	0.00	17899.02	17869.01	0.25	17869.26	10.26
876	1752.00	0.00	0.00	17869.01	17839.12	0.25	17839.37	10.26
877	1754.00	0.00	0.00	17839.12	17809.33	0.25	17809.58	10.26
878	1756.00	0.00	0.00	17809.33	17779.66	0.25	17779.90	10.26
879	1758.00	0.00	0.00	17779.66	17750.09	0.25	17750.34	10.26
880	1760.00	0.00	0.00	17750.09	17720.63	0.25	17720.88	10.26
881	1762.00	0.00	0.00	17720.63	17691.29	0.24	17691.53	10.26
882	1764.00	0.00	0.00	17691.29	17662.05	0.24	17662.29	10.26
883	1766.00	0.00	0.00	17662.05	17632.92	0.24	17633.16	10.26
884	1768.00	0.00	0.00	17632.92	17603.90	0.24	17604.14	10.26
885	1770.00	0.00	0.00	17603.90	17574.98	0.24	17575.22	10.26
886	1772.00	0.00	0.00	17574.98	17546.18	0.24	17546.42	10.26
887	1774.00	0.00	0.00	17546.18	17517.48	0.24	17517.72	10.26
888	1776.00	0.00	0.00	17517.48	17488.88	0.24	17489.12	10.26
889	1778.00	0.00	0.00	17488.88	17460.40	0.24	17460.63	10.26
890	1780.00	0.00	0.00	17460.40	17432.01	0.24	17432.25	10.26
891	1782.00	0.00	0.00	17432.01	17403.74	0.24	17403.97	10.26
892	1784.00	0.00	0.00	17403.74	17375.57	0.23	17375.80	10.26
893	1786.00	0.00	0.00	17375.57	17347.50	0.23	17347.73	10.26
894	1788.00	0.00	0.00	17347.50	17319.53	0.23	17319.77	10.26
895	1790.00	0.00	0.00	17319.53	17291.67	0.23	17291.91	10.26
896	1792.00	0.00	0.00	17291.67	17263.92	0.23	17264.15	10.26
897	1794.00	0.00	0.00	17263.92	17236.26	0.23	17236.49	10.25
898	1796.00	0.00	0.00	17236.26	17208.71	0.23	17208.94	10.25
899	1798.00	0.00	0.00	17208.71	17181.26	0.23	17181.49	10.25
900	1800.00	0.00	0.00	17181.26	17153.92	0.23	17154.14	10.25
901	1802.00	0.00	0.00	17153.92	17126.67	0.23	17126.90	10.25
902	1804.00	0.00	0.00	17126.67	17099.53	0.23	17099.75	10.25
903	1806.00	0.00	0.00	17099.53	17072.48	0.22	17072.71	10.25
904	1808.00	0.00	0.00	17072.48	17045.54	0.22	17045.76	10.25

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905	1810.00	0.00	0.00	17045.54	17018.69	0.22	17018.92	10.25
906	1812.00	0.00	0.00	17018.69	16991.95	0.22	16992.17	10.25
907	1814.00	0.00	0.00	16991.95	16965.30	0.22	16965.52	10.25
908	1816.00	0.00	0.00	16965.30	16938.76	0.22	16938.98	10.25
909	1818.00	0.00	0.00	16938.76	16912.31	0.22	16912.53	10.25
910	1820.00	0.00	0.00	16912.31	16885.95	0.22	16886.17	10.25
911	1822.00	0.00	0.00	16885.95	16859.66	0.22	16859.88	10.25
912	1824.00	0.00	0.00	16859.66	16833.41	0.22	16833.62	10.25
913	1826.00	0.00	0.00	16833.41	16807.19	0.22	16807.41	10.25
914	1828.00	0.00	0.00	16807.19	16781.02	0.22	16781.24	10.25
915	1830.00	0.00	0.00	16781.02	16754.89	0.22	16755.11	10.25
916	1832.00	0.00	0.00	16754.89	16728.80	0.22	16729.02	10.25
917	1834.00	0.00	0.00	16728.80	16702.75	0.22	16702.97	10.25
918	1836.00	0.00	0.00	16702.75	16676.75	0.22	16676.96	10.25
919	1838.00	0.00	0.00	16676.75	16650.78	0.22	16650.99	10.25
920	1840.00	0.00	0.00	16650.78	16624.85	0.22	16625.07	10.25
921	1842.00	0.00	0.00	16624.85	16598.96	0.22	16599.18	10.25
922	1844.00	0.00	0.00	16598.96	16573.12	0.22	16573.33	10.25
923	1846.00	0.00	0.00	16573.12	16547.31	0.21	16547.53	10.24
924	1848.00	0.00	0.00	16547.31	16521.54	0.21	16521.76	10.24
925	1850.00	0.00	0.00	16521.54	16495.82	0.21	16496.03	10.24
926	1852.00	0.00	0.00	16495.82	16470.13	0.21	16470.35	10.24
927	1854.00	0.00	0.00	16470.13	16444.49	0.21	16444.70	10.24
928	1856.00	0.00	0.00	16444.49	16418.88	0.21	16419.09	10.24
929	1858.00	0.00	0.00	16418.88	16393.31	0.21	16393.53	10.24
930	1860.00	0.00	0.00	16393.31	16367.79	0.21	16368.00	10.24
931	1862.00	0.00	0.00	16367.79	16342.30	0.21	16342.51	10.24
932	1864.00	0.00	0.00	16342.30	16316.85	0.21	16317.06	10.24
933	1866.00	0.00	0.00	16316.85	16291.45	0.21	16291.66	10.24
934	1868.00	0.00	0.00	16291.45	16266.08	0.21	16266.29	10.24
935	1870.00	0.00	0.00	16266.08	16240.75	0.21	16240.96	10.24
936	1872.00	0.00	0.00	16240.75	16215.46	0.21	16215.67	10.24
937	1874.00	0.00	0.00	16215.46	16190.21	0.21	16190.42	10.24
938	1876.00	0.00	0.00	16190.21	16165.00	0.21	16165.21	10.24
939	1878.00	0.00	0.00	16165.00	16139.83	0.21	16140.04	10.24
940	1880.00	0.00	0.00	16139.83	16114.70	0.21	16114.91	10.24
941	1882.00	0.00	0.00	16114.70	16089.61	0.21	16089.81	10.24
942	1884.00	0.00	0.00	16089.61	16064.55	0.21	16064.76	10.24
943	1886.00	0.00	0.00	16064.55	16039.54	0.21	16039.75	10.24
944	1888.00	0.00	0.00	16039.54	16014.56	0.21	16014.77	10.24
945	1890.00	0.00	0.00	16014.56	15989.62	0.21	15989.83	10.24
946	1892.00	0.00	0.00	15989.62	15964.73	0.21	15964.93	10.24
947	1894.00	0.00	0.00	15964.73	15939.87	0.21	15940.07	10.24
948	1896.00	0.00	0.00	15939.87	15915.05	0.21	15915.25	10.24
949	1898.00	0.00	0.00	15915.05	15890.27	0.21	15890.47	10.24
950	1900.00	0.00	0.00	15890.27	15865.52	0.21	15865.73	10.23
951	1902.00	0.00	0.00	15865.52	15840.82	0.21	15841.02	10.23
952	1904.00	0.00	0.00	15840.82	15816.15	0.21	15816.36	10.23

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953	1906.00	0.00	0.00	15816.15	15791.52	0.21	15791.73	10.23
954	1908.00	0.00	0.00	15791.52	15766.93	0.20	15767.14	10.23
955	1910.00	0.00	0.00	15766.93	15742.38	0.20	15742.59	10.23
956	1912.00	0.00	0.00	15742.38	15717.87	0.20	15718.07	10.23
957	1914.00	0.00	0.00	15717.87	15693.40	0.20	15693.60	10.23
958	1916.00	0.00	0.00	15693.40	15668.96	0.20	15669.16	10.23
959	1918.00	0.00	0.00	15668.96	15644.56	0.20	15644.76	10.23
960	1920.00	0.00	0.00	15644.56	15620.20	0.20	15620.40	10.23
961	1922.00	0.00	0.00	15620.20	15595.88	0.20	15596.08	10.23
962	1924.00	0.00	0.00	15595.88	15571.59	0.20	15571.79	10.23
963	1926.00	0.00	0.00	15571.59	15547.35	0.20	15547.55	10.23
964	1928.00	0.00	0.00	15547.35	15523.14	0.20	15523.34	10.23
965	1930.00	0.00	0.00	15523.14	15498.96	0.20	15499.17	10.23
966	1932.00	0.00	0.00	15498.96	15474.83	0.20	15475.03	10.23
967	1934.00	0.00	0.00	15474.83	15450.73	0.20	15450.94	10.23
968	1936.00	0.00	0.00	15450.73	15426.68	0.20	15426.88	10.23
969	1938.00	0.00	0.00	15426.68	15402.65	0.20	15402.85	10.23
970	1940.00	0.00	0.00	15402.65	15378.67	0.20	15378.87	10.23
971	1942.00	0.00	0.00	15378.67	15354.72	0.20	15354.92	10.23
972	1944.00	0.00	0.00	15354.72	15330.82	0.20	15331.01	10.23
973	1946.00	0.00	0.00	15330.82	15306.94	0.20	15307.14	10.23
974	1948.00	0.00	0.00	15306.94	15283.11	0.20	15283.31	10.23
975	1950.00	0.00	0.00	15283.11	15259.31	0.20	15259.51	10.23
976	1952.00	0.00	0.00	15259.31	15235.55	0.20	15235.75	10.23
977	1954.00	0.00	0.00	15235.55	15211.83	0.20	15212.02	10.23
978	1956.00	0.00	0.00	15211.83	15188.14	0.20	15188.34	10.22
979	1958.00	0.00	0.00	15188.14	15164.49	0.20	15164.69	10.22
980	1960.00	0.00	0.00	15164.49	15140.88	0.20	15141.07	10.22
981	1962.00	0.00	0.00	15140.88	15117.30	0.20	15117.50	10.22
982	1964.00	0.00	0.00	15117.30	15093.76	0.20	15093.96	10.22
983	1966.00	0.00	0.00	15093.76	15070.26	0.20	15070.45	10.22
984	1968.00	0.00	0.00	15070.26	15046.79	0.20	15046.99	10.22
985	1970.00	0.00	0.00	15046.79	15023.36	0.20	15023.56	10.22
986	1972.00	0.00	0.00	15023.36	14999.97	0.19	15000.16	10.22
987	1974.00	0.00	0.00	14999.97	14976.61	0.19	14976.81	10.22
988	1976.00	0.00	0.00	14976.61	14953.29	0.19	14953.49	10.22
989	1978.00	0.00	0.00	14953.29	14930.01	0.19	14930.20	10.22
990	1980.00	0.00	0.00	14930.01	14906.76	0.19	14906.95	10.22
991	1982.00	0.00	0.00	14906.76	14883.55	0.19	14883.74	10.22
992	1984.00	0.00	0.00	14883.55	14860.37	0.19	14860.56	10.22
993	1986.00	0.00	0.00	14860.37	14837.23	0.19	14837.42	10.22
994	1988.00	0.00	0.00	14837.23	14814.13	0.19	14814.32	10.22
995	1990.00	0.00	0.00	14814.13	14791.06	0.19	14791.25	10.22
996	1992.00	0.00	0.00	14791.06	14768.03	0.19	14768.22	10.22
997	1994.00	0.00	0.00	14768.03	14745.03	0.19	14745.23	10.22
998	1996.00	0.00	0.00	14745.03	14722.07	0.19	14722.27	10.22
999	1998.00	0.00	0.00	14722.07	14699.15	0.19	14699.34	10.22
1000	2000.00	0.00	0.00	14699.15	14676.26	0.19	14676.45	10.22

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1001	2002.00	0.00	0.00	14676.26	14653.41	0.19	14653.60	10.22
1002	2004.00	0.00	0.00	14653.41	14630.59	0.19	14630.78	10.22
1003	2006.00	0.00	0.00	14630.59	14607.81	0.19	14608.00	10.22
1004	2008.00	0.00	0.00	14607.81	14585.06	0.19	14585.25	10.22
1005	2010.00	0.00	0.00	14585.06	14562.35	0.19	14562.54	10.22
1006	2012.00	0.00	0.00	14562.35	14539.68	0.19	14539.87	10.22
1007	2014.00	0.00	0.00	14539.68	14517.04	0.19	14517.23	10.21
1008	2016.00	0.00	0.00	14517.04	14494.43	0.19	14494.62	10.21
1009	2018.00	0.00	0.00	14494.43	14471.86	0.19	14472.05	10.21
1010	2020.00	0.00	0.00	14471.86	14449.33	0.19	14449.52	10.21
1011	2022.00	0.00	0.00	14449.33	14426.83	0.19	14427.02	10.21
1012	2024.00	0.00	0.00	14426.83	14404.36	0.19	14404.55	10.21
1013	2026.00	0.00	0.00	14404.36	14381.93	0.19	14382.12	10.21
1014	2028.00	0.00	0.00	14381.93	14359.54	0.19	14359.73	10.21
1015	2030.00	0.00	0.00	14359.54	14337.18	0.19	14337.37	10.21
1016	2032.00	0.00	0.00	14337.18	14314.86	0.19	14315.04	10.21
1017	2034.00	0.00	0.00	14314.86	14292.57	0.19	14292.75	10.21
1018	2036.00	0.00	0.00	14292.57	14270.31	0.19	14270.50	10.21
1019	2038.00	0.00	0.00	14270.31	14248.09	0.19	14248.27	10.21
1020	2040.00	0.00	0.00	14248.09	14225.90	0.18	14226.09	10.21
1021	2042.00	0.00	0.00	14225.90	14203.75	0.18	14203.94	10.21
1022	2044.00	0.00	0.00	14203.75	14181.63	0.18	14181.82	10.21
1023	2046.00	0.00	0.00	14181.63	14159.55	0.18	14159.74	10.21
1024	2048.00	0.00	0.00	14159.55	14137.50	0.18	14137.69	10.21
1025	2050.00	0.00	0.00	14137.50	14115.49	0.18	14115.67	10.21
1026	2052.00	0.00	0.00	14115.49	14093.51	0.18	14093.69	10.21
1027	2054.00	0.00	0.00	14093.51	14071.57	0.18	14071.75	10.21
1028	2056.00	0.00	0.00	14071.57	14049.65	0.18	14049.84	10.21
1029	2058.00	0.00	0.00	14049.65	14027.78	0.18	14027.96	10.21
1030	2060.00	0.00	0.00	14027.78	14005.93	0.18	14006.12	10.21
1031	2062.00	0.00	0.00	14005.93	13984.12	0.18	13984.31	10.21
1032	2064.00	0.00	0.00	13984.12	13962.35	0.18	13962.53	10.21
1033	2066.00	0.00	0.00	13962.35	13940.61	0.18	13940.79	10.21
1034	2068.00	0.00	0.00	13940.61	13918.90	0.18	13919.08	10.21
1035	2070.00	0.00	0.00	13918.90	13897.23	0.18	13897.41	10.21
1036	2072.00	0.00	0.00	13897.23	13875.59	0.18	13875.77	10.21
1037	2074.00	0.00	0.00	13875.59	13853.98	0.18	13854.16	10.21
1038	2076.00	0.00	0.00	13853.98	13832.41	0.18	13832.59	10.20
1039	2078.00	0.00	0.00	13832.41	13810.87	0.18	13811.05	10.20
1040	2080.00	0.00	0.00	13810.87	13789.37	0.18	13789.54	10.20
1041	2082.00	0.00	0.00	13789.37	13767.89	0.18	13768.07	10.20
1042	2084.00	0.00	0.00	13767.89	13746.46	0.18	13746.63	10.20
1043	2086.00	0.00	0.00	13746.46	13725.05	0.18	13725.23	10.20
1044	2088.00	0.00	0.00	13725.05	13703.68	0.18	13703.86	10.20
1045	2090.00	0.00	0.00	13703.68	13682.34	0.18	13682.52	10.20
1046	2092.00	0.00	0.00	13682.34	13661.04	0.18	13661.21	10.20
1047	2094.00	0.00	0.00	13661.04	13639.76	0.18	13639.94	10.20
1048	2096.00	0.00	0.00	13639.76	13618.52	0.18	13618.70	10.20

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1049	2098.00	0.00	0.00	13618.52	13597.32	0.18	13597.50	10.20
1050	2100.00	0.00	0.00	13597.32	13576.15	0.18	13576.32	10.20
1051	2102.00	0.00	0.00	13576.15	13555.01	0.18	13555.18	10.20
1052	2104.00	0.00	0.00	13555.01	13533.90	0.18	13534.07	10.20
1053	2106.00	0.00	0.00	13533.90	13512.83	0.18	13513.00	10.20
1054	2108.00	0.00	0.00	13512.83	13491.78	0.18	13491.96	10.20
1055	2110.00	0.00	0.00	13491.78	13470.78	0.17	13470.95	10.20
1056	2112.00	0.00	0.00	13470.78	13449.80	0.17	13449.97	10.20
1057	2114.00	0.00	0.00	13449.80	13428.86	0.17	13429.03	10.20
1058	2116.00	0.00	0.00	13428.86	13407.95	0.17	13408.12	10.20
1059	2118.00	0.00	0.00	13407.95	13387.07	0.17	13387.24	10.20
1060	2120.00	0.00	0.00	13387.07	13366.22	0.17	13366.40	10.20
1061	2122.00	0.00	0.00	13366.22	13345.41	0.17	13345.58	10.20
1062	2124.00	0.00	0.00	13345.41	13324.63	0.17	13324.80	10.20
1063	2126.00	0.00	0.00	13324.63	13303.88	0.17	13304.05	10.20
1064	2128.00	0.00	0.00	13303.88	13283.17	0.17	13283.34	10.20
1065	2130.00	0.00	0.00	13283.17	13262.48	0.17	13262.65	10.20
1066	2132.00	0.00	0.00	13262.48	13241.83	0.17	13242.00	10.20
1067	2134.00	0.00	0.00	13241.83	13221.21	0.17	13221.38	10.20
1068	2136.00	0.00	0.00	13221.21	13200.62	0.17	13200.80	10.20
1069	2138.00	0.00	0.00	13200.62	13180.07	0.17	13180.24	10.20
1070	2140.00	0.00	0.00	13180.07	13159.55	0.17	13159.72	10.19
1071	2142.00	0.00	0.00	13159.55	13139.06	0.17	13139.23	10.19
1072	2144.00	0.00	0.00	13139.06	13118.60	0.17	13118.77	10.19
1073	2146.00	0.00	0.00	13118.60	13098.17	0.17	13098.34	10.19
1074	2148.00	0.00	0.00	13098.17	13077.77	0.17	13077.94	10.19
1075	2150.00	0.00	0.00	13077.77	13057.41	0.17	13057.58	10.19
1076	2152.00	0.00	0.00	13057.41	13037.08	0.17	13037.25	10.19
1077	2154.00	0.00	0.00	13037.08	13016.78	0.17	13016.95	10.19
1078	2156.00	0.00	0.00	13016.78	12996.51	0.17	12996.68	10.19
1079	2158.00	0.00	0.00	12996.51	12976.27	0.17	12976.44	10.19
1080	2160.00	0.00	0.00	12976.27	12956.07	0.17	12956.23	10.19
1081	2162.00	0.00	0.00	12956.07	12935.89	0.17	12936.06	10.19
1082	2164.00	0.00	0.00	12935.89	12915.75	0.17	12915.92	10.19
1083	2166.00	0.00	0.00	12915.75	12895.64	0.17	12895.80	10.19
1084	2168.00	0.00	0.00	12895.64	12875.56	0.17	12875.72	10.19
1085	2170.00	0.00	0.00	12875.56	12855.51	0.17	12855.67	10.19
1086	2172.00	0.00	0.00	12855.51	12835.49	0.17	12835.66	10.19
1087	2174.00	0.00	0.00	12835.49	12815.50	0.17	12815.67	10.19
1088	2176.00	0.00	0.00	12815.50	12795.55	0.17	12795.71	10.19
1089	2178.00	0.00	0.00	12795.55	12775.62	0.17	12775.79	10.19
1090	2180.00	0.00	0.00	12775.62	12755.73	0.17	12755.90	10.19
1091	2182.00	0.00	0.00	12755.73	12735.87	0.17	12736.03	10.19
1092	2184.00	0.00	0.00	12735.87	12716.04	0.17	12716.20	10.19
1093	2186.00	0.00	0.00	12716.04	12696.24	0.16	12696.40	10.19
1094	2188.00	0.00	0.00	12696.24	12676.47	0.16	12676.63	10.19
1095	2190.00	0.00	0.00	12676.47	12656.73	0.16	12656.89	10.19
1096	2192.00	0.00	0.00	12656.73	12637.02	0.16	12637.18	10.19

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1097	2194.00	0.00	0.00	12637.02	12617.34	0.16	12617.51	10.19
1098	2196.00	0.00	0.00	12617.34	12597.70	0.16	12597.86	10.19
1099	2198.00	0.00	0.00	12597.70	12578.08	0.16	12578.24	10.19
1100	2200.00	0.00	0.00	12578.08	12558.49	0.16	12558.66	10.19
1101	2202.00	0.00	0.00	12558.49	12538.94	0.16	12539.10	10.19
1102	2204.00	0.00	0.00	12538.94	12519.41	0.16	12519.58	10.19
1103	2206.00	0.00	0.00	12519.41	12499.92	0.16	12500.08	10.19
1104	2208.00	0.00	0.00	12499.92	12480.46	0.16	12480.62	10.18
1105	2210.00	0.00	0.00	12480.46	12461.02	0.16	12461.18	10.18
1106	2212.00	0.00	0.00	12461.02	12441.62	0.16	12441.78	10.18
1107	2214.00	0.00	0.00	12441.62	12422.25	0.16	12422.41	10.18
1108	2216.00	0.00	0.00	12422.25	12402.90	0.16	12403.06	10.18
1109	2218.00	0.00	0.00	12402.90	12383.59	0.16	12383.75	10.18
1110	2220.00	0.00	0.00	12383.59	12364.31	0.16	12364.47	10.18
1111	2222.00	0.00	0.00	12364.31	12345.05	0.16	12345.21	10.18
1112	2224.00	0.00	0.00	12345.05	12325.83	0.16	12325.99	10.18
1113	2226.00	0.00	0.00	12325.83	12306.64	0.16	12306.80	10.18
1114	2228.00	0.00	0.00	12306.64	12287.47	0.16	12287.63	10.18
1115	2230.00	0.00	0.00	12287.47	12268.34	0.16	12268.50	10.18
1116	2232.00	0.00	0.00	12268.34	12249.24	0.16	12249.40	10.18
1117	2234.00	0.00	0.00	12249.24	12230.16	0.16	12230.32	10.18
1118	2236.00	0.00	0.00	12230.16	12211.12	0.16	12211.28	10.18
1119	2238.00	0.00	0.00	12211.12	12192.11	0.16	12192.26	10.18
1120	2240.00	0.00	0.00	12192.11	12173.12	0.16	12173.28	10.18
1121	2242.00	0.00	0.00	12173.12	12154.17	0.16	12154.32	10.18
1122	2244.00	0.00	0.00	12154.17	12135.24	0.16	12135.40	10.18
1123	2246.00	0.00	0.00	12135.24	12116.35	0.16	12116.50	10.18
1124	2248.00	0.00	0.00	12116.35	12097.48	0.16	12097.64	10.18
1125	2250.00	0.00	0.00	12097.48	12078.64	0.16	12078.80	10.18
1126	2252.00	0.00	0.00	12078.64	12059.83	0.16	12059.99	10.18
1127	2254.00	0.00	0.00	12059.83	12041.05	0.16	12041.21	10.18
1128	2256.00	0.00	0.00	12041.05	12022.30	0.16	12022.46	10.18
1129	2258.00	0.00	0.00	12022.30	12003.58	0.16	12003.74	10.18
1130	2260.00	0.00	0.00	12003.58	11984.89	0.16	11985.05	10.18
1131	2262.00	0.00	0.00	11984.89	11966.23	0.16	11966.39	10.18
1132	2264.00	0.00	0.00	11966.23	11947.60	0.16	11947.75	10.18
1133	2266.00	0.00	0.00	11947.60	11928.99	0.15	11929.15	10.18
1134	2268.00	0.00	0.00	11928.99	11910.42	0.15	11910.57	10.18
1135	2270.00	0.00	0.00	11910.42	11891.87	0.15	11892.03	10.18
1136	2272.00	0.00	0.00	11891.87	11873.36	0.15	11873.51	10.18
1137	2274.00	0.00	0.00	11873.36	11854.87	0.15	11855.02	10.18
1138	2276.00	0.00	0.00	11854.87	11836.41	0.15	11836.56	10.18
1139	2278.00	0.00	0.00	11836.41	11817.98	0.15	11818.13	10.17
1140	2280.00	0.00	0.00	11817.98	11799.58	0.15	11799.73	10.17
1141	2282.00	0.00	0.00	11799.58	11781.20	0.15	11781.36	10.17
1142	2284.00	0.00	0.00	11781.20	11762.86	0.15	11763.01	10.17
1143	2286.00	0.00	0.00	11762.86	11744.54	0.15	11744.69	10.17
1144	2288.00	0.00	0.00	11744.54	11726.25	0.15	11726.41	10.17

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1145	2290.00	0.00	0.00	11726.25	11707.99	0.15	11708.15	10.17
1146	2292.00	0.00	0.00	11707.99	11689.76	0.15	11689.92	10.17
1147	2294.00	0.00	0.00	11689.76	11671.56	0.15	11671.71	10.17
1148	2296.00	0.00	0.00	11671.56	11653.39	0.15	11653.54	10.17
1149	2298.00	0.00	0.00	11653.39	11635.24	0.15	11635.39	10.17
1150	2300.00	0.00	0.00	11635.24	11617.12	0.15	11617.27	10.17
1151	2302.00	0.00	0.00	11617.12	11599.03	0.15	11599.18	10.17
1152	2304.00	0.00	0.00	11599.03	11580.97	0.15	11581.12	10.17
1153	2306.00	0.00	0.00	11580.97	11562.94	0.15	11563.09	10.17
1154	2308.00	0.00	0.00	11562.94	11544.93	0.15	11545.08	10.17
1155	2310.00	0.00	0.00	11544.93	11526.96	0.15	11527.11	10.17
1156	2312.00	0.00	0.00	11526.96	11509.01	0.15	11509.16	10.17
1157	2314.00	0.00	0.00	11509.01	11491.09	0.15	11491.24	10.17
1158	2316.00	0.00	0.00	11491.09	11473.19	0.15	11473.34	10.17
1159	2318.00	0.00	0.00	11473.19	11455.33	0.15	11455.48	10.17
1160	2320.00	0.00	0.00	11455.33	11437.49	0.15	11437.64	10.17
1161	2322.00	0.00	0.00	11437.49	11419.68	0.15	11419.83	10.17
1162	2324.00	0.00	0.00	11419.68	11401.90	0.15	11402.05	10.17
1163	2326.00	0.00	0.00	11401.90	11384.15	0.15	11384.29	10.17
1164	2328.00	0.00	0.00	11384.15	11366.42	0.15	11366.57	10.17
1165	2330.00	0.00	0.00	11366.42	11348.72	0.15	11348.87	10.17
1166	2332.00	0.00	0.00	11348.72	11331.05	0.15	11331.20	10.17
1167	2334.00	0.00	0.00	11331.05	11313.41	0.15	11313.55	10.17
1168	2336.00	0.00	0.00	11313.41	11295.79	0.15	11295.94	10.17
1169	2338.00	0.00	0.00	11295.79	11278.20	0.15	11278.35	10.17
1170	2340.00	0.00	0.00	11278.20	11260.64	0.15	11260.78	10.17
1171	2342.00	0.00	0.00	11260.64	11243.10	0.15	11243.25	10.17
1172	2344.00	0.00	0.00	11243.10	11225.60	0.15	11225.74	10.17
1173	2346.00	0.00	0.00	11225.60	11208.12	0.15	11208.26	10.17
1174	2348.00	0.00	0.00	11208.12	11190.67	0.15	11190.81	10.17
1175	2350.00	0.00	0.00	11190.67	11173.24	0.15	11173.39	10.17
1176	2352.00	0.00	0.00	11173.24	11155.84	0.14	11155.99	10.17
1177	2354.00	0.00	0.00	11155.84	11138.47	0.14	11138.62	10.16
1178	2356.00	0.00	0.00	11138.47	11121.13	0.14	11121.27	10.16
1179	2358.00	0.00	0.00	11121.13	11103.81	0.14	11103.95	10.16
1180	2360.00	0.00	0.00	11103.81	11086.52	0.14	11086.66	10.16
1181	2362.00	0.00	0.00	11086.52	11069.26	0.14	11069.40	10.16
1182	2364.00	0.00	0.00	11069.26	11052.02	0.14	11052.16	10.16
1183	2366.00	0.00	0.00	11052.02	11034.81	0.14	11034.95	10.16
1184	2368.00	0.00	0.00	11034.81	11017.63	0.14	11017.77	10.16
1185	2370.00	0.00	0.00	11017.63	11000.47	0.14	11000.62	10.16
1186	2372.00	0.00	0.00	11000.47	10983.34	0.14	10983.49	10.16
1187	2374.00	0.00	0.00	10983.34	10966.24	0.14	10966.38	10.16
1188	2376.00	0.00	0.00	10966.24	10949.17	0.14	10949.31	10.16
1189	2378.00	0.00	0.00	10949.17	10932.12	0.14	10932.26	10.16
1190	2380.00	0.00	0.00	10932.12	10915.09	0.14	10915.23	10.16
1191	2382.00	0.00	0.00	10915.09	10898.10	0.14	10898.24	10.16
1192	2384.00	0.00	0.00	10898.10	10881.13	0.14	10881.27	10.16

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1193	2386.00	0.00	0.00	10881.13	10864.18	0.14	10864.32	10.16
1194	2388.00	0.00	0.00	10864.18	10847.27	0.14	10847.41	10.16
1195	2390.00	0.00	0.00	10847.27	10830.38	0.14	10830.52	10.16
1196	2392.00	0.00	0.00	10830.38	10813.51	0.14	10813.65	10.16
1197	2394.00	0.00	0.00	10813.51	10796.67	0.14	10796.81	10.16
1198	2396.00	0.00	0.00	10796.67	10779.86	0.14	10780.00	10.16
1199	2398.00	0.00	0.00	10779.86	10763.08	0.14	10763.22	10.16
1200	2400.00	0.00	0.00	10763.08	10746.32	0.14	10746.46	10.16
1201	2402.00	0.00	0.00	10746.32	10729.58	0.14	10729.72	10.16
1202	2404.00	0.00	0.00	10729.58	10712.88	0.14	10713.02	10.16
1203	2406.00	0.00	0.00	10712.88	10696.20	0.14	10696.33	10.16
1204	2408.00	0.00	0.00	10696.20	10679.54	0.14	10679.68	10.16
1205	2410.00	0.00	0.00	10679.54	10662.91	0.14	10663.05	10.16
1206	2412.00	0.00	0.00	10662.91	10646.31	0.14	10646.45	10.16
1207	2414.00	0.00	0.00	10646.31	10629.73	0.14	10629.87	10.16
1208	2416.00	0.00	0.00	10629.73	10613.18	0.14	10613.32	10.16
1209	2418.00	0.00	0.00	10613.18	10596.65	0.14	10596.79	10.16
1210	2420.00	0.00	0.00	10596.65	10580.15	0.14	10580.29	10.16
1211	2422.00	0.00	0.00	10580.15	10563.68	0.14	10563.81	10.16
1212	2424.00	0.00	0.00	10563.68	10547.23	0.14	10547.36	10.16
1213	2426.00	0.00	0.00	10547.23	10530.80	0.14	10530.94	10.16
1214	2428.00	0.00	0.00	10530.80	10514.41	0.14	10514.54	10.16
1215	2430.00	0.00	0.00	10514.41	10498.03	0.14	10498.17	10.16
1216	2432.00	0.00	0.00	10498.03	10481.69	0.14	10481.82	10.16
1217	2434.00	0.00	0.00	10481.69	10465.37	0.14	10465.50	10.15
1218	2436.00	0.00	0.00	10465.37	10449.07	0.14	10449.21	10.15
1219	2438.00	0.00	0.00	10449.07	10432.80	0.14	10432.93	10.15
1220	2440.00	0.00	0.00	10432.80	10416.55	0.14	10416.69	10.15
1221	2442.00	0.00	0.00	10416.55	10400.33	0.14	10400.47	10.15
1222	2444.00	0.00	0.00	10400.33	10384.14	0.13	10384.27	10.15
1223	2446.00	0.00	0.00	10384.14	10367.97	0.13	10368.10	10.15
1224	2448.00	0.00	0.00	10367.97	10351.83	0.13	10351.96	10.15
1225	2450.00	0.00	0.00	10351.83	10335.71	0.13	10335.84	10.15
1226	2452.00	0.00	0.00	10335.71	10319.61	0.13	10319.75	10.15
1227	2454.00	0.00	0.00	10319.61	10303.54	0.13	10303.68	10.15
1228	2456.00	0.00	0.00	10303.54	10287.50	0.13	10287.63	10.15
1229	2458.00	0.00	0.00	10287.50	10271.48	0.13	10271.61	10.15
1230	2460.00	0.00	0.00	10271.48	10255.49	0.13	10255.62	10.15
1231	2462.00	0.00	0.00	10255.49	10239.52	0.13	10239.65	10.15
1232	2464.00	0.00	0.00	10239.52	10223.57	0.13	10223.71	10.15
1233	2466.00	0.00	0.00	10223.57	10207.65	0.13	10207.79	10.15
1234	2468.00	0.00	0.00	10207.65	10191.76	0.13	10191.89	10.15
1235	2470.00	0.00	0.00	10191.76	10175.89	0.13	10176.02	10.15
1236	2472.00	0.00	0.00	10175.89	10160.04	0.13	10160.18	10.15
1237	2474.00	0.00	0.00	10160.04	10144.22	0.13	10144.36	10.15
1238	2476.00	0.00	0.00	10144.22	10128.43	0.13	10128.56	10.15
1239	2478.00	0.00	0.00	10128.43	10112.66	0.13	10112.79	10.15
1240	2480.00	0.00	0.00	10112.66	10096.91	0.13	10097.04	10.15

