FUNCTIONAL STORMWATER MANAGEMENT REPORT

Proposed Industrial Subdivision
Elmira, Ontario

21 April 2025

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1. INTRODUCTION

This Functional Stormwater Management Report (Report) has been prepared by Strik, Baldinelli, Moniz Ltd. (SBM) to address the requirements of the Township of Woolwich and the Region of Waterloo for the proposed industrial Draft Plan of Subdivision.

This Report is intended to represent a component of the overall Draft Plan of the Subdivision application and should be read in conjunction with all other submitted documents. The Subject Site is located at 1665 Scotch Line Road in the Town of Elmira and the following, along with the Preliminary Engineering Drawings (provided separately), have been prepared to address the Township's and the Region's requirements.

The 55 ha subject site borders the South Field Drive Right of Way (R.O.W.) to the north, a railway corridor and industrial/ commercial lands to the west, and farmlands/open space to the east and south. The proposed industrial subdivision will include 11 industrial blocks, 1 stormwater management block with 1 open space block, 1 sanitary pumping station block, and 3 future development blocks. Refer to the Draft Plan of Subdivision prepared by MHBC dated February 20, 2025 (Draft Plan), provided in Appendix A.

Design requirements have been based on the Region of Waterloo Design Guidelines and Supplemental Specifications for Municipal Services (DGSSMS) February 2024, Ministry of Environment, Conservation and Parks (MECP) Design Guidelines for Stormwater Management Planning and Design Manual, 2008 (SWMP&DM), and the Ministry of Transportation (MTO) Drainage Management Manual (DMM).

2. STORM SERVICING AND STORMWATER MANAGEMENT

2.1. Storm Servicing

As shown on the Draft Plan, the subject site is located south of South Field Drive, immediately east of the railway corridor. Based on the "Elmira Drain #1" overall watershed drawing 1, dated November 2020, prepared by GM BluePlan Engineering Limited, provided in Appendix A, the existing drain is west of the Railway Corridor and crosses the South Field Drive R.O.W via an existing 3600mm diameter culvert (CSP). There is an existing culvert located upstream of South Field Drive crossing the Railway track that conveys the flows from the subject site into Elmira Drain #1. The drain flows in a northerly direction and ultimately discharges to the Grand River.

2.2. Stormwater Management

The Stormwater Management (SWM) objective for the Subject Site is to attenuate the stormwater discharge resulting from the 2 to 100-year post-development storm events to allowable levels and safely convey the regional storm event (Hurricane Hazel).

Hydrologic Modelling was performed using Personal Computer Storm Water Management Model (PCSWMM) software, a widely accepted model for urban developments, to generate runoff hydrographs and route flows through the catchment areas. Stormwater management modelling software PCSWMM was used to quantify post-development runoff to the various site inlet structures (nodes), route flows through the storm sewers (links) and flow control devices (orifices) and determine ponding volumes and elevations within ponding areas (storage nodes). The program infiltration model uses SCS Curve numbers to determine the amount of infiltration that will occur within each subcatchment. SCS values have only been specified for pervious land uses such as cultivated land, lawns, wood or forest land etc. The software was used to verify that post-development flow rates do not exceed pre-development values for all outlets, and to calculate the required SWM wet pond storage volumes.

These models were produced according to the Minor Catchments Area Sheet 4.1, provided separately, which were also used for the catchment area identification numbers.

2.3. Rainfall Data

Chicago Rainfall distribution Parameters were derived from the MTO's Intensity Duration Frequency (IDF) curve lookup tool obtained for the subject site as shown in Table 1 below.

Depth (mm)									
Duration	5-min	10-min	15-min	30-min	1-hour	2-hour	6-hour	12-hour	24-hour
2 YEAR	10.9	13.5	15.2	18.8	23.1	28.5	39.6	48.8	60.1
5 YEAR	14.4	17.8	20.1	24.8	30.5	37.6	52.3	64.4	79.4
10 YEAR	16.8	20.6	23.3	28.7	35.4	43.6	60.7	74.8	92.1
25 YEAR	19.6	24.2	27.3	33.7	41.5	51.1	71.2	87.7	108.0
50 YEAR	21.8	26.8	30.3	37.3	46.0	56.7	78.9	97.2	119.7
100 YEAR	23.9	29.4	33.3	41.0	50.5	62.2	86.6	106.7	131.4

Table 1: Intensity-Duration-Frequency

The depth was then inputted in MIDUSS IDF Curve Fit tools (as shown in MIDUSS IDF to Chicago Conversion provided in Appendix B) to produce the Chicago Distribution parameters. The Chicago Rainfall Distribution parameters for the subject site are shown in Table 2 are below.

Return Period (Years)	Parameters		
	a	b	c
2	408.000	0.080	0.701
5	539.200	0.090	0.701
10	625.400	0.080	0.701
25	730.800	0.070	0.700
50	807.300	0.030	0.700
100	884.400	0.010	0.699

Table 2: Chicago Distribution from MIDUSS IDF Curve Fit Tools

Hyetographs for the 2 to 100-year rainfall event were created using the Ministry of Transportation of Ontario Drainage Management Manual (MTO DMM) intensity equations (Appendix x), and a time step of 1 minute for a 3-hour (180 minutes) Chicago Rainfall Distribution storm. An r fraction equal to 0.38 referenced from the MTO DMM Chapter 8 was used in the development of the hyetographs for each design storm. As noted in section 3.3.1 of the Hydrogeological Assessment prepared by Englobe dated December 04, 2024, provided separately, the Subject Site is predominately comprised of clayey silt/sand and silt till soils. SCS Curve Numbers were obtained from Table A.4 SCS Curve Numbers of the Environmental Protection Agency Stormwater Management Model User's Manual Version 5.1 are based on a soil group of D founded in the email from Peter Dao, Environmental & Hydrogeology Services on November 6, 2024, provided in Appendix A.

2.4. Pre-Development Conditions

The pre-development conditions were obtained from the Topographic Survey prepared by SBMG dated January 2025, and provided in Appendix A. Under pre-development conditions, the Subject Site consists of open

space/farmland. The pre-development runoff coefficient 'C' for the Subject Site is 0.31. There is an existing drain that runs south to north alongside the site from the west side.

The pre-development catchment areas are shown on the Pre-development Catchment Area Plan sheet 2.0, provided separately. Two external areas were assumed to be conveyed through the Subject Site from the South Field Drive. The pre-development catchment areas and catchment parameters are shown in the SWM Calculation Sheet provided in Appendix B, and select parameters are summarized in Table 3 below:

Catchment	Area (ha)	C-value	% Impervious	Flow Length (m)	Slope (%)	SCS Curve Number
A101	22.39	0.31	1.54	368.04	2.44	84
A102	32.54	0.31	1.54	516.74	1.07	84
EXT101	0.21	0.90	92.31	15.00	2.00	84
EXT102	0.18	0.90	92.31	15.00	2.00	84

Table 3: Pre-Development Catchment Parameters

The SCS curve were determined for the pervious areas using Table A.4 provided in Appendix B, based on a soil group of D based on section 3.3.1 of the Hydrogeological Assessment prepared by Chung and Vander Doelen Engineering Ltd. dated December 04, 2024, provided separately. An SCS value of 84 (fair condition grass cover) was used for catchments A101, A102, EX01 and EX02.

Depression Storage (Dstore) for impervious and pervious areas of 1.905mm and 3.81mm (based on an average value), respectively, and were obtained from Table A.5 Depression Storage of the Environmental Protection Agency Stormwater Management Model User's Manual Version 5.1. Manning's roughness coefficient (n) for impervious and pervious areas of 0.011 and 0.15, respectively, were obtained from Table A.6 Manning's n – Overland Flow of the same abovementioned manual and are defined based on land use.

2.5. Post-Development Conditions

Under post-development conditions, the proposed industrial subdivision will include a new municipal storm sewer system servicing each of the proposed blocks. The post-development runoff coefficients used within the post-development model are summarized within the SWM calculations provided in Appendix B. A summary of select post-development major catchment area parameters are provided in Table 4 below.

Catchment Area	Area (ha)	C-value	% Impervious	Flow Length (m)	Slope (%)	SCS Curve Number
A201a	6.11	0.95	100.00	154.20	0.50	80
A201b	2.62	0.95	100.00	100.00	0.50	80
A202a	3.06	0.95	100.00	125.15	0.50	80
A202b	1.31	0.95	100.00	100.00	0.50	80
A203a	1.75	0.95	100.00	122.05	0.50	80
A203b	0.75	0.95	100.00	50.00	0.50	80
A204a	1.87	0.95	100.00	104.16	0.50	80
A204b	0.8	0.95	100.00	100.00	0.50	80
A205a	1.87	0.95	100.00	104.30	0.50	80
A205b	0.8	0.95	100.00	100.00	0.50	80
A206a	1.76	0.95	100.00	102.11	0.50	80
A206b	0.75	0.95	100.00	100.00	0.50	80
A207a	1.743	0.95	100.00	119.74	0.50	80
A207b	0.747	0.95	100.00	50.00	0.50	80

A208a	1.674	0.95	100.00	91.87	0.50	80
A208b	0.693	0.95	100.00	100.00	0.50	80
A209a	1.82	0.95	100.00	74.00	0.50	80
A209b	0.78	0.95	100.00	100.00	0.50	80
A210a	2.35	0.95	100.00	177.66	0.50	80
A210b	1.01	0.95	100.00	100.00	0.50	80
A211	1.51	0.90	100.00	30.00	0.50	80
A212a	2.22	0.95	100.00	64.66	0.50	80
A212b	0.95	0.95	100.00	100.00	0.50	80
A213a	0.95	0.95	100.00	100.00	0.50	80
A213b	0.41	0.95	100.00	30.00	0.50	80
A301	0.21	0.70	61.54	30.00	0.70	80
A302	0.21	0.70	61.54	30.00	0.70	80
A303	0.12	0.70	61.54	30.00	0.70	80
A304	0.07	0.70	61.54	30.00	0.70	80
A305	0.27	0.70	61.54	30.00	0.70	80
A306	0.32	0.70	61.54	30.00	0.70	80
A307	0.27	0.70	61.54	30.00	0.70	80
A308	0.32	0.70	61.54	30.00	0.70	80
A309	0.11	0.70	61.54	30.00	0.70	80
A310	0.1	0.70	61.54	30.00	0.70	80
A311	0.62	0.70	61.54	30.00	0.70	80
A312	0.31	0.70	61.54	30.00	0.70	80
A313	0.19	0.70	61.54	30.00	0.70	80
A314	0.17	0.70	61.54	30.00	0.70	80
A315	0.21	0.70	61.54	30.00	0.70	80
A316	0.1	0.70	61.54	30.00	0.70	80
A317	0.1	0.70	61.54	30.00	0.70	80
A318	0.25	0.70	61.54	30.00	0.70	80
A319	0.31	0.70	61.54	30.00	0.70	80
A320	0.31	0.70	61.54	30.00	0.70	80
A321	0.31	0.70	61.54	30.00	0.70	80
A322	0.32	0.70	61.54	30.00	0.70	80
A323	0.27	0.70	61.54	30.00	0.70	80
A324	0.24	0.70	61.54	100.00	0.50	80
A325	0.33	0.70	61.54	30.00	0.70	80
A329	0.29	0.70	61.54	30.00	0.70	80
EX01	0.21	0.90	92.31	15.00	2.00	80
EX02	0.18	0.90	92.31	15.00	2.00	80
U201	6.94	0.30	0.00	30.00	2.43	80
U202	1.40	0.30	0.00	15.00	27.00	80

Table 4: Post-Development Catchment Parameters

SCS Curve Number of 80 was obtained from Table A.4 SCS Curve Numbers of the Environmental Protection Agency Stormwater Management Model User's Manual Version 5.1 and is based on a soil type of clayey silt & hydrologic soil group of D, based on section 3.3.1 of the Hydrogeological Assessment prepared by Chung and Vander Doelen Engineering Ltd. dated December 04, 2024, provided separately.

Under post-development conditions, the site has been divided into 55 catchment areas.

- A201-A210 and A212-A213 each represent an industrial block that further splits into two sub-catchment areas each labeled 'a' for those draining into the SWM wet pond and 'b' for clean water from rooftop runoff (discussed in further detail within section 3.0 of this Report) also draining into the SWM wet pond.
- A211 represents the SWM block.
- Areas A301-A326 are ROW blocks which will discharge directly to the proposed municipal storm system.
- Area U201 represents Block 14 which will be zoned as Open Space and will not be developed.
- Area U202 represents the narrow strip of land at the southeast, east, and northeast side of the site which will generally be a steep slope discharging overland to the east toward the Elmira Drain #7.
- Areas EX01 and EX02 are external areas which are anticipated to be discharged into the proposed municipal storm system.

2.6. Stormwater Management Quantity Controls

The SWM quantity control objective for the Subject Site is to restrict the post-development peak flows to the pre-development peak flow rates. The pre-development catchment parameters provided in Table 3 of this Report were used to create the pre-development PCSWMM model to estimate the peak storm flows conveyed from the Subject Site during the 2 to 100-yr storm events.

The post-development catchment parameters provided in Table 4 of this Report were used to create the post-development PCSWMM model to estimate the peak storm flows discharged from the proposed SWM pond during the 2 to 100-yr storm events and estimate the volumetric storage requirement in the SWM pond during each storm event.

The proposed SWM wet pond provides 2.49 m deep active storage. The volumetric storage capacity of the SWM pond is approximately 27,088.36 m^3 as shown in the stage-storage table provided in Appendix B. The storm flows discharged from the SWM pond will be controlled by a 212 mm diameter lower orifice and a 231 mm diameter upper orifice which are proposed to be installed in the SWM pond outlet manhole at invert elevations of 347.5m and 348.85m respectively. The major (Hurricane Hazel – regional) storm event will be safely conveyed overland via the weir at the top of the SWM pond to the Elmira Drain #1 at the northwest part of the Subject Site, generally matching existing conditions. The proposed ROW is anticipated to provide adequate capacity to safely convey the regional storm event overland through the development to the SWM wet pond, over the weir, and to the existing watercourse.

The SWM wet pond has three (3) inlets from the proposed municipal storm sewer:

1) The primary outlet discharges to the forebay to allow sediment to settle.

2) The secondary outlet serves as an overflow from the west intersection of Streets A and B, which its invert set at about 750mm above the other sewer inverts at the structure. The overflow inlet is intended to allow flows exceeding the capacity of the sewer system (5-year storm) to bypass the forebay, relieving surcharge conditions and lowering the hydraulic grade line while also minimize the potential for scour within the forebay.

3) The overland flow route from the proposed ROW will discharge into the SWM pond, ensuring all overland flows exceeding the capacity of the storm sewer system will be directed to the SWM pond and be attenuated (or for the regional storm event, safely conveyed).

The pre-development and post-development modelling diagrams and output results for all design storms have been provided in Appendix C and Appendix D respectively. A summary of pre-development and post-development storm flows for 2 to 100-yr events have been summarized in Table 5 of this Report and it indicates that post-development flows are restricted to pre-development for all design storms.

With the proposed controls listed above, the controlled post-development flows for the 2 to 100-yr storm events have been reduced to be at or below the allowable flows, which are calculated by deducting the uncontrolled post-development flow rates (U201) from the pre-development flow rates (A101). For the 2-yr storm event, the controlled post-development flows have been reduced to 104.36 L/s which is less than the allowable flows of 5104.79 L/s. For the 100-yr storm event, the controlled post-development flows have been reduced to 262.04 L/s which is less than the allowable flows of 435.11 L/s.

Return Period (years)	Pre-development maximum flow rate A101 (L/s)	Uncontrolled post-development flow rate U201 (L/s)	Active Storage Depth (L/s)	Controlled post-Development flow rate from SWM Pond (L/s)
2	133.42	28.63	104.79	104.36
5	209.50	64.13	145.37	145.08
10	299.87	95.11	204.76	189.91
25	438.35	144.20	294.15	225.29
50	537.33	179.95	357.38	243.57
100	660.23	225.12	435.11	262.04

Table 5: Summary of 2 to 100-yr Storm Flows to Elmira Drain #1

The SWM pond discharges through an overland flow channel to the existing wetland east of the railway corridor, through the culvert under the railway, and to the existing watercourse. The channel will be detailed to have adequate capacity and erosion protection as part of the detailed design process following Draft Plan Approval.

The PCSWMM post-development modelling output results also show that the proposed SWM pond has adequate capacity to store the attenuated post-development storm volumes. A summary is provided in Table 6 below.

Return Period (years)	SWM Pond Volumes (m3)	SWM Pond % Full (%)	SWM Pond Depths (m)	Maximum HGL (m)
2	10,909	40	1.16	348.66
5	14,894	55	1.51	349.01
10	17,315	64	1.72	349.22
25	20,453	76	1.98	349.48
50	22,454	83	2.14	349.64
100	24,739	91	2.31	349.81

Table 6: SWM Pond Volumetric Summary

A summary of pre-development and post-development storm flows for 2 to 100-yr events flow rates discharging to the east (tributary to the Main Drain #7) have been summarized in Table 7 of this Report and it indicates that the post-development flows are restricted to pre-development flow rates.

Return Period (years)	Pre-development maximum flow rate A102 (L/s)	Uncontrolled post-development flow rate U202 (L/s)
2	188.38	16.46
5	258.68	51.53
10	311.18	92.12
25	429.12	167.62
50	522.69	223.31
100	637.84	286.42

Table 7: Summary of 2 to 100-yr Storm Flows to the East

2.7. Stormwater Management Quality Controls

Quality controls for the proposed development will be achieved through two (2) primary methods, forming a treatment train approach:

1) An Oil & Grit separator (OGS) unit on each block will be required to treat all flows discharged from each block to the proposed municipal storm sewer. The OGS units will be specified as part of each block's detailed design for Site Plan Approval and will be required to provide a minimum 70% TSS removal based on ETV certifications/sizing criteria.

2) A sediment forebay is shown as part of the subdivision's SWM block. The minor storm system will discharge to the forebay which has been sized to meet settling velocity requirements as well as sizing recommendations from the MECP SWMPDM and will be further refined as part of Detailed Design.

3. WATER BALANCE

Development (urbanization) of the lands may reduce groundwater recharge and increase surface runoff. Therefore, it is important to predict the effect of urbanization, in particular to determine the fraction of water surplus (excess precipitation over evapotranspiration) that infiltrates into the ground and the fraction that forms surface runoff from the site.

The pre-development and post-development annual water balance calculations are provided in Appendix E based on hydrological cycle component values, provided in Table 3.1 of the MECP SWMPDM.

The first step in the water balance analysis is to calculate percentage of the evapotranspiration, runoff, and infiltration using the above-mentioned Table 3.1 and the site's hydrologic soil ground. These values were applied to the Site's average annual precipitation to calculate pre-development and post-development annual water balance (evapotranspiration, runoff, and infiltration).

The annual precipitation for the site is approximately 1006.4 mm based on the Annual Total Precipitation from Elmira climate station. Please refer to Monthly Infiltration Calculations, provided in Appendix E. The hydrologic soil group classification 'D' (clayey silt) was used, based on section 3.3.1 of the Hydrogeological Assessment prepared by Chung and Vander Doelen Engineering Ltd. dated December 04, 2024, provided separately. Shallow Rooted crops were used as vegetation cover for both pre-development and post-development calculations as per Section 3.2.3 of the MECP SWMPDM.

For the overall subdivision, under pre-development conditions, the total 549,280.00 m^2 was calculated to have an impervious surface of 1.67%. Under post-development conditions the total site area was calculated to have an impervious surface of 87.64% based on composite Runoff Coefficient C=0.87.

A summary of the water balance calculations for the overall subdivision is presented in Table 8 below. See Appendix E for the detailed pre-development and post-development annual water budget calculations.

		Without Infiltration Trenches		**With Infiltration Trenches**	
Water Budget Component	**Pre-Development Volume (m^3/yr)**	**Post-Development Volume (m^3/yr)**	**Percentage Change (%)**	**Post-Development Volume (m^3/yr)**	**Percentage Change (%)**
Precipitation	552,795.39	552,795.39		552,795.39	
Evapotranspiration	301,722.25	37,561.98	-87.55%	37,561.98	-87.55%
Infiltration	83,332.81	10,374.26	-87.55%	16,790.24	-79.85%

Total Runoff	167,740.32	504,859.15	200.98%	498,443.17	197.15%

Table 8: Water Balance Summary

Table 8 above shows that without the infiltration trenches, the post-development infiltration and evaporation are reduced by 87.55%, which results in a 200.98% increase in runoff.

For the wetland feature, under pre-development conditions, the total 225,943.22 m^2 (A101 + EX01) draining to the west was calculated to have an impervious surface of 2.14%. Under post-development conditions the total site area + EX01 + EX02 excluding U202 was calculated to have an impervious surface of 90.01% based on composite Runoff Coefficient C=0.89.

A summary of the water balance calculations for the wetland feature is presented in Table 9 below. See Appendix E for the detailed pre-development and post-development annual water budget calculations.

		Without Infiltration Trenches		**With Infiltration Trenches**	
Water Budget Component	**Pre-Development Volume (m^3/yr)**	**Post-Development Volume (m^3/yr)**	**Percentage Change (%)**	**Post-Development Volume (m^3/yr)**	**Percentage Change (%)**
Precipitation	227,389.26	542,550.27		542,550.27	
Evapotranspiration	124,040.81	29,692.79	-76.06%	29,692.79	-76.06%
Infiltration	34,258.89	8,200.86	-76.06%	14,616.84	-57.33%
Total Runoff	69,089.56	504,656.62	630.44%	498,240.64	621.15%

Table 9: Water Balance Summary

Table 9 above shows that without the infiltration trenches, the post-development infiltration and evaporation are reduced by 76.06%, which results in a 630.44% increase in runoff.

This section is to explain the Monthly Infiltration Calculation, provided in Appendix E, provided to estimate average daily, monthly, and yearly infiltration volumes to incorporate into our previous water budget calculations, based on daily precipitation data obtained from January 1984 to May 1994 at the Elmira climate station (Climate Identifier – 6142275).

3.1 INFILTRATION CALCULATIONS

The infiltration design parameters determined for the SWM quantity control were used to calculate maximum daily infiltration rates and subdrain storage capacity. Daily flows to the subdrains were calculated based on the historic daily precipitation data, controlled catchment areas directed to the subdrains, and the runoff coefficient C=0.87.

It was conservatively assumed that the precipitation accumulates during freezing months, stored on the surface, and melts during the first above-zero month. Therefore, the infiltration potential reaches the maximum daily infiltration for April 1st only (very conservative approach) and the remaining days in above-zero months are modelled as described above.

The daily infiltration amounts were then sorted by month (only months with the temperature above 0°C), totaled, and divided by the number of years of available data for that month, producing monthly average infiltration volumes and ultimately yearly infiltration volume for use in the water balance calculations.

As per the infiltration calculations provided in Appendix E, the yearly infiltration volume in the proposed subdrains was calculated to be 6,415.98 m^3/year. This yearly infiltration was added to the post-development infiltration volume from the pervious areas, calculated as per modified Table 3.1 of the MECP SWMPDM.

Since this is an industrial subdivision which may contaminate runoff, only runoff from clean sources (such as roofs and landscaped areas) may be infiltrated. It is not feasible for post-development infiltration volumes to match or exceed the pre-development volumes since such large portions of the site may be at risk of contamination. Instead, we have provided the results of the water balance calculations based on the post-development conditions, which reflect the proposed changes in land use and infrastructure, including the incorporation of infiltration trenches.

For the overall subdivision, post-development infiltration was reduced by 79.85% using infiltration trenches, while evapotranspiration was reduced by 87.55%, which is a typical outcome of the conversion of pervious areas to impervious surfaces. Despite these reductions, the post-development runoff increased by 197.15%, as indicated in the summary table.

For the wetland feature, post-development infiltration was reduced by 57.33% using infiltration trenches, while evapotranspiration was reduced by 76.06%, which is a typical outcome of the conversion of pervious areas to impervious surfaces. Despite these reductions, the post-development runoff increased by 621.15%, as indicated in the summary table.