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1241	2482.00	0.00	0.00	10096.91	10081.19	0.13	10081.32	10.15
1242	2484.00	0.00	0.00	10081.19	10065.49	0.13	10065.62	10.15
1243	2486.00	0.00	0.00	10065.49	10049.82	0.13	10049.95	10.15
1244	2488.00	0.00	0.00	10049.82	10034.17	0.13	10034.30	10.15
1245	2490.00	0.00	0.00	10034.17	10018.54	0.13	10018.67	10.15
1246	2492.00	0.00	0.00	10018.54	10002.94	0.13	10003.07	10.15
1247	2494.00	0.00	0.00	10002.94	9987.37	0.13	9987.50	10.15
1248	2496.00	0.00	0.00	9987.37	9971.82	0.13	9971.95	10.15
1249	2498.00	0.00	0.00	9971.82	9956.29	0.13	9956.42	10.15
1250	2500.00	0.00	0.00	9956.29	9940.79	0.13	9940.91	10.15
1251	2502.00	0.00	0.00	9940.79	9925.31	0.13	9925.44	10.15
1252	2504.00	0.00	0.00	9925.31	9909.85	0.13	9909.98	10.15
1253	2506.00	0.00	0.00	9909.85	9894.42	0.13	9894.55	10.15
1254	2508.00	0.00	0.00	9894.42	9879.01	0.13	9879.14	10.15
1255	2510.00	0.00	0.00	9879.01	9863.63	0.13	9863.76	10.15
1256	2512.00	0.00	0.00	9863.63	9848.27	0.13	9848.40	10.15
1257	2514.00	0.00	0.00	9848.27	9832.94	0.13	9833.06	10.15
1258	2516.00	0.00	0.00	9832.94	9817.63	0.13	9817.75	10.15
1259	2518.00	0.00	0.00	9817.63	9802.34	0.13	9802.47	10.15
1260	2520.00	0.00	0.00	9802.34	9787.08	0.13	9787.20	10.14
1261	2522.00	0.00	0.00	9787.08	9771.84	0.13	9771.96	10.14
1262	2524.00	0.00	0.00	9771.84	9756.62	0.13	9756.75	10.14
1263	2526.00	0.00	0.00	9756.62	9741.43	0.13	9741.55	10.14
1264	2528.00	0.00	0.00	9741.43	9726.26	0.13	9726.38	10.14
1265	2530.00	0.00	0.00	9726.26	9711.11	0.13	9711.24	10.14
1266	2532.00	0.00	0.00	9711.11	9695.99	0.13	9696.12	10.14
1267	2534.00	0.00	0.00	9695.99	9680.89	0.13	9681.02	10.14
1268	2536.00	0.00	0.00	9680.89	9665.82	0.13	9665.95	10.14
1269	2538.00	0.00	0.00	9665.82	9650.77	0.13	9650.89	10.14
1270	2540.00	0.00	0.00	9650.77	9635.74	0.13	9635.87	10.14
1271	2542.00	0.00	0.00	9635.74	9620.74	0.12	9620.86	10.14
1272	2544.00	0.00	0.00	9620.74	9605.76	0.12	9605.88	10.14
1273	2546.00	0.00	0.00	9605.76	9590.80	0.12	9590.92	10.14
1274	2548.00	0.00	0.00	9590.80	9575.87	0.12	9575.99	10.14
1275	2550.00	0.00	0.00	9575.87	9560.95	0.12	9561.08	10.14
1276	2552.00	0.00	0.00	9560.95	9546.07	0.12	9546.19	10.14
1277	2554.00	0.00	0.00	9546.07	9531.20	0.12	9531.33	10.14
1278	2556.00	0.00	0.00	9531.20	9516.36	0.12	9516.48	10.14
1279	2558.00	0.00	0.00	9516.36	9501.54	0.12	9501.67	10.14
1280	2560.00	0.00	0.00	9501.54	9486.75	0.12	9486.87	10.14
1281	2562.00	0.00	0.00	9486.75	9471.98	0.12	9472.10	10.14
1282	2564.00	0.00	0.00	9471.98	9457.23	0.12	9457.35	10.14
1283	2566.00	0.00	0.00	9457.23	9442.50	0.12	9442.62	10.14
1284	2568.00	0.00	0.00	9442.50	9427.80	0.12	9427.92	10.14
1285	2570.00	0.00	0.00	9427.80	9413.12	0.12	9413.24	10.14
1286	2572.00	0.00	0.00	9413.12	9398.46	0.12	9398.58	10.14
1287	2574.00	0.00	0.00	9398.46	9383.82	0.12	9383.95	10.14
1288	2576.00	0.00	0.00	9383.82	9369.21	0.12	9369.33	10.14

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1289	2578.00	0.00	0.00	9369.21	9354.62	0.12	9354.75	10.14
1290	2580.00	0.00	0.00	9354.62	9340.06	0.12	9340.18	10.14
1291	2582.00	0.00	0.00	9340.06	9325.51	0.12	9325.64	10.14
1292	2584.00	0.00	0.00	9325.51	9310.99	0.12	9311.11	10.14
1293	2586.00	0.00	0.00	9310.99	9296.49	0.12	9296.62	10.14
1294	2588.00	0.00	0.00	9296.49	9282.02	0.12	9282.14	10.14
1295	2590.00	0.00	0.00	9282.02	9267.57	0.12	9267.69	10.14
1296	2592.00	0.00	0.00	9267.57	9253.13	0.12	9253.25	10.14
1297	2594.00	0.00	0.00	9253.13	9238.73	0.12	9238.85	10.14
1298	2596.00	0.00	0.00	9238.73	9224.34	0.12	9224.46	10.14
1299	2598.00	0.00	0.00	9224.34	9209.98	0.12	9210.10	10.14
1300	2600.00	0.00	0.00	9209.98	9195.64	0.12	9195.76	10.14
1301	2602.00	0.00	0.00	9195.64	9181.32	0.12	9181.44	10.14
1302	2604.00	0.00	0.00	9181.32	9167.02	0.12	9167.14	10.14
1303	2606.00	0.00	0.00	9167.02	9152.75	0.12	9152.87	10.14
1304	2608.00	0.00	0.00	9152.75	9138.49	0.12	9138.61	10.14
1305	2610.00	0.00	0.00	9138.49	9124.26	0.12	9124.38	10.14
1306	2612.00	0.00	0.00	9124.26	9110.06	0.12	9110.18	10.13
1307	2614.00	0.00	0.00	9110.06	9095.87	0.12	9095.99	10.13
1308	2616.00	0.00	0.00	9095.87	9081.71	0.12	9081.83	10.13
1309	2618.00	0.00	0.00	9081.71	9067.57	0.12	9067.68	10.13
1310	2620.00	0.00	0.00	9067.57	9053.45	0.12	9053.56	10.13
1311	2622.00	0.00	0.00	9053.45	9039.35	0.12	9039.47	10.13
1312	2624.00	0.00	0.00	9039.35	9025.27	0.12	9025.39	10.13
1313	2626.00	0.00	0.00	9025.27	9011.22	0.12	9011.34	10.13
1314	2628.00	0.00	0.00	9011.22	8997.19	0.12	8997.31	10.13
1315	2630.00	0.00	0.00	8997.19	8983.18	0.12	8983.30	10.13
1316	2632.00	0.00	0.00	8983.18	8969.19	0.12	8969.31	10.13
1317	2634.00	0.00	0.00	8969.19	8955.23	0.12	8955.34	10.13
1318	2636.00	0.00	0.00	8955.23	8941.28	0.12	8941.40	10.13
1319	2638.00	0.00	0.00	8941.28	8927.36	0.12	8927.47	10.13
1320	2640.00	0.00	0.00	8927.36	8913.46	0.12	8913.57	10.13
1321	2642.00	0.00	0.00	8913.46	8899.58	0.12	8899.69	10.13
1322	2644.00	0.00	0.00	8899.58	8885.72	0.12	8885.84	10.13
1323	2646.00	0.00	0.00	8885.72	8871.88	0.12	8872.00	10.13
1324	2648.00	0.00	0.00	8871.88	8858.07	0.12	8858.18	10.13
1325	2650.00	0.00	0.00	8858.07	8844.28	0.11	8844.39	10.13
1326	2652.00	0.00	0.00	8844.28	8830.50	0.11	8830.62	10.13
1327	2654.00	0.00	0.00	8830.50	8816.75	0.11	8816.87	10.13
1328	2656.00	0.00	0.00	8816.75	8803.03	0.11	8803.14	10.13
1329	2658.00	0.00	0.00	8803.03	8789.32	0.11	8789.43	10.13
1330	2660.00	0.00	0.00	8789.32	8775.63	0.11	8775.75	10.13
1331	2662.00	0.00	0.00	8775.63	8761.97	0.11	8762.08	10.13
1332	2664.00	0.00	0.00	8761.97	8748.32	0.11	8748.44	10.13
1333	2666.00	0.00	0.00	8748.32	8734.70	0.11	8734.81	10.13
1334	2668.00	0.00	0.00	8734.70	8721.10	0.11	8721.21	10.13
1335	2670.00	0.00	0.00	8721.10	8707.52	0.11	8707.63	10.13
1336	2672.00	0.00	0.00	8707.52	8693.96	0.11	8694.07	10.13

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1337	2674.00	0.00	0.00	8693.96	8680.42	0.11	8680.54	10.13
1338	2676.00	0.00	0.00	8680.42	8666.91	0.11	8667.02	10.13
1339	2678.00	0.00	0.00	8666.91	8653.41	0.11	8653.52	10.13
1340	2680.00	0.00	0.00	8653.41	8639.94	0.11	8640.05	10.13
1341	2682.00	0.00	0.00	8639.94	8626.48	0.11	8626.60	10.13
1342	2684.00	0.00	0.00	8626.48	8613.05	0.11	8613.16	10.13
1343	2686.00	0.00	0.00	8613.05	8599.64	0.11	8599.75	10.13
1344	2688.00	0.00	0.00	8599.64	8586.25	0.11	8586.36	10.13
1345	2690.00	0.00	0.00	8586.25	8572.88	0.11	8572.99	10.13
1346	2692.00	0.00	0.00	8572.88	8559.53	0.11	8559.64	10.13
1347	2694.00	0.00	0.00	8559.53	8546.20	0.11	8546.31	10.13
1348	2696.00	0.00	0.00	8546.20	8532.89	0.11	8533.01	10.13
1349	2698.00	0.00	0.00	8532.89	8519.61	0.11	8519.72	10.13
1350	2700.00	0.00	0.00	8519.61	8506.34	0.11	8506.45	10.13
1351	2702.00	0.00	0.00	8506.34	8493.10	0.11	8493.21	10.13
1352	2704.00	0.00	0.00	8493.10	8479.87	0.11	8479.98	10.13
1353	2706.00	0.00	0.00	8479.87	8466.67	0.11	8466.78	10.13
1354	2708.00	0.00	0.00	8466.67	8453.48	0.11	8453.59	10.13
1355	2710.00	0.00	0.00	8453.48	8440.32	0.11	8440.43	10.12
1356	2712.00	0.00	0.00	8440.32	8427.18	0.11	8427.29	10.12
1357	2714.00	0.00	0.00	8427.18	8414.06	0.11	8414.16	10.12
1358	2716.00	0.00	0.00	8414.06	8400.95	0.11	8401.06	10.12
1359	2718.00	0.00	0.00	8400.95	8387.87	0.11	8387.98	10.12
1360	2720.00	0.00	0.00	8387.87	8374.81	0.11	8374.92	10.12
1361	2722.00	0.00	0.00	8374.81	8361.77	0.11	8361.88	10.12
1362	2724.00	0.00	0.00	8361.77	8348.75	0.11	8348.86	10.12
1363	2726.00	0.00	0.00	8348.75	8335.75	0.11	8335.86	10.12
1364	2728.00	0.00	0.00	8335.75	8322.77	0.11	8322.88	10.12
1365	2730.00	0.00	0.00	8322.77	8309.81	0.11	8309.92	10.12
1366	2732.00	0.00	0.00	8309.81	8296.87	0.11	8296.98	10.12
1367	2734.00	0.00	0.00	8296.87	8283.95	0.11	8284.06	10.12
1368	2736.00	0.00	0.00	8283.95	8271.05	0.11	8271.16	10.12
1369	2738.00	0.00	0.00	8271.05	8258.17	0.11	8258.28	10.12
1370	2740.00	0.00	0.00	8258.17	8245.31	0.11	8245.42	10.12
1371	2742.00	0.00	0.00	8245.31	8232.48	0.11	8232.58	10.12
1372	2744.00	0.00	0.00	8232.48	8219.66	0.11	8219.76	10.12
1373	2746.00	0.00	0.00	8219.66	8206.86	0.11	8206.96	10.12
1374	2748.00	0.00	0.00	8206.86	8194.08	0.11	8194.19	10.12
1375	2750.00	0.00	0.00	8194.08	8181.32	0.11	8181.43	10.12
1376	2752.00	0.00	0.00	8181.32	8168.58	0.11	8168.69	10.12
1377	2754.00	0.00	0.00	8168.58	8155.86	0.11	8155.97	10.12
1378	2756.00	0.00	0.00	8155.86	8143.16	0.11	8143.27	10.12
1379	2758.00	0.00	0.00	8143.16	8130.48	0.11	8130.59	10.12
1380	2760.00	0.00	0.00	8130.48	8117.82	0.11	8117.93	10.12
1381	2762.00	0.00	0.00	8117.82	8105.18	0.11	8105.29	10.12
1382	2764.00	0.00	0.00	8105.18	8092.56	0.11	8092.66	10.12
1383	2766.00	0.00	0.00	8092.56	8079.96	0.10	8080.06	10.12
1384	2768.00	0.00	0.00	8079.96	8067.38	0.10	8067.48	10.12

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1385	2770.00	0.00	0.00	8067.38	8054.81	0.10	8054.92	10.12
1386	2772.00	0.00	0.00	8054.81	8042.27	0.10	8042.38	10.12
1387	2774.00	0.00	0.00	8042.27	8029.75	0.10	8029.85	10.12
1388	2776.00	0.00	0.00	8029.75	8017.25	0.10	8017.35	10.12
1389	2778.00	0.00	0.00	8017.25	8004.76	0.10	8004.87	10.12
1390	2780.00	0.00	0.00	8004.76	7992.30	0.10	7992.40	10.12
1391	2782.00	0.00	0.00	7992.30	7979.85	0.10	7979.96	10.12
1392	2784.00	0.00	0.00	7979.85	7967.43	0.10	7967.53	10.12
1393	2786.00	0.00	0.00	7967.43	7955.02	0.10	7955.12	10.12
1394	2788.00	0.00	0.00	7955.02	7942.63	0.10	7942.74	10.12
1395	2790.00	0.00	0.00	7942.63	7930.27	0.10	7930.37	10.12
1396	2792.00	0.00	0.00	7930.27	7917.92	0.10	7918.02	10.12
1397	2794.00	0.00	0.00	7917.92	7905.59	0.10	7905.69	10.12
1398	2796.00	0.00	0.00	7905.59	7893.28	0.10	7893.38	10.12
1399	2798.00	0.00	0.00	7893.28	7880.99	0.10	7881.09	10.12
1400	2800.00	0.00	0.00	7880.99	7868.72	0.10	7868.82	10.12
1401	2802.00	0.00	0.00	7868.72	7856.46	0.10	7856.57	10.12
1402	2804.00	0.00	0.00	7856.46	7844.23	0.10	7844.33	10.12
1403	2806.00	0.00	0.00	7844.23	7832.02	0.10	7832.12	10.12
1404	2808.00	0.00	0.00	7832.02	7819.82	0.10	7819.92	10.12
1405	2810.00	0.00	0.00	7819.82	7807.64	0.10	7807.75	10.12
1406	2812.00	0.00	0.00	7807.64	7795.49	0.10	7795.59	10.12
1407	2814.00	0.00	0.00	7795.49	7783.35	0.10	7783.45	10.12
1408	2816.00	0.00	0.00	7783.35	7771.23	0.10	7771.33	10.12
1409	2818.00	0.00	0.00	7771.23	7759.13	0.10	7759.23	10.11
1410	2820.00	0.00	0.00	7759.13	7747.05	0.10	7747.15	10.11
1411	2822.00	0.00	0.00	7747.05	7734.98	0.10	7735.08	10.11
1412	2824.00	0.00	0.00	7734.98	7722.94	0.10	7723.04	10.11
1413	2826.00	0.00	0.00	7722.94	7710.91	0.10	7711.01	10.11
1414	2828.00	0.00	0.00	7710.91	7698.91	0.10	7699.01	10.11
1415	2830.00	0.00	0.00	7698.91	7686.92	0.10	7687.02	10.11
1416	2832.00	0.00	0.00	7686.92	7674.95	0.10	7675.05	10.11
1417	2834.00	0.00	0.00	7674.95	7663.00	0.10	7663.10	10.11
1418	2836.00	0.00	0.00	7663.00	7651.06	0.10	7651.16	10.11
1419	2838.00	0.00	0.00	7651.06	7639.15	0.10	7639.25	10.11
1420	2840.00	0.00	0.00	7639.15	7627.26	0.10	7627.35	10.11
1421	2842.00	0.00	0.00	7627.26	7615.38	0.10	7615.48	10.11
1422	2844.00	0.00	0.00	7615.38	7603.52	0.10	7603.62	10.11
1423	2846.00	0.00	0.00	7603.52	7591.68	0.10	7591.78	10.11
1424	2848.00	0.00	0.00	7591.68	7579.86	0.10	7579.96	10.11
1425	2850.00	0.00	0.00	7579.86	7568.06	0.10	7568.16	10.11
1426	2852.00	0.00	0.00	7568.06	7556.27	0.10	7556.37	10.11
1427	2854.00	0.00	0.00	7556.27	7544.51	0.10	7544.60	10.11
1428	2856.00	0.00	0.00	7544.51	7532.76	0.10	7532.86	10.11
1429	2858.00	0.00	0.00	7532.76	7521.03	0.10	7521.13	10.11
1430	2860.00	0.00	0.00	7521.03	7509.32	0.10	7509.42	10.11
1431	2862.00	0.00	0.00	7509.32	7497.63	0.10	7497.72	10.11
1432	2864.00	0.00	0.00	7497.63	7485.95	0.10	7486.05	10.11

User Name: Willie Hall

Date: 01-14-14

Project: John Grimmer - Hillview Development - EP Drainage

Time: 19:28:50

Scenario: Proposed Basins #2 and #3

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FLOOD HYDROGRAPH REPORT

=====							
1433	2866.00	0.00	0.00	7485.95	7474.29	0.10	7474.39 10.11
1434	2868.00	0.00	0.00	7474.29	7462.66	0.10	7462.75 10.11
1435	2870.00	0.00	0.00	7462.66	7451.04	0.10	7451.13 10.11
1436	2872.00	0.00	0.00	7451.04	7439.43	0.10	7439.53 10.11
1437	2874.00	0.00	0.00	7439.43	7427.85	0.10	7427.95 10.11
1438	2876.00	0.00	0.00	7427.85	7416.28	0.10	7416.38 10.11
1439	2878.00	0.00	0.00	7416.28	7404.73	0.10	7404.83 10.11
1440	2880.00	0.00	0.00	7404.73	7393.20	0.10	7393.30 10.11

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 47
Name: Pond 3 - 1-1/4" WQ Storm
Type: Computed Flood

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 3.46 (cfs)
Time to Peak (Tp) = 722.00 (min)
Time of Base (Tb) = 1472.39 (min)
Volume = 0.28 (ac-ft)
Time Step = 2.00 (min)
Flow Multiplier = 1.00

[UNIT HYDROGRAPH INFORMATION]

Number = 2
Type = SCS Curvilinear
Peak Flow (Qp) = 149.33 (cfs)
Time to Peak (Tp) = 6.67 (min)
Time of Base (Tb) = 33.33 (min)
Volume = 1.84 (ac-ft)
Shape Factor = 484.00
Time Step: = 2.00 (min)
Excess Rain = 1.00 (in)
Lag Time = 6.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Homesteads Lots	7.01	86
Pavement	1.58	98
Grass - Good Condition	11.21	68
Water	2.14	98
Overall Approximation	21.94	79

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc) = 10.00 (min)

[RAINFALL DESCRIPTION]

Distribution Type = SCS II
Total Precipitation = 1.25 (in)
Return Period = 2 (yr)
Storm Duration = 24.00 (hr)

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 49
Name: Pond 3 - 0.5" Direct WQ Storm
Type: Computed Flood

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 15.90 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 1472.39 (min)
Volume = 0.92 (ac-ft)
Time Step = 2.00 (min)
Flow Multiplier = 1.00

[UNIT HYDROGRAPH INFORMATION]

Number = 2
Type = SCS Curvilinear
Peak Flow (Qp) = 149.33 (cfs)
Time to Peak (Tp) = 6.67 (min)
Time of Base (Tb) = 33.33 (min)
Volume = 1.84 (ac-ft)
Shape Factor = 484.00
Time Step = 2.00 (min)
Excess Rain = 1.00 (in)
Lag Time = 6.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Homesteads Lots	7.01	86
Pavement	1.58	98
Grass - Good Condition	11.21	68
Water	2.14	98
Overall Approximation	21.94	79

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc) = 10.00 (min)

[RAINFALL DESCRIPTION]

Distribution Type = SCS II
Total Precipitation = 1.97 (in)
Return Period = 2 (yr)
Storm Duration = 24.00 (hr)

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 51
Name: Pond 3 - Routed WQ Storm
Type: Reservoir: Storage Indication

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 0.32 (cfs)
Time to Peak (Tp) = 1208.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 0.62 (ac-ft)
Time Step = 2.00 (min)
Peak Elevation = 15.40 (ft)
Detention Time = NA

[RESERVOIR STRUCTURE INFORMATION]

Number = 2
Name = Preliminary Pond #3
Storage Type = User-Defined Volume
Maximum Storage = 673915.98 (cu ft)
Maximum Discharge = 3.76 (cfs)

[INFLOW HYDROGRAPH INFORMATION]

Number = 49
Name = Pond 3 - 0.5" Direct WQ Storm
Peak Flow (Qp) = 15.90 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 1472.39 (min)
Volume = 0.92 (ac-ft)
Flow Multiplier = 1.00

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 51
Name: Pond 3 - Routed WQ Storm
Type: Reservoir: Storage Indication

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 0.32 (cfs)
Time to Peak (Tp) = 1208.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 0.62 (ac-ft)
Time Step = 2.00 (min)
Peak Elevation = 15.40 (ft)
Detention Time = NA

[RESERVOIR STRUCTURE INFORMATION]

Number = 2
Name = Preliminary Pond #3
Storage Type = User-Defined Volume
Maximum Storage = 673915.98 (cu ft)
Maximum Discharge = 3.76 (cfs)

[INFLOW HYDROGRAPH INFORMATION]

Number = 49
Name = Pond 3 - 0.5" Direct WQ Storm
Peak Flow (Qp) = 15.90 (cfs)
Time to Peak (Tp) = 720.00 (min)
Time of Base (Tb) = 1472.39 (min)
Volume = 0.92 (ac-ft)
Flow Multiplier = 1.00

[EQUATION]

$$0.5(I1+I2)dt + S1-0.5(O2)dt$$

Where:

I1 = Previous Inflow
I2 = Current Inflow
dt = Time increment
S1 = Previous Storage
S2 = Current Storage
O1 = Previous Outflow
O2 = Current Outflow

A = 0.5 (I1+I2) dt
B = S1 - 0.5 (O1) dt
C = S2 + 0.5 (O2) dt

FLOOD HYDROGRAPH REPORT

Computation of Reservoir Outflow Table of Storage Indication Method
[The time interval is 2.00 min]

Intv	Time	Inflow	A	B	C	Outflow	Storage	Elev
(min)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cu ft)	(ft)	
1	2.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
2	4.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
3	6.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
4	8.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
5	10.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
6	12.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
7	14.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
8	16.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
9	18.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
10	20.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
11	22.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
12	24.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
13	26.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
14	28.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
15	30.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
16	32.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
17	34.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
18	36.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
19	38.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
20	40.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
21	42.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
22	44.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
23	46.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
24	48.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
25	50.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
26	52.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
27	54.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
28	56.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
29	58.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
30	60.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
31	62.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
32	64.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
33	66.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
34	68.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
35	70.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
36	72.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
37	74.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
38	76.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
39	78.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
40	80.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10

User Name: Willie Hall

Date: 01-14-14

Project: John Grimmer - Hillview Development - EP Drainage

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Scenario: Proposed Basins #2 and #3

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FLOOD HYDROGRAPH REPORT

41	82.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
42	84.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
43	86.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
44	88.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
45	90.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
46	92.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
47	94.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
48	96.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
49	98.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
50	100.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
51	102.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
52	104.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
53	106.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
54	108.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
55	110.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
56	112.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
57	114.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
58	116.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
59	118.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
60	120.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
61	122.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
62	124.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
63	126.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
64	128.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
65	130.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
66	132.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
67	134.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
68	136.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
69	138.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
70	140.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
71	142.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
72	144.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
73	146.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
74	148.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
75	150.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
76	152.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
77	154.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
78	156.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
79	158.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
80	160.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
81	162.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
82	164.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
83	166.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
84	168.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
85	170.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
86	172.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
87	174.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
88	176.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10

User Name: Willie Hall

Date: 01-14-14

Project: John Grimmer - Hillview Development - EP Drainage

Time: 19:28:42

Scenario: Proposed Basins #2 and #3

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FLOOD HYDROGRAPH REPORT

89	178.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
90	180.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
91	182.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
92	184.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
93	186.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
94	188.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
95	190.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
96	192.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
97	194.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
98	196.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
99	198.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
100	200.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
101	202.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
102	204.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
103	206.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
104	208.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
105	210.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
106	212.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
107	214.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
108	216.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
109	218.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
110	220.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
111	222.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
112	224.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
113	226.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
114	228.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
115	230.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
116	232.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
117	234.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
118	236.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
119	238.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
120	240.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
121	242.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
122	244.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
123	246.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
124	248.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
125	250.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
126	252.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
127	254.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
128	256.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
129	258.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
130	260.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
131	262.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
132	264.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
133	266.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
134	268.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
135	270.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
136	272.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10

User Name: Willie Hall

Date: 01-14-14

Project: John Grimmer - Hillview Development - EP Drainage

Time: 19:28:42

Scenario: Proposed Basins #2 and #3

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FLOOD HYDROGRAPH REPORT

137	274.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
138	276.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
139	278.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
140	280.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
141	282.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
142	284.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
143	286.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
144	288.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
145	290.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
146	292.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
147	294.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
148	296.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
149	298.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
150	300.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
151	302.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
152	304.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
153	306.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
154	308.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
155	310.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
156	312.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
157	314.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
158	316.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
159	318.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
160	320.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
161	322.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
162	324.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
163	326.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
164	328.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
165	330.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
166	332.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
167	334.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
168	336.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
169	338.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
170	340.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
171	342.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
172	344.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
173	346.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
174	348.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
175	350.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
176	352.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
177	354.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
178	356.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
179	358.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
180	360.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
181	362.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
182	364.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
183	366.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
184	368.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10

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185	370.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
186	372.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
187	374.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
188	376.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
189	378.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
190	380.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
191	382.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
192	384.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
193	386.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
194	388.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
195	390.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
196	392.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
197	394.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
198	396.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
199	398.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
200	400.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
201	402.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
202	404.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
203	406.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
204	408.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
205	410.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
206	412.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
207	414.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
208	416.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
209	418.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
210	420.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
211	422.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
212	424.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
213	426.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
214	428.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
215	430.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
216	432.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
217	434.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
218	436.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
219	438.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
220	440.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
221	442.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
222	444.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
223	446.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
224	448.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
225	450.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
226	452.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
227	454.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
228	456.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
229	458.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
230	460.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
231	462.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
232	464.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10

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233	466.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
234	468.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
235	470.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
236	472.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
237	474.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
238	476.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
239	478.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
240	480.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
241	482.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
242	484.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
243	486.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
244	488.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
245	490.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
246	492.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
247	494.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
248	496.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
249	498.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
250	500.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
251	502.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
252	504.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
253	506.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
254	508.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
255	510.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
256	512.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
257	514.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
258	516.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
259	518.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
260	520.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
261	522.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
262	524.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
263	526.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
264	528.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
265	530.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
266	532.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
267	534.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
268	536.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
269	538.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
270	540.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
271	542.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
272	544.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
273	546.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
274	548.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
275	550.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
276	552.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
277	554.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
278	556.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
279	558.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
280	560.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10

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281	562.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
282	564.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
283	566.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
284	568.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
285	570.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
286	572.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
287	574.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
288	576.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
289	578.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
290	580.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
291	582.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
292	584.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
293	586.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
294	588.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
295	590.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
296	592.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
297	594.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
298	596.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
299	598.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
300	600.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
301	602.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
302	604.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
303	606.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
304	608.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
305	610.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
306	612.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
307	614.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
308	616.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
309	618.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
310	620.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
311	622.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
312	624.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
313	626.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
314	628.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
315	630.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
316	632.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
317	634.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
318	636.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
319	638.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
320	640.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
321	642.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
322	644.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
323	646.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
324	648.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
325	650.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
326	652.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
327	654.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
328	656.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10

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329	658.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
330	660.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
331	662.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
332	664.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
333	666.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
334	668.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
335	670.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
336	672.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
337	674.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
338	676.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
339	678.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
340	680.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
341	682.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
342	684.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
343	686.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10
344	688.00	0.01	0.01	0.00	0.33	0.00	0.33	15.10
345	690.00	0.02	0.02	0.33	1.60	0.00	1.60	15.10
346	692.00	0.03	0.05	1.60	4.55	0.00	4.55	15.10
347	694.00	0.07	0.10	4.55	10.54	0.00	10.54	15.10
348	696.00	0.13	0.19	10.54	22.20	0.00	22.20	15.10
349	698.00	0.24	0.37	22.20	44.52	0.00	44.52	15.10
350	700.00	0.44	0.68	44.52	85.44	0.00	85.44	15.10
351	702.00	0.74	1.18	85.44	156.06	0.00	156.06	15.10
352	704.00	1.17	1.91	156.06	270.71	0.00	270.71	15.10
353	706.00	1.77	2.94	270.71	446.99	0.00	446.99	15.10
354	708.00	2.60	4.37	446.99	708.68	0.01	708.68	15.11
355	710.00	3.81	6.41	708.68	1092.40	0.01	1092.41	15.11
356	712.00	5.59	9.40	1092.40	1655.16	0.01	1655.18	15.12
357	714.00	8.11	13.70	1655.16	2475.26	0.02	2475.29	15.13
358	716.00	11.26	19.37	2475.26	3634.32	0.03	3634.35	15.14
359	718.00	14.29	25.55	3634.32	5162.59	0.04	5162.64	15.15
360	720.00	15.90	30.19	5162.59	6967.45	0.06	6967.51	15.17
361	722.00	15.27	31.16	6967.45	8829.09	0.08	8829.16	15.19
362	724.00	12.87	28.14	8829.09	10507.29	0.09	10507.38	15.21
363	726.00	9.93	22.80	10507.29	11863.84	0.10	11863.94	15.23
364	728.00	7.51	17.44	11863.84	12897.44	0.11	12897.56	15.24
365	730.00	5.85	13.36	12897.44	13685.24	0.12	13685.36	15.25
366	732.00	4.81	10.66	13685.24	14310.30	0.12	14310.43	15.25
367	734.00	4.13	8.94	14310.30	14831.32	0.13	14831.45	15.26
368	736.00	3.67	7.79	14831.32	15283.11	0.13	15283.24	15.26
369	738.00	3.33	7.00	15283.11	15686.90	0.14	15687.04	15.27
370	740.00	3.09	6.42	15686.90	16055.52	0.14	16055.66	15.27
371	742.00	2.88	5.96	16055.52	16396.53	0.14	16396.67	15.27
372	744.00	2.70	5.58	16396.53	16714.19	0.14	16714.34	15.28
373	746.00	2.54	5.24	16714.19	17011.07	0.15	17011.21	15.28
374	748.00	2.39	4.93	17011.07	17288.79	0.15	17288.94	15.28
375	750.00	2.24	4.63	17288.79	17548.67	0.15	17548.83	15.29
376	752.00	2.11	4.36	17548.67	17791.68	0.15	17791.83	15.29

FLOOD HYDROGRAPH REPORT

377	754.00	1.98	4.10	17791.68	18018.81	0.16	18018.97	15.29
378	756.00	1.88	3.86	18018.81	18231.76	0.16	18231.92	15.29
379	758.00	1.79	3.67	18231.76	18432.97	0.16	18433.13	15.30
380	760.00	1.73	3.52	18432.97	18625.03	0.16	18625.19	15.30
381	762.00	1.68	3.41	18625.03	18809.96	0.16	18810.12	15.30
382	764.00	1.64	3.31	18809.96	18989.16	0.16	18989.33	15.30
383	766.00	1.60	3.23	18989.16	19163.45	0.17	19163.62	15.30
384	768.00	1.57	3.16	19163.45	19333.31	0.17	19333.47	15.30
385	770.00	1.53	3.10	19333.31	19499.00	0.17	19499.17	15.31
386	772.00	1.50	3.03	19499.00	19660.68	0.17	19660.85	15.31
387	774.00	1.47	2.97	19660.68	19818.44	0.17	19818.61	15.31
388	776.00	1.44	2.91	19818.44	19972.25	0.17	19972.42	15.31
389	778.00	1.41	2.85	19972.25	20122.18	0.17	20122.36	15.31
390	780.00	1.38	2.78	20122.18	20268.24	0.18	20268.41	15.31
391	782.00	1.34	2.72	20268.24	20410.40	0.18	20410.58	15.32
392	784.00	1.32	2.66	20410.40	20548.76	0.18	20548.93	15.32
393	786.00	1.29	2.60	20548.76	20683.51	0.18	20683.69	15.32
394	788.00	1.26	2.55	20683.51	20815.02	0.18	20815.20	15.32
395	790.00	1.24	2.50	20815.02	20943.59	0.18	20943.77	15.32
396	792.00	1.22	2.46	20943.59	21069.56	0.18	21069.75	15.32
397	794.00	1.20	2.43	21069.56	21193.14	0.18	21193.33	15.32
398	796.00	1.19	2.39	21193.14	21314.43	0.18	21314.62	15.33
399	798.00	1.17	2.35	21314.43	21433.49	0.19	21433.67	15.33
400	800.00	1.15	2.32	21433.49	21550.34	0.19	21550.53	15.33
401	802.00	1.13	2.29	21550.34	21665.02	0.19	21665.20	15.33
402	804.00	1.12	2.25	21665.02	21777.53	0.19	21777.71	15.33
403	806.00	1.10	2.22	21777.53	21887.85	0.19	21888.04	15.33
404	808.00	1.08	2.18	21887.85	21995.92	0.19	21996.11	15.33
405	810.00	1.06	2.15	21995.92	22101.78	0.19	22101.97	15.33
406	812.00	1.05	2.11	22101.78	22205.43	0.19	22205.62	15.34
407	814.00	1.03	2.08	22205.43	22306.90	0.19	22307.09	15.34
408	816.00	1.01	2.04	22306.90	22406.26	0.19	22406.45	15.34
409	818.00	1.00	2.01	22406.26	22503.63	0.19	22503.82	15.34
410	820.00	0.98	1.98	22503.63	22599.13	0.20	22599.32	15.34
411	822.00	0.97	1.95	22599.13	22692.87	0.20	22693.06	15.34
412	824.00	0.96	1.93	22692.87	22784.90	0.20	22785.10	15.34
413	826.00	0.94	1.90	22784.90	22875.27	0.20	22875.47	15.34
414	828.00	0.93	1.88	22875.27	22963.99	0.20	22964.18	15.34
415	830.00	0.92	1.85	22963.99	23051.01	0.20	23051.21	15.34
416	832.00	0.91	1.82	23051.01	23136.39	0.20	23136.59	15.35
417	834.00	0.89	1.80	23136.39	23220.13	0.20	23220.33	15.35
418	836.00	0.88	1.77	23220.13	23302.24	0.20	23302.44	15.35
419	838.00	0.87	1.74	23302.24	23382.70	0.20	23382.90	15.35
420	840.00	0.85	1.72	23382.70	23461.51	0.20	23461.72	15.35
421	842.00	0.84	1.69	23461.51	23538.68	0.20	23538.89	15.35
422	844.00	0.83	1.67	23538.68	23614.23	0.20	23614.44	15.35
423	846.00	0.82	1.64	23614.23	23688.25	0.21	23688.45	15.35
424	848.00	0.81	1.62	23688.25	23760.88	0.21	23761.09	15.35