Section 3.3.2 of the Hydrogeological Assessment specifies that existing subsoils are not conducive to significant infiltration/groundwater recharge, and that conventional LID may not be feasible. The northeast and northwest corners of the site were identified as the only potential areas where significant infiltration could occur, however more exploration would be required to determine the suitability of these locations. It is recommended that during each block's detailed design process, the designers attempt to integrate LID's where feasible however should not be obligated to implement LID's where their performance would not meet design requirements.

In conclusion, while the water balance shows a shift in infiltration, evapotranspiration, and runoff between the pre- and post-development scenarios, it is not feasible to match or exceed pre-development infiltration volumes. The calculations provided in this Report offer a comprehensive overview of the proposed water budget under post-development conditions, in alignment with the Region of Waterloo's guidelines and expectations.

4. EROSION AND SEDIMENT CONTROL

The detailed design will include the following considerations:

- Provide extended detention for the 25 mm event with a minimum drawdown time of 24 hours to 48 hours.
- Ensure that there is adequate erosion protection at the site outlet(s) to protect against erosion of the watercourse.
- Erosion and Sediment Control plans for construction works.

5. LIMITATIONS

This Report was prepared by SBM for 1000525725 Ontario Inc., the Township of Woolwich, The Grand River Conservation Authority, and the Region of Waterloo. Use of this Report by any third party, or any reliance upon its findings, is solely the responsibility of that party. SBM accepts no responsibility for damages, if any, suffered by a third party as a result of decisions made or actions undertaken as a result of this Report. Third party use of

this Report, without the express written consent of the Consultant, denies any claims, whether in contract, tort, and/or any other cause of action in law, against the Consultant.

All findings and conclusions presented in this Report are based on information as it appeared during the design period. This Report is not intended to be exhaustive in scope, or to imply a risk-free facility. It should be recognized that the passage of time may alter the designs, opinions, conclusions, and/or recommendations provided herein.

The design was limited to the documents referenced herein. SBM accepts no responsibility for the accuracy of the information provided by others. All designs, opinions, conclusions, and/or recommendations presented in this Report are based on the information available at the time of the review.

This document is deemed to be the intellectual property of SBM in accordance with Canadian copyright law.

6. CLOSURE

We trust this Report meets your satisfaction and current needs. Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

Strik, Baldinelli, Moniz Ltd.
Planning • Civil • Structural • Mechanical • Electrical

Ben Hyland, P.Eng., PMP
Civil Team Lead, Eng IV
Associate I



Rawan Safieddine, M.Eng.
Civil Engineering Trainee II

APPENDIX A

Topographic Survey prepared by SBMG dated January 2025.
Draft Plan of Subdivision prepared by MHBC dated February 20, 2025
"Elmira Drain #1" overall watershed drawing 1, dated November 2020, prepared by GM BluePlan Engineering Limited

NOTES:

1. WITH THE EXCEPTION OF SEWER INVERTS, ALL BURIED SERVICES WERE DERIVED FROM FIELD LOCATES DONE BY OTHERS. ALL UTILITIES SHOWN ARE SPECULATIVE IN NATURE. LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY, AND RELIABLY DEPICTED. THE EXISTENCE OR LOCATION WAS NOT DETERMINED BY THIS SURVEY. ALL SERVICES, IN USE OR ABANDONED, SHOULD BE VERIFIED BY FIELD LOCATES BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.
2. SPOT ELEVATIONS ARE FROZEN ON LAYER "OG-SBMG-XSPHT"
3. SITE BENCHMARKS ESTABLISHED USING RTK, PPP, TOTAL STATION AND THE HTv2.0 GEOID MODEL.
4. CONTRACTOR/CLIENT TO PRACTICE COMMON INDUSTRY ACCEPTED DUE DILIGENCE IN ESTABLISHING VERTICAL CONTROL ON SITE (IE. REFERENCE A MINIMUM OF TWO BENCHMARKS AT ALL TIMES) AND REPORT ANY DISCREPANCIES PRIOR TO ANY AND ALL CONSTRUCTION.
5. SEWER INFORMATION DERIVED FROM SLOPED MEASUREMENTS PERFORMED AT THE SURFACE; STRUCTURES WERE NOT ENTERED.
6. CONTOURS HAVE BEEN CALCULATED USING THE TIN METHOD. INTERPOLATION OF SURVEYED DATA TO PRODUCE SAID DIGITAL ELEVATION MODEL IS RELATIVE TO THE HORIZONTAL RESOLUTION OF THE FIELD WORK. SURFACE THROUGH BUILDINGS HAS BEEN APPROXIMATED.
7. LANDSCAPE INFORMATION PROVIDED AS A COURTESY AND NOT TO BE USED FOR LANDSCAPE PLAN PURPOSES. NO TREE TAGGING OR LANDSCAPE DOCUMENTATION WAS PERFORMED.
8. PIPE SIZES STATED ARE DERIVED FROM SURFACE FIELD MEASUREMENTS; NO WARRANTY AS TO THEIR ACCURACY. CONSERVATIVE (IE. SMALLER) DIAMETERS PROVIDED WHEN INVERTS AND OBVERTS LACK CLARITY.
9. DAYLIGHTING INVERTS CALCULATED BY TAKING THE ELEVATION OF THE OBVERTS AND SUBTRACTING THE PIPE SIZES MEASURED IN THE ADJACENT STRUCTURE. NO GUARANTEE TO THEIR ACCURACY.
10. INTERIOR "FENCES OF CONVENIENCE" NOT SHOWN.
11. NON-BOUNDARY TREES SHOWN WITH A WOODED OUTLINE. TREE INVENTORY INFORMATION NOT SHOWN ON PLAN FOR CLARITY.

TOPOGRAPHIC LEGEND:

- DENOTES EXISTING SPOT ELEVATION
- 217.0 — DENOTES EXISTING CONTOUR ELEVATION
- DENOTES EXISTING CATCH BASIN
- DENOTES EXISTING MAINTENANCE HOLE
- STM — DENOTES EXISTING STORM SEWER LOCATES
- SAN — DENOTES EXISTING SANITARY SEWER LOCATES
- WM — DENOTES EXISTING WATERMAIN LOCATES
- GAS — DENOTES EXISTING GASLINE LOCATES
- HYD — DENOTES EXISTING HYDRO LOCATES
- BELL — DENOTES EXISTING BELL LOCATES
- OHW — DENOTES EXISTING OVERHEAD WIRES
- DENOTES EXISTING FIRE HYDRANT
- DENOTES EXISTING WATER VALVE
- DENOTES EXISTING BUILDING ENTRANCE
- DENOTES EXISTING BUILDING
- DENOTES EXISTING CONIFEROUS TREE
- DENOTES EXISTING DECIDUOUS TREE
- DENOTES EXISTING SHRUB
- DENOTES EXISTING SAPLING
- DENOTES EXISTING HYDRO POLE
- DENOTES EXISTING ANCHOR
- DENOTES EXISTING GATE
- DENOTES EXISTING BOLLARD
- DENOTES EXISTING FIRE DEPARTMENT CONNECTION
- DENOTES EXISTING LAMP STANDARD
- DENOTES EXISTING SITE BENCHMARK
- DENOTES EXISTING FENCE
- DENOTES EXISTING WOODS OUTLINE
- DENOTES EXISTING POLE
- DENOTES EXISTING STUMP
- (G) DENOTES EXISTING GAS METER
- (H) DENOTES EXISTING ELECTRIC METER
- DENOTES EXISTING WATER SERVICE VALVE
- DENOTES EXISTING CULVERT

BENCHMARK:

MONUMENT TYPE: CANSEL CAN-NET NETWORK G.N.S.S. RTK BASE STATION GLP2

LOCATION: GUELPH, ONTARIO

NAD-1983:CSRS:CBNV6-2010.0, ORTHOMETRIC ELEVATION: 315.541m

SITE BENCHMARKS:

BENCHMARK #1:
MONUMENT TYPE: METAL PIN

LOCATION: NORTH OF BUILDINGS, ADJACENT TO FENCE POST

GEODETIC ELEVATION (HTv2.0): 352.28m

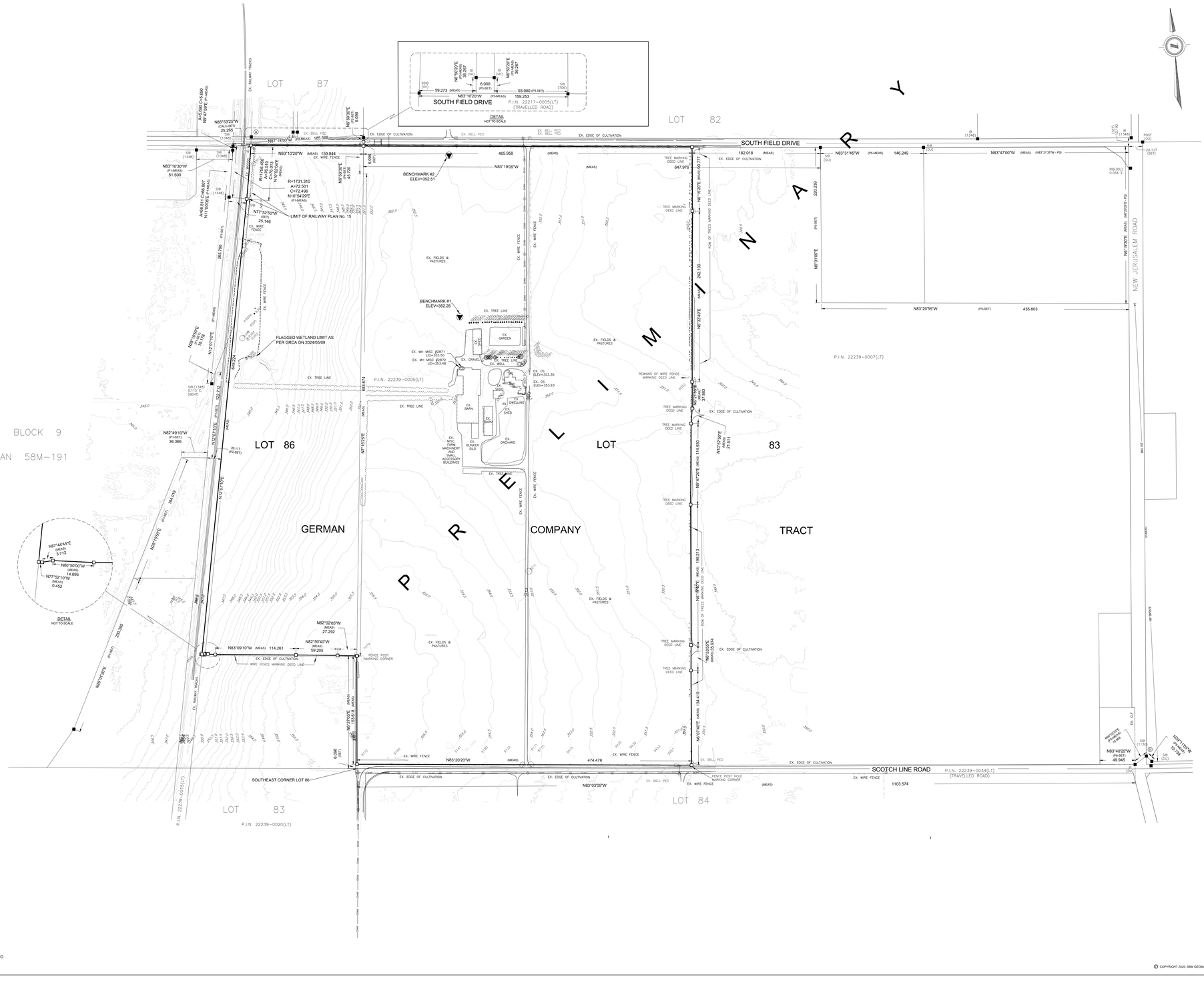
BENCHMARK #2:
MONUMENT TYPE: METAL PIN

LOCATION: NORTH SIDE OF SUBJECT SITE, ADJACENT TO DRIVEWAY

GEODETIC ELEVATION (HTv2.0): 352.51m

METRIC:

DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO INTERNATIONAL FEET BY DIVIDING BY 0.3048



PLAN OF SURVEY SHOWING TOPOGRAPHIC INFORMATION

OF PART OF
LOTS 83 & 86 GERMAN COMPANY TRACT

IN THE
TOWNSHIP OF WOOLWICH
REGIONAL MUNICIPALITY OF WATERLOO

SCALE - 1:2000
20.0 40.0 80.0 120.0m

SBM GEOMATICS LTD
ONTARIO LAND SURVEYORS

LEGEND:

- □ DENOTES SURVEY MONUMENT SET
- ■ DENOTES SURVEY MONUMENT FOUND
- CC DENOTES CUT CROSS
- IB DENOTES IRON BAR
- IP DENOTES IRON PIPE
- OU DENOTES ORIGIN UNKNOWN
- RIB DENOTES 16mm DIAMETER ROUND IRON BAR
- SCP DENOTES SPECIFIED CONTROL POINT
- SIB DENOTES STANDARD IRON BAR
- SSIB DENOTES SHORT STANDARD IRON BAR
- WIT DENOTES WITNESS
- SBM DENOTES SBM GEOMATICS, O.L.S.'s
- 706 DENOTES D. J. HOWE, O.L.S.
- 1114 DENOTES JOHN METZ, O.L.S.
- 1348 DENOTES WAYNE D. TURPEL, O.L.S.
- VH DENOTES VAN HARTEN SURVEYING INC., O.L.S.
- P.I.N. DENOTES PROPERTY IDENTIFIER NUMBER
- R.P. DENOTES REGISTERED PLAN
- R.C.P. DENOTES REGISTERED COMPILED PLAN
- IB DENOTES BURIED
- MEAS DENOTES MEASURED
- SET DENOTES SET
- P1 DENOTES 58M-191
- P2 DENOTES 58R-8265
- P3 DENOTES 58R-21189
- P4 DENOTES RCP 1331
- P5 DENOTES 58R-1531
- P6 DENOTES PLAN BY JOHN METZ, O.L.S., W3-91-2
- N1 DENOTES SURVEY NOTES BY JOHN METZ, O.L.S. (FILE W3-71-2) (OCTOBER 2, 1968).

UTM GRID NOTES:

1) BEARINGS ARE GRID UTM ZONE 17 NAD83 (CSRS) (v7 EPOCH 2010.0). DERIVED FROM G.N.S.S. OBSERVATIONS FROM THE CANSEL CAN-NET RTN AND ARE REFERRED TO THE CENTRAL MERIDIAN 81°00' WEST LONGITUDE, ZONE 17.
2) DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.9995660847.
3) FOR BEARING COMPARISONS, NO ROTATION WAS APPLIED TO 58R-21169 AS THEY MATCHED.

ALL COORDINATES ARE DERIVED FROM G.N.S.S. OBSERVATIONS USING THE CANSEL CAN-NET RTN AND ARE REFERRED TO UTM ZONE 17, NAD83 (CSRS) (v7 EPOCH 2010.0) TO AN URBAN ACCURACY PER SEC. 14(2) OF O.REG 216/10

POINT ID	NORTHING	EASTING
CAN-NET RTN RTK BASE GLP2	4821156.75	556066.79
ORP A	4825678.34	536289.09
ORP B	4824662.29	537450.49

COORDINATES CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN

SURVEYOR'S CERTIFICATE:

I CERTIFY THAT:

(1) THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT AND THE LAND TITLES ACT AND THE REGULATIONS MADE UNDER THEM.

(2) THE SURVEY WAS COMPLETED ON THE 24th DAY OF DECEMBER, 2024.

PRELIMINARY

DATE

GAVIN P.T. SEAMAN
ONTARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER XXXXXXX

sbm GEOMATICS SURVEYING LAND DEVELOPMENT
1599 Adelaide St. N, Unit 203, London, Ontario, N5X 4E8
Tel: (519) 914-1134 Fax: (519) 471-0034

SURVEY BY: JAH/LD	DRAWN BY: JAH/SM	FILE NO : SBMG-23-0095	PLAN NO : SBMG-23-0095PSTS1
COORD: 2024SSRGNSS GROUND - JAH(230095).TXT	CHECKED BY: GS/JAH/LD		PLAN SIZE : ARCH E

© COPYRIGHT 2025, SBM GEOMATICS LTD.

FILE LOCATION: G:\SBM PROJECTS\2023\SBMG-23-0095 1599SSR\CSRS Drawing Files — 1599 South Line Rd, Elmira\All Dwgs & Shots\All Production\SBMG-23-0095 Scotch Line — PTPrint2.dwg PLOT DATE: January 6, 2025

DRAFT PLAN OF SUBDIVISION

Legal Description

PART LOT 83 & 86, G.C.T. WOOLWICH;
AS IN 1267295 (firstly) LYING E OF OF 1288904
TOWNSHIP OF WOOLWICH
REGIONAL MUNICIPALITY OF WATERLOO

Owner's Certificate

I HEREBY AUTHORIZE MACNAUGHTON HERMSEN BRITTON CLARKSON PLANNING LIMITED TO SUBMIT THIS PLAN FOR APPROVAL.

DATE:_____

BERNIE NIMER
1000525725 ONTARIO INC.

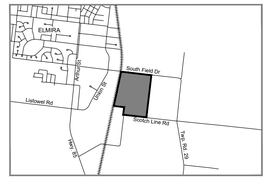
Surveyor's Certificate

I HEREBY CERTIFY THAT THE BOUNDARIES OF THE LAND TO BE SUBDIVIDED ON THIS PLAN AND THEIR RELATIONSHIP TO THE ADJACENT LANDS ARE ACCURATELY AND CORRECTLY SHOWN.

DATE:_____

GAVIN P.T. SEAMAN, OLS
SBM GEOMATICS LTD.

Key Plan



Subject Lands

north

SCALE: NTS

Source: Region of Waterloo SLRN

Additional Information Required Under Section 51(17) of the Planning Act R.S.O. 1990, c.P.13 as Amended

A. AS SHOWN	B. AS SHOWN	C. AS SHOWN
D. INDUSTRIAL	E. AS SHOWN	F. AS SHOWN
G. AS SHOWN	H. MUNICIPAL WATER SUPPLY	I. LOAM
J. AS SHOWN	K. ALL SERVICES AS REQUIRED	L. AS SHOWN

Area Schedule

30T-____

DESCRIPTION	BLOCKS	AREA (ha)
Industrial	1-11	36.499
Stormwater Mgmt	12	1.554
Pumping Station	13	0.039
Open Space	14	6.173
Future Development	15-17	3.892
Road Widening	18-28	2.148
0.3m Reserve	29-37	0.030
Roads		4.594
TOTAL	**37**	**54.928**

Notes

- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SHOWN
- SITE BOUNDARY, TOPOGRAPHIC BASE PLAN AND WETLAND INFORMATION PREPARED BY SBM GEOMATICS LTD. (MAY 5, 2024)
- CONTOURS, REGION OF WATERLOO (2014)
- REGULATION LIMIT AND FLOODPLAIN (GRCA, 2024)

Revision No.	Date	Issued / Revision	By

MHBC PLANNING URBAN DESIGN & LANDSCAPE ARCHITECTURE
200-540 BINGEMANS CENTRE DR. KITCHENER, ON. N2B 3X9 | P: 519.576.3650 F: 519.576.0121 | WWW.MHBCPLAN.COM

Approval Stamp

Date	Feb. 20, 2025
File No.	2388A
Plan Scale	1:1,500
Drawn By	CAC
Checked By	PC

Applicant

1000525725 Ontario Inc.
1665 Scotch Line Rd
Elmira, Ontario

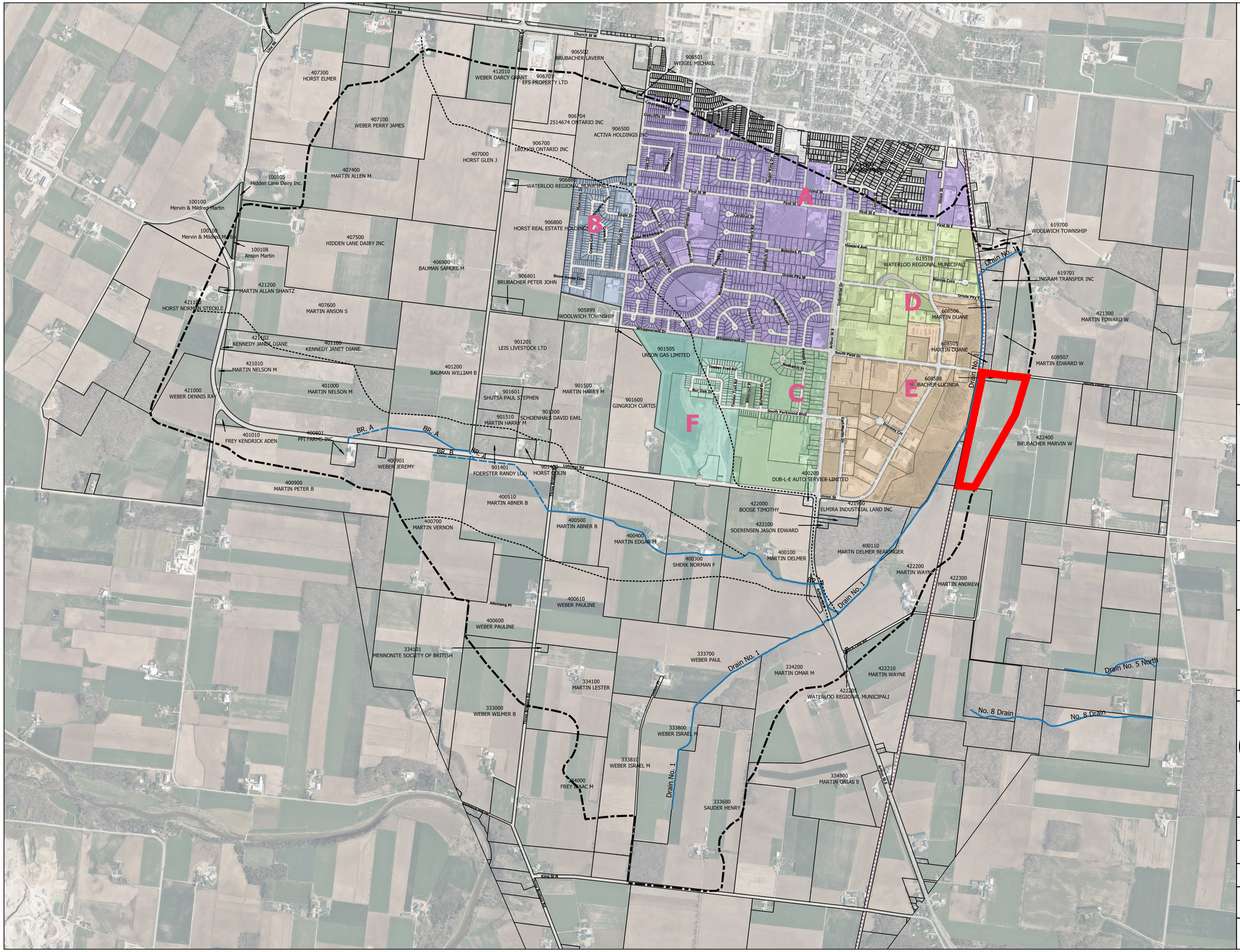
north

File Name **DRAFT PLAN**

Dwg No. 1 of 1

Scale Bar 0 10 25 50 75 100 125 150m

K:\2388A-1665 Scotch Line Rd-Elmira\DP\DraftPlan_20Feb2025.dwg



N

WOOLWICH TOWNSHIP

Legend

- Drain 1 Catchment
- Drain 1 Sub-Catchment

Block Assessments

- Block A
- Block B
- Block C
- Block D
- Block E
- Block F

Municipal Drain

- Closed Drain
- Open Drain
- Rail

150 0 150 300 450 m

BENCH MARKS:

THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRAT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.