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425	850.00	0.80	1.61	23760.88	23832.38	0.21	23832.59	15.35
426	852.00	0.79	1.60	23832.38	23902.84	0.21	23903.05	15.35
427	854.00	0.79	1.58	23902.84	23972.45	0.21	23972.66	15.35
428	856.00	0.78	1.57	23972.45	24041.28	0.21	24041.49	15.35
429	858.00	0.78	1.56	24041.28	24109.37	0.22	24109.58	15.36
430	860.00	0.78	1.56	24109.37	24176.74	0.22	24176.96	15.36
431	862.00	0.77	1.55	24176.74	24243.42	0.22	24243.64	15.36
432	864.00	0.77	1.54	24243.42	24309.41	0.22	24309.63	15.36
433	866.00	0.76	1.53	24309.41	24374.72	0.22	24374.95	15.36
434	868.00	0.76	1.52	24374.72	24439.35	0.22	24439.58	15.36
435	870.00	0.75	1.51	24439.35	24503.24	0.22	24503.47	15.36
436	872.00	0.75	1.50	24503.24	24566.46	0.23	24566.68	15.36
437	874.00	0.75	1.50	24566.46	24629.00	0.23	24629.22	15.36
438	876.00	0.74	1.49	24629.00	24690.85	0.23	24691.08	15.36
439	878.00	0.74	1.48	24690.85	24752.03	0.23	24752.26	15.36
440	880.00	0.73	1.47	24752.03	24812.53	0.23	24812.76	15.36
441	882.00	0.73	1.46	24812.53	24872.35	0.23	24872.58	15.36
442	884.00	0.72	1.45	24872.35	24931.49	0.23	24931.72	15.36
443	886.00	0.72	1.44	24931.49	24989.95	0.24	24990.18	15.36
444	888.00	0.72	1.44	24989.95	25047.72	0.24	25047.96	15.37
445	890.00	0.71	1.43	25047.72	25104.82	0.24	25105.06	15.37
446	892.00	0.71	1.42	25104.82	25161.23	0.24	25161.47	15.37
447	894.00	0.70	1.41	25161.23	25216.97	0.24	25217.21	15.37
448	896.00	0.70	1.40	25216.97	25272.02	0.24	25272.26	15.37
449	898.00	0.69	1.39	25272.02	25326.38	0.24	25326.63	15.37
450	900.00	0.69	1.38	25326.38	25380.07	0.24	25380.31	15.37
451	902.00	0.68	1.37	25380.07	25433.07	0.25	25433.31	15.37
452	904.00	0.68	1.36	25433.07	25485.38	0.25	25485.63	15.37
453	906.00	0.68	1.36	25485.38	25537.02	0.25	25537.27	15.37
454	908.00	0.67	1.35	25537.02	25587.97	0.25	25588.22	15.37
455	910.00	0.67	1.34	25587.97	25638.24	0.25	25638.49	15.37
456	912.00	0.66	1.33	25638.24	25687.82	0.25	25688.07	15.37
457	914.00	0.66	1.32	25687.82	25736.72	0.25	25736.97	15.37
458	916.00	0.65	1.31	25736.72	25784.87	0.25	25785.13	15.37
459	918.00	0.65	1.30	25784.87	25832.34	0.25	25832.60	15.37
460	920.00	0.64	1.29	25832.34	25879.13	0.26	25879.39	15.37
461	922.00	0.64	1.28	25879.13	25925.24	0.26	25925.49	15.37
462	924.00	0.63	1.27	25925.24	25970.66	0.26	25970.92	15.37
463	926.00	0.63	1.26	25970.66	26015.40	0.26	26015.65	15.38
464	928.00	0.62	1.25	26015.40	26059.45	0.26	26059.71	15.38
465	930.00	0.62	1.24	26059.45	26102.82	0.26	26103.08	15.38
466	932.00	0.61	1.23	26102.82	26145.51	0.26	26145.77	15.38
467	934.00	0.61	1.22	26145.51	26187.51	0.26	26187.77	15.38
468	936.00	0.60	1.21	26187.51	26228.83	0.26	26229.09	15.38
469	938.00	0.60	1.21	26228.83	26269.47	0.26	26269.73	15.38
470	940.00	0.60	1.20	26269.47	26309.42	0.27	26309.69	15.38
471	942.00	0.59	1.19	26309.42	26348.70	0.27	26348.96	15.38
472	944.00	0.59	1.18	26348.70	26387.29	0.27	26387.55	15.38

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473	946.00	0.58	1.17	26387.29	26425.19	0.27	26425.46	15.38
474	948.00	0.58	1.16	26425.19	26462.42	0.27	26462.69	15.38
475	950.00	0.57	1.15	26462.42	26498.90	0.27	26499.17	15.38
476	952.00	0.57	1.14	26498.90	26534.71	0.27	26534.98	15.38
477	954.00	0.56	1.13	26534.71	26569.83	0.27	26570.10	15.38
478	956.00	0.56	1.12	26569.83	26604.27	0.27	26604.54	15.38
479	958.00	0.55	1.11	26604.27	26638.03	0.27	26638.31	15.38
480	960.00	0.55	1.10	26638.03	26671.12	0.27	26671.39	15.38
481	962.00	0.54	1.09	26671.12	26703.52	0.27	26703.80	15.38
482	964.00	0.54	1.08	26703.52	26735.28	0.27	26735.55	15.38
483	966.00	0.53	1.07	26735.28	26766.43	0.28	26766.70	15.38
484	968.00	0.53	1.06	26766.43	26797.06	0.28	26797.33	15.38
485	970.00	0.53	1.06	26797.06	26827.24	0.28	26827.52	15.38
486	972.00	0.52	1.05	26827.24	26857.05	0.28	26857.33	15.38
487	974.00	0.52	1.05	26857.05	26886.54	0.28	26886.81	15.38
488	976.00	0.52	1.04	26886.54	26915.71	0.28	26915.99	15.38
489	978.00	0.52	1.04	26915.71	26944.60	0.28	26944.88	15.39
490	980.00	0.52	1.04	26944.60	26973.15	0.28	26973.43	15.39
491	982.00	0.52	1.03	26973.15	27001.43	0.28	27001.72	15.39
492	984.00	0.51	1.03	27001.43	27029.45	0.28	27029.73	15.39
493	986.00	0.51	1.03	27029.45	27057.20	0.28	27057.48	15.39
494	988.00	0.51	1.02	27057.20	27084.68	0.28	27084.96	15.39
495	990.00	0.51	1.02	27084.68	27111.90	0.28	27112.19	15.39
496	992.00	0.51	1.02	27111.90	27138.86	0.28	27139.15	15.39
497	994.00	0.51	1.01	27138.86	27165.56	0.28	27165.84	15.39
498	996.00	0.50	1.01	27165.56	27191.99	0.29	27192.28	15.39
499	998.00	0.50	1.01	27191.99	27218.16	0.29	27218.45	15.39
500	1000.00	0.50	1.00	27218.16	27244.07	0.29	27244.36	15.39
501	1002.00	0.50	1.00	27244.07	27269.72	0.29	27270.01	15.39
502	1004.00	0.50	1.00	27269.72	27295.11	0.29	27295.39	15.39
503	1006.00	0.50	0.99	27295.11	27320.23	0.29	27320.52	15.39
504	1008.00	0.49	0.99	27320.23	27345.09	0.29	27345.38	15.39
505	1010.00	0.49	0.99	27345.09	27369.69	0.29	27369.98	15.39
506	1012.00	0.49	0.98	27369.69	27394.04	0.29	27394.33	15.39
507	1014.00	0.49	0.98	27394.04	27418.12	0.29	27418.41	15.39
508	1016.00	0.49	0.98	27418.12	27441.94	0.29	27442.23	15.39
509	1018.00	0.49	0.98	27441.94	27465.50	0.29	27465.79	15.39
510	1020.00	0.48	0.97	27465.50	27488.80	0.29	27489.09	15.39
511	1022.00	0.48	0.97	27488.80	27511.84	0.29	27512.13	15.39
512	1024.00	0.48	0.97	27511.84	27534.62	0.29	27534.91	15.39
513	1026.00	0.48	0.96	27534.62	27557.14	0.29	27557.44	15.39
514	1028.00	0.48	0.96	27557.14	27579.40	0.29	27579.70	15.39
515	1030.00	0.48	0.96	27579.40	27601.41	0.29	27601.70	15.39
516	1032.00	0.47	0.95	27601.41	27623.16	0.30	27623.45	15.39
517	1034.00	0.47	0.95	27623.16	27644.58	0.30	27644.88	15.39
518	1036.00	0.47	0.94	27644.58	27665.75	0.30	27666.05	15.39
519	1038.00	0.47	0.94	27665.75	27686.67	0.30	27686.97	15.39
520	1040.00	0.47	0.94	27686.67	27707.33	0.30	27707.62	15.39

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521	1042.00	0.47	0.93	27707.33	27727.73	0.30	27728.02	15.39
522	1044.00	0.46	0.93	27727.73	27747.87	0.30	27748.17	15.39
523	1046.00	0.46	0.93	27747.87	27767.76	0.30	27768.05	15.39
524	1048.00	0.46	0.92	27767.76	27787.39	0.30	27787.69	15.39
525	1050.00	0.46	0.92	27787.39	27806.76	0.30	27807.06	15.39
526	1052.00	0.46	0.92	27806.76	27825.88	0.30	27826.18	15.39
527	1054.00	0.46	0.91	27825.88	27844.75	0.30	27845.05	15.39
528	1056.00	0.45	0.91	27844.75	27863.36	0.30	27863.66	15.39
529	1058.00	0.45	0.91	27863.36	27881.71	0.30	27882.02	15.39
530	1060.00	0.45	0.90	27881.71	27899.82	0.30	27900.12	15.40
531	1062.00	0.45	0.90	27899.82	27917.66	0.30	27917.96	15.40
532	1064.00	0.45	0.90	27917.66	27935.26	0.30	27935.56	15.40
533	1066.00	0.45	0.89	27935.26	27952.60	0.30	27952.90	15.40
534	1068.00	0.44	0.89	27952.60	27969.69	0.30	27969.99	15.40
535	1070.00	0.44	0.89	27969.69	27986.53	0.30	27986.83	15.40
536	1072.00	0.44	0.88	27986.53	28003.12	0.30	28003.42	15.40
537	1074.00	0.44	0.88	28003.12	28019.45	0.30	28019.76	15.40
538	1076.00	0.44	0.88	28019.45	28035.54	0.30	28035.84	15.40
539	1078.00	0.44	0.87	28035.54	28051.36	0.30	28051.67	15.40
540	1080.00	0.43	0.87	28051.36	28066.94	0.31	28067.24	15.40
541	1082.00	0.43	0.87	28066.94	28082.26	0.31	28082.56	15.40
542	1084.00	0.43	0.86	28082.26	28097.33	0.31	28097.63	15.40
543	1086.00	0.43	0.86	28097.33	28112.15	0.31	28112.45	15.40
544	1088.00	0.43	0.86	28112.15	28126.72	0.31	28127.02	15.40
545	1090.00	0.43	0.85	28126.72	28141.04	0.31	28141.34	15.40
546	1092.00	0.42	0.85	28141.04	28155.10	0.31	28155.41	15.40
547	1094.00	0.42	0.84	28155.10	28168.92	0.31	28169.23	15.40
548	1096.00	0.42	0.84	28168.92	28182.49	0.31	28182.80	15.40
549	1098.00	0.42	0.84	28182.49	28195.81	0.31	28196.12	15.40
550	1100.00	0.42	0.83	28195.81	28208.89	0.31	28209.19	15.40
551	1102.00	0.41	0.83	28208.89	28221.71	0.31	28222.02	15.40
552	1104.00	0.41	0.83	28221.71	28234.23	0.31	28234.53	15.40
553	1106.00	0.41	0.82	28234.23	28246.49	0.31	28246.80	15.40
554	1108.00	0.41	0.82	28246.49	28258.52	0.31	28258.82	15.40
555	1110.00	0.41	0.82	28258.52	28270.29	0.31	28270.60	15.40
556	1112.00	0.40	0.81	28270.29	28281.82	0.31	28282.13	15.40
557	1114.00	0.40	0.81	28281.82	28293.10	0.31	28293.41	15.40
558	1116.00	0.40	0.80	28293.10	28304.14	0.31	28304.45	15.40
559	1118.00	0.40	0.80	28304.14	28314.93	0.31	28315.24	15.40
560	1120.00	0.40	0.80	28314.93	28325.47	0.31	28325.78	15.40
561	1122.00	0.40	0.79	28325.47	28335.77	0.31	28336.09	15.40
562	1124.00	0.39	0.79	28335.77	28345.83	0.31	28346.14	15.40
563	1126.00	0.39	0.79	28345.83	28355.64	0.31	28355.95	15.40
564	1128.00	0.39	0.78	28355.64	28365.21	0.31	28365.52	15.40
565	1130.00	0.39	0.78	28365.21	28374.54	0.31	28374.85	15.40
566	1132.00	0.39	0.78	28374.54	28383.62	0.31	28383.93	15.40
567	1134.00	0.39	0.77	28383.62	28392.46	0.31	28392.77	15.40
568	1136.00	0.38	0.77	28392.46	28401.05	0.31	28401.36	15.40

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569	1138.00	0.38	0.76	28401.05	28409.41	0.31	28409.72	15.40
570	1140.00	0.38	0.76	28409.41	28417.52	0.31	28417.83	15.40
571	1142.00	0.38	0.76	28417.52	28425.39	0.31	28425.70	15.40
572	1144.00	0.38	0.75	28425.39	28433.02	0.31	28433.33	15.40
573	1146.00	0.37	0.75	28433.02	28440.40	0.31	28440.72	15.40
574	1148.00	0.37	0.75	28440.40	28447.55	0.31	28447.87	15.40
575	1150.00	0.37	0.74	28447.55	28454.46	0.31	28454.77	15.40
576	1152.00	0.37	0.74	28454.46	28461.13	0.31	28461.44	15.40
577	1154.00	0.37	0.74	28461.13	28467.55	0.31	28467.87	15.40
578	1156.00	0.36	0.73	28467.55	28473.74	0.31	28474.05	15.40
579	1158.00	0.36	0.73	28473.74	28479.69	0.31	28480.00	15.40
580	1160.00	0.36	0.72	28479.69	28485.40	0.31	28485.71	15.40
581	1162.00	0.36	0.72	28485.40	28490.81	0.31	28491.13	15.40
582	1164.00	0.36	0.72	28490.81	28495.99	0.31	28496.30	15.40
583	1166.00	0.35	0.71	28495.99	28500.93	0.31	28501.24	15.40
584	1168.00	0.35	0.71	28500.93	28505.63	0.31	28505.94	15.40
585	1170.00	0.35	0.70	28505.63	28510.09	0.32	28510.41	15.40
586	1172.00	0.35	0.70	28510.09	28514.32	0.32	28514.64	15.40
587	1174.00	0.35	0.70	28514.32	28518.32	0.32	28518.63	15.40
588	1176.00	0.35	0.69	28518.32	28522.07	0.32	28522.39	15.40
589	1178.00	0.34	0.69	28522.07	28525.60	0.32	28525.91	15.40
590	1180.00	0.34	0.69	28525.60	28528.89	0.32	28529.20	15.40
591	1182.00	0.34	0.68	28528.89	28531.94	0.32	28532.26	15.40
592	1184.00	0.34	0.68	28531.94	28534.76	0.32	28535.08	15.40
593	1186.00	0.34	0.67	28534.76	28537.35	0.32	28537.66	15.40
594	1188.00	0.33	0.67	28537.35	28539.70	0.32	28540.02	15.40
595	1190.00	0.33	0.67	28539.70	28541.82	0.32	28542.14	15.40
596	1192.00	0.33	0.66	28541.82	28543.71	0.32	28544.02	15.40
597	1194.00	0.33	0.66	28543.71	28545.36	0.32	28545.68	15.40
598	1196.00	0.33	0.66	28545.36	28546.79	0.32	28547.10	15.40
599	1198.00	0.32	0.65	28546.79	28547.98	0.32	28548.30	15.40
600	1200.00	0.32	0.65	28547.98	28548.94	0.32	28549.26	15.40
601	1202.00	0.32	0.64	28548.94	28549.67	0.32	28549.99	15.40
602	1204.00	0.32	0.64	28549.67	28550.13	0.32	28550.44	15.40
603	1206.00	0.32	0.64	28550.13	28550.39	0.32	28550.70	15.40
604	1208.00	0.32	0.63	28550.39	28550.49	0.32	28550.81	15.40
605	1210.00	0.32	0.63	28550.49	28550.48	0.32	28550.79	15.40
606	1212.00	0.31	0.63	28550.48	28550.38	0.32	28550.70	15.40
607	1214.00	0.31	0.63	28550.38	28550.22	0.32	28550.53	15.40
608	1216.00	0.31	0.63	28550.22	28550.00	0.32	28550.32	15.40
609	1218.00	0.31	0.63	28550.00	28549.74	0.32	28550.05	15.40
610	1220.00	0.31	0.63	28549.74	28549.44	0.32	28549.75	15.40
611	1222.00	0.31	0.63	28549.44	28549.10	0.32	28549.41	15.40
612	1224.00	0.31	0.63	28549.10	28548.72	0.32	28549.04	15.40
613	1226.00	0.31	0.62	28548.72	28548.31	0.32	28548.63	15.40
614	1228.00	0.31	0.62	28548.31	28547.87	0.32	28548.19	15.40
615	1230.00	0.31	0.62	28547.87	28547.39	0.32	28547.71	15.40
616	1232.00	0.31	0.62	28547.39	28546.88	0.32	28547.19	15.40

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617	1234.00	0.31	0.62	28546.88	28546.33	0.32	28546.65	15.40
618	1236.00	0.31	0.62	28546.33	28545.75	0.32	28546.06	15.40
619	1238.00	0.31	0.62	28545.75	28545.13	0.32	28545.45	15.40
620	1240.00	0.31	0.62	28545.13	28544.48	0.32	28544.79	15.40
621	1242.00	0.31	0.62	28544.48	28543.79	0.32	28544.11	15.40
622	1244.00	0.31	0.62	28543.79	28543.07	0.32	28543.39	15.40
623	1246.00	0.31	0.62	28543.07	28542.32	0.32	28542.63	15.40
624	1248.00	0.31	0.62	28542.32	28541.53	0.32	28541.85	15.40
625	1250.00	0.31	0.62	28541.53	28540.71	0.32	28541.02	15.40
626	1252.00	0.31	0.62	28540.71	28539.85	0.32	28540.17	15.40
627	1254.00	0.31	0.62	28539.85	28538.96	0.32	28539.28	15.40
628	1256.00	0.31	0.62	28538.96	28538.03	0.32	28538.35	15.40
629	1258.00	0.31	0.62	28538.03	28537.08	0.32	28537.39	15.40
630	1260.00	0.31	0.61	28537.08	28536.08	0.32	28536.40	15.40
631	1262.00	0.31	0.61	28536.08	28535.05	0.32	28535.37	15.40
632	1264.00	0.31	0.61	28535.05	28533.99	0.32	28534.31	15.40
633	1266.00	0.31	0.61	28533.99	28532.90	0.32	28533.21	15.40
634	1268.00	0.31	0.61	28532.90	28531.77	0.32	28532.08	15.40
635	1270.00	0.31	0.61	28531.77	28530.61	0.32	28530.92	15.40
636	1272.00	0.31	0.61	28530.61	28529.41	0.32	28529.72	15.40
637	1274.00	0.31	0.61	28529.41	28528.18	0.32	28528.49	15.40
638	1276.00	0.30	0.61	28528.18	28526.91	0.32	28527.23	15.40
639	1278.00	0.30	0.61	28526.91	28525.62	0.32	28525.93	15.40
640	1280.00	0.30	0.61	28525.62	28524.28	0.32	28524.60	15.40
641	1282.00	0.30	0.61	28524.28	28522.92	0.32	28523.23	15.40
642	1284.00	0.30	0.61	28522.92	28521.52	0.32	28521.83	15.40
643	1286.00	0.30	0.61	28521.52	28520.09	0.32	28520.40	15.40
644	1288.00	0.30	0.61	28520.09	28518.62	0.32	28518.94	15.40
645	1290.00	0.30	0.61	28518.62	28517.12	0.32	28517.44	15.40
646	1292.00	0.30	0.60	28517.12	28515.59	0.32	28515.90	15.40
647	1294.00	0.30	0.60	28515.59	28514.02	0.32	28514.34	15.40
648	1296.00	0.30	0.60	28514.02	28512.42	0.32	28512.74	15.40
649	1298.00	0.30	0.60	28512.42	28510.79	0.32	28511.10	15.40
650	1300.00	0.30	0.60	28510.79	28509.12	0.31	28509.44	15.40
651	1302.00	0.30	0.60	28509.12	28507.36	0.31	28507.68	15.40
652	1304.00	0.30	0.60	28507.36	28505.57	0.31	28505.88	15.40
653	1306.00	0.30	0.60	28505.57	28503.74	0.31	28504.06	15.40
654	1308.00	0.30	0.60	28503.74	28501.89	0.31	28502.20	15.40
655	1310.00	0.30	0.60	28501.89	28500.00	0.31	28500.31	15.40
656	1312.00	0.30	0.60	28500.00	28498.07	0.31	28498.39	15.40
657	1314.00	0.30	0.60	28498.07	28496.11	0.31	28496.43	15.40
658	1316.00	0.30	0.60	28496.11	28494.13	0.31	28494.44	15.40
659	1318.00	0.30	0.60	28494.13	28492.10	0.31	28492.42	15.40
660	1320.00	0.30	0.59	28492.10	28490.05	0.31	28490.36	15.40
661	1322.00	0.30	0.59	28490.05	28487.96	0.31	28488.28	15.40
662	1324.00	0.30	0.59	28487.96	28485.84	0.31	28486.16	15.40
663	1326.00	0.30	0.59	28485.84	28483.69	0.31	28484.01	15.40
664	1328.00	0.30	0.59	28483.69	28481.51	0.31	28481.82	15.40

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665	1330.00	0.30	0.59	28481.51	28479.29	0.31	28479.60	15.40
666	1332.00	0.30	0.59	28479.29	28477.04	0.31	28477.35	15.40
667	1334.00	0.29	0.59	28477.04	28474.76	0.31	28475.08	15.40
668	1336.00	0.30	0.59	28474.76	28472.45	0.31	28472.77	15.40
669	1338.00	0.29	0.59	28472.45	28470.11	0.31	28470.43	15.40
670	1340.00	0.29	0.59	28470.11	28467.74	0.31	28468.06	15.40
671	1342.00	0.29	0.59	28467.74	28465.33	0.31	28465.65	15.40
672	1344.00	0.29	0.59	28465.33	28462.89	0.31	28463.21	15.40
673	1346.00	0.29	0.59	28462.89	28460.42	0.31	28460.73	15.40
674	1348.00	0.29	0.59	28460.42	28457.91	0.31	28458.23	15.40
675	1350.00	0.29	0.59	28457.91	28455.37	0.31	28455.69	15.40
676	1352.00	0.29	0.58	28455.37	28452.80	0.31	28453.12	15.40
677	1354.00	0.29	0.58	28452.80	28450.20	0.31	28450.51	15.40
678	1356.00	0.29	0.58	28450.20	28447.56	0.31	28447.88	15.40
679	1358.00	0.29	0.58	28447.56	28444.90	0.31	28445.21	15.40
680	1360.00	0.29	0.58	28444.90	28442.20	0.31	28442.51	15.40
681	1362.00	0.29	0.58	28442.20	28439.47	0.31	28439.78	15.40
682	1364.00	0.29	0.58	28439.47	28436.70	0.31	28437.02	15.40
683	1366.00	0.29	0.58	28436.70	28433.91	0.31	28434.22	15.40
684	1368.00	0.29	0.58	28433.91	28431.08	0.31	28431.40	15.40
685	1370.00	0.29	0.58	28431.08	28428.22	0.31	28428.54	15.40
686	1372.00	0.29	0.58	28428.22	28425.33	0.31	28425.65	15.40
687	1374.00	0.29	0.58	28425.33	28422.41	0.31	28422.73	15.40
688	1376.00	0.29	0.58	28422.41	28419.46	0.31	28419.77	15.40
689	1378.00	0.29	0.58	28419.46	28416.47	0.31	28416.79	15.40
690	1380.00	0.29	0.58	28416.47	28413.46	0.31	28413.77	15.40
691	1382.00	0.29	0.57	28413.46	28410.41	0.31	28410.72	15.40
692	1384.00	0.29	0.57	28410.41	28407.33	0.31	28407.64	15.40
693	1386.00	0.29	0.57	28407.33	28404.22	0.31	28404.53	15.40
694	1388.00	0.29	0.57	28404.22	28401.08	0.31	28401.39	15.40
695	1390.00	0.29	0.57	28401.08	28397.90	0.31	28398.21	15.40
696	1392.00	0.29	0.57	28397.90	28394.70	0.31	28395.01	15.40
697	1394.00	0.28	0.57	28394.70	28391.46	0.31	28391.77	15.40
698	1396.00	0.29	0.57	28391.46	28388.19	0.31	28388.50	15.40
699	1398.00	0.28	0.57	28388.19	28384.89	0.31	28385.20	15.40
700	1400.00	0.28	0.57	28384.89	28381.56	0.31	28381.87	15.40
701	1402.00	0.28	0.57	28381.56	28378.20	0.31	28378.51	15.40
702	1404.00	0.28	0.57	28378.20	28374.81	0.31	28375.12	15.40
703	1406.00	0.28	0.57	28374.81	28371.38	0.31	28371.70	15.40
704	1408.00	0.28	0.57	28371.38	28367.93	0.31	28368.24	15.40
705	1410.00	0.28	0.57	28367.93	28364.44	0.31	28364.76	15.40
706	1412.00	0.28	0.56	28364.44	28360.93	0.31	28361.24	15.40
707	1414.00	0.28	0.56	28360.93	28357.38	0.31	28357.69	15.40
708	1416.00	0.28	0.56	28357.38	28353.80	0.31	28354.11	15.40
709	1418.00	0.28	0.56	28353.80	28350.19	0.31	28350.50	15.40
710	1420.00	0.28	0.56	28350.19	28346.55	0.31	28346.86	15.40
711	1422.00	0.28	0.56	28346.55	28342.88	0.31	28343.19	15.40
712	1424.00	0.28	0.56	28342.88	28339.18	0.31	28339.49	15.40

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713	1426.00	0.28	0.56	28339.18	28335.44	0.31	28335.76	15.40
714	1428.00	0.28	0.56	28335.44	28331.68	0.31	28331.99	15.40
715	1430.00	0.28	0.56	28331.68	28327.89	0.31	28328.20	15.40
716	1432.00	0.28	0.56	28327.89	28324.06	0.31	28324.37	15.40
717	1434.00	0.28	0.56	28324.06	28320.21	0.31	28320.52	15.40
718	1436.00	0.28	0.56	28320.21	28316.32	0.31	28316.63	15.40
719	1438.00	0.28	0.56	28316.32	28312.41	0.31	28312.72	15.40
720	1440.00	0.28	0.55	28312.41	28308.35	0.31	28308.66	15.40
721	1442.00	0.26	0.54	28308.35	28303.30	0.31	28303.61	15.40
722	1444.00	0.22	0.48	28303.30	28295.05	0.31	28295.36	15.40
723	1446.00	0.16	0.39	28295.05	28281.01	0.31	28281.32	15.40
724	1448.00	0.11	0.27	28281.01	28260.15	0.31	28260.46	15.40
725	1450.00	0.06	0.17	28260.15	28233.40	0.31	28233.71	15.40
726	1452.00	0.04	0.10	28233.40	28202.53	0.31	28202.84	15.40
727	1454.00	0.02	0.06	28202.53	28169.21	0.31	28169.52	15.40
728	1456.00	0.01	0.03	28169.21	28134.44	0.31	28134.74	15.40
729	1458.00	0.01	0.02	28134.44	28098.81	0.31	28099.12	15.40
730	1460.00	0.00	0.01	28098.81	28062.70	0.30	28063.00	15.40
731	1462.00	0.00	0.00	28062.70	28026.30	0.30	28026.60	15.40
732	1464.00	0.00	0.00	28026.30	27989.86	0.30	27990.16	15.40
733	1466.00	0.00	0.00	27989.86	27953.51	0.30	27953.81	15.40
734	1468.00	0.00	0.00	27953.51	27917.27	0.30	27917.57	15.40
735	1470.00	0.00	0.00	27917.27	27881.12	0.30	27881.42	15.39
736	1472.00	0.00	0.00	27881.12	27845.07	0.30	27845.37	15.39
737	1474.00	0.00	0.00	27845.07	27809.12	0.30	27809.42	15.39
738	1476.00	0.00	0.00	27809.12	27773.26	0.30	27773.56	15.39
739	1478.00	0.00	0.00	27773.26	27737.51	0.30	27737.80	15.39
740	1480.00	0.00	0.00	27737.51	27701.84	0.30	27702.14	15.39
741	1482.00	0.00	0.00	27701.84	27666.28	0.30	27666.58	15.39
742	1484.00	0.00	0.00	27666.28	27630.81	0.30	27631.11	15.39
743	1486.00	0.00	0.00	27630.81	27595.44	0.29	27595.73	15.39
744	1488.00	0.00	0.00	27595.44	27560.16	0.29	27560.45	15.39
745	1490.00	0.00	0.00	27560.16	27524.98	0.29	27525.27	15.39
746	1492.00	0.00	0.00	27524.98	27489.89	0.29	27490.18	15.39
747	1494.00	0.00	0.00	27489.89	27454.90	0.29	27455.19	15.39
748	1496.00	0.00	0.00	27454.90	27420.00	0.29	27420.29	15.39
749	1498.00	0.00	0.00	27420.00	27385.20	0.29	27385.49	15.39
750	1500.00	0.00	0.00	27385.20	27350.49	0.29	27350.78	15.39
751	1502.00	0.00	0.00	27350.49	27315.87	0.29	27316.16	15.39
752	1504.00	0.00	0.00	27315.87	27281.35	0.29	27281.64	15.39
753	1506.00	0.00	0.00	27281.35	27246.92	0.29	27247.21	15.39
754	1508.00	0.00	0.00	27246.92	27212.59	0.29	27212.87	15.39
755	1510.00	0.00	0.00	27212.59	27178.35	0.28	27178.63	15.39
756	1512.00	0.00	0.00	27178.35	27144.20	0.28	27144.48	15.39
757	1514.00	0.00	0.00	27144.20	27110.14	0.28	27110.42	15.39
758	1516.00	0.00	0.00	27110.14	27076.17	0.28	27076.46	15.39
759	1518.00	0.00	0.00	27076.17	27042.30	0.28	27042.58	15.39
760	1520.00	0.00	0.00	27042.30	27008.52	0.28	27008.80	15.39