NO.	MM/DD/	REVISION DESCRIPTION	CHKD
		FOR FINAL REPORT	

BluePlan ENGINEERING

GUELPH | OWEN SOUND | LISTOWEL | KITCHENER | LONDON | HAMILTON | GTA
975 WALLACE AVENUE NORTH, LISTOWEL, ON N4W 1M6

ELMIRA DRAIN #1

TOWNSHIP OF WOOLWICH

Overall Watershed

DRAWN BY:	APPROVED BY:	PROJECT NO.	DRAWING NO:
		316045	1
DESIGNED BY:	DATE:	SCALE:	
MA	November, 2020	1:15,000	

APPENDIX B

Tables A.4, A.5, & A.6 of the EPASWMM 5.1 manual
Wet Pond Staged Storage Table
IDF to Chicago Conversion Using MIDDUS
Chicago 3 Hour Design Storm Hyetograph Tables
SWM Calculations

A.4 SCS Curve Numbers[1]

Land Use Description	Hydrologic Soil Group			
	A	B	C	D
Cultivated land				
Without conservation treatment	72	81	88	91
With conservation treatment	62	71	78	81
Pasture or range land				
Poor condition	68	79	86	89
Good condition	39	61	74	80
Meadow				
Good condition	30	58	71	78
Wood or forest land				
Thin stand, poor cover, no mulch	45	66	77	83
Good cover[2]	25	55	70	77
Open spaces, lawns, parks, golf courses, cemeteries, etc.				
Good condition: grass cover on 75% or more of the area	39	61	74	80
Fair condition: grass cover on 50-75% of the area	49	69	79	84
Commercial and business areas (85% impervious)	89	92	94	95
Industrial districts (72% impervious)	81	88	91	93
Residential[3]				
Average lot size (% Impervious[4])				
1/8 ac or less (65)	77	85	90	92
1/4 ac (38)	61	75	83	87
1/3 ac (30)	57	72	81	86
1/2 ac (25)	54	70	80	85
1 ac (20)	51	68	79	84
Paved parking lots, roofs, driveways, etc.[5]	98	98	98	98
Streets and roads				
Paved with curbs and storm sewers[5]	98	98	98	98
Gravel	76	85	89	91
Dirt	72	82	87	89

Source*: SCS Urban Hydrology for Small Watersheds*, 2nd Ed., (TR-55), June 1986.

Footnotes:

1. Antecedent moisture condition II.
2. Good cover is protected from grazing and litter and brush cover soil.

3. Curve numbers are computed assuming that the runoff from the house and driveway is directed toward the street with a minimum of roof water directed to lawns where additional infiltration could occur.
4. The remaining pervious areas (lawn) are considered to be in good pasture condition for these curve numbers.
5. In some warmer climates of the country a curve number of 95 may be used.

A.5 Depression Storage

Impervious surfaces	0.05 - 0.10 inches
Lawns	0.10 - 0.20 inches
Pasture	0.20 inches
Forest litter	0.30 inches

Source: ASCE, (1992). *Design & Construction of Urban Stormwater Management Systems,* New York, NY.

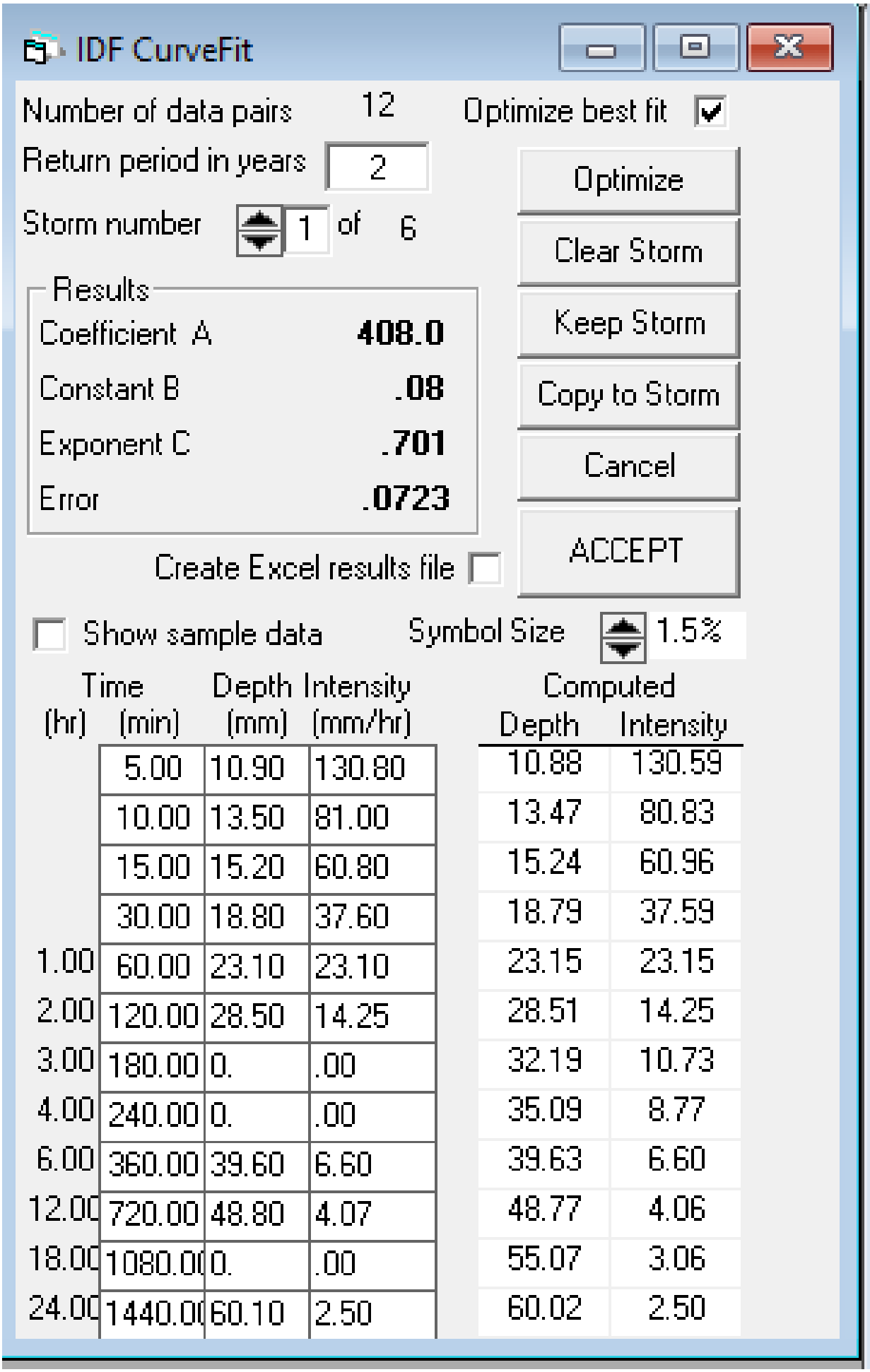
A.6 Manning's n – Overland Flow

Surface	n
Smooth asphalt	0.011
Smooth concrete	0.012
Ordinary concrete lining	0.013
Good wood	0.014
Brick with cement mortar	0.014
Vitrified clay	0.015
Cast iron	0.015
Corrugated metal pipes	0.024
Cement rubble surface	0.024
Fallow soils (no residue)	0.05
Cultivated soils	
Residue cover < 20%	0.06
Residue cover > 20%	0.17
Range (natural)	0.13
Grass	
Short, prairie	0.15
Dense	0.24
Bermuda grass	0.41
Woods	
Light underbrush	0.40
Dense underbrush	0.80

Source: McCuen, R. et al. (1996), *Hydrology*, FHWA-SA-96-067, Federal Highway Administration, Washington, DC

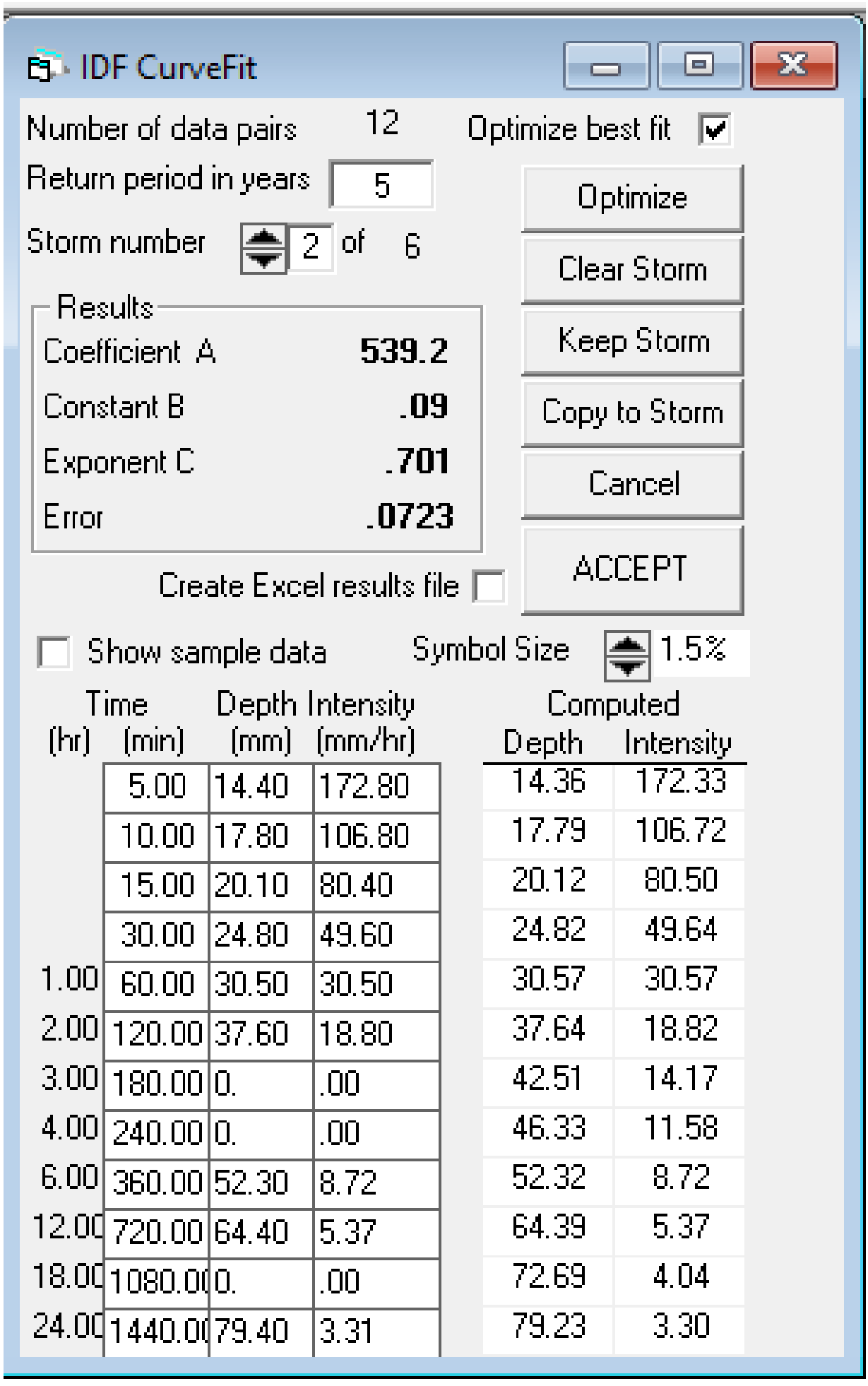
STAGE STORAGE TABLE						
ELEV	AREA (sq. m)	DEPTH (m)	AVG END INC. VOL (cu. m)	AVG END TOTAL VOL (cu. m)	CONIC INC. VOL (cu. m)	CONIC TOTAL VOL (cu. m)
647.0	7812	N/A	N/A	0	N/A	0
647.1	7698.8	0.10	76.72	76.72	76.72	76.72
647.2	7758.6	0.10	77.03	153.76	77.03	153.76
647.3	7759.2	0.10	77.39	231.14	77.39	231.14
647.4	7744.1	0.10	77.44	308.62	77.44	308.62
647.5	7833.8	0.10	79	387.62	79	387.62
647.6	7847	0.10	78.32	465.94	78.32	465.94
647.7	7879.4	0.10	78.64	544.58	78.64	544.58
647.8	7941.6	0.10	79.06	623.7	79.06	623.7
647.9	7938.4	0.10	79.21	703.01	79.23	702.93
647.0	7975.3	0.10	79.56	791.6	79.56	791.6
647.1	8007.4	0.10	79.91	861.16	79.91	861.16
647.2	8039.2	0.10	80.23	941.75	80.23	941.75
647.3	8073.2	0.10	80.53	1022.1	80.59	1022.1
647.4	8143.2	0.10	80.97	1103.16	80.97	1103.16
647.5	8135.2	0.10	81.13	1184.17	81.13	1184.17
647.6	8197.1	0.10	81.11	1265.86	81.11	1265.86
647.7	8196.4	0.10	81.63	1347.72	81.63	1347.72
647.8	8233.1	0.10	82.13	1429.67	82.11	1429.67
647.9	8250.6	0.10	82.28	1512.19	82.28	1512.19
647.0	8289.7	0.10	82.8	1595.16	82.8	1595.16
647.1	8347.2	0.10	83.13	1678.76	83.13	1678.76
647.2	8346.1	0.10	83.46	1762.1	83.44	1762.1
647.3	8408.3	0.10	83.77	1845.87	83.77	1845.87
647.4	8418.1	0.10	84.08	1929.52	84.08	1929.52
647.5	8436.7	0.10	84.41	2013.93	84.41	2013.93
647.6	8498.9	0.10	84.73	2098.66	84.73	2098.66
647.7	8521.5	0.10	85.05	2183.72	85.05	2183.72
647.8	8573.6	0.10	85.37	2269.1	85.37	2269.1
647.9	8585.9	0.10	85.7	2354.81	85.7	2354.81
647.0	8618.8	0.10	86.02	2440.83	86.02	2440.83
647.1	8680.7	0.10	86.35	2527.18	86.35	2527.17
647.2	8680.7	0.10	86.67	2613.84	86.67	2613.84
647.3	8745.2	0.10	86.99	2700.83	86.99	2700.83
647.4	8737.8	0.10	87.32	2788.15	87.32	2788.15
647.5	8786.2	0.10	87.64	2875.8	87.64	2875.8
647.6	8810.4	0.10	87.97	2963.76	87.97	2963.76
647.7	8845.4	0.10	88.28	3052.05	88.28	3052.05
647.8	8877.4	0.10	88.62	3140.67	88.62	3140.67
647.9	8910.4	0.10	88.94	3229.61	88.94	3229.61
647.0	8942.6	0.10	89.27	3318.88	89.27	3318.88
647.1	8976.4	0.10	89.59	3408.48	89.59	3408.47
647.2	9008.2	0.10	89.92	3498.4	89.92	3498.39
647.3	9040	0.10	90.23	3588.64	90.23	3588.64
647.4	9073.7	0.10	90.57	3679.21	90.57	3679.21
647.5	9106.2	0.10	90.9	3770.12	90.9	3770.11
647.6	9138.2	0.10	91.22	3861.34	91.22	3861.34
647.7	9171.8	0.10	91.55	3952.89	91.55	3952.89
647.8	9205.4	0.10	91.88	4044.77	91.88	4044.77
647.9	9237.1	0.10	92.21	4136.98	92.21	4136.98
650	9269.6	0.10	92.54	4229.52	92.52	4229.5
650.1	9302.7	0.10	92.86	4322.38	92.86	4322.36
650.2	9335.6	0.10	93.19	4415.57	93.19	4415.55
650.3	9368.2	0.10	93.52	4509.09	93.52	4509.08
650.4	9401	0.10	93.85	4602.94	93.85	4602.94
650.5	9434.4	0.10	94.18	4697.12	94.18	4697.12
650.6	9467.1	0.10	94.51	4791.63	94.51	4791.63
650.7	9500.6	0.10	94.84	4886.48	94.84	4886.48
650.8	9533.2	0.10	95.17	4981.65	95.17	4981.65
650.9	9566.8	0.10	95.49	5077.15	95.49	5077.14
651	9598.9	0.10	95.83	5172.98	95.83	5172.98
651.1	9630.4	0.10	96.1	5269.14	96.1	5269.14
651.2	9662.1	0.10	96.31	5365.36	96.21	5365.35
651.3	9692.5	0.10	96.51	5461.86	96.51	5461.86
651.4	9685.1	0.10	96.74	5558.6	96.79	5558.65
651.5	9736.6	0.10	96.96	5655.56	96.96	5655.61
651.6	9736.1	0.10	97.17	5752.78	97.17	5752.78
651.7	9746.7	0.10	97.36	5850.15	97.38	5850.16
651.8	9773.2	0.10	97.6	5947.75	97.6	5947.76
651.9	8750.8	0.10	97.82	6045.58	97.82	6045.57
652.0	9832.2	0.10	98.04	6143.62	98.04	6143.61
652.1	9837.2	0.10	98.25	6241.87	98.25	6241.86
652.2	9837.4	0.10	98.47	6340.33	98.47	6340.33
652.3	9860.6	0.10	98.69	6439.02	98.69	6439.02
652.4	9900.6	0.10	98.9	6537.92	98.9	6537.92
652.5	9923	0.10	99.11	6637.03	99.11	6637.03
652.6	9943.7	0.10	99.32	6736.35	99.32	6736.35
652.7	9980	0.10	99.53	6835.9	99.55	6835.9
652.8	9986.9	0.10	99.74	6935.64	99.74	6935.64
652.9	10008	0.10	99.99	7035.63	99.99	7035.64
653	10028.2	0.10	100.19	7135.82	100.19	7135.83
653.1	10031.8	0.10	100.41	7236.24	100.41	7236.24
653.2	10072.4	0.10	100.62	7336.87	100.62	7336.87
653.3	10094	0.10	100.83	7437.71	100.84	7437.71
653.4	10136.7	0.10	101.04	7538.75	101.04	7538.75
653.5	10138.3	0.10	101.26	7640.01	101.26	7640.01
653.6	10160.6	0.10	101.46	7741.48	101.46	7741.48
653.7	10181	0.10	101.71	7843.19	101.71	7843.19
653.8	10202.5	0.10	101.93	7945.13	101.93	7945.12
653.9	10225.6	0.10	102.13	8047.26	102.13	8047.25
654.0	10236.7	0.10	102.34	8149.61	102.34	8149.61
654.1	10268	0.10	102.58	8252.19	102.58	8252.19
654.2	10286.4	0.10	102.79	8354.98	102.79	8354.98
654.3	10321.7	0.10	103.01	8458.01	103.01	8458.01
654.4	10330.8	0.10	103.23	8561.24	103.23	8561.24
654.5	10376.1	0.10	103.44	8664.7	103.44	8664.7
654.6	10378.4	0.10	103.66	8768.36	103.66	8768.36
654.7	10398.9	0.10	103.88	8872.24	103.88	8872.24
654.8	10419.6	0.10	104.1	8976.34	104.1	8976.34
654.9	10462.1	0.10	104.32	9080.66	104.32	9080.66
655	10460.6	0.10	104.53	9185.2	104.53	9185.19
655.1	10466.9	0.10	104.65	9289.85	104.65	9289.84
655.2	10483.8	0.10	104.75	9394.6	104.75	9394.59
655.3	10519.4	0.10	104.97	9499.57	104.97	9499.56
655.4	10719	0.10	107.13	9611.43	107.13	9611.43
655.5	10738.2	0.10	107.27	9718.7	107.27	9718.69
655.6	10756.4	0.10	107.47	9826.4	107.47	9826.4
655.7	10773.4	0.10	107.64	9934.04	107.64	9934.03
655.8	10790.7	0.10	107.82	10041.9	107.84	10041.89
655.9	10830.8	0.10	108.03	10149.91	108.03	10149.91
656	10839.9	0.10	108.2	10258.1	108.2	10258.11
656.1	10857.2	0.10	108.39	10366.5	108.39	10366.49
656.2	10885.4	0.10	108.58	10475.08	108.58	10475.07
656.3	10893.6	0.10	108.79	10583.87	108.79	10583.87
656.4	10921.6	0.10	108.93	10692.8	108.93	10692.8
656.5	10938.6	0.10	109.11	10801.91	109.11	10801.91
656.6	10936.2	0.10	109.29	10911.21	109.29	10911.2
656.7	10966.4	0.10	109.47	11020.68	109.47	11020.67
656.8	10974.6	0.10	109.64	11130.32	109.64	11130.32
656.9	10992.8	0.10	109.84	11240.16	109.84	11240.16
657	11011	0.10	110.03	11350.19	110.03	11350.19
657.1	11027.2	0.10	110	11460.19	110	11460.19
657.2	11047.8	0.10	110.38	11570.57	110.38	11570.57
657.3	11066.4	0.10	110.57	11681.14	110.57	11681.14
657.4	11084.6	0.10	110.75	11791.89	110.75	11791.89
657.5	11102.5	0.10	110.93	11902.82	110.93	11902.82
657.6	11139.6	0.10	111.13	12013.95	111.13	12013.95
657.7	11138.8	0.10	111.3	12125.25	111.3	12125.25
657.8	11157.1	0.10	111.48	12236.73	111.48	12236.73
657.9	11175.4	0.10	111.66	12348.39	111.66	12348.39
658.0	11193.3	0.10	111.83	12460.22	111.83	12460.22
658.1	11210.8	0.10	112.02	12572.24	112.02	12572.24
658.2	11230.7	0.10	112.21	12684.44	112.21	12684.44
658.3	11248.8	0.10	112.4	12796.84	112.4	12796.84
658.4	11266	0.10	112.59	12909.43	112.59	12909.43
658.5	11285.3	0.10	112.76	13022.19	112.76	13022.19
658.6	11303.4	0.10	112.94	13135.13	112.94	13135.13
658.7	11322.6	0.10	113.13	13248.26	113.13	13248.26
658.8	11340.8	0.10	113.31	13361.57	113.31	13361.57
658.9	11359.3	0.10	113.5	13475.07	113.5	13475.07
659	11377.5	0.10	113.68	13588.75	113.68	13588.75
659.1	11396.2	0.10	113.86	13702.61	113.86	13702.61
659.2	11413.4	0.10	114.05	13816.66	114.05	13816.66
659.3	11432.1	0.10	114.23	13930.9	114.23	13930.9
659.4	11450.3	0.10	114.41	14045.31	114.41	14045.31
659.5	11469.2	0.10	114.6	14159.91	114.6	14159.91
659.6	11487.4	0.10	114.78	14274.69	114.78	14274.69
659.7	11505.7	0.10	114.97	14389.66	114.97	14389.66
659.8	11524.2	0.10	115.14	14504.8	115.14	14504.8
659.9	11542.4	0.10	115.33	14620.13	115.33	14620.13
660	11561.2	0.10	115.52	14735.65	115.52	14735.65
660.1	11579.4	0.10	115.7	14851.35	115.7	14851.35
660.2	11597.9	0.10	115.89	14967.24	115.89	14967.24
660.3	11616.3	0.10	116.07	15083.31	116.07	15083.31
660.4	11634.7	0.10	116.26	15199.57	116.26	15199.57
660.5	11653.2	0.10	116.45	15316.02	116.45	15316.02
660.6	11671.7	0.10	116.62	15432.64	116.62	15432.64
660.7	11690.1	0.10	116.81	15549.45	116.81	15549.45
660.8	11708.8	0.10	116.99	15666.44	116.99	15666.44
660.9	11727.3	0.10	117.18	15783.62	117.18	15783.62
661	11745.6	0.10	117.36	15900.98	117.36	15901.1
661.1	11764.1	0.10	117.55	16018.53	117.55	16018.66
661.2	11782.6	0.10	117.73	16136.26	117.73	16136.4
661.3	11801.1	0.10	117.92	16254.18	117.92	16254.32
661.4	11819.6	0.10	118.1	16372.28	118.1	16372.42
661.5	11838.1	0.10	118.29	16490.57	118.29	16490.71
661.6	11856.7	0.10	118.47	16609.04	118.47	16609.18
661.7	11875.2	0.10	118.66	16727.69	118.66	16727.84
661.8	11893.7	0.10	118.85	16846.54	118.85	16846.69
661.9	11912.3	0.10	119.03	16965.57	119.03	16965.72
662.0	11930.8	0.10	119.22	17084.79	119.22	17084.94
662.1	11949.4	0.10	119.4	17204.19	119.4	17204.34
662.2	11968.1	0.10	119.59	17323.78	119.59	17323.93
662.3	11986.7	0.10	119.77	17443.55	119.77	17443.7
662.4	12005.3	0.10	119.96	17563.51	119.96	17563.66
662.5	12023.9	0.10	120.14	17683.65	120.14	17683.8
662.6	12042.5	0.10	120.33	17803.98	120.33	17804.13
662.7	12061.2	0.10	120.52	17924.5	120.52	17924.65
662.8	12079.8	0.10	120.7	18045.2	120.7	18045.35
662.9	12098.5	0.10	120.89	18166.09	120.89	18166.24
663.0	12117.2	0.10	121.07	18287.16	121.07	18287.31
663.1	12135.8	0.10	121.26	18408.42	121.26	18408.58
663.2	12154.7	0.10	121.43	18529.85	121.43	18530.01
663.3	12173.3	0.10	121.62	18651.48	121.62	18651.63
663.4	12192.1	0.10	121.81	18773.29	121.81	18773.44
663.5	12210.8	0.10	122.01	18895.29	122.01	18895.45
663.6	12229.6	0.10	122.19	19017.48	122.19	19017.64
663.7	12247.9	0.10	122.38	19139.87	122.38	19140.02
663.8	12266.7	0.10	122.57	19262.44	122.57	19262.59
663.9	12284.9	0.10	122.75	19385.19	122.75	19385.35
664.0	12303.8	0.10	122.94	19508.13	122.94	19508.3
664.1	12322.7	0.10	123.13	19631.26	123.13	19631.43
664.2	12340.7	0.10	123.31	19754.57	123.31	19754.74
664.3	12359.6	0.10	123.5	19878.07	123.5	19878.24
664.4	12378.5	0.10	123.69	20001.76	123.69	20001.93
664.5	12396.9	0.10	123.88	20125.63	123.88	20125.81
664.6	12415.8	0.10	124.06	20249.69	124.06	20249.87
664.7	12434.7	0.10	124.25	20373.94	124.25	20374.12
664.8	12453.6	0.10	124.44	20498.38	124.44	20498.56
664.9	12472.6	0.10	124.63	20623.01	124.63	20623.19
665	12490.6	0.10	124.81	20747.82	124.81	20748.01
665.1	12509.6	0.10	125	20872.82	125	20873.01
665.2	12528.6	0.10	125.19	20998.01	125.19	20998.2
665.3	12547.6	0.10	125.38	21123.39	125.38	21123.58
665.4	12566.6	0.10	125.58	21248.97	125.58	21249.16
665.5	12585.6	0.10	125.77	21374.74	125.77	21374.93
665.6	12605.6	0.10	125.94	21500.68	125.94	21500.87
665.7	12624.7	0.10	126.13	21626.81	126.13	21627.01
665.8	12643.7	0.10	126.32	21753.13	126.32	21753.33
665.9	12662.8	0.10	126.51	21879.64	126.51	21879.84
666	12681.8	0.10	126.69	22006.33	126.69	22006.53
666.1	12700.7	0.10	126.88	22133.21	126.88	22133.41
666.2	12719.8	0.10	127.07	22260.28	127.07	22260.48
666.3	12739.4	0.10	127.26	22387.54	127.26	22387.74
666.4	12754.4	0.10	127.43	22514.97	127.43	22515.17
666.5	12773.5	0.10	127.62	22642.59	127.62	22642.79
666.6	12792.7	0.10	127.81	22770.4	127.81	22770.61
666.7	12811.9	0.10	128.02	22898.42	128.02	22898.63
666.8	12831	0.10	128.21	23026.63	128.21	23026.83
666.9	12849.8	0.10	128.4	23155.03	128.4	23155.23
667.0	12869	0.10	128.59	23283.62	128.59	23283.83
667.1	12888.2	0.10	128.77	23412.4	128.77	23412.61
667.2	12907.3	0.10	128.96	23541.36	128.96	23541.57
667.3	12926.4	0.10	129.15	23670.51	129.15	23670.72
667.4	12945.6	0.10	129.34	23799.85	129.34	23800.06
667.5	12962.9	0.10	129.53	23929.38	129.53	23929.59
667.6	12983.3	0.10	129.72	24059.1	129.72	24059.31
667.7	13002.5	0.10	129.91	24189.01	129.91	24189.23
667.8	13020.5	0.10	130.1	24319.11	130.1	24319.33
667.9	13039.8	0.10	130.29	24449.4	130.29	24449.62
668.0	13058.4	0.10	130.48	24579.88	130.48	24580.11
668.1	13077.7	0.10	130.68	24710.56	130.68	24710.79
668.2	13096.7	0.10	130.87	24841.44	130.87	24841.66
668.3	13115.9	0.10	131.06	24972.5	131.06	24972.73
668.4	13135.2	0.10	131.25	25103.75	131.25	25103.98
668.5	13153.3	0.10	131.44	25235.19	131.44	25235.42
668.6	13172.7	0.10	131.63	25366.82	131.63	25367.05
668.7	13191.9	0.10	131.82	25498.64	131.82	25498.87
668.8	13210.7	0.10	132.01	25630.65	132.01	25630.87
668.9	13229.8	0.10	132.2	25762.85	132.2	25763.07
669.0	13249.2	0.10	132.39	25895.24	132.39	25895.46
669.1	13268	0.10	132.58	26027.82	132.58	26028.04
669.2	13287.3	0.10	132.77	26160.59	132.77	26160.81
669.3	13306.4	0.10	132.96	26293.55	132.96	26293.77
669.4	13325.6	0.10	133.15	26426.7	133.15	26426.92
669.5	13344.8	0.10	133.34	26560.04	133.34	26560.26
669.6	13364.1	0.10	133.53	26693.57	133.53	26693.79
669.7	13383.3	0.10	133.72	26827.29	133.72	26827.51
669.8	13402.5	0.10	133.91	26961.2	133.91	26961.42
669.9	13421.7	0.10	134.1	27095.3	134.1	27095.52
670.0	13440.9	0.10	134.29	27229.59	134.29	27229.81