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761	1522.00	0.00	0.00	27008.52	26974.83	0.28	26975.11	15.39
762	1524.00	0.00	0.00	26974.83	26941.23	0.28	26941.50	15.39
763	1526.00	0.00	0.00	26941.23	26907.72	0.28	26907.99	15.38
764	1528.00	0.00	0.00	26907.72	26874.30	0.28	26874.58	15.38
765	1530.00	0.00	0.00	26874.30	26840.97	0.28	26841.25	15.38
766	1532.00	0.00	0.00	26840.97	26807.73	0.28	26808.01	15.38
767	1534.00	0.00	0.00	26807.73	26774.58	0.28	26774.86	15.38
768	1536.00	0.00	0.00	26774.58	26741.52	0.28	26741.80	15.38
769	1538.00	0.00	0.00	26741.52	26708.55	0.27	26708.83	15.38
770	1540.00	0.00	0.00	26708.55	26675.67	0.27	26675.95	15.38
771	1542.00	0.00	0.00	26675.67	26642.88	0.27	26643.15	15.38
772	1544.00	0.00	0.00	26642.88	26610.18	0.27	26610.45	15.38
773	1546.00	0.00	0.00	26610.18	26577.56	0.27	26577.84	15.38
774	1548.00	0.00	0.00	26577.56	26545.04	0.27	26545.31	15.38
775	1550.00	0.00	0.00	26545.04	26512.60	0.27	26512.87	15.38
776	1552.00	0.00	0.00	26512.60	26480.25	0.27	26480.52	15.38
777	1554.00	0.00	0.00	26480.25	26447.98	0.27	26448.25	15.38
778	1556.00	0.00	0.00	26447.98	26415.81	0.27	26416.08	15.38
779	1558.00	0.00	0.00	26415.81	26383.72	0.27	26383.99	15.38
780	1560.00	0.00	0.00	26383.72	26351.72	0.27	26351.98	15.38
781	1562.00	0.00	0.00	26351.72	26319.80	0.27	26320.07	15.38
782	1564.00	0.00	0.00	26319.80	26287.97	0.26	26288.24	15.38
783	1566.00	0.00	0.00	26287.97	26256.23	0.26	26256.49	15.38
784	1568.00	0.00	0.00	26256.23	26224.57	0.26	26224.83	15.38
785	1570.00	0.00	0.00	26224.57	26193.00	0.26	26193.26	15.38
786	1572.00	0.00	0.00	26193.00	26161.51	0.26	26161.77	15.38
787	1574.00	0.00	0.00	26161.51	26130.11	0.26	26130.37	15.38
788	1576.00	0.00	0.00	26130.11	26098.79	0.26	26099.05	15.38
789	1578.00	0.00	0.00	26098.79	26067.56	0.26	26067.82	15.38
790	1580.00	0.00	0.00	26067.56	26036.41	0.26	26036.67	15.38
791	1582.00	0.00	0.00	26036.41	26005.34	0.26	26005.60	15.38
792	1584.00	0.00	0.00	26005.34	25974.36	0.26	25974.62	15.37
793	1586.00	0.00	0.00	25974.36	25943.47	0.26	25943.73	15.37
794	1588.00	0.00	0.00	25943.47	25912.66	0.26	25912.91	15.37
795	1590.00	0.00	0.00	25912.66	25881.93	0.26	25882.18	15.37
796	1592.00	0.00	0.00	25881.93	25851.28	0.26	25851.53	15.37
797	1594.00	0.00	0.00	25851.28	25820.72	0.25	25820.97	15.37
798	1596.00	0.00	0.00	25820.72	25790.24	0.25	25790.49	15.37
799	1598.00	0.00	0.00	25790.24	25759.84	0.25	25760.09	15.37
800	1600.00	0.00	0.00	25759.84	25729.52	0.25	25729.77	15.37
801	1602.00	0.00	0.00	25729.52	25699.29	0.25	25699.54	15.37
802	1604.00	0.00	0.00	25699.29	25669.13	0.25	25669.38	15.37
803	1606.00	0.00	0.00	25669.13	25639.06	0.25	25639.31	15.37
804	1608.00	0.00	0.00	25639.06	25609.07	0.25	25609.32	15.37
805	1610.00	0.00	0.00	25609.07	25579.16	0.25	25579.41	15.37
806	1612.00	0.00	0.00	25579.16	25549.33	0.25	25549.58	15.37
807	1614.00	0.00	0.00	25549.33	25519.59	0.25	25519.83	15.37
808	1616.00	0.00	0.00	25519.59	25489.92	0.25	25490.17	15.37

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809	1618.00	0.00	0.00	25489.92	25460.33	0.25	25460.58	15.37
810	1620.00	0.00	0.00	25460.33	25430.82	0.25	25431.07	15.37
811	1622.00	0.00	0.00	25430.82	25401.40	0.24	25401.64	15.37
812	1624.00	0.00	0.00	25401.40	25372.05	0.24	25372.29	15.37
813	1626.00	0.00	0.00	25372.05	25342.78	0.24	25343.02	15.37
814	1628.00	0.00	0.00	25342.78	25313.59	0.24	25313.83	15.37
815	1630.00	0.00	0.00	25313.59	25284.48	0.24	25284.72	15.37
816	1632.00	0.00	0.00	25284.48	25255.45	0.24	25255.69	15.37
817	1634.00	0.00	0.00	25255.45	25226.50	0.24	25226.74	15.37
818	1636.00	0.00	0.00	25226.50	25197.62	0.24	25197.86	15.37
819	1638.00	0.00	0.00	25197.62	25168.82	0.24	25169.06	15.37
820	1640.00	0.00	0.00	25168.82	25140.10	0.24	25140.34	15.37
821	1642.00	0.00	0.00	25140.10	25111.46	0.24	25111.70	15.37
822	1644.00	0.00	0.00	25111.46	25082.90	0.24	25083.14	15.37
823	1646.00	0.00	0.00	25082.90	25054.41	0.24	25054.65	15.37
824	1648.00	0.00	0.00	25054.41	25026.00	0.24	25026.24	15.37
825	1650.00	0.00	0.00	25026.00	24997.67	0.24	24997.90	15.36
826	1652.00	0.00	0.00	24997.67	24969.41	0.24	24969.65	15.36
827	1654.00	0.00	0.00	24969.41	24941.23	0.23	24941.47	15.36
828	1656.00	0.00	0.00	24941.23	24913.13	0.23	24913.36	15.36
829	1658.00	0.00	0.00	24913.13	24885.10	0.23	24885.33	15.36
830	1660.00	0.00	0.00	24885.10	24857.15	0.23	24857.38	15.36
831	1662.00	0.00	0.00	24857.15	24829.27	0.23	24829.50	15.36
832	1664.00	0.00	0.00	24829.27	24801.47	0.23	24801.70	15.36
833	1666.00	0.00	0.00	24801.47	24773.74	0.23	24773.97	15.36
834	1668.00	0.00	0.00	24773.74	24746.09	0.23	24746.32	15.36
835	1670.00	0.00	0.00	24746.09	24718.51	0.23	24718.74	15.36
836	1672.00	0.00	0.00	24718.51	24691.01	0.23	24691.24	15.36
837	1674.00	0.00	0.00	24691.01	24663.58	0.23	24663.81	15.36
838	1676.00	0.00	0.00	24663.58	24636.23	0.23	24636.46	15.36
839	1678.00	0.00	0.00	24636.23	24608.95	0.23	24609.18	15.36
840	1680.00	0.00	0.00	24608.95	24581.74	0.23	24581.97	15.36
841	1682.00	0.00	0.00	24581.74	24554.61	0.23	24554.84	15.36
842	1684.00	0.00	0.00	24554.61	24527.55	0.23	24527.78	15.36
843	1686.00	0.00	0.00	24527.55	24500.57	0.22	24500.79	15.36
844	1688.00	0.00	0.00	24500.57	24473.65	0.22	24473.88	15.36
845	1690.00	0.00	0.00	24473.65	24446.81	0.22	24447.03	15.36
846	1692.00	0.00	0.00	24446.81	24420.04	0.22	24420.27	15.36
847	1694.00	0.00	0.00	24420.04	24393.35	0.22	24393.57	15.36
848	1696.00	0.00	0.00	24393.35	24366.72	0.22	24366.95	15.36
849	1698.00	0.00	0.00	24366.72	24340.17	0.22	24340.39	15.36
850	1700.00	0.00	0.00	24340.17	24313.69	0.22	24313.91	15.36
851	1702.00	0.00	0.00	24313.69	24287.29	0.22	24287.50	15.36
852	1704.00	0.00	0.00	24287.29	24260.95	0.22	24261.17	15.36
853	1706.00	0.00	0.00	24260.95	24234.68	0.22	24234.90	15.36
854	1708.00	0.00	0.00	24234.68	24208.49	0.22	24208.71	15.36
855	1710.00	0.00	0.00	24208.49	24182.36	0.22	24182.58	15.36
856	1712.00	0.00	0.00	24182.36	24156.31	0.22	24156.53	15.36

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857	1714.00	0.00	0.00	24156.31	24130.33	0.22	24130.54	15.36
858	1716.00	0.00	0.00	24130.33	24104.42	0.22	24104.63	15.36
859	1718.00	0.00	0.00	24104.42	24078.57	0.22	24078.79	15.36
860	1720.00	0.00	0.00	24078.57	24052.80	0.21	24053.01	15.35
861	1722.00	0.00	0.00	24052.80	24027.10	0.21	24027.31	15.35
862	1724.00	0.00	0.00	24027.10	24001.46	0.21	24001.68	15.35
863	1726.00	0.00	0.00	24001.46	23975.90	0.21	23976.11	15.35
864	1728.00	0.00	0.00	23975.90	23950.40	0.21	23950.62	15.35
865	1730.00	0.00	0.00	23950.40	23924.98	0.21	23925.19	15.35
866	1732.00	0.00	0.00	23924.98	23899.62	0.21	23899.83	15.35
867	1734.00	0.00	0.00	23899.62	23874.33	0.21	23874.54	15.35
868	1736.00	0.00	0.00	23874.33	23849.11	0.21	23849.32	15.35
869	1738.00	0.00	0.00	23849.11	23823.96	0.21	23824.17	15.35
870	1740.00	0.00	0.00	23823.96	23798.87	0.21	23799.08	15.35
871	1742.00	0.00	0.00	23798.87	23773.86	0.21	23774.06	15.35
872	1744.00	0.00	0.00	23773.86	23748.91	0.21	23749.11	15.35
873	1746.00	0.00	0.00	23748.91	23724.02	0.21	23724.23	15.35
874	1748.00	0.00	0.00	23724.02	23699.21	0.21	23699.42	15.35
875	1750.00	0.00	0.00	23699.21	23674.46	0.21	23674.67	15.35
876	1752.00	0.00	0.00	23674.46	23649.78	0.21	23649.99	15.35
877	1754.00	0.00	0.00	23649.78	23625.17	0.20	23625.37	15.35
878	1756.00	0.00	0.00	23625.17	23600.62	0.20	23600.82	15.35
879	1758.00	0.00	0.00	23600.62	23576.13	0.20	23576.33	15.35
880	1760.00	0.00	0.00	23576.13	23551.67	0.20	23551.88	15.35
881	1762.00	0.00	0.00	23551.67	23527.24	0.20	23527.44	15.35
882	1764.00	0.00	0.00	23527.24	23502.84	0.20	23503.04	15.35
883	1766.00	0.00	0.00	23502.84	23478.45	0.20	23478.66	15.35
884	1768.00	0.00	0.00	23478.45	23454.10	0.20	23454.30	15.35
885	1770.00	0.00	0.00	23454.10	23429.77	0.20	23429.97	15.35
886	1772.00	0.00	0.00	23429.77	23405.47	0.20	23405.67	15.35
887	1774.00	0.00	0.00	23405.47	23381.19	0.20	23381.39	15.35
888	1776.00	0.00	0.00	23381.19	23356.93	0.20	23357.13	15.35
889	1778.00	0.00	0.00	23356.93	23332.70	0.20	23332.90	15.35
890	1780.00	0.00	0.00	23332.70	23308.50	0.20	23308.70	15.35
891	1782.00	0.00	0.00	23308.50	23284.32	0.20	23284.52	15.35
892	1784.00	0.00	0.00	23284.32	23260.17	0.20	23260.37	15.35
893	1786.00	0.00	0.00	23260.17	23236.04	0.20	23236.24	15.35
894	1788.00	0.00	0.00	23236.04	23211.93	0.20	23212.13	15.35
895	1790.00	0.00	0.00	23211.93	23187.85	0.20	23188.06	15.35
896	1792.00	0.00	0.00	23187.85	23163.80	0.20	23164.00	15.35
897	1794.00	0.00	0.00	23163.80	23139.77	0.20	23139.97	15.35
898	1796.00	0.00	0.00	23139.77	23115.77	0.20	23115.97	15.34
899	1798.00	0.00	0.00	23115.77	23091.79	0.20	23091.99	15.34
900	1800.00	0.00	0.00	23091.79	23067.84	0.20	23068.04	15.34
901	1802.00	0.00	0.00	23067.84	23043.91	0.20	23044.11	15.34
902	1804.00	0.00	0.00	23043.91	23020.00	0.20	23020.20	15.34
903	1806.00	0.00	0.00	23020.00	22996.12	0.20	22996.32	15.34
904	1808.00	0.00	0.00	22996.12	22972.27	0.20	22972.47	15.34

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905	1810.00	0.00	0.00	22972.27	22948.44	0.20	22948.64	15.34
906	1812.00	0.00	0.00	22948.44	22924.63	0.20	22924.83	15.34
907	1814.00	0.00	0.00	22924.63	22900.85	0.20	22901.05	15.34
908	1816.00	0.00	0.00	22900.85	22877.10	0.20	22877.29	15.34
909	1818.00	0.00	0.00	22877.10	22853.36	0.20	22853.56	15.34
910	1820.00	0.00	0.00	22853.36	22829.66	0.20	22829.86	15.34
911	1822.00	0.00	0.00	22829.66	22805.98	0.20	22806.17	15.34
912	1824.00	0.00	0.00	22805.98	22782.32	0.20	22782.52	15.34
913	1826.00	0.00	0.00	22782.32	22758.69	0.20	22758.88	15.34
914	1828.00	0.00	0.00	22758.69	22735.08	0.20	22735.27	15.34
915	1830.00	0.00	0.00	22735.08	22711.49	0.20	22711.69	15.34
916	1832.00	0.00	0.00	22711.49	22687.93	0.20	22688.13	15.34
917	1834.00	0.00	0.00	22687.93	22664.40	0.20	22664.59	15.34
918	1836.00	0.00	0.00	22664.40	22640.89	0.20	22641.08	15.34
919	1838.00	0.00	0.00	22640.89	22617.40	0.20	22617.60	15.34
920	1840.00	0.00	0.00	22617.40	22593.94	0.20	22594.13	15.34
921	1842.00	0.00	0.00	22593.94	22570.50	0.20	22570.70	15.34
922	1844.00	0.00	0.00	22570.50	22547.09	0.20	22547.28	15.34
923	1846.00	0.00	0.00	22547.09	22523.70	0.19	22523.89	15.34
924	1848.00	0.00	0.00	22523.70	22500.33	0.19	22500.53	15.34
925	1850.00	0.00	0.00	22500.33	22476.99	0.19	22477.19	15.34
926	1852.00	0.00	0.00	22476.99	22453.68	0.19	22453.87	15.34
927	1854.00	0.00	0.00	22453.68	22430.39	0.19	22430.58	15.34
928	1856.00	0.00	0.00	22430.39	22407.12	0.19	22407.31	15.34
929	1858.00	0.00	0.00	22407.12	22383.87	0.19	22384.07	15.34
930	1860.00	0.00	0.00	22383.87	22360.65	0.19	22360.85	15.34
931	1862.00	0.00	0.00	22360.65	22337.46	0.19	22337.65	15.34
932	1864.00	0.00	0.00	22337.46	22314.29	0.19	22314.48	15.34
933	1866.00	0.00	0.00	22314.29	22291.14	0.19	22291.33	15.34
934	1868.00	0.00	0.00	22291.14	22268.02	0.19	22268.21	15.34
935	1870.00	0.00	0.00	22268.02	22244.92	0.19	22245.11	15.34
936	1872.00	0.00	0.00	22244.92	22221.84	0.19	22222.03	15.34
937	1874.00	0.00	0.00	22221.84	22198.79	0.19	22198.98	15.34
938	1876.00	0.00	0.00	22198.79	22175.76	0.19	22175.95	15.34
939	1878.00	0.00	0.00	22175.76	22152.76	0.19	22152.95	15.33
940	1880.00	0.00	0.00	22152.76	22129.78	0.19	22129.97	15.33
941	1882.00	0.00	0.00	22129.78	22106.82	0.19	22107.01	15.33
942	1884.00	0.00	0.00	22106.82	22083.89	0.19	22084.08	15.33
943	1886.00	0.00	0.00	22083.89	22060.98	0.19	22061.17	15.33
944	1888.00	0.00	0.00	22060.98	22038.10	0.19	22038.29	15.33
945	1890.00	0.00	0.00	22038.10	22015.24	0.19	22015.43	15.33
946	1892.00	0.00	0.00	22015.24	21992.40	0.19	21992.59	15.33
947	1894.00	0.00	0.00	21992.40	21969.59	0.19	21969.78	15.33
948	1896.00	0.00	0.00	21969.59	21946.80	0.19	21946.99	15.33
949	1898.00	0.00	0.00	21946.80	21924.03	0.19	21924.22	15.33
950	1900.00	0.00	0.00	21924.03	21901.29	0.19	21901.48	15.33
951	1902.00	0.00	0.00	21901.29	21878.57	0.19	21878.76	15.33
952	1904.00	0.00	0.00	21878.57	21855.87	0.19	21856.06	15.33

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953	1906.00	0.00	0.00	21855.87	21833.20	0.19	21833.39	15.33
954	1908.00	0.00	0.00	21833.20	21810.55	0.19	21810.74	15.33
955	1910.00	0.00	0.00	21810.55	21787.93	0.19	21788.11	15.33
956	1912.00	0.00	0.00	21787.93	21765.32	0.19	21765.51	15.33
957	1914.00	0.00	0.00	21765.32	21742.75	0.19	21742.93	15.33
958	1916.00	0.00	0.00	21742.75	21720.19	0.19	21720.38	15.33
959	1918.00	0.00	0.00	21720.19	21697.66	0.19	21697.85	15.33
960	1920.00	0.00	0.00	21697.66	21675.15	0.19	21675.34	15.33
961	1922.00	0.00	0.00	21675.15	21652.67	0.19	21652.86	15.33
962	1924.00	0.00	0.00	21652.67	21630.21	0.19	21630.39	15.33
963	1926.00	0.00	0.00	21630.21	21607.77	0.19	21607.96	15.33
964	1928.00	0.00	0.00	21607.77	21585.36	0.19	21585.54	15.33
965	1930.00	0.00	0.00	21585.36	21562.96	0.19	21563.15	15.33
966	1932.00	0.00	0.00	21562.96	21540.60	0.19	21540.78	15.33
967	1934.00	0.00	0.00	21540.60	21518.25	0.19	21518.44	15.33
968	1936.00	0.00	0.00	21518.25	21495.93	0.19	21496.11	15.33
969	1938.00	0.00	0.00	21495.93	21473.63	0.19	21473.82	15.33
970	1940.00	0.00	0.00	21473.63	21451.36	0.19	21451.54	15.33
971	1942.00	0.00	0.00	21451.36	21429.10	0.19	21429.29	15.33
972	1944.00	0.00	0.00	21429.10	21406.87	0.19	21407.06	15.33
973	1946.00	0.00	0.00	21406.87	21384.67	0.18	21384.85	15.33
974	1948.00	0.00	0.00	21384.67	21362.48	0.18	21362.67	15.33
975	1950.00	0.00	0.00	21362.48	21340.32	0.18	21340.51	15.33
976	1952.00	0.00	0.00	21340.32	21318.19	0.18	21318.37	15.33
977	1954.00	0.00	0.00	21318.19	21296.07	0.18	21296.26	15.33
978	1956.00	0.00	0.00	21296.07	21273.98	0.18	21274.17	15.33
979	1958.00	0.00	0.00	21273.98	21251.91	0.18	21252.10	15.33
980	1960.00	0.00	0.00	21251.91	21229.87	0.18	21230.05	15.33
981	1962.00	0.00	0.00	21229.87	21207.85	0.18	21208.03	15.32
982	1964.00	0.00	0.00	21207.85	21185.85	0.18	21186.03	15.32
983	1966.00	0.00	0.00	21185.85	21163.87	0.18	21164.05	15.32
984	1968.00	0.00	0.00	21163.87	21141.91	0.18	21142.10	15.32
985	1970.00	0.00	0.00	21141.91	21119.98	0.18	21120.17	15.32
986	1972.00	0.00	0.00	21119.98	21098.07	0.18	21098.26	15.32
987	1974.00	0.00	0.00	21098.07	21076.19	0.18	21076.37	15.32
988	1976.00	0.00	0.00	21076.19	21054.33	0.18	21054.51	15.32
989	1978.00	0.00	0.00	21054.33	21032.48	0.18	21032.67	15.32
990	1980.00	0.00	0.00	21032.48	21010.67	0.18	21010.85	15.32
991	1982.00	0.00	0.00	21010.67	20988.87	0.18	20989.05	15.32
992	1984.00	0.00	0.00	20988.87	20967.10	0.18	20967.28	15.32
993	1986.00	0.00	0.00	20967.10	20945.35	0.18	20945.53	15.32
994	1988.00	0.00	0.00	20945.35	20923.62	0.18	20923.80	15.32
995	1990.00	0.00	0.00	20923.62	20901.92	0.18	20902.10	15.32
996	1992.00	0.00	0.00	20901.92	20880.23	0.18	20880.42	15.32
997	1994.00	0.00	0.00	20880.23	20858.57	0.18	20858.76	15.32
998	1996.00	0.00	0.00	20858.57	20836.94	0.18	20837.12	15.32
999	1998.00	0.00	0.00	20836.94	20815.32	0.18	20815.50	15.32
1000	2000.00	0.00	0.00	20815.32	20793.73	0.18	20793.91	15.32

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1001	2002.00	0.00	0.00	20793.73	20772.16	0.18	20772.34	15.32
1002	2004.00	0.00	0.00	20772.16	20750.61	0.18	20750.79	15.32
1003	2006.00	0.00	0.00	20750.61	20729.09	0.18	20729.27	15.32
1004	2008.00	0.00	0.00	20729.09	20707.58	0.18	20707.76	15.32
1005	2010.00	0.00	0.00	20707.58	20686.10	0.18	20686.28	15.32
1006	2012.00	0.00	0.00	20686.10	20664.64	0.18	20664.82	15.32
1007	2014.00	0.00	0.00	20664.64	20643.21	0.18	20643.39	15.32
1008	2016.00	0.00	0.00	20643.21	20621.79	0.18	20621.97	15.32
1009	2018.00	0.00	0.00	20621.79	20600.40	0.18	20600.58	15.32
1010	2020.00	0.00	0.00	20600.40	20579.03	0.18	20579.21	15.32
1011	2022.00	0.00	0.00	20579.03	20557.68	0.18	20557.86	15.32
1012	2024.00	0.00	0.00	20557.68	20536.36	0.18	20536.54	15.32
1013	2026.00	0.00	0.00	20536.36	20515.06	0.18	20515.23	15.32
1014	2028.00	0.00	0.00	20515.06	20493.78	0.18	20493.95	15.32
1015	2030.00	0.00	0.00	20493.78	20472.52	0.18	20472.69	15.32
1016	2032.00	0.00	0.00	20472.52	20451.28	0.18	20451.46	15.32
1017	2034.00	0.00	0.00	20451.28	20430.06	0.18	20430.24	15.32
1018	2036.00	0.00	0.00	20430.06	20408.87	0.18	20409.05	15.32
1019	2038.00	0.00	0.00	20408.87	20387.70	0.18	20387.88	15.32
1020	2040.00	0.00	0.00	20387.70	20366.55	0.18	20366.73	15.32
1021	2042.00	0.00	0.00	20366.55	20345.42	0.18	20345.60	15.32
1022	2044.00	0.00	0.00	20345.42	20324.32	0.18	20324.50	15.32
1023	2046.00	0.00	0.00	20324.32	20303.24	0.18	20303.41	15.32
1024	2048.00	0.00	0.00	20303.24	20282.17	0.18	20282.35	15.31
1025	2050.00	0.00	0.00	20282.17	20261.14	0.18	20261.31	15.31
1026	2052.00	0.00	0.00	20261.14	20240.12	0.18	20240.29	15.31
1027	2054.00	0.00	0.00	20240.12	20219.12	0.17	20219.30	15.31
1028	2056.00	0.00	0.00	20219.12	20198.15	0.17	20198.32	15.31
1029	2058.00	0.00	0.00	20198.15	20177.20	0.17	20177.37	15.31
1030	2060.00	0.00	0.00	20177.20	20156.26	0.17	20156.44	15.31
1031	2062.00	0.00	0.00	20156.26	20135.36	0.17	20135.53	15.31
1032	2064.00	0.00	0.00	20135.36	20114.47	0.17	20114.64	15.31
1033	2066.00	0.00	0.00	20114.47	20093.60	0.17	20093.78	15.31
1034	2068.00	0.00	0.00	20093.60	20072.76	0.17	20072.93	15.31
1035	2070.00	0.00	0.00	20072.76	20051.94	0.17	20052.11	15.31
1036	2072.00	0.00	0.00	20051.94	20031.14	0.17	20031.31	15.31
1037	2074.00	0.00	0.00	20031.14	20010.36	0.17	20010.53	15.31
1038	2076.00	0.00	0.00	20010.36	19989.60	0.17	19989.77	15.31
1039	2078.00	0.00	0.00	19989.60	19968.86	0.17	19969.04	15.31
1040	2080.00	0.00	0.00	19968.86	19948.15	0.17	19948.32	15.31
1041	2082.00	0.00	0.00	19948.15	19927.46	0.17	19927.63	15.31
1042	2084.00	0.00	0.00	19927.46	19906.78	0.17	19906.96	15.31
1043	2086.00	0.00	0.00	19906.78	19886.13	0.17	19886.31	15.31
1044	2088.00	0.00	0.00	19886.13	19865.51	0.17	19865.68	15.31
1045	2090.00	0.00	0.00	19865.51	19844.90	0.17	19845.07	15.31
1046	2092.00	0.00	0.00	19844.90	19824.31	0.17	19824.48	15.31
1047	2094.00	0.00	0.00	19824.31	19803.75	0.17	19803.92	15.31
1048	2096.00	0.00	0.00	19803.75	19783.21	0.17	19783.38	15.31

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1049	2098.00	0.00	0.00	19783.21	19762.68	0.17	19762.85	15.31
1050	2100.00	0.00	0.00	19762.68	19742.18	0.17	19742.35	15.31
1051	2102.00	0.00	0.00	19742.18	19721.70	0.17	19721.87	15.31
1052	2104.00	0.00	0.00	19721.70	19701.25	0.17	19701.42	15.31
1053	2106.00	0.00	0.00	19701.25	19680.81	0.17	19680.98	15.31
1054	2108.00	0.00	0.00	19680.81	19660.39	0.17	19660.56	15.31
1055	2110.00	0.00	0.00	19660.39	19640.00	0.17	19640.17	15.31
1056	2112.00	0.00	0.00	19640.00	19619.62	0.17	19619.79	15.31
1057	2114.00	0.00	0.00	19619.62	19599.27	0.17	19599.44	15.31
1058	2116.00	0.00	0.00	19599.27	19578.94	0.17	19579.11	15.31
1059	2118.00	0.00	0.00	19578.94	19558.63	0.17	19558.80	15.31
1060	2120.00	0.00	0.00	19558.63	19538.34	0.17	19538.51	15.31
1061	2122.00	0.00	0.00	19538.34	19518.07	0.17	19518.24	15.31
1062	2124.00	0.00	0.00	19518.07	19497.83	0.17	19498.00	15.31
1063	2126.00	0.00	0.00	19497.83	19477.60	0.17	19477.77	15.31
1064	2128.00	0.00	0.00	19477.60	19457.40	0.17	19457.57	15.31
1065	2130.00	0.00	0.00	19457.40	19437.21	0.17	19437.38	15.31
1066	2132.00	0.00	0.00	19437.21	19417.05	0.17	19417.22	15.31
1067	2134.00	0.00	0.00	19417.05	19396.91	0.17	19397.08	15.31
1068	2136.00	0.00	0.00	19396.91	19376.79	0.17	19376.95	15.31
1069	2138.00	0.00	0.00	19376.79	19356.69	0.17	19356.85	15.31
1070	2140.00	0.00	0.00	19356.69	19336.61	0.17	19336.77	15.30
1071	2142.00	0.00	0.00	19336.61	19316.55	0.17	19316.72	15.30
1072	2144.00	0.00	0.00	19316.55	19296.51	0.17	19296.68	15.30
1073	2146.00	0.00	0.00	19296.51	19276.49	0.17	19276.66	15.30
1074	2148.00	0.00	0.00	19276.49	19256.50	0.17	19256.66	15.30
1075	2150.00	0.00	0.00	19256.50	19236.52	0.17	19236.69	15.30
1076	2152.00	0.00	0.00	19236.52	19216.57	0.17	19216.73	15.30
1077	2154.00	0.00	0.00	19216.57	19196.63	0.17	19196.80	15.30
1078	2156.00	0.00	0.00	19196.63	19176.72	0.17	19176.89	15.30
1079	2158.00	0.00	0.00	19176.72	19156.83	0.17	19156.99	15.30
1080	2160.00	0.00	0.00	19156.83	19136.95	0.17	19137.12	15.30
1081	2162.00	0.00	0.00	19136.95	19117.10	0.17	19117.27	15.30
1082	2164.00	0.00	0.00	19117.10	19097.27	0.17	19097.44	15.30
1083	2166.00	0.00	0.00	19097.27	19077.46	0.17	19077.63	15.30
1084	2168.00	0.00	0.00	19077.46	19057.67	0.16	19057.84	15.30
1085	2170.00	0.00	0.00	19057.67	19037.90	0.16	19038.07	15.30
1086	2172.00	0.00	0.00	19037.90	19018.15	0.16	19018.32	15.30
1087	2174.00	0.00	0.00	19018.15	18998.43	0.16	18998.59	15.30
1088	2176.00	0.00	0.00	18998.43	18978.72	0.16	18978.88	15.30
1089	2178.00	0.00	0.00	18978.72	18959.03	0.16	18959.19	15.30
1090	2180.00	0.00	0.00	18959.03	18939.36	0.16	18939.53	15.30
1091	2182.00	0.00	0.00	18939.36	18919.72	0.16	18919.88	15.30
1092	2184.00	0.00	0.00	18919.72	18900.09	0.16	18900.25	15.30
1093	2186.00	0.00	0.00	18900.09	18880.49	0.16	18880.65	15.30
1094	2188.00	0.00	0.00	18880.49	18860.90	0.16	18861.06	15.30
1095	2190.00	0.00	0.00	18860.90	18841.33	0.16	18841.50	15.30
1096	2192.00	0.00	0.00	18841.33	18821.79	0.16	18821.95	15.30

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1097	2194.00	0.00	0.00	18821.79	18802.27	0.16	18802.43	15.30
1098	2196.00	0.00	0.00	18802.27	18782.76	0.16	18782.92	15.30
1099	2198.00	0.00	0.00	18782.76	18763.28	0.16	18763.44	15.30
1100	2200.00	0.00	0.00	18763.28	18743.81	0.16	18743.97	15.30
1101	2202.00	0.00	0.00	18743.81	18724.37	0.16	18724.53	15.30
1102	2204.00	0.00	0.00	18724.37	18704.95	0.16	18705.11	15.30
1103	2206.00	0.00	0.00	18704.95	18685.54	0.16	18685.70	15.30
1104	2208.00	0.00	0.00	18685.54	18666.16	0.16	18666.32	15.30
1105	2210.00	0.00	0.00	18666.16	18646.80	0.16	18646.96	15.30
1106	2212.00	0.00	0.00	18646.80	18627.45	0.16	18627.61	15.30
1107	2214.00	0.00	0.00	18627.45	18608.13	0.16	18608.29	15.30
1108	2216.00	0.00	0.00	18608.13	18588.83	0.16	18588.99	15.30
1109	2218.00	0.00	0.00	18588.83	18569.54	0.16	18569.70	15.30
1110	2220.00	0.00	0.00	18569.54	18550.28	0.16	18550.44	15.30
1111	2222.00	0.00	0.00	18550.28	18531.04	0.16	18531.20	15.30
1112	2224.00	0.00	0.00	18531.04	18511.82	0.16	18511.98	15.30
1113	2226.00	0.00	0.00	18511.82	18492.61	0.16	18492.77	15.30
1114	2228.00	0.00	0.00	18492.61	18473.43	0.16	18473.59	15.30
1115	2230.00	0.00	0.00	18473.43	18454.27	0.16	18454.43	15.30
1116	2232.00	0.00	0.00	18454.27	18435.12	0.16	18435.28	15.30
1117	2234.00	0.00	0.00	18435.12	18416.00	0.16	18416.16	15.30
1118	2236.00	0.00	0.00	18416.00	18396.90	0.16	18397.05	15.29
1119	2238.00	0.00	0.00	18396.90	18377.81	0.16	18377.97	15.29
1120	2240.00	0.00	0.00	18377.81	18358.75	0.16	18358.91	15.29
1121	2242.00	0.00	0.00	18358.75	18339.70	0.16	18339.86	15.29
1122	2244.00	0.00	0.00	18339.70	18320.68	0.16	18320.84	15.29
1123	2246.00	0.00	0.00	18320.68	18301.67	0.16	18301.83	15.29
1124	2248.00	0.00	0.00	18301.67	18282.69	0.16	18282.85	15.29
1125	2250.00	0.00	0.00	18282.69	18263.72	0.16	18263.88	15.29
1126	2252.00	0.00	0.00	18263.72	18244.78	0.16	18244.94	15.29
1127	2254.00	0.00	0.00	18244.78	18225.85	0.16	18226.01	15.29
1128	2256.00	0.00	0.00	18225.85	18206.95	0.16	18207.10	15.29
1129	2258.00	0.00	0.00	18206.95	18188.06	0.16	18188.22	15.29
1130	2260.00	0.00	0.00	18188.06	18169.19	0.16	18169.35	15.29
1131	2262.00	0.00	0.00	18169.19	18150.34	0.16	18150.50	15.29
1132	2264.00	0.00	0.00	18150.34	18131.52	0.16	18131.67	15.29
1133	2266.00	0.00	0.00	18131.52	18112.71	0.16	18112.86	15.29
1134	2268.00	0.00	0.00	18112.71	18093.92	0.16	18094.07	15.29
1135	2270.00	0.00	0.00	18093.92	18075.15	0.16	18075.31	15.29
1136	2272.00	0.00	0.00	18075.15	18056.40	0.16	18056.55	15.29
1137	2274.00	0.00	0.00	18056.40	18037.67	0.16	18037.82	15.29
1138	2276.00	0.00	0.00	18037.67	18018.96	0.16	18019.11	15.29
1139	2278.00	0.00	0.00	18018.96	18000.27	0.16	18000.42	15.29
1140	2280.00	0.00	0.00	18000.27	17981.59	0.16	17981.75	15.29
1141	2282.00	0.00	0.00	17981.59	17962.94	0.16	17963.10	15.29
1142	2284.00	0.00	0.00	17962.94	17944.31	0.16	17944.46	15.29
1143	2286.00	0.00	0.00	17944.31	17925.69	0.16	17925.85	15.29
1144	2288.00	0.00	0.00	17925.69	17907.10	0.15	17907.25	15.29

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1145	2290.00	0.00	0.00	17907.10	17888.52	0.15	17888.68	15.29
1146	2292.00	0.00	0.00	17888.52	17869.96	0.15	17870.12	15.29
1147	2294.00	0.00	0.00	17869.96	17851.43	0.15	17851.58	15.29
1148	2296.00	0.00	0.00	17851.43	17832.91	0.15	17833.06	15.29
1149	2298.00	0.00	0.00	17832.91	17814.41	0.15	17814.56	15.29
1150	2300.00	0.00	0.00	17814.41	17795.93	0.15	17796.08	15.29
1151	2302.00	0.00	0.00	17795.93	17777.47	0.15	17777.62	15.29
1152	2304.00	0.00	0.00	17777.47	17759.03	0.15	17759.18	15.29
1153	2306.00	0.00	0.00	17759.03	17740.61	0.15	17740.76	15.29
1154	2308.00	0.00	0.00	17740.61	17722.20	0.15	17722.36	15.29
1155	2310.00	0.00	0.00	17722.20	17703.82	0.15	17703.97	15.29
1156	2312.00	0.00	0.00	17703.82	17685.46	0.15	17685.61	15.29
1157	2314.00	0.00	0.00	17685.46	17667.11	0.15	17667.26	15.29
1158	2316.00	0.00	0.00	17667.11	17648.78	0.15	17648.94	15.29
1159	2318.00	0.00	0.00	17648.78	17630.47	0.15	17630.63	15.29
1160	2320.00	0.00	0.00	17630.47	17612.19	0.15	17612.34	15.29
1161	2322.00	0.00	0.00	17612.19	17593.92	0.15	17594.07	15.29
1162	2324.00	0.00	0.00	17593.92	17575.67	0.15	17575.82	15.29
1163	2326.00	0.00	0.00	17575.67	17557.43	0.15	17557.59	15.29
1164	2328.00	0.00	0.00	17557.43	17539.22	0.15	17539.37	15.29
1165	2330.00	0.00	0.00	17539.22	17521.03	0.15	17521.18	15.29
1166	2332.00	0.00	0.00	17521.03	17502.85	0.15	17503.00	15.29
1167	2334.00	0.00	0.00	17502.85	17484.69	0.15	17484.85	15.29
1168	2336.00	0.00	0.00	17484.69	17466.56	0.15	17466.71	15.29
1169	2338.00	0.00	0.00	17466.56	17448.44	0.15	17448.59	15.28
1170	2340.00	0.00	0.00	17448.44	17430.34	0.15	17430.49	15.28
1171	2342.00	0.00	0.00	17430.34	17412.26	0.15	17412.41	15.28
1172	2344.00	0.00	0.00	17412.26	17394.19	0.15	17394.35	15.28
1173	2346.00	0.00	0.00	17394.19	17376.15	0.15	17376.30	15.28
1174	2348.00	0.00	0.00	17376.15	17358.13	0.15	17358.28	15.28
1175	2350.00	0.00	0.00	17358.13	17340.12	0.15	17340.27	15.28
1176	2352.00	0.00	0.00	17340.12	17322.13	0.15	17322.28	15.28
1177	2354.00	0.00	0.00	17322.13	17304.16	0.15	17304.31	15.28
1178	2356.00	0.00	0.00	17304.16	17286.21	0.15	17286.36	15.28
1179	2358.00	0.00	0.00	17286.21	17268.28	0.15	17268.43	15.28
1180	2360.00	0.00	0.00	17268.28	17250.37	0.15	17250.52	15.28
1181	2362.00	0.00	0.00	17250.37	17232.47	0.15	17232.62	15.28
1182	2364.00	0.00	0.00	17232.47	17214.60	0.15	17214.75	15.28
1183	2366.00	0.00	0.00	17214.60	17196.74	0.15	17196.89	15.28
1184	2368.00	0.00	0.00	17196.74	17178.90	0.15	17179.05	15.28
1185	2370.00	0.00	0.00	17178.90	17161.08	0.15	17161.23	15.28
1186	2372.00	0.00	0.00	17161.08	17143.28	0.15	17143.43	15.28
1187	2374.00	0.00	0.00	17143.28	17125.50	0.15	17125.64	15.28
1188	2376.00	0.00	0.00	17125.50	17107.73	0.15	17107.88	15.28
1189	2378.00	0.00	0.00	17107.73	17089.98	0.15	17090.13	15.28
1190	2380.00	0.00	0.00	17089.98	17072.26	0.15	17072.40	15.28
1191	2382.00	0.00	0.00	17072.26	17054.55	0.15	17054.69	15.28
1192	2384.00	0.00	0.00	17054.55	17036.86	0.15	17037.00	15.28

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1193	2386.00	0.00	0.00	17036.86	17019.18	0.15	17019.33	15.28
1194	2388.00	0.00	0.00	17019.18	17001.53	0.15	17001.67	15.28
1195	2390.00	0.00	0.00	17001.53	16983.89	0.15	16984.04	15.28
1196	2392.00	0.00	0.00	16983.89	16966.27	0.15	16966.42	15.28
1197	2394.00	0.00	0.00	16966.27	16948.67	0.15	16948.82	15.28
1198	2396.00	0.00	0.00	16948.67	16931.09	0.15	16931.24	15.28
1199	2398.00	0.00	0.00	16931.09	16913.53	0.15	16913.68	15.28
1200	2400.00	0.00	0.00	16913.53	16895.98	0.15	16896.13	15.28
1201	2402.00	0.00	0.00	16895.98	16878.46	0.15	16878.60	15.28
1202	2404.00	0.00	0.00	16878.46	16860.95	0.15	16861.09	15.28
1203	2406.00	0.00	0.00	16860.95	16843.46	0.15	16843.60	15.28
1204	2408.00	0.00	0.00	16843.46	16825.99	0.15	16826.13	15.28
1205	2410.00	0.00	0.00	16825.99	16808.53	0.15	16808.68	15.28
1206	2412.00	0.00	0.00	16808.53	16791.09	0.15	16791.24	15.28
1207	2414.00	0.00	0.00	16791.09	16773.68	0.15	16773.82	15.28
1208	2416.00	0.00	0.00	16773.68	16756.28	0.14	16756.42	15.28
1209	2418.00	0.00	0.00	16756.28	16738.89	0.14	16739.04	15.28
1210	2420.00	0.00	0.00	16738.89	16721.53	0.14	16721.68	15.28
1211	2422.00	0.00	0.00	16721.53	16704.19	0.14	16704.33	15.28
1212	2424.00	0.00	0.00	16704.19	16686.86	0.14	16687.00	15.28
1213	2426.00	0.00	0.00	16686.86	16669.55	0.14	16669.69	15.28
1214	2428.00	0.00	0.00	16669.55	16652.26	0.14	16652.40	15.28
1215	2430.00	0.00	0.00	16652.26	16634.98	0.14	16635.13	15.28
1216	2432.00	0.00	0.00	16634.98	16617.73	0.14	16617.87	15.28
1217	2434.00	0.00	0.00	16617.73	16600.49	0.14	16600.63	15.28
1218	2436.00	0.00	0.00	16600.49	16583.27	0.14	16583.41	15.28
1219	2438.00	0.00	0.00	16583.27	16566.06	0.14	16566.21	15.28
1220	2440.00	0.00	0.00	16566.06	16548.88	0.14	16549.02	15.28
1221	2442.00	0.00	0.00	16548.88	16531.71	0.14	16531.86	15.28
1222	2444.00	0.00	0.00	16531.71	16514.56	0.14	16514.71	15.28
1223	2446.00	0.00	0.00	16514.56	16497.43	0.14	16497.58	15.27
1224	2448.00	0.00	0.00	16497.43	16480.32	0.14	16480.46	15.27
1225	2450.00	0.00	0.00	16480.32	16463.22	0.14	16463.37	15.27
1226	2452.00	0.00	0.00	16463.22	16446.15	0.14	16446.29	15.27
1227	2454.00	0.00	0.00	16446.15	16429.09	0.14	16429.23	15.27
1228	2456.00	0.00	0.00	16429.09	16412.04	0.14	16412.18	15.27
1229	2458.00	0.00	0.00	16412.04	16395.02	0.14	16395.16	15.27
1230	2460.00	0.00	0.00	16395.02	16378.01	0.14	16378.15	15.27
1231	2462.00	0.00	0.00	16378.01	16361.02	0.14	16361.16	15.27
1232	2464.00	0.00	0.00	16361.02	16344.05	0.14	16344.19	15.27
1233	2466.00	0.00	0.00	16344.05	16327.09	0.14	16327.24	15.27
1234	2468.00	0.00	0.00	16327.09	16310.16	0.14	16310.30	15.27
1235	2470.00	0.00	0.00	16310.16	16293.24	0.14	16293.38	15.27
1236	2472.00	0.00	0.00	16293.24	16276.34	0.14	16276.48	15.27
1237	2474.00	0.00	0.00	16276.34	16259.45	0.14	16259.59	15.27
1238	2476.00	0.00	0.00	16259.45	16242.59	0.14	16242.73	15.27
1239	2478.00	0.00	0.00	16242.59	16225.74	0.14	16225.88	15.27
1240	2480.00	0.00	0.00	16225.74	16208.91	0.14	16209.05	15.27

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1241	2482.00	0.00	0.00	16208.91	16192.09	0.14	16192.23	15.27
1242	2484.00	0.00	0.00	16192.09	16175.30	0.14	16175.43	15.27
1243	2486.00	0.00	0.00	16175.30	16158.52	0.14	16158.66	15.27
1244	2488.00	0.00	0.00	16158.52	16141.75	0.14	16141.89	15.27
1245	2490.00	0.00	0.00	16141.75	16125.01	0.14	16125.15	15.27
1246	2492.00	0.00	0.00	16125.01	16108.28	0.14	16108.42	15.27
1247	2494.00	0.00	0.00	16108.28	16091.57	0.14	16091.71	15.27
1248	2496.00	0.00	0.00	16091.57	16074.88	0.14	16075.02	15.27
1249	2498.00	0.00	0.00	16074.88	16058.21	0.14	16058.34	15.27
1250	2500.00	0.00	0.00	16058.21	16041.55	0.14	16041.69	15.27
1251	2502.00	0.00	0.00	16041.55	16024.91	0.14	16025.05	15.27
1252	2504.00	0.00	0.00	16024.91	16008.28	0.14	16008.42	15.27
1253	2506.00	0.00	0.00	16008.28	15991.68	0.14	15991.82	15.27
1254	2508.00	0.00	0.00	15991.68	15975.09	0.14	15975.23	15.27
1255	2510.00	0.00	0.00	15975.09	15958.52	0.14	15958.66	15.27
1256	2512.00	0.00	0.00	15958.52	15941.96	0.14	15942.10	15.27
1257	2514.00	0.00	0.00	15941.96	15925.43	0.14	15925.56	15.27
1258	2516.00	0.00	0.00	15925.43	15908.91	0.14	15909.04	15.27
1259	2518.00	0.00	0.00	15908.91	15892.40	0.14	15892.54	15.27
1260	2520.00	0.00	0.00	15892.40	15875.92	0.14	15876.05	15.27
1261	2522.00	0.00	0.00	15875.92	15859.45	0.14	15859.59	15.27
1262	2524.00	0.00	0.00	15859.45	15843.00	0.14	15843.13	15.27
1263	2526.00	0.00	0.00	15843.00	15826.56	0.14	15826.70	15.27
1264	2528.00	0.00	0.00	15826.56	15810.14	0.14	15810.28	15.27
1265	2530.00	0.00	0.00	15810.14	15793.74	0.14	15793.88	15.27
1266	2532.00	0.00	0.00	15793.74	15777.36	0.14	15777.50	15.27
1267	2534.00	0.00	0.00	15777.36	15760.99	0.14	15761.13	15.27
1268	2536.00	0.00	0.00	15760.99	15744.64	0.14	15744.78	15.27
1269	2538.00	0.00	0.00	15744.64	15728.31	0.14	15728.45	15.27
1270	2540.00	0.00	0.00	15728.31	15712.00	0.14	15712.13	15.27
1271	2542.00	0.00	0.00	15712.00	15695.70	0.14	15695.83	15.27
1272	2544.00	0.00	0.00	15695.70	15679.42	0.14	15679.55	15.27
1273	2546.00	0.00	0.00	15679.42	15663.15	0.14	15663.29	15.27
1274	2548.00	0.00	0.00	15663.15	15646.90	0.14	15647.04	15.27
1275	2550.00	0.00	0.00	15646.90	15630.67	0.14	15630.81	15.27
1276	2552.00	0.00	0.00	15630.67	15614.46	0.14	15614.59	15.27
1277	2554.00	0.00	0.00	15614.46	15598.26	0.13	15598.39	15.27
1278	2556.00	0.00	0.00	15598.26	15582.08	0.13	15582.21	15.27
1279	2558.00	0.00	0.00	15582.08	15565.92	0.13	15566.05	15.26
1280	2560.00	0.00	0.00	15565.92	15549.77	0.13	15549.90	15.26
1281	2562.00	0.00	0.00	15549.77	15533.64	0.13	15533.77	15.26
1282	2564.00	0.00	0.00	15533.64	15517.52	0.13	15517.66	15.26
1283	2566.00	0.00	0.00	15517.52	15501.43	0.13	15501.56	15.26
1284	2568.00	0.00	0.00	15501.43	15485.35	0.13	15485.48	15.26
1285	2570.00	0.00	0.00	15485.35	15469.28	0.13	15469.42	15.26
1286	2572.00	0.00	0.00	15469.28	15453.24	0.13	15453.37	15.26
1287	2574.00	0.00	0.00	15453.24	15437.21	0.13	15437.34	15.26
1288	2576.00	0.00	0.00	15437.21	15421.19	0.13	15421.33	15.26

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1289	2578.00	0.00	0.00	15421.19	15405.20	0.13	15405.33	15.26
1290	2580.00	0.00	0.00	15405.20	15389.22	0.13	15389.35	15.26
1291	2582.00	0.00	0.00	15389.22	15373.25	0.13	15373.38	15.26
1292	2584.00	0.00	0.00	15373.25	15357.30	0.13	15357.44	15.26
1293	2586.00	0.00	0.00	15357.30	15341.37	0.13	15341.51	15.26
1294	2588.00	0.00	0.00	15341.37	15325.46	0.13	15325.59	15.26
1295	2590.00	0.00	0.00	15325.46	15309.56	0.13	15309.69	15.26
1296	2592.00	0.00	0.00	15309.56	15293.68	0.13	15293.81	15.26
1297	2594.00	0.00	0.00	15293.68	15277.82	0.13	15277.95	15.26
1298	2596.00	0.00	0.00	15277.82	15261.97	0.13	15262.10	15.26
1299	2598.00	0.00	0.00	15261.97	15246.14	0.13	15246.27	15.26
1300	2600.00	0.00	0.00	15246.14	15230.32	0.13	15230.45	15.26
1301	2602.00	0.00	0.00	15230.32	15214.52	0.13	15214.65	15.26
1302	2604.00	0.00	0.00	15214.52	15198.74	0.13	15198.87	15.26
1303	2606.00	0.00	0.00	15198.74	15182.97	0.13	15183.10	15.26
1304	2608.00	0.00	0.00	15182.97	15167.22	0.13	15167.35	15.26
1305	2610.00	0.00	0.00	15167.22	15151.49	0.13	15151.62	15.26
1306	2612.00	0.00	0.00	15151.49	15135.77	0.13	15135.90	15.26
1307	2614.00	0.00	0.00	15135.77	15120.07	0.13	15120.20	15.26
1308	2616.00	0.00	0.00	15120.07	15104.39	0.13	15104.52	15.26
1309	2618.00	0.00	0.00	15104.39	15088.72	0.13	15088.85	15.26
1310	2620.00	0.00	0.00	15088.72	15073.07	0.13	15073.20	15.26
1311	2622.00	0.00	0.00	15073.07	15057.43	0.13	15057.56	15.26
1312	2624.00	0.00	0.00	15057.43	15041.81	0.13	15041.94	15.26
1313	2626.00	0.00	0.00	15041.81	15026.21	0.13	15026.34	15.26
1314	2628.00	0.00	0.00	15026.21	15010.62	0.13	15010.75	15.26
1315	2630.00	0.00	0.00	15010.62	14995.05	0.13	14995.18	15.26
1316	2632.00	0.00	0.00	14995.05	14979.49	0.13	14979.62	15.26
1317	2634.00	0.00	0.00	14979.49	14963.95	0.13	14964.08	15.26
1318	2636.00	0.00	0.00	14963.95	14948.43	0.13	14948.56	15.26
1319	2638.00	0.00	0.00	14948.43	14932.92	0.13	14933.05	15.26
1320	2640.00	0.00	0.00	14932.92	14917.43	0.13	14917.56	15.26
1321	2642.00	0.00	0.00	14917.43	14901.96	0.13	14902.09	15.26
1322	2644.00	0.00	0.00	14901.96	14886.50	0.13	14886.63	15.26
1323	2646.00	0.00	0.00	14886.50	14871.06	0.13	14871.19	15.26
1324	2648.00	0.00	0.00	14871.06	14855.63	0.13	14855.76	15.26
1325	2650.00	0.00	0.00	14855.63	14840.22	0.13	14840.35	15.26
1326	2652.00	0.00	0.00	14840.22	14824.83	0.13	14824.96	15.26
1327	2654.00	0.00	0.00	14824.83	14809.45	0.13	14809.58	15.26
1328	2656.00	0.00	0.00	14809.45	14794.09	0.13	14794.22	15.26
1329	2658.00	0.00	0.00	14794.09	14778.74	0.13	14778.87	15.26
1330	2660.00	0.00	0.00	14778.74	14763.41	0.13	14763.54	15.26
1331	2662.00	0.00	0.00	14763.41	14748.10	0.13	14748.22	15.26
1332	2664.00	0.00	0.00	14748.10	14732.80	0.13	14732.92	15.26
1333	2666.00	0.00	0.00	14732.80	14717.51	0.13	14717.64	15.26
1334	2668.00	0.00	0.00	14717.51	14702.25	0.13	14702.37	15.26
1335	2670.00	0.00	0.00	14702.25	14687.00	0.13	14687.12	15.26
1336	2672.00	0.00	0.00	14687.00	14671.76	0.13	14671.89	15.26

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1337	2674.00	0.00	0.00	14671.76	14656.54	0.13	14656.67	15.26
1338	2676.00	0.00	0.00	14656.54	14641.34	0.13	14641.46	15.26
1339	2678.00	0.00	0.00	14641.34	14626.15	0.13	14626.28	15.26
1340	2680.00	0.00	0.00	14626.15	14610.98	0.13	14611.10	15.25
1341	2682.00	0.00	0.00	14610.98	14595.82	0.13	14595.95	15.25
1342	2684.00	0.00	0.00	14595.82	14580.68	0.13	14580.81	15.25
1343	2686.00	0.00	0.00	14580.68	14565.55	0.13	14565.68	15.25
1344	2688.00	0.00	0.00	14565.55	14550.44	0.13	14550.57	15.25
1345	2690.00	0.00	0.00	14550.44	14535.35	0.13	14535.48	15.25
1346	2692.00	0.00	0.00	14535.35	14520.27	0.13	14520.40	15.25
1347	2694.00	0.00	0.00	14520.27	14505.21	0.13	14505.34	15.25
1348	2696.00	0.00	0.00	14505.21	14490.16	0.13	14490.29	15.25
1349	2698.00	0.00	0.00	14490.16	14475.13	0.13	14475.26	15.25
1350	2700.00	0.00	0.00	14475.13	14460.12	0.13	14460.24	15.25
1351	2702.00	0.00	0.00	14460.12	14445.12	0.12	14445.24	15.25
1352	2704.00	0.00	0.00	14445.12	14430.13	0.12	14430.26	15.25
1353	2706.00	0.00	0.00	14430.13	14415.16	0.12	14415.29	15.25
1354	2708.00	0.00	0.00	14415.16	14400.21	0.12	14400.33	15.25
1355	2710.00	0.00	0.00	14400.21	14385.27	0.12	14385.40	15.25
1356	2712.00	0.00	0.00	14385.27	14370.35	0.12	14370.47	15.25
1357	2714.00	0.00	0.00	14370.35	14355.44	0.12	14355.57	15.25
1358	2716.00	0.00	0.00	14355.44	14340.55	0.12	14340.68	15.25
1359	2718.00	0.00	0.00	14340.55	14325.68	0.12	14325.80	15.25
1360	2720.00	0.00	0.00	14325.68	14310.81	0.12	14310.94	15.25
1361	2722.00	0.00	0.00	14310.81	14295.97	0.12	14296.09	15.25
1362	2724.00	0.00	0.00	14295.97	14281.14	0.12	14281.26	15.25
1363	2726.00	0.00	0.00	14281.14	14266.33	0.12	14266.45	15.25
1364	2728.00	0.00	0.00	14266.33	14251.53	0.12	14251.65	15.25
1365	2730.00	0.00	0.00	14251.53	14236.74	0.12	14236.87	15.25
1366	2732.00	0.00	0.00	14236.74	14221.97	0.12	14222.10	15.25
1367	2734.00	0.00	0.00	14221.97	14207.22	0.12	14207.34	15.25
1368	2736.00	0.00	0.00	14207.22	14192.48	0.12	14192.61	15.25
1369	2738.00	0.00	0.00	14192.48	14177.76	0.12	14177.88	15.25
1370	2740.00	0.00	0.00	14177.76	14163.05	0.12	14163.18	15.25
1371	2742.00	0.00	0.00	14163.05	14148.36	0.12	14148.48	15.25
1372	2744.00	0.00	0.00	14148.36	14133.69	0.12	14133.81	15.25
1373	2746.00	0.00	0.00	14133.69	14119.02	0.12	14119.15	15.25
1374	2748.00	0.00	0.00	14119.02	14104.38	0.12	14104.50	15.25
1375	2750.00	0.00	0.00	14104.38	14089.75	0.12	14089.87	15.25
1376	2752.00	0.00	0.00	14089.75	14075.13	0.12	14075.25	15.25
1377	2754.00	0.00	0.00	14075.13	14060.53	0.12	14060.65	15.25
1378	2756.00	0.00	0.00	14060.53	14045.94	0.12	14046.07	15.25
1379	2758.00	0.00	0.00	14045.94	14031.37	0.12	14031.50	15.25
1380	2760.00	0.00	0.00	14031.37	14016.82	0.12	14016.94	15.25
1381	2762.00	0.00	0.00	14016.82	14002.28	0.12	14002.40	15.25
1382	2764.00	0.00	0.00	14002.28	13987.75	0.12	13987.87	15.25
1383	2766.00	0.00	0.00	13987.75	13973.24	0.12	13973.36	15.25
1384	2768.00	0.00	0.00	13973.24	13958.75	0.12	13958.87	15.25

User Name: Willie Hall

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Scenario: Proposed Basins #2 and #3

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FLOOD HYDROGRAPH REPORT

1385	2770.00	0.00	0.00	13958.75	13944.27	0.12	13944.39	15.25
1386	2772.00	0.00	0.00	13944.27	13929.80	0.12	13929.92	15.25
1387	2774.00	0.00	0.00	13929.80	13915.35	0.12	13915.47	15.25
1388	2776.00	0.00	0.00	13915.35	13900.92	0.12	13901.04	15.25
1389	2778.00	0.00	0.00	13900.92	13886.50	0.12	13886.62	15.25
1390	2780.00	0.00	0.00	13886.50	13872.09	0.12	13872.21	15.25
1391	2782.00	0.00	0.00	13872.09	13857.70	0.12	13857.82	15.25
1392	2784.00	0.00	0.00	13857.70	13843.33	0.12	13843.45	15.25
1393	2786.00	0.00	0.00	13843.33	13828.97	0.12	13829.09	15.25
1394	2788.00	0.00	0.00	13828.97	13814.62	0.12	13814.74	15.25
1395	2790.00	0.00	0.00	13814.62	13800.29	0.12	13800.41	15.25
1396	2792.00	0.00	0.00	13800.29	13785.98	0.12	13786.10	15.25
1397	2794.00	0.00	0.00	13785.98	13771.68	0.12	13771.80	15.25
1398	2796.00	0.00	0.00	13771.68	13757.39	0.12	13757.51	15.25
1399	2798.00	0.00	0.00	13757.39	13743.12	0.12	13743.24	15.25
1400	2800.00	0.00	0.00	13743.12	13728.86	0.12	13728.98	15.25
1401	2802.00	0.00	0.00	13728.86	13714.62	0.12	13714.74	15.25
1402	2804.00	0.00	0.00	13714.62	13700.39	0.12	13700.51	15.25
1403	2806.00	0.00	0.00	13700.39	13686.18	0.12	13686.30	15.25
1404	2808.00	0.00	0.00	13686.18	13671.99	0.12	13672.10	15.24
1405	2810.00	0.00	0.00	13671.99	13657.80	0.12	13657.92	15.24
1406	2812.00	0.00	0.00	13657.80	13643.64	0.12	13643.75	15.24
1407	2814.00	0.00	0.00	13643.64	13629.48	0.12	13629.60	15.24
1408	2816.00	0.00	0.00	13629.48	13615.34	0.12	13615.46	15.24
1409	2818.00	0.00	0.00	13615.34	13601.22	0.12	13601.34	15.24
1410	2820.00	0.00	0.00	13601.22	13587.11	0.12	13587.23	15.24
1411	2822.00	0.00	0.00	13587.11	13573.02	0.12	13573.13	15.24
1412	2824.00	0.00	0.00	13573.02	13558.94	0.12	13559.05	15.24
1413	2826.00	0.00	0.00	13558.94	13544.87	0.12	13544.99	15.24
1414	2828.00	0.00	0.00	13544.87	13530.82	0.12	13530.94	15.24
1415	2830.00	0.00	0.00	13530.82	13516.78	0.12	13516.90	15.24
1416	2832.00	0.00	0.00	13516.78	13502.76	0.12	13502.88	15.24
1417	2834.00	0.00	0.00	13502.76	13488.76	0.12	13488.87	15.24
1418	2836.00	0.00	0.00	13488.76	13474.76	0.12	13474.88	15.24
1419	2838.00	0.00	0.00	13474.76	13460.79	0.12	13460.90	15.24
1420	2840.00	0.00	0.00	13460.79	13446.82	0.12	13446.94	15.24
1421	2842.00	0.00	0.00	13446.82	13432.87	0.12	13432.99	15.24
1422	2844.00	0.00	0.00	13432.87	13418.94	0.12	13419.06	15.24
1423	2846.00	0.00	0.00	13418.94	13405.02	0.12	13405.14	15.24
1424	2848.00	0.00	0.00	13405.02	13391.11	0.12	13391.23	15.24
1425	2850.00	0.00	0.00	13391.11	13377.22	0.12	13377.34	15.24
1426	2852.00	0.00	0.00	13377.22	13363.35	0.12	13363.46	15.24
1427	2854.00	0.00	0.00	13363.35	13349.48	0.12	13349.60	15.24
1428	2856.00	0.00	0.00	13349.48	13335.64	0.12	13335.75	15.24
1429	2858.00	0.00	0.00	13335.64	13321.80	0.12	13321.92	15.24
1430	2860.00	0.00	0.00	13321.80	13307.98	0.12	13308.10	15.24
1431	2862.00	0.00	0.00	13307.98	13294.18	0.11	13294.29	15.24
1432	2864.00	0.00	0.00	13294.18	13280.39	0.11	13280.50	15.24

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FLOOD HYDROGRAPH REPORT

1433	2866.00	0.00	0.00	13280.39	13266.61	0.11	13266.73	15.24
1434	2868.00	0.00	0.00	13266.61	13252.85	0.11	13252.96	15.24
1435	2870.00	0.00	0.00	13252.85	13239.10	0.11	13239.22	15.24
1436	2872.00	0.00	0.00	13239.10	13225.37	0.11	13225.48	15.24
1437	2874.00	0.00	0.00	13225.37	13211.65	0.11	13211.76	15.24
1438	2876.00	0.00	0.00	13211.65	13197.94	0.11	13198.06	15.24
1439	2878.00	0.00	0.00	13197.94	13184.25	0.11	13184.37	15.24
1440	2880.00	0.00	0.00	13184.25	13170.58	0.11	13170.69	15.24

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 22
Name: 1-1/4" WQ Storm
Type: Computed Flood

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 1.77 (cfs)
Time to Peak (Tp) = 726.00 (min)
Time of Base (Tb) = 1488.40 (min)
Volume = 0.23 (ac-ft)
Time Step = 2.00 (min)
Flow Multiplier = 1.00

[UNIT HYDROGRAPH INFORMATION]

Number = 1
Type = SCS Curvilinear
Peak Flow (Qp) = 109.17 (cfs)
Time to Peak (Tp) = 10.00 (min)
Time of Base (Tb) = 50.00 (min)
Volume = 2.01 (ac-ft)
Shape Factor = 484.00
Time Step: = 2.00 (min)
Excess Rain = 1.00 (in)
Lag Time = 9.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Preserve Lots	9.61	86
Pavement	0.17	98
Grass - Good Condition	13.20	68
Water	1.08	98
Overall Approximation	24.06	77

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc) = 15.00 (min)

[RAINFALL DESCRIPTION]

Distribution Type = SCS II
Total Precipitation = 1.25 (in)
Return Period = 100 (yr)
Storm Duration = 24.00 (hr)

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 23
Name: 0.5" Driect WQ Storm
Type: Computed Flood

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 13.95 (cfs)
Time to Peak (Tp) = 724.00 (min)
Time of Base (Tb) = 1488.40 (min)
Volume = 1.01 (ac-ft)
Time Step = 2.00 (min)
Flow Multiplier = 1.00

[UNIT HYDROGRAPH INFORMATION]

Number = 1
Type = SCS Curvilinear
Peak Flow (Qp) = 109.17 (cfs)
Time to Peak (Tp) = 10.00 (min)
Time of Base (Tb) = 50.00 (min)
Volume = 2.01 (ac-ft)
Shape Factor = 484.00
Time Step: = 2.00 (min)
Excess Rain = 1.00 (in)
Lag Time = 9.00 (min)

[BASIN INFORMATION]

[WEIGHTED WATERSHED AREA]

Description	Area	CN
Preserve Lots	9.61	86
Pavement	0.17	98
Grass - Good Condition	13.20	68
Water	1.08	98
Overall Approximation	24.06	77

[TIME CONCENTRATION -- User Defined]

Time of Concentration (Tc) = 15.00 (min)

[RAINFALL DESCRIPTION]

Distribution Type = SCS II
Total Precipitation = 2.10 (in)
Return Period = 100 (yr)
Storm Duration = 24.00 (hr)

FLOOD HYDROGRAPH REPORT

Hydrograph Number: 24
Name: Routed 0.5" Direct WQ Storm
Type: Reservoir: Storage Indication

[HYDROGRAPH INFORMATION]

Peak Flow (Qp) = 0.53 (cfs)
Time to Peak (Tp) = 1034.00 (min)
Time of Base (Tb) = 2880.00 (min)
Volume = 0.45 (ac-ft)
Time Step = 2.00 (min)
Peak Elevation = 10.59 (ft)
Detention Time = NA

[RESERVOIR STRUCTURE INFORMATION]

Number = 1
Name = Preliminary Pond #4
Storage Type = User-Defined Volume
Maximum Storage = 367556.31 (cu ft)
Maximum Discharge = 18.17 (cfs)

[INFLOW HYDROGRAPH INFORMATION]

Number = 23
Name = 0.5" Driect WQ Storm
Peak Flow (Qp) = 13.95 (cfs)
Time to Peak (Tp) = 724.00 (min)
Time of Base (Tb) = 1488.40 (min)
Volume = 1.01 (ac-ft)
Flow Multiplier = 1.00

[EQUATION]

$0.5(I1+I2)dt + S1-0.5(O2)dt$

Where:

I1 = Previous Inflow
I2 = Current Inflow
dt = Time increment
S1 = Previous Storage
S2 = Current Storage
O1 = Previous Outflow
O2 = Current Outflow

A = 0.5 (I1+I2) dt
B = S1 - 0.5 (O1) dt
C = S2 + 0.5 (O2) dt

FLOOD HYDROGRAPH REPORT

Computation of Reservoir Outflow Table of Storage Indication Method
[The time interval is 2.00 min]

Intv	Time	Inflow	A	B	C	Outflow	Storage	Elev
(min)	(cfs)	(cfs)	(cfs)	(cfs)	(cfs)	(cu ft)	(ft)	
1	2.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
2	4.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
3	6.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
4	8.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
5	10.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
6	12.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
7	14.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
8	16.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
9	18.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
10	20.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
11	22.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
12	24.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
13	26.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
14	28.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
15	30.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
16	32.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
17	34.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
18	36.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
19	38.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
20	40.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
21	42.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
22	44.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
23	46.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
24	48.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
25	50.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
26	52.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
27	54.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
28	56.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
29	58.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
30	60.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
31	62.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
32	64.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
33	66.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
34	68.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
35	70.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
36	72.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
37	74.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
38	76.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
39	78.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
40	80.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

User Name: Willie Hall

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Project: John Grimmer - Hillview Development - EP Drainage

Time: 19:32:52

Scenario: Proposed Pond #4 Basin

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FLOOD HYDROGRAPH REPORT

41	82.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
42	84.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
43	86.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
44	88.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
45	90.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
46	92.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
47	94.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
48	96.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
49	98.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
50	100.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
51	102.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
52	104.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
53	106.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
54	108.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
55	110.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
56	112.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
57	114.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
58	116.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
59	118.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
60	120.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
61	122.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
62	124.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
63	126.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
64	128.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
65	130.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
66	132.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
67	134.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
68	136.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
69	138.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
70	140.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
71	142.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
72	144.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
73	146.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
74	148.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
75	150.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
76	152.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
77	154.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
78	156.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
79	158.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
80	160.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
81	162.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
82	164.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
83	166.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
84	168.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
85	170.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
86	172.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
87	174.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
88	176.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

User Name: Willie Hall

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FLOOD HYDROGRAPH REPORT

89	178.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
90	180.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
91	182.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
92	184.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
93	186.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
94	188.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
95	190.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
96	192.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
97	194.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
98	196.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
99	198.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
100	200.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
101	202.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
102	204.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
103	206.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
104	208.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
105	210.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
106	212.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
107	214.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
108	216.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
109	218.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
110	220.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
111	222.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
112	224.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
113	226.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
114	228.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
115	230.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
116	232.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
117	234.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
118	236.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
119	238.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
120	240.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
121	242.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
122	244.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
123	246.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
124	248.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
125	250.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
126	252.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
127	254.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
128	256.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
129	258.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
130	260.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
131	262.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
132	264.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
133	266.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
134	268.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
135	270.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
136	272.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

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137	274.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
138	276.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
139	278.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
140	280.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
141	282.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
142	284.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
143	286.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
144	288.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
145	290.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
146	292.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
147	294.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
148	296.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
149	298.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
150	300.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
151	302.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
152	304.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
153	306.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
154	308.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
155	310.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
156	312.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
157	314.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
158	316.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
159	318.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
160	320.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
161	322.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
162	324.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
163	326.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
164	328.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
165	330.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
166	332.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
167	334.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
168	336.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
169	338.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
170	340.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
171	342.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
172	344.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
173	346.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
174	348.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
175	350.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
176	352.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
177	354.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
178	356.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
179	358.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
180	360.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
181	362.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
182	364.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
183	366.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
184	368.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