2-YEAR STORM EVENT - A, B, C PARAMETERS



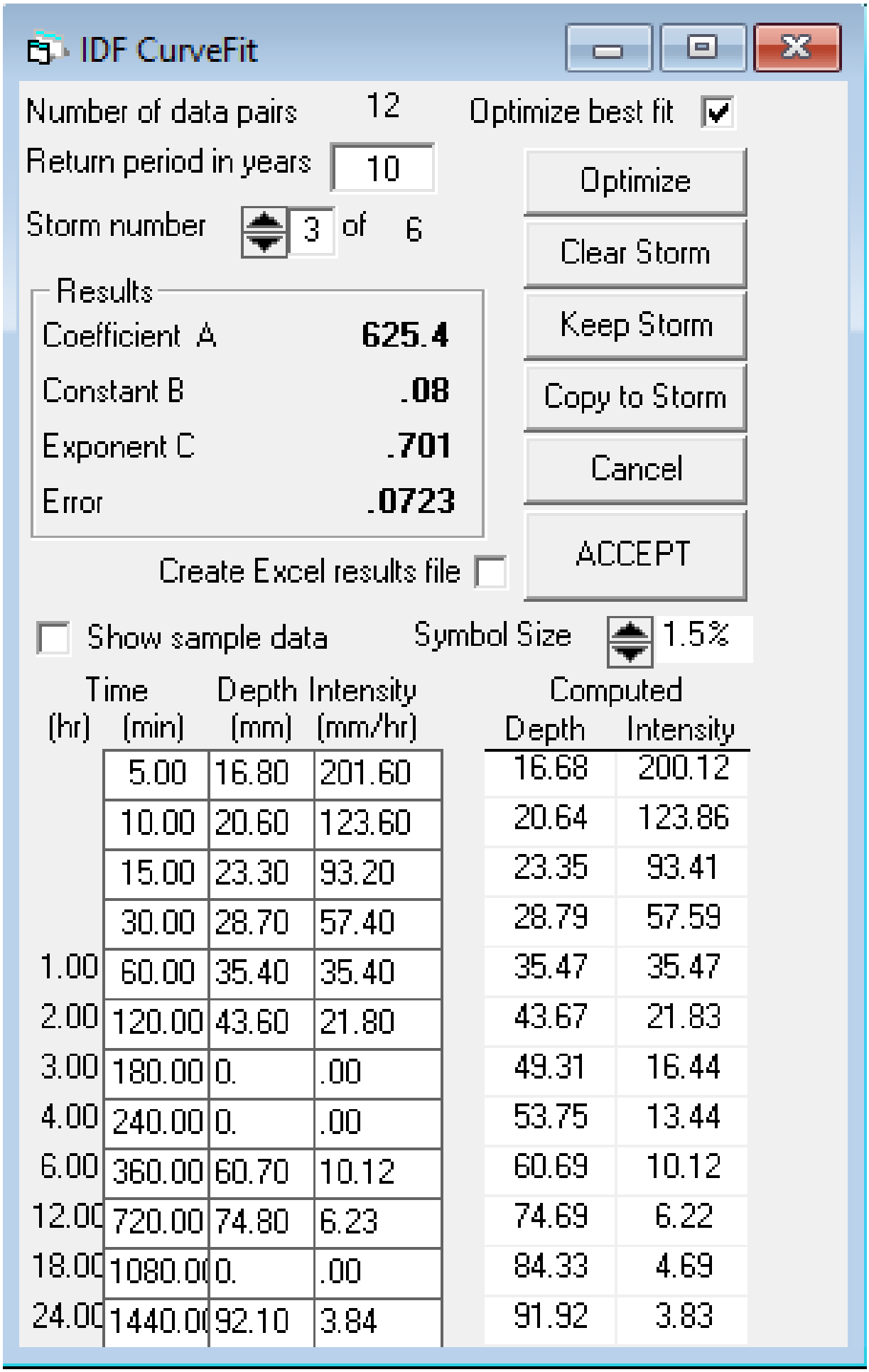
Time (hr)	Time (min)	Depth (mm)	Intensity (mm/hr)	Computed Depth	Computed Intensity
	5.00	10.90	130.80	10.88	130.59
	10.00	13.50	81.00	13.47	80.83
	15.00	15.20	60.80	15.24	60.96
	30.00	18.80	37.60	18.79	37.59
1.00	60.00	23.10	23.10	23.15	23.15
2.00	120.00	28.50	14.25	28.51	14.25
3.00	180.00	0.	.00	32.19	10.73
4.00	240.00	0.	.00	35.09	8.77
6.00	360.00	39.60	6.60	39.63	6.60
12.00	720.00	48.80	4.07	48.77	4.06
18.00	1080.00	0.	.00	55.07	3.06
24.00	1440.00	60.10	2.50	60.02	2.50