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185	370.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
186	372.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
187	374.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
188	376.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
189	378.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
190	380.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
191	382.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
192	384.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
193	386.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
194	388.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
195	390.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
196	392.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
197	394.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
198	396.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
199	398.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
200	400.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
201	402.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
202	404.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
203	406.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
204	408.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
205	410.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
206	412.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
207	414.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
208	416.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
209	418.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
210	420.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
211	422.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
212	424.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
213	426.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
214	428.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
215	430.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
216	432.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
217	434.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
218	436.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
219	438.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
220	440.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
221	442.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
222	444.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
223	446.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
224	448.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
225	450.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
226	452.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
227	454.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
228	456.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
229	458.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
230	460.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
231	462.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
232	464.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

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233	466.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
234	468.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
235	470.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
236	472.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
237	474.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
238	476.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
239	478.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
240	480.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
241	482.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
242	484.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
243	486.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
244	488.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
245	490.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
246	492.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
247	494.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
248	496.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
249	498.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
250	500.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
251	502.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
252	504.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
253	506.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
254	508.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
255	510.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
256	512.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
257	514.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
258	516.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
259	518.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
260	520.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
261	522.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
262	524.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
263	526.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
264	528.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
265	530.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
266	532.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
267	534.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
268	536.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
269	538.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
270	540.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
271	542.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
272	544.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
273	546.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
274	548.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
275	550.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
276	552.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
277	554.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
278	556.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
279	558.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
280	560.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

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281	562.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
282	564.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
283	566.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
284	568.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
285	570.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
286	572.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
287	574.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
288	576.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
289	578.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
290	580.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
291	582.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
292	584.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
293	586.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
294	588.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
295	590.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
296	592.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
297	594.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
298	596.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
299	598.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
300	600.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
301	602.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
302	604.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
303	606.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
304	608.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
305	610.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
306	612.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
307	614.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
308	616.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
309	618.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
310	620.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
311	622.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
312	624.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
313	626.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
314	628.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
315	630.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
316	632.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
317	634.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
318	636.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
319	638.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
320	640.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
321	642.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
322	644.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
323	646.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
324	648.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
325	650.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
326	652.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
327	654.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
328	656.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00

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329	658.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
330	660.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
331	662.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
332	664.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
333	666.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
334	668.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
335	670.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
336	672.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
337	674.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
338	676.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
339	678.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
340	680.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
341	682.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
342	684.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
343	686.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
344	688.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
345	690.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
346	692.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
347	694.00	0.00	0.00	0.00	0.18	0.00	0.18	10.00
348	696.00	0.01	0.02	0.18	1.23	0.00	1.23	10.00
349	698.00	0.05	0.06	1.23	4.90	0.00	4.90	10.00
350	700.00	0.12	0.17	4.90	14.90	0.00	14.90	10.00
351	702.00	0.26	0.38	14.90	37.58	0.00	37.58	10.00
352	704.00	0.49	0.75	37.58	82.46	0.00	82.46	10.00
353	706.00	0.85	1.34	82.46	162.66	0.00	162.66	10.00
354	708.00	1.38	2.22	162.66	296.14	0.00	296.14	10.01
355	710.00	2.16	3.54	296.14	508.50	0.00	508.50	10.01
356	712.00	3.32	5.48	508.50	837.37	0.00	837.37	10.02
357	714.00	5.00	8.32	837.37	1336.49	0.00	1336.49	10.03
358	716.00	7.24	12.24	1336.49	2070.95	0.00	2070.95	10.04
359	718.00	9.84	17.08	2070.95	3095.71	0.00	3095.71	10.06
360	720.00	12.23	22.07	3095.71	4419.72	0.00	4419.72	10.09
361	722.00	13.73	25.96	4419.72	5977.20	0.00	5977.20	10.13
362	724.00	13.95	27.68	5977.20	7638.16	0.00	7638.16	10.16
363	726.00	13.03	26.98	7638.16	9256.96	0.00	9256.96	10.19
364	728.00	11.40	24.43	9256.96	10722.56	0.00	10722.56	10.22
365	730.00	9.58	20.98	10722.56	11981.61	0.00	11981.61	10.25
366	732.00	7.96	17.54	11981.61	13033.98	0.00	13033.98	10.27
367	734.00	6.69	14.64	13033.98	13912.50	0.00	13912.50	10.29
368	736.00	5.75	12.44	13912.50	14658.78	0.00	14658.78	10.31
369	738.00	5.05	10.80	14658.78	15306.82	0.00	15306.82	10.32
370	740.00	4.50	9.55	15306.82	15879.95	0.00	15879.95	10.33
371	742.00	4.07	8.57	15879.95	16394.44	0.00	16394.44	10.34
372	744.00	3.72	7.79	16394.44	16862.11	0.00	16862.11	10.35
373	746.00	3.43	7.16	16862.11	17291.44	0.00	17291.44	10.36
374	748.00	3.18	6.62	17291.44	17688.47	0.00	17688.47	10.37
375	750.00	2.96	6.15	17688.47	18057.39	0.00	18057.39	10.38
376	752.00	2.76	5.73	18057.39	18401.13	0.00	18401.13	10.38

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377	754.00	2.58	5.35	18401.13	18721.93	0.00	18721.93	10.39
378	756.00	2.42	5.00	18721.93	19021.84	0.00	19021.84	10.40
379	758.00	2.27	4.69	19021.84	19303.04	0.00	19303.04	10.40
380	760.00	2.14	4.41	19303.04	19567.91	0.00	19567.91	10.41
381	762.00	2.04	4.18	19567.91	19818.95	0.00	19818.95	10.41
382	764.00	1.96	4.00	19818.95	20058.71	0.00	20058.71	10.42
383	766.00	1.89	3.85	20058.71	20289.53	0.00	20289.53	10.42
384	768.00	1.84	3.73	20289.53	20513.17	0.00	20513.17	10.43
385	770.00	1.79	3.63	20513.17	20730.79	0.00	20730.79	10.43
386	772.00	1.75	3.54	20730.79	20943.01	0.00	20943.01	10.43
387	774.00	1.71	3.45	20943.01	21150.25	0.00	21150.25	10.44
388	776.00	1.67	3.38	21150.25	21352.79	0.00	21352.79	10.44
389	778.00	1.63	3.30	21352.79	21550.80	0.00	21550.80	10.45
390	780.00	1.60	3.23	21550.80	21744.41	0.00	21744.41	10.45
391	782.00	1.56	3.15	21744.41	21933.65	0.00	21933.65	10.45
392	784.00	1.52	3.08	21933.65	22118.60	0.00	22118.60	10.46
393	786.00	1.49	3.01	22118.60	22299.46	0.00	22299.46	10.46
394	788.00	1.46	2.95	22299.46	22476.45	0.00	22476.45	10.47
395	790.00	1.43	2.89	22476.45	22649.83	0.00	22649.83	10.47
396	792.00	1.40	2.83	22649.83	22819.93	0.00	22819.93	10.47
397	794.00	1.38	2.78	22819.93	22987.02	0.00	22987.02	10.48
398	796.00	1.36	2.74	22987.02	23151.34	0.00	23151.34	10.48
399	798.00	1.34	2.70	23151.34	23313.06	0.00	23313.06	10.48
400	800.00	1.32	2.65	23313.06	23472.29	0.00	23472.29	10.49
401	802.00	1.30	2.61	23472.29	23629.10	0.00	23629.10	10.49
402	804.00	1.28	2.57	23629.10	23783.56	0.00	23783.56	10.49
403	806.00	1.26	2.54	23783.56	23935.69	0.00	23935.69	10.50
404	808.00	1.24	2.50	23935.69	24085.50	0.00	24085.50	10.50
405	810.00	1.22	2.46	24085.50	24232.42	0.01	24232.43	10.50
406	812.00	1.20	2.42	24232.42	24375.43	0.03	24375.46	10.50
407	814.00	1.18	2.38	24375.43	24514.16	0.04	24514.20	10.51
408	816.00	1.16	2.34	24514.16	24648.76	0.06	24648.82	10.51
409	818.00	1.14	2.30	24648.76	24779.36	0.07	24779.43	10.51
410	820.00	1.13	2.27	24779.36	24906.08	0.09	24906.17	10.52
411	822.00	1.11	2.23	24906.08	25029.10	0.10	25029.20	10.52
412	824.00	1.09	2.20	25029.10	25148.54	0.11	25148.65	10.52
413	826.00	1.08	2.17	25148.54	25264.53	0.13	25264.66	10.52
414	828.00	1.06	2.14	25264.53	25377.17	0.14	25377.31	10.52
415	830.00	1.05	2.11	25377.17	25486.54	0.15	25486.69	10.53
416	832.00	1.03	2.08	25486.54	25592.71	0.16	25592.87	10.53
417	834.00	1.02	2.05	25592.71	25695.72	0.17	25695.89	10.53
418	836.00	1.00	2.02	25695.72	25795.63	0.19	25795.82	10.53
419	838.00	0.99	2.00	25795.63	25892.49	0.20	25892.69	10.53
420	840.00	0.98	1.97	25892.49	25986.33	0.21	25986.54	10.54
421	842.00	0.96	1.94	25986.33	26077.19	0.22	26077.41	10.54
422	844.00	0.95	1.91	26077.19	26165.14	0.23	26165.37	10.54
423	846.00	0.93	1.88	26165.14	26250.28	0.24	26250.51	10.54
424	848.00	0.92	1.86	26250.28	26332.74	0.25	26332.99	10.54

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425	850.00	0.91	1.83	26332.74	26412.74	0.25	26412.99	10.55
426	852.00	0.90	1.81	26412.74	26490.46	0.26	26490.72	10.55
427	854.00	0.89	1.80	26490.46	26566.12	0.27	26566.39	10.55
428	856.00	0.89	1.78	26566.12	26639.80	0.28	26640.08	10.55
429	858.00	0.88	1.77	26639.80	26711.65	0.29	26711.94	10.55
430	860.00	0.87	1.75	26711.65	26781.83	0.30	26782.12	10.55
431	862.00	0.87	1.74	26781.83	26850.39	0.30	26850.69	10.55
432	864.00	0.86	1.73	26850.39	26917.40	0.31	26917.72	10.56
433	866.00	0.86	1.72	26917.40	26982.92	0.32	26983.23	10.56
434	868.00	0.85	1.71	26982.92	27046.96	0.33	27047.28	10.56
435	870.00	0.85	1.70	27046.96	27109.57	0.33	27109.90	10.56
436	872.00	0.84	1.69	27109.57	27170.77	0.34	27171.11	10.56
437	874.00	0.84	1.68	27170.77	27230.58	0.35	27230.93	10.56
438	876.00	0.83	1.67	27230.58	27289.03	0.35	27289.39	10.56
439	878.00	0.83	1.66	27289.03	27346.14	0.36	27346.50	10.56
440	880.00	0.83	1.65	27346.14	27401.92	0.37	27402.29	10.57
441	882.00	0.82	1.65	27401.92	27456.40	0.37	27456.77	10.57
442	884.00	0.82	1.64	27456.40	27509.57	0.38	27509.95	10.57
443	886.00	0.81	1.63	27509.57	27561.48	0.38	27561.86	10.57
444	888.00	0.81	1.62	27561.48	27612.12	0.39	27612.51	10.57
445	890.00	0.80	1.61	27612.12	27661.51	0.39	27661.90	10.57
446	892.00	0.80	1.60	27661.51	27709.66	0.40	27710.06	10.57
447	894.00	0.79	1.59	27709.66	27756.60	0.41	27757.00	10.57
448	896.00	0.79	1.58	27756.60	27802.32	0.41	27802.73	10.57
449	898.00	0.78	1.57	27802.32	27846.86	0.42	27847.27	10.57
450	900.00	0.78	1.56	27846.86	27890.21	0.42	27890.63	10.57
451	902.00	0.77	1.55	27890.21	27932.40	0.43	27932.83	10.58
452	904.00	0.77	1.54	27932.40	27973.44	0.43	27973.87	10.58
453	906.00	0.76	1.53	27973.44	28013.33	0.43	28013.77	10.58
454	908.00	0.76	1.52	28013.33	28052.10	0.44	28052.54	10.58
455	910.00	0.75	1.51	28052.10	28089.75	0.44	28090.19	10.58
456	912.00	0.75	1.50	28089.75	28126.30	0.45	28126.75	10.58
457	914.00	0.74	1.49	28126.30	28161.76	0.45	28162.21	10.58
458	916.00	0.74	1.48	28161.76	28196.15	0.46	28196.60	10.58
459	918.00	0.73	1.47	28196.15	28229.47	0.46	28229.92	10.58
460	920.00	0.73	1.46	28229.47	28261.73	0.46	28262.19	10.58
461	922.00	0.72	1.45	28261.73	28292.90	0.47	28293.36	10.58
462	924.00	0.72	1.44	28292.90	28322.97	0.47	28323.44	10.58
463	926.00	0.71	1.43	28322.97	28352.04	0.47	28352.51	10.58
464	928.00	0.71	1.42	28352.04	28380.09	0.48	28380.57	10.58
465	930.00	0.70	1.41	28380.09	28407.16	0.48	28407.64	10.59
466	932.00	0.70	1.40	28407.16	28433.24	0.48	28433.72	10.59
467	934.00	0.69	1.38	28433.24	28458.36	0.48	28458.84	10.59
468	936.00	0.68	1.37	28458.36	28482.51	0.49	28483.00	10.59
469	938.00	0.68	1.36	28482.51	28505.72	0.49	28506.20	10.59
470	940.00	0.67	1.35	28505.72	28527.98	0.49	28528.47	10.59
471	942.00	0.67	1.34	28527.98	28549.32	0.49	28549.82	10.59
472	944.00	0.66	1.33	28549.32	28569.74	0.50	28570.24	10.59

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473	946.00	0.66	1.32	28569.74	28589.26	0.50	28589.76	10.59
474	948.00	0.65	1.31	28589.26	28607.88	0.50	28608.38	10.59
475	950.00	0.65	1.30	28607.88	28625.61	0.50	28626.11	10.59
476	952.00	0.64	1.29	28625.61	28642.47	0.51	28642.97	10.59
477	954.00	0.64	1.28	28642.47	28658.46	0.51	28658.96	10.59
478	956.00	0.63	1.27	28658.46	28673.59	0.51	28674.10	10.59
479	958.00	0.63	1.26	28673.59	28687.88	0.51	28688.39	10.59
480	960.00	0.62	1.25	28687.88	28701.32	0.51	28701.84	10.59
481	962.00	0.62	1.24	28701.32	28713.95	0.51	28714.46	10.59
482	964.00	0.61	1.22	28713.95	28725.76	0.51	28726.28	10.59
483	966.00	0.60	1.21	28725.76	28736.80	0.52	28737.32	10.59
484	968.00	0.60	1.20	28736.80	28747.12	0.52	28747.64	10.59
485	970.00	0.60	1.20	28747.12	28756.79	0.52	28757.31	10.59
486	972.00	0.59	1.19	28756.79	28765.88	0.52	28766.39	10.59
487	974.00	0.59	1.18	28765.88	28774.45	0.52	28774.97	10.59
488	976.00	0.59	1.18	28774.45	28782.57	0.52	28783.09	10.59
489	978.00	0.58	1.17	28782.57	28790.28	0.52	28790.80	10.59
490	980.00	0.58	1.17	28790.28	28797.61	0.52	28798.13	10.59
491	982.00	0.58	1.16	28797.61	28804.59	0.52	28805.12	10.59
492	984.00	0.58	1.16	28804.59	28811.18	0.52	28811.71	10.59
493	986.00	0.58	1.15	28811.18	28817.39	0.52	28817.92	10.59
494	988.00	0.57	1.15	28817.39	28823.30	0.53	28823.82	10.59
495	990.00	0.57	1.15	28823.30	28828.91	0.53	28829.43	10.59
496	992.00	0.57	1.14	28828.91	28834.23	0.53	28834.75	10.59
497	994.00	0.57	1.14	28834.23	28839.26	0.53	28839.79	10.59
498	996.00	0.57	1.13	28839.26	28844.02	0.53	28844.55	10.59
499	998.00	0.56	1.13	28844.02	28848.51	0.53	28849.04	10.59
500	1000.00	0.56	1.13	28848.51	28852.72	0.53	28853.25	10.59
501	1002.00	0.56	1.12	28852.72	28856.68	0.53	28857.20	10.59
502	1004.00	0.56	1.12	28856.68	28860.36	0.53	28860.89	10.59
503	1006.00	0.56	1.12	28860.36	28863.79	0.53	28864.32	10.59
504	1008.00	0.56	1.11	28863.79	28866.96	0.53	28867.49	10.59
505	1010.00	0.55	1.11	28866.96	28869.88	0.53	28870.41	10.59
506	1012.00	0.55	1.11	28869.88	28872.54	0.53	28873.08	10.59
507	1014.00	0.55	1.10	28872.54	28874.96	0.53	28875.49	10.59
508	1016.00	0.55	1.10	28874.96	28877.13	0.53	28877.66	10.59
509	1018.00	0.55	1.10	28877.13	28879.06	0.53	28879.59	10.59
510	1020.00	0.55	1.09	28879.06	28880.75	0.53	28881.28	10.59
511	1022.00	0.54	1.09	28880.75	28882.20	0.53	28882.73	10.59
512	1024.00	0.54	1.08	28882.20	28883.41	0.53	28883.95	10.59
513	1026.00	0.54	1.08	28883.41	28884.40	0.53	28884.93	10.59
514	1028.00	0.54	1.08	28884.40	28885.15	0.53	28885.68	10.59
515	1030.00	0.54	1.07	28885.15	28885.68	0.53	28886.21	10.59
516	1032.00	0.53	1.07	28885.68	28885.98	0.53	28886.51	10.59
517	1034.00	0.53	1.07	28885.98	28886.06	0.53	28886.59	10.59
518	1036.00	0.53	1.06	28886.06	28885.92	0.53	28886.45	10.59
519	1038.00	0.53	1.06	28885.92	28885.56	0.53	28886.09	10.59
520	1040.00	0.53	1.06	28885.56	28884.98	0.53	28885.52	10.59

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521	1042.00	0.52	1.05	28884.98	28884.20	0.53	28884.73	10.59
522	1044.00	0.52	1.05	28884.20	28883.20	0.53	28883.73	10.59
523	1046.00	0.52	1.04	28883.20	28882.00	0.53	28882.53	10.59
524	1048.00	0.52	1.04	28882.00	28880.58	0.53	28881.12	10.59
525	1050.00	0.52	1.04	28880.58	28878.97	0.53	28879.50	10.59
526	1052.00	0.52	1.03	28878.97	28877.16	0.53	28877.69	10.59
527	1054.00	0.51	1.03	28877.16	28875.14	0.53	28875.67	10.59
528	1056.00	0.51	1.03	28875.14	28872.93	0.53	28873.46	10.59
529	1058.00	0.51	1.02	28872.93	28870.52	0.53	28871.05	10.59
530	1060.00	0.51	1.02	28870.52	28867.92	0.53	28868.45	10.59
531	1062.00	0.51	1.01	28867.92	28865.13	0.53	28865.66	10.59
532	1064.00	0.50	1.01	28865.13	28862.16	0.53	28862.69	10.59
533	1066.00	0.50	1.01	28862.16	28858.99	0.53	28859.52	10.59
534	1068.00	0.50	1.00	28858.99	28855.64	0.53	28856.17	10.59
535	1070.00	0.50	1.00	28855.64	28852.11	0.53	28852.64	10.59
536	1072.00	0.50	1.00	28852.11	28848.40	0.53	28848.93	10.59
537	1074.00	0.49	0.99	28848.40	28844.51	0.53	28845.03	10.59
538	1076.00	0.49	0.99	28844.51	28840.44	0.53	28840.97	10.59
539	1078.00	0.49	0.98	28840.44	28836.20	0.53	28836.72	10.59
540	1080.00	0.49	0.98	28836.20	28831.78	0.53	28832.31	10.59
541	1082.00	0.49	0.98	28831.78	28827.19	0.53	28827.72	10.59
542	1084.00	0.49	0.97	28827.19	28822.44	0.53	28822.96	10.59
543	1086.00	0.48	0.97	28822.44	28817.52	0.52	28818.04	10.59
544	1088.00	0.48	0.96	28817.52	28812.43	0.52	28812.95	10.59
545	1090.00	0.48	0.96	28812.43	28807.17	0.52	28807.70	10.59
546	1092.00	0.48	0.96	28807.17	28801.76	0.52	28802.28	10.59
547	1094.00	0.48	0.95	28801.76	28796.18	0.52	28796.71	10.59
548	1096.00	0.47	0.95	28796.18	28790.45	0.52	28790.97	10.59
549	1098.00	0.47	0.94	28790.45	28784.56	0.52	28785.08	10.59
550	1100.00	0.47	0.94	28784.56	28778.51	0.52	28779.03	10.59
551	1102.00	0.47	0.94	28778.51	28772.31	0.52	28772.83	10.59
552	1104.00	0.47	0.93	28772.31	28765.96	0.52	28766.48	10.59
553	1106.00	0.46	0.93	28765.96	28759.46	0.52	28759.97	10.59
554	1108.00	0.46	0.92	28759.46	28752.75	0.52	28753.26	10.59
555	1110.00	0.46	0.92	28752.75	28745.83	0.52	28746.35	10.59
556	1112.00	0.46	0.92	28745.83	28738.77	0.52	28739.28	10.59
557	1114.00	0.45	0.91	28738.77	28731.57	0.52	28732.08	10.59
558	1116.00	0.45	0.91	28731.57	28724.22	0.51	28724.74	10.59
559	1118.00	0.45	0.90	28724.22	28716.74	0.51	28717.25	10.59
560	1120.00	0.45	0.90	28716.74	28709.12	0.51	28709.63	10.59
561	1122.00	0.45	0.90	28709.12	28701.36	0.51	28701.87	10.59
562	1124.00	0.44	0.89	28701.36	28693.47	0.51	28693.98	10.59
563	1126.00	0.44	0.89	28693.47	28685.45	0.51	28685.96	10.59
564	1128.00	0.44	0.88	28685.45	28677.29	0.51	28677.80	10.59
565	1130.00	0.44	0.88	28677.29	28669.00	0.51	28669.51	10.59
566	1132.00	0.44	0.88	28669.00	28660.58	0.51	28661.09	10.59
567	1134.00	0.43	0.87	28660.58	28652.04	0.51	28652.54	10.59
568	1136.00	0.43	0.87	28652.04	28643.37	0.51	28643.87	10.59

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569	1138.00	0.43	0.86	28643.37	28634.57	0.50	28635.07	10.59
570	1140.00	0.43	0.86	28634.57	28625.65	0.50	28626.15	10.59
571	1142.00	0.43	0.85	28625.65	28616.60	0.50	28617.10	10.59
572	1144.00	0.42	0.85	28616.60	28607.43	0.50	28607.94	10.59
573	1146.00	0.42	0.85	28607.43	28598.15	0.50	28598.65	10.59
574	1148.00	0.42	0.84	28598.15	28588.74	0.50	28589.24	10.59
575	1150.00	0.42	0.84	28588.74	28579.22	0.50	28579.72	10.59
576	1152.00	0.42	0.83	28579.22	28569.58	0.50	28570.08	10.59
577	1154.00	0.41	0.83	28569.58	28559.82	0.50	28560.32	10.59
578	1156.00	0.41	0.83	28559.82	28549.95	0.49	28550.45	10.59
579	1158.00	0.41	0.82	28549.95	28539.97	0.49	28540.46	10.59
580	1160.00	0.41	0.82	28539.97	28529.87	0.49	28530.37	10.59
581	1162.00	0.41	0.81	28529.87	28519.67	0.49	28520.16	10.59
582	1164.00	0.40	0.81	28519.67	28509.35	0.49	28509.84	10.59
583	1166.00	0.40	0.81	28509.35	28498.93	0.49	28499.42	10.59
584	1168.00	0.40	0.80	28498.93	28488.39	0.49	28488.88	10.59
585	1170.00	0.40	0.80	28488.39	28477.76	0.49	28478.24	10.59
586	1172.00	0.40	0.79	28477.76	28467.01	0.49	28467.50	10.59
587	1174.00	0.39	0.79	28467.01	28456.16	0.48	28456.65	10.59
588	1176.00	0.39	0.78	28456.16	28445.21	0.48	28445.69	10.59
589	1178.00	0.39	0.78	28445.21	28434.16	0.48	28434.64	10.59
590	1180.00	0.39	0.78	28434.16	28423.00	0.48	28423.48	10.59
591	1182.00	0.39	0.77	28423.00	28411.75	0.48	28412.23	10.59
592	1184.00	0.38	0.77	28411.75	28400.39	0.48	28400.87	10.59
593	1186.00	0.38	0.76	28400.39	28388.94	0.48	28389.42	10.58
594	1188.00	0.38	0.76	28388.94	28377.39	0.48	28377.87	10.58
595	1190.00	0.38	0.76	28377.39	28365.74	0.47	28366.22	10.58
596	1192.00	0.37	0.75	28365.74	28354.00	0.47	28354.48	10.58
597	1194.00	0.37	0.75	28354.00	28342.17	0.47	28342.64	10.58
598	1196.00	0.37	0.74	28342.17	28330.24	0.47	28330.71	10.58
599	1198.00	0.37	0.74	28330.24	28318.22	0.47	28318.69	10.58
600	1200.00	0.37	0.73	28318.22	28306.10	0.47	28306.57	10.58
601	1202.00	0.36	0.73	28306.10	28293.90	0.47	28294.37	10.58
602	1204.00	0.36	0.73	28293.90	28281.62	0.46	28282.08	10.58
603	1206.00	0.36	0.72	28281.62	28269.26	0.46	28269.72	10.58
604	1208.00	0.36	0.72	28269.26	28256.85	0.46	28257.31	10.58
605	1210.00	0.36	0.72	28256.85	28244.42	0.46	28244.88	10.58
606	1212.00	0.36	0.71	28244.42	28232.00	0.46	28232.46	10.58
607	1214.00	0.35	0.71	28232.00	28219.62	0.46	28220.08	10.58
608	1216.00	0.35	0.71	28219.62	28207.30	0.46	28207.76	10.58
609	1218.00	0.35	0.71	28207.30	28195.06	0.45	28195.51	10.58
610	1220.00	0.35	0.71	28195.06	28182.91	0.45	28183.36	10.58
611	1222.00	0.35	0.70	28182.91	28170.86	0.45	28171.32	10.58
612	1224.00	0.35	0.70	28170.86	28158.86	0.45	28159.31	10.58
613	1226.00	0.35	0.70	28158.86	28146.91	0.45	28147.36	10.58
614	1228.00	0.35	0.70	28146.91	28135.08	0.45	28135.53	10.58
615	1230.00	0.35	0.70	28135.08	28123.36	0.45	28123.81	10.58
616	1232.00	0.35	0.70	28123.36	28111.75	0.45	28112.20	10.58

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617	1234.00	0.35	0.70	28111.75	28100.26	0.44	28100.71	10.58
618	1236.00	0.35	0.70	28100.26	28088.89	0.44	28089.33	10.58
619	1238.00	0.35	0.70	28088.89	28077.62	0.44	28078.07	10.58
620	1240.00	0.35	0.70	28077.62	28066.47	0.44	28066.91	10.58
621	1242.00	0.35	0.70	28066.47	28055.43	0.44	28055.87	10.58
622	1244.00	0.35	0.69	28055.43	28044.50	0.44	28044.94	10.58
623	1246.00	0.35	0.69	28044.50	28033.67	0.44	28034.11	10.58
624	1248.00	0.35	0.69	28033.67	28022.95	0.44	28023.39	10.58
625	1250.00	0.35	0.69	28022.95	28012.34	0.43	28012.77	10.58
626	1252.00	0.35	0.69	28012.34	28001.82	0.43	28002.26	10.58
627	1254.00	0.35	0.69	28001.82	27991.41	0.43	27991.84	10.58
628	1256.00	0.35	0.69	27991.41	27981.10	0.43	27981.53	10.58
629	1258.00	0.34	0.69	27981.10	27970.88	0.43	27971.31	10.58
630	1260.00	0.34	0.69	27970.88	27960.76	0.43	27961.19	10.58
631	1262.00	0.34	0.69	27960.76	27950.74	0.43	27951.17	10.58
632	1264.00	0.34	0.69	27950.74	27940.81	0.43	27941.24	10.58
633	1266.00	0.34	0.69	27940.81	27930.98	0.43	27931.40	10.58
634	1268.00	0.34	0.69	27930.98	27921.23	0.42	27921.66	10.58
635	1270.00	0.34	0.69	27921.23	27911.58	0.42	27912.00	10.58
636	1272.00	0.34	0.69	27911.58	27902.02	0.42	27902.44	10.58
637	1274.00	0.34	0.68	27902.02	27892.54	0.42	27892.96	10.57
638	1276.00	0.34	0.68	27892.54	27883.15	0.42	27883.57	10.57
639	1278.00	0.34	0.68	27883.15	27873.84	0.42	27874.26	10.57
640	1280.00	0.34	0.68	27873.84	27864.62	0.42	27865.04	10.57
641	1282.00	0.34	0.68	27864.62	27855.48	0.42	27855.90	10.57
642	1284.00	0.34	0.68	27855.48	27846.43	0.42	27846.84	10.57
643	1286.00	0.34	0.68	27846.43	27837.45	0.41	27837.87	10.57
644	1288.00	0.34	0.68	27837.45	27828.55	0.41	27828.97	10.57
645	1290.00	0.34	0.68	27828.55	27819.74	0.41	27820.15	10.57
646	1292.00	0.34	0.68	27819.74	27810.99	0.41	27811.41	10.57
647	1294.00	0.34	0.68	27810.99	27802.33	0.41	27802.74	10.57
648	1296.00	0.34	0.68	27802.33	27793.74	0.41	27794.15	10.57
649	1298.00	0.34	0.68	27793.74	27785.22	0.41	27785.63	10.57
650	1300.00	0.34	0.68	27785.22	27776.78	0.41	27777.19	10.57
651	1302.00	0.34	0.68	27776.78	27768.41	0.41	27768.81	10.57
652	1304.00	0.34	0.67	27768.41	27760.11	0.41	27760.51	10.57
653	1306.00	0.34	0.67	27760.11	27751.88	0.41	27752.28	10.57
654	1308.00	0.34	0.67	27751.88	27743.71	0.40	27744.12	10.57
655	1310.00	0.34	0.67	27743.71	27735.62	0.40	27736.02	10.57
656	1312.00	0.34	0.67	27735.62	27727.59	0.40	27727.99	10.57
657	1314.00	0.34	0.67	27727.59	27719.63	0.40	27720.03	10.57
658	1316.00	0.34	0.67	27719.63	27711.73	0.40	27712.13	10.57
659	1318.00	0.33	0.67	27711.73	27703.90	0.40	27704.30	10.57
660	1320.00	0.33	0.67	27703.90	27696.13	0.40	27696.53	10.57
661	1322.00	0.33	0.67	27696.13	27688.42	0.40	27688.82	10.57
662	1324.00	0.33	0.67	27688.42	27680.78	0.40	27681.17	10.57
663	1326.00	0.33	0.67	27680.78	27673.19	0.40	27673.59	10.57
664	1328.00	0.33	0.67	27673.19	27665.66	0.40	27666.06	10.57

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665	1330.00	0.33	0.67	27665.66	27658.20	0.39	27658.59	10.57
666	1332.00	0.33	0.66	27658.20	27650.79	0.39	27651.18	10.57
667	1334.00	0.33	0.66	27650.79	27643.43	0.39	27643.83	10.57
668	1336.00	0.33	0.66	27643.43	27636.14	0.39	27636.53	10.57
669	1338.00	0.33	0.66	27636.14	27628.90	0.39	27629.29	10.57
670	1340.00	0.33	0.66	27628.90	27621.71	0.39	27622.10	10.57
671	1342.00	0.33	0.66	27621.71	27614.58	0.39	27614.97	10.57
672	1344.00	0.33	0.66	27614.58	27607.50	0.39	27607.88	10.57
673	1346.00	0.33	0.66	27607.50	27600.47	0.39	27600.86	10.57
674	1348.00	0.33	0.66	27600.47	27593.49	0.39	27593.88	10.57
675	1350.00	0.33	0.66	27593.49	27586.57	0.39	27586.95	10.57
676	1352.00	0.33	0.66	27586.57	27579.69	0.39	27580.08	10.57
677	1354.00	0.33	0.66	27579.69	27572.86	0.38	27573.25	10.57
678	1356.00	0.33	0.66	27572.86	27566.09	0.38	27566.47	10.57
679	1358.00	0.33	0.66	27566.09	27559.36	0.38	27559.74	10.57
680	1360.00	0.33	0.65	27559.36	27552.67	0.38	27553.06	10.57
681	1362.00	0.33	0.65	27552.67	27546.04	0.38	27546.42	10.57
682	1364.00	0.33	0.65	27546.04	27539.45	0.38	27539.83	10.57
683	1366.00	0.33	0.65	27539.45	27532.90	0.38	27533.28	10.57
684	1368.00	0.33	0.65	27532.90	27526.40	0.38	27526.78	10.57
685	1370.00	0.33	0.65	27526.40	27519.94	0.38	27520.32	10.57
686	1372.00	0.32	0.65	27519.94	27513.53	0.38	27513.91	10.57
687	1374.00	0.32	0.65	27513.53	27507.16	0.38	27507.53	10.57
688	1376.00	0.32	0.65	27507.16	27500.83	0.38	27501.20	10.57
689	1378.00	0.32	0.65	27500.83	27494.54	0.38	27494.91	10.57
690	1380.00	0.32	0.65	27494.54	27488.29	0.38	27488.67	10.57
691	1382.00	0.32	0.65	27488.29	27482.08	0.37	27482.46	10.57
692	1384.00	0.32	0.65	27482.08	27475.91	0.37	27476.29	10.57
693	1386.00	0.32	0.65	27475.91	27469.78	0.37	27470.16	10.57
694	1388.00	0.32	0.64	27469.78	27463.69	0.37	27464.07	10.57
695	1390.00	0.32	0.64	27463.69	27457.64	0.37	27458.01	10.57
696	1392.00	0.32	0.64	27457.64	27451.62	0.37	27451.99	10.57
697	1394.00	0.32	0.64	27451.62	27445.64	0.37	27446.01	10.57
698	1396.00	0.32	0.64	27445.64	27439.70	0.37	27440.07	10.57
699	1398.00	0.32	0.64	27439.70	27433.79	0.37	27434.16	10.57
700	1400.00	0.32	0.64	27433.79	27427.92	0.37	27428.29	10.57
701	1402.00	0.32	0.64	27427.92	27422.08	0.37	27422.45	10.57
702	1404.00	0.32	0.64	27422.08	27416.27	0.37	27416.64	10.57
703	1406.00	0.32	0.64	27416.27	27410.50	0.37	27410.87	10.57
704	1408.00	0.32	0.64	27410.50	27404.76	0.37	27405.13	10.57
705	1410.00	0.32	0.64	27404.76	27399.06	0.37	27399.42	10.56
706	1412.00	0.32	0.64	27399.06	27393.38	0.36	27393.75	10.56
707	1414.00	0.32	0.63	27393.38	27387.74	0.36	27388.11	10.56
708	1416.00	0.32	0.63	27387.74	27382.13	0.36	27382.49	10.56
709	1418.00	0.32	0.63	27382.13	27376.55	0.36	27376.91	10.56
710	1420.00	0.32	0.63	27376.55	27371.00	0.36	27371.36	10.56
711	1422.00	0.32	0.63	27371.00	27365.48	0.36	27365.84	10.56
712	1424.00	0.32	0.63	27365.48	27359.98	0.36	27360.34	10.56

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713	1426.00	0.31	0.63	27359.98	27354.52	0.36	27354.88	10.56
714	1428.00	0.31	0.63	27354.52	27349.08	0.36	27349.44	10.56
715	1430.00	0.31	0.63	27349.08	27343.68	0.36	27344.04	10.56
716	1432.00	0.31	0.63	27343.68	27338.30	0.36	27338.66	10.56
717	1434.00	0.31	0.63	27338.30	27332.94	0.36	27333.30	10.56
718	1436.00	0.31	0.63	27332.94	27327.62	0.36	27327.98	10.56
719	1438.00	0.31	0.63	27327.62	27322.32	0.36	27322.67	10.56
720	1440.00	0.31	0.62	27322.32	27316.96	0.36	27317.32	10.56
721	1442.00	0.30	0.61	27316.96	27311.15	0.36	27311.50	10.56
722	1444.00	0.29	0.59	27311.15	27303.89	0.35	27304.25	10.56
723	1446.00	0.25	0.54	27303.89	27293.69	0.35	27294.05	10.56
724	1448.00	0.21	0.46	27293.69	27279.11	0.35	27279.46	10.56
725	1450.00	0.16	0.37	27279.11	27259.42	0.35	27259.77	10.56
726	1452.00	0.12	0.29	27259.42	27234.75	0.35	27235.10	10.56
727	1454.00	0.09	0.21	27234.75	27205.83	0.34	27206.18	10.56
728	1456.00	0.06	0.15	27205.83	27173.73	0.34	27174.07	10.56
729	1458.00	0.04	0.11	27173.73	27139.47	0.34	27139.81	10.56
730	1460.00	0.03	0.07	27139.47	27103.84	0.33	27104.17	10.56
731	1462.00	0.02	0.05	27103.84	27067.37	0.33	27067.69	10.56
732	1464.00	0.01	0.04	27067.37	27030.42	0.32	27030.74	10.56
733	1466.00	0.01	0.02	27030.42	26993.27	0.32	26993.59	10.56
734	1468.00	0.01	0.02	26993.27	26956.13	0.32	26956.45	10.56
735	1470.00	0.00	0.01	26956.13	26919.12	0.31	26919.44	10.56
736	1472.00	0.00	0.01	26919.12	26882.36	0.31	26882.66	10.55
737	1474.00	0.00	0.00	26882.36	26845.85	0.30	26846.16	10.55
738	1476.00	0.00	0.00	26845.85	26809.72	0.30	26810.02	10.55
739	1478.00	0.00	0.00	26809.72	26774.07	0.30	26774.37	10.55
740	1480.00	0.00	0.00	26774.07	26738.90	0.29	26739.19	10.55
741	1482.00	0.00	0.00	26738.90	26704.20	0.29	26704.49	10.55
742	1484.00	0.00	0.00	26704.20	26669.97	0.28	26670.25	10.55
743	1486.00	0.00	0.00	26669.97	26636.19	0.28	26636.47	10.55
744	1488.00	0.00	0.00	26636.19	26602.87	0.28	26603.14	10.55
745	1490.00	0.00	0.00	26602.87	26569.99	0.27	26570.26	10.55
746	1492.00	0.00	0.00	26569.99	26537.56	0.27	26537.83	10.55
747	1494.00	0.00	0.00	26537.56	26505.56	0.26	26505.82	10.55
748	1496.00	0.00	0.00	26505.56	26473.98	0.26	26474.25	10.55
749	1498.00	0.00	0.00	26473.98	26442.84	0.26	26443.09	10.55
750	1500.00	0.00	0.00	26442.84	26412.10	0.25	26412.36	10.55
751	1502.00	0.00	0.00	26412.10	26381.78	0.25	26382.04	10.54
752	1504.00	0.00	0.00	26381.78	26351.87	0.25	26352.12	10.54
753	1506.00	0.00	0.00	26351.87	26322.36	0.24	26322.60	10.54
754	1508.00	0.00	0.00	26322.36	26293.24	0.24	26293.48	10.54
755	1510.00	0.00	0.00	26293.24	26264.52	0.24	26264.75	10.54
756	1512.00	0.00	0.00	26264.52	26236.18	0.23	26236.41	10.54
757	1514.00	0.00	0.00	26236.18	26208.21	0.23	26208.45	10.54
758	1516.00	0.00	0.00	26208.21	26180.63	0.23	26180.86	10.54
759	1518.00	0.00	0.00	26180.63	26153.41	0.23	26153.64	10.54
760	1520.00	0.00	0.00	26153.41	26126.56	0.22	26126.78	10.54

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761	1522.00	0.00	0.00	26126.56	26100.07	0.22	26100.29 10.54
762	1524.00	0.00	0.00	26100.07	26073.93	0.22	26074.15 10.54
763	1526.00	0.00	0.00	26073.93	26048.14	0.21	26048.36 10.54
764	1528.00	0.00	0.00	26048.14	26022.70	0.21	26022.91 10.54
765	1530.00	0.00	0.00	26022.70	25997.60	0.21	25997.81 10.54
766	1532.00	0.00	0.00	25997.60	25972.84	0.20	25973.04 10.54
767	1534.00	0.00	0.00	25972.84	25948.41	0.20	25948.61 10.54
768	1536.00	0.00	0.00	25948.41	25924.30	0.20	25924.50 10.54
769	1538.00	0.00	0.00	25924.30	25900.52	0.20	25900.72 10.54
770	1540.00	0.00	0.00	25900.52	25877.06	0.19	25877.25 10.53
771	1542.00	0.00	0.00	25877.06	25853.91	0.19	25854.10 10.53
772	1544.00	0.00	0.00	25853.91	25831.07	0.19	25831.26 10.53
773	1546.00	0.00	0.00	25831.07	25808.54	0.19	25808.73 10.53
774	1548.00	0.00	0.00	25808.54	25786.31	0.18	25786.49 10.53
775	1550.00	0.00	0.00	25786.31	25764.38	0.18	25764.56 10.53
776	1552.00	0.00	0.00	25764.38	25742.74	0.18	25742.92 10.53
777	1554.00	0.00	0.00	25742.74	25721.39	0.18	25721.57 10.53
778	1556.00	0.00	0.00	25721.39	25700.33	0.17	25700.50 10.53
779	1558.00	0.00	0.00	25700.33	25679.55	0.17	25679.72 10.53
780	1560.00	0.00	0.00	25679.55	25659.05	0.17	25659.22 10.53
781	1562.00	0.00	0.00	25659.05	25638.82	0.17	25638.99 10.53
782	1564.00	0.00	0.00	25638.82	25618.87	0.17	25619.03 10.53
783	1566.00	0.00	0.00	25618.87	25599.18	0.16	25599.34 10.53
784	1568.00	0.00	0.00	25599.18	25579.76	0.16	25579.92 10.53
785	1570.00	0.00	0.00	25579.76	25560.59	0.16	25560.75 10.53
786	1572.00	0.00	0.00	25560.59	25541.69	0.16	25541.84 10.53
787	1574.00	0.00	0.00	25541.69	25523.03	0.15	25523.19 10.53
788	1576.00	0.00	0.00	25523.03	25504.63	0.15	25504.78 10.53
789	1578.00	0.00	0.00	25504.63	25486.47	0.15	25486.62 10.53
790	1580.00	0.00	0.00	25486.47	25468.56	0.15	25468.71 10.53
791	1582.00	0.00	0.00	25468.56	25450.89	0.15	25451.03 10.53
792	1584.00	0.00	0.00	25450.89	25433.45	0.14	25433.60 10.53
793	1586.00	0.00	0.00	25433.45	25416.25	0.14	25416.39 10.53
794	1588.00	0.00	0.00	25416.25	25399.28	0.14	25399.42 10.52
795	1590.00	0.00	0.00	25399.28	25382.53	0.14	25382.67 10.52
796	1592.00	0.00	0.00	25382.53	25366.01	0.14	25366.15 10.52
797	1594.00	0.00	0.00	25366.01	25349.71	0.13	25349.85 10.52
798	1596.00	0.00	0.00	25349.71	25333.63	0.13	25333.77 10.52
799	1598.00	0.00	0.00	25333.63	25317.77	0.13	25317.90 10.52
800	1600.00	0.00	0.00	25317.77	25302.12	0.13	25302.25 10.52
801	1602.00	0.00	0.00	25302.12	25286.67	0.13	25286.80 10.52
802	1604.00	0.00	0.00	25286.67	25271.44	0.13	25271.57 10.52
803	1606.00	0.00	0.00	25271.44	25256.41	0.12	25256.53 10.52
804	1608.00	0.00	0.00	25256.41	25241.58	0.12	25241.70 10.52
805	1610.00	0.00	0.00	25241.58	25226.95	0.12	25227.07 10.52
806	1612.00	0.00	0.00	25226.95	25212.51	0.12	25212.63 10.52
807	1614.00	0.00	0.00	25212.51	25198.27	0.12	25198.39 10.52
808	1616.00	0.00	0.00	25198.27	25184.22	0.12	25184.34 10.52

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809	1618.00	0.00	0.00	25184.22	25170.36	0.11	25170.47	10.52
810	1620.00	0.00	0.00	25170.36	25156.68	0.11	25156.80	10.52
811	1622.00	0.00	0.00	25156.68	25143.19	0.11	25143.30	10.52
812	1624.00	0.00	0.00	25143.19	25129.88	0.11	25129.99	10.52
813	1626.00	0.00	0.00	25129.88	25116.74	0.11	25116.85	10.52
814	1628.00	0.00	0.00	25116.74	25103.79	0.11	25103.89	10.52
815	1630.00	0.00	0.00	25103.79	25091.00	0.11	25091.11	10.52
816	1632.00	0.00	0.00	25091.00	25078.39	0.10	25078.49	10.52
817	1634.00	0.00	0.00	25078.39	25065.95	0.10	25066.05	10.52
818	1636.00	0.00	0.00	25065.95	25053.67	0.10	25053.77	10.52
819	1638.00	0.00	0.00	25053.67	25041.56	0.10	25041.66	10.52
820	1640.00	0.00	0.00	25041.56	25029.61	0.10	25029.71	10.52
821	1642.00	0.00	0.00	25029.61	25017.82	0.10	25017.91	10.52
822	1644.00	0.00	0.00	25017.82	25006.19	0.10	25006.28	10.52
823	1646.00	0.00	0.00	25006.19	24994.71	0.09	24994.80	10.52
824	1648.00	0.00	0.00	24994.71	24983.39	0.09	24983.48	10.52
825	1650.00	0.00	0.00	24983.39	24972.22	0.09	24972.31	10.52
826	1652.00	0.00	0.00	24972.22	24961.20	0.09	24961.29	10.52
827	1654.00	0.00	0.00	24961.20	24950.32	0.09	24950.41	10.52
828	1656.00	0.00	0.00	24950.32	24939.60	0.09	24939.68	10.52
829	1658.00	0.00	0.00	24939.60	24929.01	0.09	24929.10	10.52
830	1660.00	0.00	0.00	24929.01	24918.57	0.09	24918.66	10.52
831	1662.00	0.00	0.00	24918.57	24908.27	0.09	24908.35	10.52
832	1664.00	0.00	0.00	24908.27	24898.11	0.08	24898.19	10.51
833	1666.00	0.00	0.00	24898.11	24888.08	0.08	24888.16	10.51
834	1668.00	0.00	0.00	24888.08	24878.19	0.08	24878.27	10.51
835	1670.00	0.00	0.00	24878.19	24868.43	0.08	24868.51	10.51
836	1672.00	0.00	0.00	24868.43	24858.80	0.08	24858.88	10.51
837	1674.00	0.00	0.00	24858.80	24849.30	0.08	24849.37	10.51
838	1676.00	0.00	0.00	24849.30	24839.92	0.08	24840.00	10.51
839	1678.00	0.00	0.00	24839.92	24830.68	0.08	24830.75	10.51
840	1680.00	0.00	0.00	24830.68	24821.55	0.08	24821.63	10.51
841	1682.00	0.00	0.00	24821.55	24812.55	0.07	24812.62	10.51
842	1684.00	0.00	0.00	24812.55	24803.67	0.07	24803.74	10.51
843	1686.00	0.00	0.00	24803.67	24794.91	0.07	24794.98	10.51
844	1688.00	0.00	0.00	24794.91	24786.26	0.07	24786.34	10.51
845	1690.00	0.00	0.00	24786.26	24777.74	0.07	24777.81	10.51
846	1692.00	0.00	0.00	24777.74	24769.32	0.07	24769.39	10.51
847	1694.00	0.00	0.00	24769.32	24761.02	0.07	24761.09	10.51
848	1696.00	0.00	0.00	24761.02	24752.83	0.07	24752.90	10.51
849	1698.00	0.00	0.00	24752.83	24744.75	0.07	24744.82	10.51
850	1700.00	0.00	0.00	24744.75	24736.78	0.07	24736.84	10.51
851	1702.00	0.00	0.00	24736.78	24728.91	0.07	24728.98	10.51
852	1704.00	0.00	0.00	24728.91	24721.15	0.06	24721.22	10.51
853	1706.00	0.00	0.00	24721.15	24713.50	0.06	24713.56	10.51
854	1708.00	0.00	0.00	24713.50	24705.95	0.06	24706.01	10.51
855	1710.00	0.00	0.00	24705.95	24698.49	0.06	24698.56	10.51
856	1712.00	0.00	0.00	24698.49	24691.14	0.06	24691.20	10.51

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857	1714.00	0.00	0.00	24691.14	24683.89	0.06	24683.95	10.51
858	1716.00	0.00	0.00	24683.89	24676.73	0.06	24676.79	10.51
859	1718.00	0.00	0.00	24676.73	24669.67	0.06	24669.73	10.51
860	1720.00	0.00	0.00	24669.67	24662.71	0.06	24662.76	10.51
861	1722.00	0.00	0.00	24662.71	24655.83	0.06	24655.89	10.51
862	1724.00	0.00	0.00	24655.83	24649.05	0.06	24649.11	10.51
863	1726.00	0.00	0.00	24649.05	24642.36	0.06	24642.42	10.51
864	1728.00	0.00	0.00	24642.36	24635.77	0.05	24635.82	10.51
865	1730.00	0.00	0.00	24635.77	24629.25	0.05	24629.31	10.51
866	1732.00	0.00	0.00	24629.25	24622.83	0.05	24622.88	10.51
867	1734.00	0.00	0.00	24622.83	24616.49	0.05	24616.54	10.51
868	1736.00	0.00	0.00	24616.49	24610.24	0.05	24610.29	10.51
869	1738.00	0.00	0.00	24610.24	24604.07	0.05	24604.12	10.51
870	1740.00	0.00	0.00	24604.07	24597.98	0.05	24598.03	10.51
871	1742.00	0.00	0.00	24597.98	24591.98	0.05	24592.03	10.51
872	1744.00	0.00	0.00	24591.98	24586.05	0.05	24586.10	10.51
873	1746.00	0.00	0.00	24586.05	24580.21	0.05	24580.26	10.51
874	1748.00	0.00	0.00	24580.21	24574.44	0.05	24574.49	10.51
875	1750.00	0.00	0.00	24574.44	24568.75	0.05	24568.80	10.51
876	1752.00	0.00	0.00	24568.75	24563.14	0.05	24563.19	10.51
877	1754.00	0.00	0.00	24563.14	24557.60	0.05	24557.65	10.51
878	1756.00	0.00	0.00	24557.60	24552.14	0.05	24552.19	10.51
879	1758.00	0.00	0.00	24552.14	24546.75	0.04	24546.79	10.51
880	1760.00	0.00	0.00	24546.75	24541.43	0.04	24541.48	10.51
881	1762.00	0.00	0.00	24541.43	24536.18	0.04	24536.23	10.51
882	1764.00	0.00	0.00	24536.18	24531.01	0.04	24531.05	10.51
883	1766.00	0.00	0.00	24531.01	24525.90	0.04	24525.94	10.51
884	1768.00	0.00	0.00	24525.90	24520.86	0.04	24520.90	10.51
885	1770.00	0.00	0.00	24520.86	24515.89	0.04	24515.93	10.51
886	1772.00	0.00	0.00	24515.89	24510.99	0.04	24511.03	10.51
887	1774.00	0.00	0.00	24510.99	24506.15	0.04	24506.19	10.51
888	1776.00	0.00	0.00	24506.15	24501.37	0.04	24501.41	10.51
889	1778.00	0.00	0.00	24501.37	24496.66	0.04	24496.70	10.51
890	1780.00	0.00	0.00	24496.66	24492.02	0.04	24492.06	10.51
891	1782.00	0.00	0.00	24492.02	24487.43	0.04	24487.47	10.51
892	1784.00	0.00	0.00	24487.43	24482.91	0.04	24482.95	10.51
893	1786.00	0.00	0.00	24482.91	24478.45	0.04	24478.48	10.51
894	1788.00	0.00	0.00	24478.45	24474.04	0.04	24474.08	10.51
895	1790.00	0.00	0.00	24474.04	24469.70	0.04	24469.74	10.51
896	1792.00	0.00	0.00	24469.70	24465.42	0.04	24465.45	10.51
897	1794.00	0.00	0.00	24465.42	24461.19	0.03	24461.22	10.51
898	1796.00	0.00	0.00	24461.19	24457.02	0.03	24457.05	10.51
899	1798.00	0.00	0.00	24457.02	24452.90	0.03	24452.94	10.51
900	1800.00	0.00	0.00	24452.90	24448.84	0.03	24448.87	10.51
901	1802.00	0.00	0.00	24448.84	24444.84	0.03	24444.87	10.51
902	1804.00	0.00	0.00	24444.84	24440.88	0.03	24440.92	10.51
903	1806.00	0.00	0.00	24440.88	24436.98	0.03	24437.02	10.51
904	1808.00	0.00	0.00	24436.98	24433.14	0.03	24433.17	10.51

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905	1810.00	0.00	0.00	24433.14	24429.34	0.03	24429.37	10.51
906	1812.00	0.00	0.00	24429.34	24425.60	0.03	24425.63	10.51
907	1814.00	0.00	0.00	24425.60	24421.90	0.03	24421.93	10.51
908	1816.00	0.00	0.00	24421.90	24418.26	0.03	24418.29	10.51
909	1818.00	0.00	0.00	24418.26	24414.66	0.03	24414.69	10.51
910	1820.00	0.00	0.00	24414.66	24411.11	0.03	24411.14	10.51
911	1822.00	0.00	0.00	24411.11	24407.61	0.03	24407.64	10.51
912	1824.00	0.00	0.00	24407.61	24404.16	0.03	24404.19	10.51
913	1826.00	0.00	0.00	24404.16	24400.75	0.03	24400.78	10.51
914	1828.00	0.00	0.00	24400.75	24397.39	0.03	24397.42	10.50
915	1830.00	0.00	0.00	24397.39	24394.08	0.03	24394.10	10.50
916	1832.00	0.00	0.00	24394.08	24390.80	0.03	24390.83	10.50
917	1834.00	0.00	0.00	24390.80	24387.58	0.03	24387.60	10.50
918	1836.00	0.00	0.00	24387.58	24384.39	0.03	24384.42	10.50
919	1838.00	0.00	0.00	24384.39	24381.25	0.03	24381.28	10.50
920	1840.00	0.00	0.00	24381.25	24378.15	0.03	24378.18	10.50
921	1842.00	0.00	0.00	24378.15	24375.09	0.03	24375.12	10.50
922	1844.00	0.00	0.00	24375.09	24372.07	0.02	24372.10	10.50
923	1846.00	0.00	0.00	24372.07	24369.10	0.02	24369.12	10.50
924	1848.00	0.00	0.00	24369.10	24366.16	0.02	24366.18	10.50
925	1850.00	0.00	0.00	24366.16	24363.26	0.02	24363.29	10.50
926	1852.00	0.00	0.00	24363.26	24360.40	0.02	24360.43	10.50
927	1854.00	0.00	0.00	24360.40	24357.58	0.02	24357.61	10.50
928	1856.00	0.00	0.00	24357.58	24354.80	0.02	24354.82	10.50
929	1858.00	0.00	0.00	24354.80	24352.06	0.02	24352.08	10.50
930	1860.00	0.00	0.00	24352.06	24349.35	0.02	24349.37	10.50
931	1862.00	0.00	0.00	24349.35	24346.67	0.02	24346.70	10.50
932	1864.00	0.00	0.00	24346.67	24344.04	0.02	24344.06	10.50
933	1866.00	0.00	0.00	24344.04	24341.44	0.02	24341.46	10.50
934	1868.00	0.00	0.00	24341.44	24338.87	0.02	24338.89	10.50
935	1870.00	0.00	0.00	24338.87	24336.34	0.02	24336.36	10.50
936	1872.00	0.00	0.00	24336.34	24333.84	0.02	24333.86	10.50
937	1874.00	0.00	0.00	24333.84	24331.38	0.02	24331.40	10.50
938	1876.00	0.00	0.00	24331.38	24328.94	0.02	24328.97	10.50
939	1878.00	0.00	0.00	24328.94	24326.55	0.02	24326.57	10.50
940	1880.00	0.00	0.00	24326.55	24324.18	0.02	24324.20	10.50
941	1882.00	0.00	0.00	24324.18	24321.84	0.02	24321.86	10.50
942	1884.00	0.00	0.00	24321.84	24319.54	0.02	24319.56	10.50
943	1886.00	0.00	0.00	24319.54	24317.27	0.02	24317.29	10.50
944	1888.00	0.00	0.00	24317.27	24315.03	0.02	24315.04	10.50
945	1890.00	0.00	0.00	24315.03	24312.81	0.02	24312.83	10.50
946	1892.00	0.00	0.00	24312.81	24310.63	0.02	24310.65	10.50
947	1894.00	0.00	0.00	24310.63	24308.48	0.02	24308.50	10.50
948	1896.00	0.00	0.00	24308.48	24306.35	0.02	24306.37	10.50
949	1898.00	0.00	0.00	24306.35	24304.26	0.02	24304.27	10.50
950	1900.00	0.00	0.00	24304.26	24302.19	0.02	24302.21	10.50
951	1902.00	0.00	0.00	24302.19	24300.15	0.02	24300.17	10.50
952	1904.00	0.00	0.00	24300.15	24298.14	0.02	24298.15	10.50

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953	1906.00	0.00	0.00	24298.14	24296.15	0.02	24296.17	10.50
954	1908.00	0.00	0.00	24296.15	24294.19	0.02	24294.21	10.50
955	1910.00	0.00	0.00	24294.19	24292.26	0.02	24292.27	10.50
956	1912.00	0.00	0.00	24292.26	24290.35	0.02	24290.37	10.50
957	1914.00	0.00	0.00	24290.35	24288.47	0.02	24288.48	10.50
958	1916.00	0.00	0.00	24288.47	24286.61	0.02	24286.63	10.50
959	1918.00	0.00	0.00	24286.61	24284.78	0.02	24284.80	10.50
960	1920.00	0.00	0.00	24284.78	24282.97	0.01	24282.99	10.50
961	1922.00	0.00	0.00	24282.97	24281.19	0.01	24281.21	10.50
962	1924.00	0.00	0.00	24281.19	24279.43	0.01	24279.45	10.50
963	1926.00	0.00	0.00	24279.43	24277.70	0.01	24277.71	10.50
964	1928.00	0.00	0.00	24277.70	24275.99	0.01	24276.00	10.50
965	1930.00	0.00	0.00	24275.99	24274.30	0.01	24274.31	10.50
966	1932.00	0.00	0.00	24274.30	24272.63	0.01	24272.64	10.50
967	1934.00	0.00	0.00	24272.63	24270.99	0.01	24271.00	10.50
968	1936.00	0.00	0.00	24270.99	24269.36	0.01	24269.38	10.50
969	1938.00	0.00	0.00	24269.36	24267.76	0.01	24267.78	10.50
970	1940.00	0.00	0.00	24267.76	24266.18	0.01	24266.20	10.50
971	1942.00	0.00	0.00	24266.18	24264.63	0.01	24264.64	10.50
972	1944.00	0.00	0.00	24264.63	24263.09	0.01	24263.10	10.50
973	1946.00	0.00	0.00	24263.09	24261.57	0.01	24261.59	10.50
974	1948.00	0.00	0.00	24261.57	24260.08	0.01	24260.09	10.50
975	1950.00	0.00	0.00	24260.08	24258.60	0.01	24258.61	10.50
976	1952.00	0.00	0.00	24258.60	24257.15	0.01	24257.16	10.50
977	1954.00	0.00	0.00	24257.15	24255.71	0.01	24255.72	10.50
978	1956.00	0.00	0.00	24255.71	24254.29	0.01	24254.30	10.50
979	1958.00	0.00	0.00	24254.29	24252.89	0.01	24252.91	10.50
980	1960.00	0.00	0.00	24252.89	24251.51	0.01	24251.53	10.50
981	1962.00	0.00	0.00	24251.51	24250.15	0.01	24250.16	10.50
982	1964.00	0.00	0.00	24250.15	24248.81	0.01	24248.82	10.50
983	1966.00	0.00	0.00	24248.81	24247.49	0.01	24247.50	10.50
984	1968.00	0.00	0.00	24247.49	24246.18	0.01	24246.19	10.50
985	1970.00	0.00	0.00	24246.18	24244.89	0.01	24244.90	10.50
986	1972.00	0.00	0.00	24244.89	24243.62	0.01	24243.63	10.50
987	1974.00	0.00	0.00	24243.62	24242.36	0.01	24242.37	10.50
988	1976.00	0.00	0.00	24242.36	24241.12	0.01	24241.13	10.50
989	1978.00	0.00	0.00	24241.12	24239.90	0.01	24239.91	10.50
990	1980.00	0.00	0.00	24239.90	24238.70	0.01	24238.71	10.50
991	1982.00	0.00	0.00	24238.70	24237.51	0.01	24237.52	10.50
992	1984.00	0.00	0.00	24237.51	24236.33	0.01	24236.34	10.50
993	1986.00	0.00	0.00	24236.33	24235.18	0.01	24235.19	10.50
994	1988.00	0.00	0.00	24235.18	24234.03	0.01	24234.04	10.50
995	1990.00	0.00	0.00	24234.03	24232.91	0.01	24232.92	10.50
996	1992.00	0.00	0.00	24232.91	24231.80	0.01	24231.80	10.50
997	1994.00	0.00	0.00	24231.80	24230.70	0.01	24230.71	10.50
998	1996.00	0.00	0.00	24230.70	24229.62	0.01	24229.63	10.50
999	1998.00	0.00	0.00	24229.62	24228.55	0.01	24228.56	10.50
1000	2000.00	0.00	0.00	24228.55	24227.50	0.01	24227.50	10.50

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1001	2002.00	0.00	0.00	24227.50	24226.46	0.01	24226.47	10.50
1002	2004.00	0.00	0.00	24226.46	24225.43	0.01	24225.44	10.50
1003	2006.00	0.00	0.00	24225.43	24224.42	0.01	24224.43	10.50
1004	2008.00	0.00	0.00	24224.42	24223.42	0.01	24223.43	10.50
1005	2010.00	0.00	0.00	24223.42	24222.44	0.01	24222.45	10.50
1006	2012.00	0.00	0.00	24222.44	24221.47	0.01	24221.47	10.50
1007	2014.00	0.00	0.00	24221.47	24220.51	0.01	24220.52	10.50
1008	2016.00	0.00	0.00	24220.51	24219.56	0.01	24219.57	10.50
1009	2018.00	0.00	0.00	24219.56	24218.63	0.01	24218.64	10.50
1010	2020.00	0.00	0.00	24218.63	24217.71	0.01	24217.72	10.50
1011	2022.00	0.00	0.00	24217.71	24216.80	0.01	24216.81	10.50
1012	2024.00	0.00	0.00	24216.80	24215.91	0.01	24215.91	10.50
1013	2026.00	0.00	0.00	24215.91	24215.02	0.01	24215.03	10.50
1014	2028.00	0.00	0.00	24215.02	24214.15	0.01	24214.16	10.50
1015	2030.00	0.00	0.00	24214.15	24213.29	0.01	24213.30	10.50
1016	2032.00	0.00	0.00	24213.29	24212.44	0.01	24212.45	10.50
1017	2034.00	0.00	0.00	24212.44	24211.60	0.01	24211.61	10.50
1018	2036.00	0.00	0.00	24211.60	24210.78	0.01	24210.78	10.50
1019	2038.00	0.00	0.00	24210.78	24209.96	0.01	24209.97	10.50
1020	2040.00	0.00	0.00	24209.96	24209.16	0.01	24209.17	10.50
1021	2042.00	0.00	0.00	24209.16	24208.37	0.01	24208.37	10.50
1022	2044.00	0.00	0.00	24208.37	24207.58	0.01	24207.59	10.50
1023	2046.00	0.00	0.00	24207.58	24206.81	0.01	24206.82	10.50
1024	2048.00	0.00	0.00	24206.81	24206.05	0.01	24206.05	10.50
1025	2050.00	0.00	0.00	24206.05	24205.30	0.01	24205.30	10.50
1026	2052.00	0.00	0.00	24205.30	24204.55	0.01	24204.56	10.50
1027	2054.00	0.00	0.00	24204.55	24203.82	0.01	24203.83	10.50
1028	2056.00	0.00	0.00	24203.82	24203.10	0.01	24203.11	10.50
1029	2058.00	0.00	0.00	24203.10	24202.39	0.01	24202.40	10.50
1030	2060.00	0.00	0.00	24202.39	24201.69	0.01	24201.69	10.50
1031	2062.00	0.00	0.00	24201.69	24200.99	0.01	24201.00	10.50
1032	2064.00	0.00	0.00	24200.99	24200.31	0.01	24200.32	10.50
1033	2066.00	0.00	0.00	24200.31	24199.63	0.01	24199.64	10.50
1034	2068.00	0.00	0.00	24199.63	24198.97	0.01	24198.97	10.50
1035	2070.00	0.00	0.00	24198.97	24198.31	0.01	24198.32	10.50
1036	2072.00	0.00	0.00	24198.31	24197.66	0.01	24197.67	10.50
1037	2074.00	0.00	0.00	24197.66	24197.02	0.01	24197.03	10.50
1038	2076.00	0.00	0.00	24197.02	24196.39	0.01	24196.40	10.50
1039	2078.00	0.00	0.00	24196.39	24195.77	0.01	24195.78	10.50
1040	2080.00	0.00	0.00	24195.77	24195.16	0.01	24195.16	10.50
1041	2082.00	0.00	0.00	24195.16	24194.55	0.01	24194.56	10.50
1042	2084.00	0.00	0.00	24194.55	24193.95	0.00	24193.96	10.50
1043	2086.00	0.00	0.00	24193.95	24193.37	0.00	24193.37	10.50
1044	2088.00	0.00	0.00	24193.37	24192.78	0.00	24192.79	10.50
1045	2090.00	0.00	0.00	24192.78	24192.21	0.00	24192.21	10.50
1046	2092.00	0.00	0.00	24192.21	24191.64	0.00	24191.65	10.50
1047	2094.00	0.00	0.00	24191.64	24191.08	0.00	24191.09	10.50
1048	2096.00	0.00	0.00	24191.08	24190.53	0.00	24190.54	10.50

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1049	2098.00	0.00	0.00	24190.53	24189.99	0.00	24189.99	10.50
1050	2100.00	0.00	0.00	24189.99	24189.45	0.00	24189.46	10.50
1051	2102.00	0.00	0.00	24189.45	24188.92	0.00	24188.93	10.50
1052	2104.00	0.00	0.00	24188.92	24188.40	0.00	24188.41	10.50
1053	2106.00	0.00	0.00	24188.40	24187.89	0.00	24187.89	10.50
1054	2108.00	0.00	0.00	24187.89	24187.38	0.00	24187.38	10.50
1055	2110.00	0.00	0.00	24187.38	24186.88	0.00	24186.88	10.50
1056	2112.00	0.00	0.00	24186.88	24186.38	0.00	24186.39	10.50
1057	2114.00	0.00	0.00	24186.38	24185.89	0.00	24185.90	10.50
1058	2116.00	0.00	0.00	24185.89	24185.41	0.00	24185.42	10.50
1059	2118.00	0.00	0.00	24185.41	24184.94	0.00	24184.94	10.50
1060	2120.00	0.00	0.00	24184.94	24184.47	0.00	24184.47	10.50
1061	2122.00	0.00	0.00	24184.47	24184.01	0.00	24184.01	10.50
1062	2124.00	0.00	0.00	24184.01	24183.55	0.00	24183.55	10.50
1063	2126.00	0.00	0.00	24183.55	24183.10	0.00	24183.10	10.50
1064	2128.00	0.00	0.00	24183.10	24182.66	0.00	24182.66	10.50
1065	2130.00	0.00	0.00	24182.66	24182.22	0.00	24182.22	10.50
1066	2132.00	0.00	0.00	24182.22	24181.79	0.00	24181.79	10.50
1067	2134.00	0.00	0.00	24181.79	24181.36	0.00	24181.36	10.50
1068	2136.00	0.00	0.00	24181.36	24180.94	0.00	24180.94	10.50
1069	2138.00	0.00	0.00	24180.94	24180.52	0.00	24180.53	10.50
1070	2140.00	0.00	0.00	24180.52	24180.11	0.00	24180.12	10.50
1071	2142.00	0.00	0.00	24180.11	24179.71	0.00	24179.71	10.50
1072	2144.00	0.00	0.00	24179.71	24179.31	0.00	24179.31	10.50
1073	2146.00	0.00	0.00	24179.31	24178.92	0.00	24178.92	10.50
1074	2148.00	0.00	0.00	24178.92	24178.53	0.00	24178.53	10.50
1075	2150.00	0.00	0.00	24178.53	24178.15	0.00	24178.15	10.50
1076	2152.00	0.00	0.00	24178.15	24177.77	0.00	24177.77	10.50
1077	2154.00	0.00	0.00	24177.77	24177.40	0.00	24177.40	10.50
1078	2156.00	0.00	0.00	24177.40	24177.03	0.00	24177.03	10.50
1079	2158.00	0.00	0.00	24177.03	24176.67	0.00	24176.67	10.50
1080	2160.00	0.00	0.00	24176.67	24176.31	0.00	24176.31	10.50
1081	2162.00	0.00	0.00	24176.31	24175.96	0.00	24175.96	10.50
1082	2164.00	0.00	0.00	24175.96	24175.61	0.00	24175.61	10.50
1083	2166.00	0.00	0.00	24175.61	24175.26	0.00	24175.27	10.50
1084	2168.00	0.00	0.00	24175.26	24174.92	0.00	24174.93	10.50
1085	2170.00	0.00	0.00	24174.92	24174.59	0.00	24174.59	10.50
1086	2172.00	0.00	0.00	24174.59	24174.26	0.00	24174.26	10.50
1087	2174.00	0.00	0.00	24174.26	24173.93	0.00	24173.94	10.50
1088	2176.00	0.00	0.00	24173.93	24173.61	0.00	24173.62	10.50
1089	2178.00	0.00	0.00	24173.61	24173.30	0.00	24173.30	10.50
1090	2180.00	0.00	0.00	24173.30	24172.98	0.00	24172.99	10.50
1091	2182.00	0.00	0.00	24172.98	24172.67	0.00	24172.68	10.50
1092	2184.00	0.00	0.00	24172.67	24172.37	0.00	24172.37	10.50
1093	2186.00	0.00	0.00	24172.37	24172.07	0.00	24172.07	10.50
1094	2188.00	0.00	0.00	24172.07	24171.77	0.00	24171.78	10.50
1095	2190.00	0.00	0.00	24171.77	24171.48	0.00	24171.48	10.50
1096	2192.00	0.00	0.00	24171.48	24171.19	0.00	24171.20	10.50

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1097 2194.00 0.00    0.00    24171.19 24170.91 0.00    24170.91 10.50
1098 2196.00 0.00    0.00    24170.91 24170.63 0.00    24170.63 10.50
1099 2198.00 0.00    0.00    24170.63 24170.35 0.00    24170.35 10.50
1100 2200.00 0.00    0.00    24170.35 24170.08 0.00    24170.08 10.50
1101 2202.00 0.00    0.00    24170.08 24169.81 0.00    24169.81 10.50
1102 2204.00 0.00    0.00    24169.81 24169.54 0.00    24169.54 10.50
1103 2206.00 0.00    0.00    24169.54 24169.28 0.00    24169.28 10.50
1104 2208.00 0.00    0.00    24169.28 24169.02 0.00    24169.02 10.50
1105 2210.00 0.00    0.00    24169.02 24168.77 0.00    24168.77 10.50
1106 2212.00 0.00    0.00    24168.77 24168.51 0.00    24168.52 10.50
1107 2214.00 0.00    0.00    24168.51 24168.27 0.00    24168.27 10.50
1108 2216.00 0.00    0.00    24168.27 24168.02 0.00    24168.02 10.50
1109 2218.00 0.00    0.00    24168.02 24167.78 0.00    24167.78 10.50
1110 2220.00 0.00    0.00    24167.78 24167.54 0.00    24167.54 10.50
1111 2222.00 0.00    0.00    24167.54 24167.30 0.00    24167.31 10.50
1112 2224.00 0.00    0.00    24167.30 24167.07 0.00    24167.07 10.50
1113 2226.00 0.00    0.00    24167.07 24166.84 0.00    24166.84 10.50
1114 2228.00 0.00    0.00    24166.84 24166.62 0.00    24166.62 10.50
1115 2230.00 0.00    0.00    24166.62 24166.39 0.00    24166.39 10.50
1116 2232.00 0.00    0.00    24166.39 24166.17 0.00    24166.17 10.50
1117 2234.00 0.00    0.00    24166.17 24165.96 0.00    24165.96 10.50
1118 2236.00 0.00    0.00    24165.96 24165.74 0.00    24165.74 10.50
1119 2238.00 0.00    0.00    24165.74 24165.53 0.00    24165.53 10.50
1120 2240.00 0.00    0.00    24165.53 24165.32 0.00    24165.32 10.50
1121 2242.00 0.00    0.00    24165.32 24165.12 0.00    24165.12 10.50
1122 2244.00 0.00    0.00    24165.12 24164.91 0.00    24164.91 10.50
1123 2246.00 0.00    0.00    24164.91 24164.71 0.00    24164.71 10.50
1124 2248.00 0.00    0.00    24164.71 24164.51 0.00    24164.52 10.50
1125 2250.00 0.00    0.00    24164.51 24164.32 0.00    24164.32 10.50
1126 2252.00 0.00    0.00    24164.32 24164.13 0.00    24164.13 10.50
1127 2254.00 0.00    0.00    24164.13 24163.94 0.00    24163.94 10.50
1128 2256.00 0.00    0.00    24163.94 24163.75 0.00    24163.75 10.50
1129 2258.00 0.00    0.00    24163.75 24163.56 0.00    24163.57 10.50
1130 2260.00 0.00    0.00    24163.56 24163.38 0.00    24163.38 10.50
1131 2262.00 0.00    0.00    24163.38 24163.20 0.00    24163.20 10.50
1132 2264.00 0.00    0.00    24163.20 24163.03 0.00    24163.03 10.50
1133 2266.00 0.00    0.00    24163.03 24162.85 0.00    24162.85 10.50
1134 2268.00 0.00    0.00    24162.85 24162.68 0.00    24162.68 10.50
1135 2270.00 0.00    0.00    24162.68 24162.51 0.00    24162.51 10.50
1136 2272.00 0.00    0.00    24162.51 24162.34 0.00    24162.34 10.50
1137 2274.00 0.00    0.00    24162.34 24162.17 0.00    24162.17 10.50
1138 2276.00 0.00    0.00    24162.17 24162.01 0.00    24162.01 10.50
1139 2278.00 0.00    0.00    24162.01 24161.85 0.00    24161.85 10.50
1140 2280.00 0.00    0.00    24161.85 24161.69 0.00    24161.69 10.50
1141 2282.00 0.00    0.00    24161.69 24161.53 0.00    24161.53 10.50
1142 2284.00 0.00    0.00    24161.53 24161.38 0.00    24161.38 10.50
1143 2286.00 0.00    0.00    24161.38 24161.22 0.00    24161.23 10.50
1144 2288.00 0.00    0.00    24161.22 24161.07 0.00    24161.07 10.50
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1145	2290.00	0.00	0.00	24161.07	24160.92	0.00	24160.93	10.50
1146	2292.00	0.00	0.00	24160.92	24160.78	0.00	24160.78	10.50
1147	2294.00	0.00	0.00	24160.78	24160.63	0.00	24160.63	10.50
1148	2296.00	0.00	0.00	24160.63	24160.49	0.00	24160.49	10.50
1149	2298.00	0.00	0.00	24160.49	24160.35	0.00	24160.35	10.50
1150	2300.00	0.00	0.00	24160.35	24160.21	0.00	24160.21	10.50
1151	2302.00	0.00	0.00	24160.21	24160.07	0.00	24160.07	10.50
1152	2304.00	0.00	0.00	24160.07	24159.94	0.00	24159.94	10.50
1153	2306.00	0.00	0.00	24159.94	24159.80	0.00	24159.80	10.50
1154	2308.00	0.00	0.00	24159.80	24159.67	0.00	24159.67	10.50
1155	2310.00	0.00	0.00	24159.67	24159.54	0.00	24159.54	10.50
1156	2312.00	0.00	0.00	24159.54	24159.41	0.00	24159.41	10.50
1157	2314.00	0.00	0.00	24159.41	24159.29	0.00	24159.29	10.50
1158	2316.00	0.00	0.00	24159.29	24159.16	0.00	24159.16	10.50
1159	2318.00	0.00	0.00	24159.16	24159.04	0.00	24159.04	10.50
1160	2320.00	0.00	0.00	24159.04	24158.92	0.00	24158.92	10.50
1161	2322.00	0.00	0.00	24158.92	24158.80	0.00	24158.80	10.50
1162	2324.00	0.00	0.00	24158.80	24158.68	0.00	24158.68	10.50
1163	2326.00	0.00	0.00	24158.68	24158.56	0.00	24158.56	10.50
1164	2328.00	0.00	0.00	24158.56	24158.45	0.00	24158.45	10.50
1165	2330.00	0.00	0.00	24158.45	24158.33	0.00	24158.33	10.50
1166	2332.00	0.00	0.00	24158.33	24158.22	0.00	24158.22	10.50
1167	2334.00	0.00	0.00	24158.22	24158.11	0.00	24158.11	10.50
1168	2336.00	0.00	0.00	24158.11	24158.00	0.00	24158.00	10.50
1169	2338.00	0.00	0.00	24158.00	24157.89	0.00	24157.89	10.50
1170	2340.00	0.00	0.00	24157.89	24157.79	0.00	24157.79	10.50
1171	2342.00	0.00	0.00	24157.79	24157.68	0.00	24157.68	10.50
1172	2344.00	0.00	0.00	24157.68	24157.58	0.00	24157.58	10.50
1173	2346.00	0.00	0.00	24157.58	24157.48	0.00	24157.48	10.50
1174	2348.00	0.00	0.00	24157.48	24157.38	0.00	24157.38	10.50
1175	2350.00	0.00	0.00	24157.38	24157.28	0.00	24157.28	10.50
1176	2352.00	0.00	0.00	24157.28	24157.18	0.00	24157.18	10.50
1177	2354.00	0.00	0.00	24157.18	24157.08	0.00	24157.08	10.50
1178	2356.00	0.00	0.00	24157.08	24156.99	0.00	24156.99	10.50
1179	2358.00	0.00	0.00	24156.99	24156.89	0.00	24156.89	10.50
1180	2360.00	0.00	0.00	24156.89	24156.80	0.00	24156.80	10.50
1181	2362.00	0.00	0.00	24156.80	24156.71	0.00	24156.71	10.50
1182	2364.00	0.00	0.00	24156.71	24156.62	0.00	24156.62	10.50
1183	2366.00	0.00	0.00	24156.62	24156.53	0.00	24156.53	10.50
1184	2368.00	0.00	0.00	24156.53	24156.44	0.00	24156.44	10.50
1185	2370.00	0.00	0.00	24156.44	24156.35	0.00	24156.35	10.50
1186	2372.00	0.00	0.00	24156.35	24156.27	0.00	24156.27	10.50
1187	2374.00	0.00	0.00	24156.27	24156.18	0.00	24156.18	10.50
1188	2376.00	0.00	0.00	24156.18	24156.10	0.00	24156.10	10.50
1189	2378.00	0.00	0.00	24156.10	24156.02	0.00	24156.02	10.50
1190	2380.00	0.00	0.00	24156.02	24155.94	0.00	24155.94	10.50
1191	2382.00	0.00	0.00	24155.94	24155.86	0.00	24155.86	10.50
1192	2384.00	0.00	0.00	24155.86	24155.78	0.00	24155.78	10.50

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1193	2386.00	0.00	0.00	24155.78	24155.70	0.00	24155.70	10.50
1194	2388.00	0.00	0.00	24155.70	24155.62	0.00	24155.62	10.50
1195	2390.00	0.00	0.00	24155.62	24155.55	0.00	24155.55	10.50
1196	2392.00	0.00	0.00	24155.55	24155.47	0.00	24155.47	10.50
1197	2394.00	0.00	0.00	24155.47	24155.40	0.00	24155.40	10.50
1198	2396.00	0.00	0.00	24155.40	24155.33	0.00	24155.33	10.50
1199	2398.00	0.00	0.00	24155.33	24155.25	0.00	24155.25	10.50
1200	2400.00	0.00	0.00	24155.25	24155.18	0.00	24155.18	10.50
1201	2402.00	0.00	0.00	24155.18	24155.11	0.00	24155.11	10.50
1202	2404.00	0.00	0.00	24155.11	24155.04	0.00	24155.04	10.50
1203	2406.00	0.00	0.00	24155.04	24154.98	0.00	24154.98	10.50
1204	2408.00	0.00	0.00	24154.98	24154.91	0.00	24154.91	10.50
1205	2410.00	0.00	0.00	24154.91	24154.84	0.00	24154.84	10.50
1206	2412.00	0.00	0.00	24154.84	24154.78	0.00	24154.78	10.50
1207	2414.00	0.00	0.00	24154.78	24154.71	0.00	24154.71	10.50
1208	2416.00	0.00	0.00	24154.71	24154.65	0.00	24154.65	10.50
1209	2418.00	0.00	0.00	24154.65	24154.59	0.00	24154.59	10.50
1210	2420.00	0.00	0.00	24154.59	24154.52	0.00	24154.53	10.50
1211	2422.00	0.00	0.00	24154.52	24154.46	0.00	24154.46	10.50
1212	2424.00	0.00	0.00	24154.46	24154.40	0.00	24154.40	10.50
1213	2426.00	0.00	0.00	24154.40	24154.34	0.00	24154.34	10.50
1214	2428.00	0.00	0.00	24154.34	24154.29	0.00	24154.29	10.50
1215	2430.00	0.00	0.00	24154.29	24154.23	0.00	24154.23	10.50
1216	2432.00	0.00	0.00	24154.23	24154.17	0.00	24154.17	10.50
1217	2434.00	0.00	0.00	24154.17	24154.11	0.00	24154.11	10.50
1218	2436.00	0.00	0.00	24154.11	24154.06	0.00	24154.06	10.50
1219	2438.00	0.00	0.00	24154.06	24154.00	0.00	24154.00	10.50
1220	2440.00	0.00	0.00	24154.00	24153.95	0.00	24153.95	10.50
1221	2442.00	0.00	0.00	24153.95	24153.90	0.00	24153.90	10.50
1222	2444.00	0.00	0.00	24153.90	24153.84	0.00	24153.84	10.50
1223	2446.00	0.00	0.00	24153.84	24153.79	0.00	24153.79	10.50
1224	2448.00	0.00	0.00	24153.79	24153.74	0.00	24153.74	10.50
1225	2450.00	0.00	0.00	24153.74	24153.69	0.00	24153.69	10.50
1226	2452.00	0.00	0.00	24153.69	24153.64	0.00	24153.64	10.50
1227	2454.00	0.00	0.00	24153.64	24153.59	0.00	24153.59	10.50
1228	2456.00	0.00	0.00	24153.59	24153.54	0.00	24153.54	10.50
1229	2458.00	0.00	0.00	24153.54	24153.49	0.00	24153.49	10.50
1230	2460.00	0.00	0.00	24153.49	24153.45	0.00	24153.45	10.50
1231	2462.00	0.00	0.00	24153.45	24153.40	0.00	24153.40	10.50
1232	2464.00	0.00	0.00	24153.40	24153.35	0.00	24153.35	10.50
1233	2466.00	0.00	0.00	24153.35	24153.31	0.00	24153.31	10.50
1234	2468.00	0.00	0.00	24153.31	24153.26	0.00	24153.26	10.50
1235	2470.00	0.00	0.00	24153.26	24153.22	0.00	24153.22	10.50
1236	2472.00	0.00	0.00	24153.22	24153.18	0.00	24153.18	10.50
1237	2474.00	0.00	0.00	24153.18	24153.13	0.00	24153.13	10.50
1238	2476.00	0.00	0.00	24153.13	24153.09	0.00	24153.09	10.50
1239	2478.00	0.00	0.00	24153.09	24153.05	0.00	24153.05	10.50
1240	2480.00	0.00	0.00	24153.05	24153.01	0.00	24153.01	10.50

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1241	2482.00	0.00	0.00	24153.01	24152.97	0.00	24152.97	10.50
1242	2484.00	0.00	0.00	24152.97	24152.93	0.00	24152.93	10.50
1243	2486.00	0.00	0.00	24152.93	24152.89	0.00	24152.89	10.50
1244	2488.00	0.00	0.00	24152.89	24152.85	0.00	24152.85	10.50
1245	2490.00	0.00	0.00	24152.85	24152.81	0.00	24152.81	10.50
1246	2492.00	0.00	0.00	24152.81	24152.77	0.00	24152.77	10.50
1247	2494.00	0.00	0.00	24152.77	24152.73	0.00	24152.73	10.50
1248	2496.00	0.00	0.00	24152.73	24152.70	0.00	24152.70	10.50
1249	2498.00	0.00	0.00	24152.70	24152.66	0.00	24152.66	10.50
1250	2500.00	0.00	0.00	24152.66	24152.62	0.00	24152.62	10.50
1251	2502.00	0.00	0.00	24152.62	24152.59	0.00	24152.59	10.50
1252	2504.00	0.00	0.00	24152.59	24152.55	0.00	24152.55	10.50
1253	2506.00	0.00	0.00	24152.55	24152.52	0.00	24152.52	10.50
1254	2508.00	0.00	0.00	24152.52	24152.48	0.00	24152.48	10.50
1255	2510.00	0.00	0.00	24152.48	24152.45	0.00	24152.45	10.50
1256	2512.00	0.00	0.00	24152.45	24152.42	0.00	24152.42	10.50
1257	2514.00	0.00	0.00	24152.42	24152.38	0.00	24152.38	10.50
1258	2516.00	0.00	0.00	24152.38	24152.35	0.00	24152.35	10.50
1259	2518.00	0.00	0.00	24152.35	24152.32	0.00	24152.32	10.50
1260	2520.00	0.00	0.00	24152.32	24152.29	0.00	24152.29	10.50
1261	2522.00	0.00	0.00	24152.29	24152.26	0.00	24152.26	10.50
1262	2524.00	0.00	0.00	24152.26	24152.23	0.00	24152.23	10.50
1263	2526.00	0.00	0.00	24152.23	24152.20	0.00	24152.20	10.50
1264	2528.00	0.00	0.00	24152.20	24152.17	0.00	24152.17	10.50
1265	2530.00	0.00	0.00	24152.17	24152.14	0.00	24152.14	10.50
1266	2532.00	0.00	0.00	24152.14	24152.11	0.00	24152.11	10.50
1267	2534.00	0.00	0.00	24152.11	24152.08	0.00	24152.08	10.50
1268	2536.00	0.00	0.00	24152.08	24152.05	0.00	24152.05	10.50
1269	2538.00	0.00	0.00	24152.05	24152.02	0.00	24152.02	10.50
1270	2540.00	0.00	0.00	24152.02	24151.99	0.00	24151.99	10.50
1271	2542.00	0.00	0.00	24151.99	24151.97	0.00	24151.97	10.50
1272	2544.00	0.00	0.00	24151.97	24151.94	0.00	24151.94	10.50
1273	2546.00	0.00	0.00	24151.94	24151.91	0.00	24151.91	10.50
1274	2548.00	0.00	0.00	24151.91	24151.89	0.00	24151.89	10.50
1275	2550.00	0.00	0.00	24151.89	24151.86	0.00	24151.86	10.50
1276	2552.00	0.00	0.00	24151.86	24151.84	0.00	24151.84	10.50
1277	2554.00	0.00	0.00	24151.84	24151.81	0.00	24151.81	10.50
1278	2556.00	0.00	0.00	24151.81	24151.79	0.00	24151.79	10.50
1279	2558.00	0.00	0.00	24151.79	24151.76	0.00	24151.76	10.50
1280	2560.00	0.00	0.00	24151.76	24151.74	0.00	24151.74	10.50
1281	2562.00	0.00	0.00	24151.74	24151.71	0.00	24151.72	10.50
1282	2564.00	0.00	0.00	24151.71	24151.69	0.00	24151.69	10.50
1283	2566.00	0.00	0.00	24151.69	24151.67	0.00	24151.67	10.50
1284	2568.00	0.00	0.00	24151.67	24151.65	0.00	24151.65	10.50
1285	2570.00	0.00	0.00	24151.65	24151.62	0.00	24151.62	10.50
1286	2572.00	0.00	0.00	24151.62	24151.60	0.00	24151.60	10.50
1287	2574.00	0.00	0.00	24151.60	24151.58	0.00	24151.58	10.50
1288	2576.00	0.00	0.00	24151.58	24151.56	0.00	24151.56	10.50

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1289	2578.00	0.00	0.00	24151.56	24151.54	0.00	24151.54	10.50
1290	2580.00	0.00	0.00	24151.54	24151.51	0.00	24151.52	10.50
1291	2582.00	0.00	0.00	24151.51	24151.49	0.00	24151.49	10.50
1292	2584.00	0.00	0.00	24151.49	24151.47	0.00	24151.47	10.50
1293	2586.00	0.00	0.00	24151.47	24151.45	0.00	24151.45	10.50
1294	2588.00	0.00	0.00	24151.45	24151.43	0.00	24151.43	10.50
1295	2590.00	0.00	0.00	24151.43	24151.41	0.00	24151.41	10.50
1296	2592.00	0.00	0.00	24151.41	24151.39	0.00	24151.39	10.50
1297	2594.00	0.00	0.00	24151.39	24151.38	0.00	24151.38	10.50
1298	2596.00	0.00	0.00	24151.38	24151.36	0.00	24151.36	10.50
1299	2598.00	0.00	0.00	24151.36	24151.34	0.00	24151.34	10.50
1300	2600.00	0.00	0.00	24151.34	24151.32	0.00	24151.32	10.50
1301	2602.00	0.00	0.00	24151.32	24151.30	0.00	24151.30	10.50
1302	2604.00	0.00	0.00	24151.30	24151.28	0.00	24151.28	10.50
1303	2606.00	0.00	0.00	24151.28	24151.27	0.00	24151.27	10.50
1304	2608.00	0.00	0.00	24151.27	24151.25	0.00	24151.25	10.50
1305	2610.00	0.00	0.00	24151.25	24151.23	0.00	24151.23	10.50
1306	2612.00	0.00	0.00	24151.23	24151.21	0.00	24151.21	10.50
1307	2614.00	0.00	0.00	24151.21	24151.20	0.00	24151.20	10.50
1308	2616.00	0.00	0.00	24151.20	24151.18	0.00	24151.18	10.50
1309	2618.00	0.00	0.00	24151.18	24151.16	0.00	24151.16	10.50
1310	2620.00	0.00	0.00	24151.16	24151.15	0.00	24151.15	10.50
1311	2622.00	0.00	0.00	24151.15	24151.13	0.00	24151.13	10.50
1312	2624.00	0.00	0.00	24151.13	24151.12	0.00	24151.12	10.50
1313	2626.00	0.00	0.00	24151.12	24151.10	0.00	24151.10	10.50
1314	2628.00	0.00	0.00	24151.10	24151.09	0.00	24151.09	10.50
1315	2630.00	0.00	0.00	24151.09	24151.07	0.00	24151.07	10.50
1316	2632.00	0.00	0.00	24151.07	24151.06	0.00	24151.06	10.50
1317	2634.00	0.00	0.00	24151.06	24151.04	0.00	24151.04	10.50
1318	2636.00	0.00	0.00	24151.04	24151.03	0.00	24151.03	10.50
1319	2638.00	0.00	0.00	24151.03	24151.01	0.00	24151.01	10.50
1320	2640.00	0.00	0.00	24151.01	24151.00	0.00	24151.00	10.50
1321	2642.00	0.00	0.00	24151.00	24150.99	0.00	24150.99	10.50
1322	2644.00	0.00	0.00	24150.99	24150.97	0.00	24150.97	10.50
1323	2646.00	0.00	0.00	24150.97	24150.96	0.00	24150.96	10.50
1324	2648.00	0.00	0.00	24150.96	24150.94	0.00	24150.95	10.50
1325	2650.00	0.00	0.00	24150.94	24150.93	0.00	24150.93	10.50
1326	2652.00	0.00	0.00	24150.93	24150.92	0.00	24150.92	10.50
1327	2654.00	0.00	0.00	24150.92	24150.91	0.00	24150.91	10.50
1328	2656.00	0.00	0.00	24150.91	24150.89	0.00	24150.89	10.50
1329	2658.00	0.00	0.00	24150.89	24150.88	0.00	24150.88	10.50
1330	2660.00	0.00	0.00	24150.88	24150.87	0.00	24150.87	10.50
1331	2662.00	0.00	0.00	24150.87	24150.86	0.00	24150.86	10.50
1332	2664.00	0.00	0.00	24150.86	24150.84	0.00	24150.84	10.50
1333	2666.00	0.00	0.00	24150.84	24150.83	0.00	24150.83	10.50
1334	2668.00	0.00	0.00	24150.83	24150.82	0.00	24150.82	10.50
1335	2670.00	0.00	0.00	24150.82	24150.81	0.00	24150.81	10.50
1336	2672.00	0.00	0.00	24150.81	24150.80	0.00	24150.80	10.50

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1337	2674.00	0.00	0.00	24150.80	24150.79	0.00	24150.79	10.50
1338	2676.00	0.00	0.00	24150.79	24150.78	0.00	24150.78	10.50
1339	2678.00	0.00	0.00	24150.78	24150.77	0.00	24150.77	10.50
1340	2680.00	0.00	0.00	24150.77	24150.75	0.00	24150.75	10.50
1341	2682.00	0.00	0.00	24150.75	24150.74	0.00	24150.74	10.50
1342	2684.00	0.00	0.00	24150.74	24150.73	0.00	24150.73	10.50
1343	2686.00	0.00	0.00	24150.73	24150.72	0.00	24150.72	10.50
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1346	2692.00	0.00	0.00	24150.70	24150.69	0.00	24150.69	10.50
1347	2694.00	0.00	0.00	24150.69	24150.68	0.00	24150.68	10.50
1348	2696.00	0.00	0.00	24150.68	24150.67	0.00	24150.67	10.50
1349	2698.00	0.00	0.00	24150.67	24150.66	0.00	24150.66	10.50
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1352	2704.00	0.00	0.00	24150.65	24150.64	0.00	24150.64	10.50
1353	2706.00	0.00	0.00	24150.64	24150.63	0.00	24150.63	10.50
1354	2708.00	0.00	0.00	24150.63	24150.62	0.00	24150.62	10.50
1355	2710.00	0.00	0.00	24150.62	24150.61	0.00	24150.61	10.50
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1360	2720.00	0.00	0.00	24150.58	24150.57	0.00	24150.57	10.50
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1365	2730.00	0.00	0.00	24150.54	24150.53	0.00	24150.53	10.50
1366	2732.00	0.00	0.00	24150.53	24150.52	0.00	24150.52	10.50
1367	2734.00	0.00	0.00	24150.52	24150.51	0.00	24150.51	10.50
1368	2736.00	0.00	0.00	24150.51	24150.51	0.00	24150.51	10.50
1369	2738.00	0.00	0.00	24150.51	24150.50	0.00	24150.50	10.50
1370	2740.00	0.00	0.00	24150.50	24150.49	0.00	24150.49	10.50
1371	2742.00	0.00	0.00	24150.49	24150.49	0.00	24150.49	10.50
1372	2744.00	0.00	0.00	24150.49	24150.48	0.00	24150.48	10.50
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User Name: Willie Hall

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Scenario: Proposed Pond #4 Basin

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1392	2784.00	0.00	0.00	24150.36	24150.36	0.00	24150.36	10.50
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1396	2792.00	0.00	0.00	24150.34	24150.34	0.00	24150.34	10.50
1397	2794.00	0.00	0.00	24150.34	24150.33	0.00	24150.33	10.50
1398	2796.00	0.00	0.00	24150.33	24150.33	0.00	24150.33	10.50
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1405	2810.00	0.00	0.00	24150.30	24150.29	0.00	24150.29	10.50
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1419	2838.00	0.00	0.00	24150.24	24150.24	0.00	24150.24	10.50
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1421	2842.00	0.00	0.00	24150.23	24150.23	0.00	24150.23	10.50
1422	2844.00	0.00	0.00	24150.23	24150.23	0.00	24150.23	10.50
1423	2846.00	0.00	0.00	24150.23	24150.22	0.00	24150.22	10.50
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1431	2862.00	0.00	0.00	24150.20	24150.20	0.00	24150.20	10.50
1432	2864.00	0.00	0.00	24150.20	24150.19	0.00	24150.19	10.50

User Name: Willie Hall

Date: 01-14-14

Project: John Grimmer - Hillview Development - EP Drainage

Time: 19:32:52

Scenario: Proposed Pond #4 Basin

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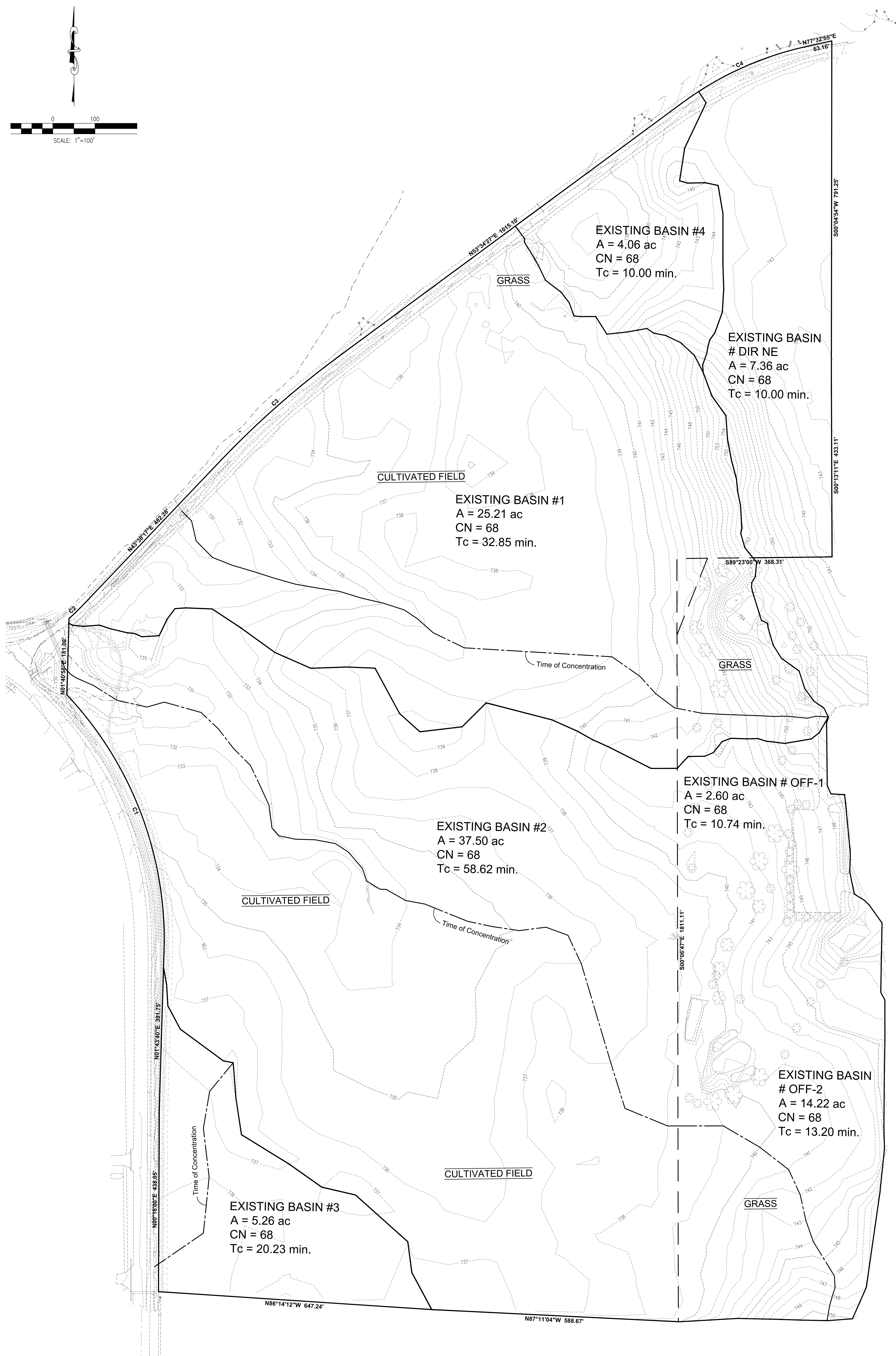
FLOOD HYDROGRAPH REPORT

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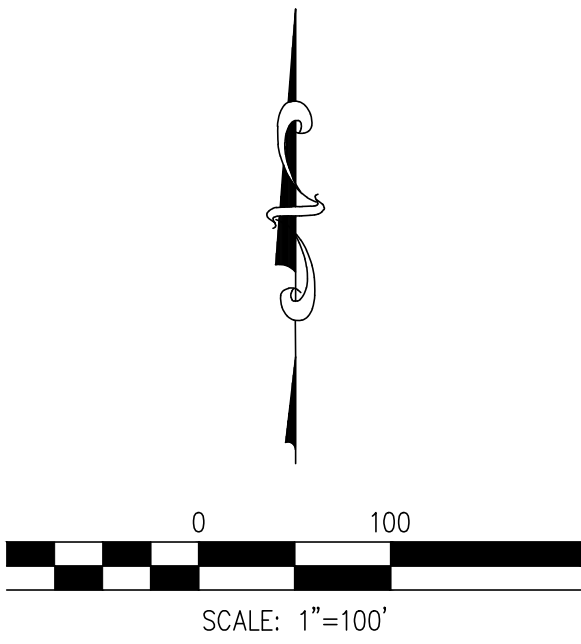
Appendix E: Watershed Maps

■ Exhibits

- Exhibit 1: Pre-Development Watershed Map
- Exhibit 2: Post-Development Watershed Map



POST-DEVELOPMENT WATERSHED MAP HOMESTEAD AT HILLVIEW



PROPOSED UPPER
SHELBYVILLE RD.
BASIN
A = 3.62 ac
CN = 76

PROPOSED POND
BASIN #1
A = 21.29 ac
CN = 86

PROPOSED POND
BASIN #2
A = 25.00 ac
CN = 85

PROPOSED POND
BASIN #3
A = 21.94 ac
CN = 79

PROPOSED POND
BASIN #4
A = 24.06 ac
CN = 77