5-YEAR STORM EVENT - A, B, C PARAMETERS



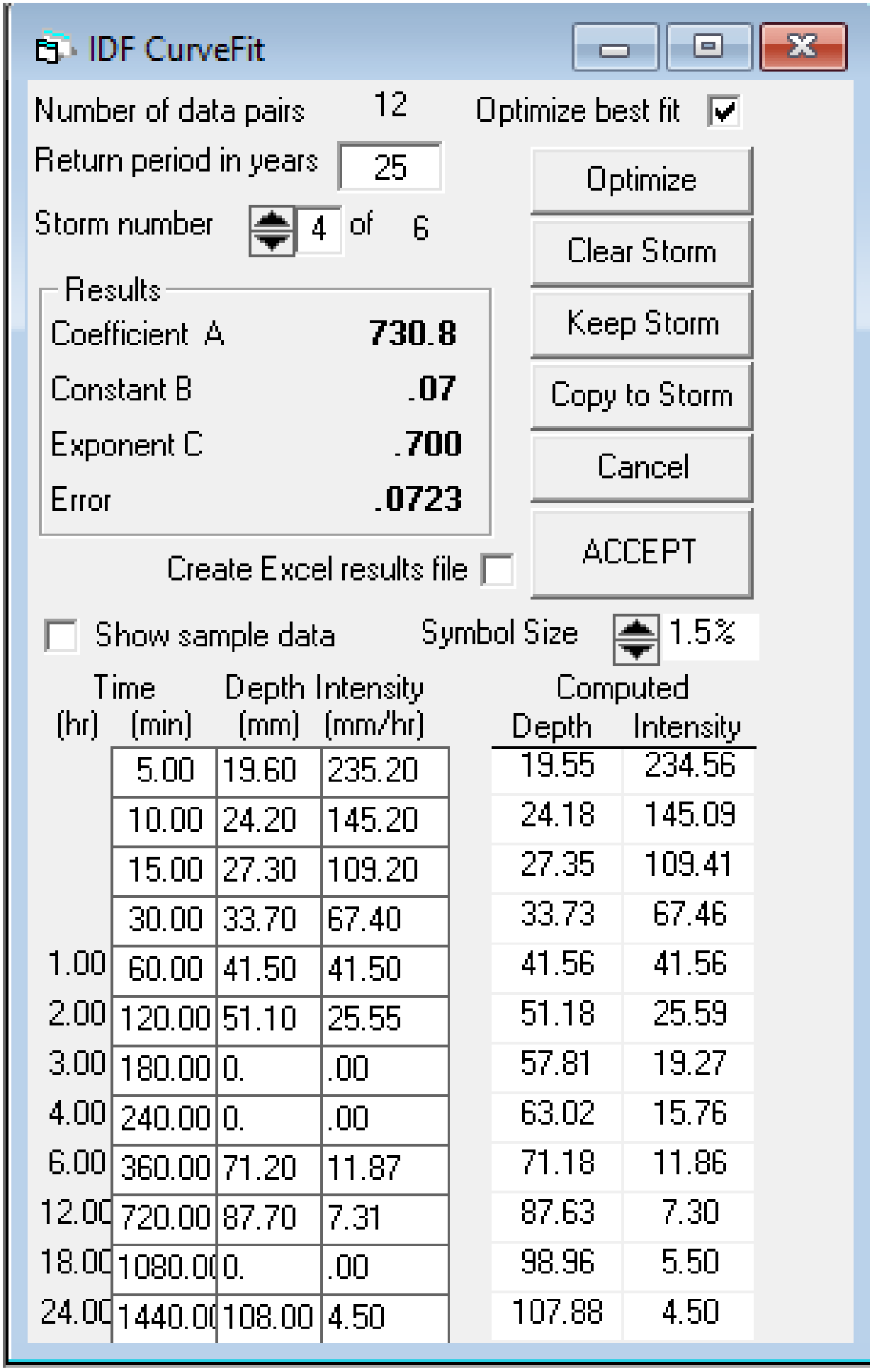
Time (hr)	Time (min)	Depth (mm)	Intensity (mm/hr)	Computed Depth	Computed Intensity
	5.00	14.40	172.80	14.36	172.33
	10.00	17.80	106.80	17.79	106.72
	15.00	20.10	80.40	20.12	80.50
	30.00	24.80	49.60	24.82	49.64
1.00	60.00	30.50	30.50	30.57	30.57
2.00	120.00	37.60	18.80	37.64	18.82
3.00	180.00	0.	.00	42.51	14.17
4.00	240.00	0.	.00	46.33	11.58
6.00	360.00	52.30	8.72	52.32	8.72
12.00	720.00	64.40	5.37	64.39	5.37
18.00	1080.00	0.	.00	72.69	4.04
24.00	1440.00	79.40	3.31	79.23	3.30

10-YEAR STORM EVENT - A, B, C PARAMETERS



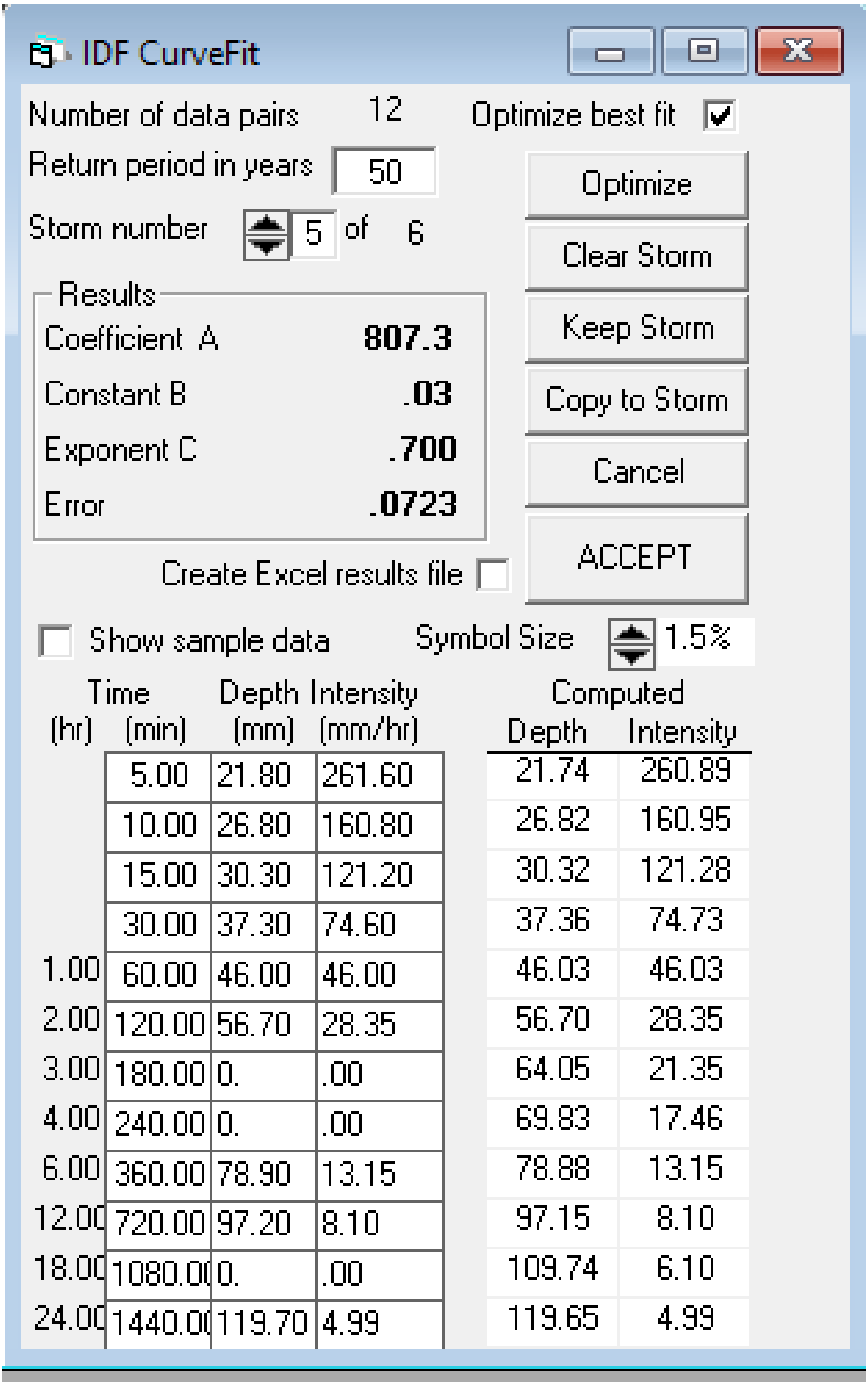
Time (hr)	Time (min)	Depth (mm)	Intensity (mm/hr)	Computed Depth	Computed Intensity
	5.00	16.80	201.60	16.68	200.12
	10.00	20.60	123.60	20.64	123.86
	15.00	23.30	93.20	23.35	93.41
	30.00	28.70	57.40	28.79	57.59
1.00	60.00	35.40	35.40	35.47	35.47
2.00	120.00	43.60	21.80	43.67	21.83
3.00	180.00	0.	.00	49.31	16.44
4.00	240.00	0.	.00	53.75	13.44
6.00	360.00	60.70	10.12	60.69	10.12
12.00	720.00	74.80	6.23	74.69	6.22
18.00	1080.00	0.	.00	84.33	4.69
24.00	1440.00	92.10	3.84	91.92	3.83

25-YEAR STORM EVENT - A, B, C PARAMETERS



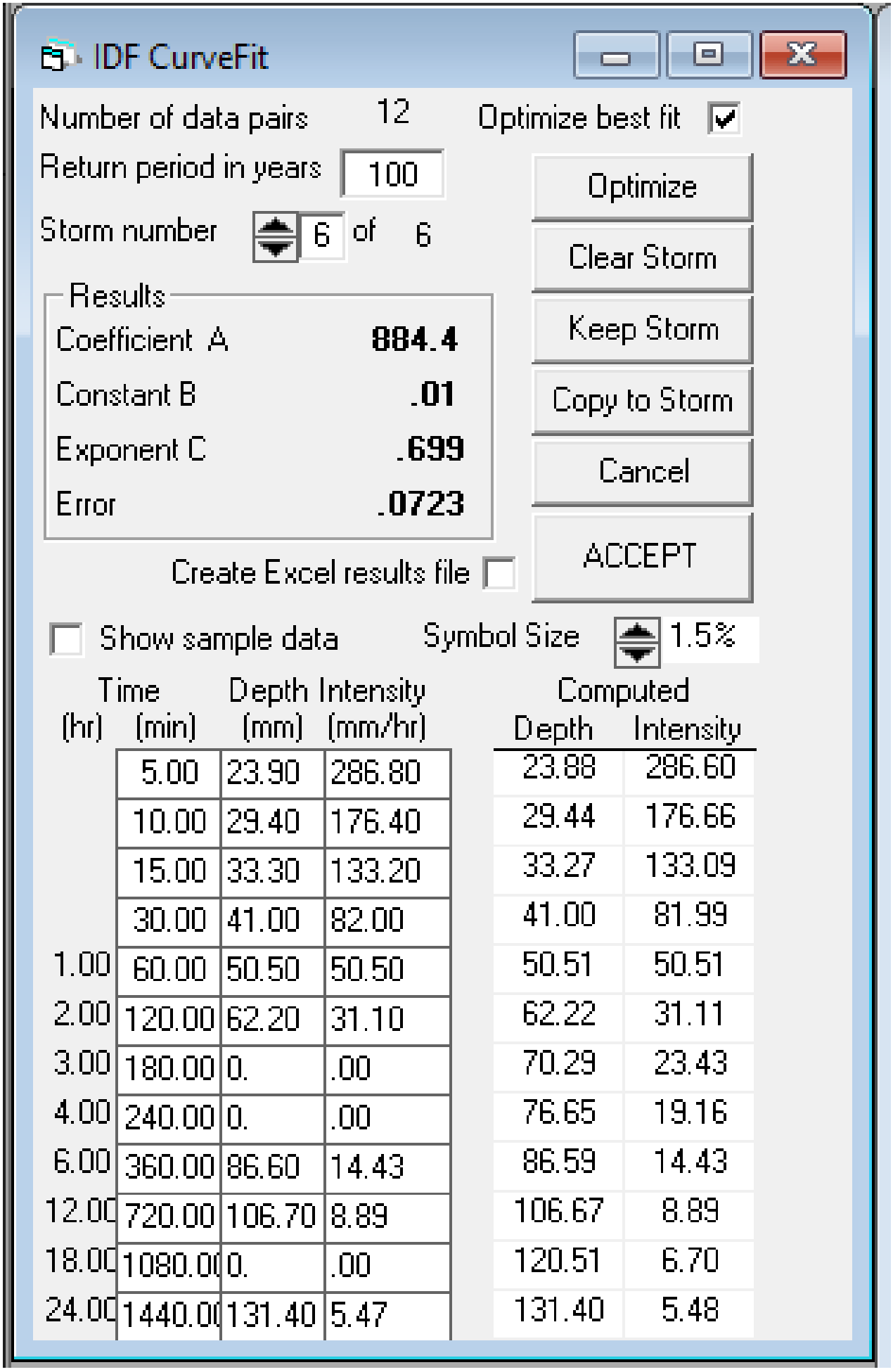
Time (hr)	Time (min)	Depth (mm)	Intensity (mm/hr)	Computed Depth	Computed Intensity
	5.00	19.60	235.20	19.55	234.56
	10.00	24.20	145.20	24.18	145.09
	15.00	27.30	109.20	27.35	109.41
	30.00	33.70	67.40	33.73	67.46
1.00	60.00	41.50	41.50	41.56	41.56
2.00	120.00	51.10	25.55	51.18	25.59
3.00	180.00	0.	.00	57.81	19.27
4.00	240.00	0.	.00	63.02	15.76
6.00	360.00	71.20	11.87	71.18	11.86
12.00	720.00	87.70	7.31	87.63	7.30
18.00	1080.00	0.	.00	98.96	5.50
24.00	1440.00	108.00	4.50	107.88	4.50

50-YEAR STORM EVENT - A, B, C PARAMETERS



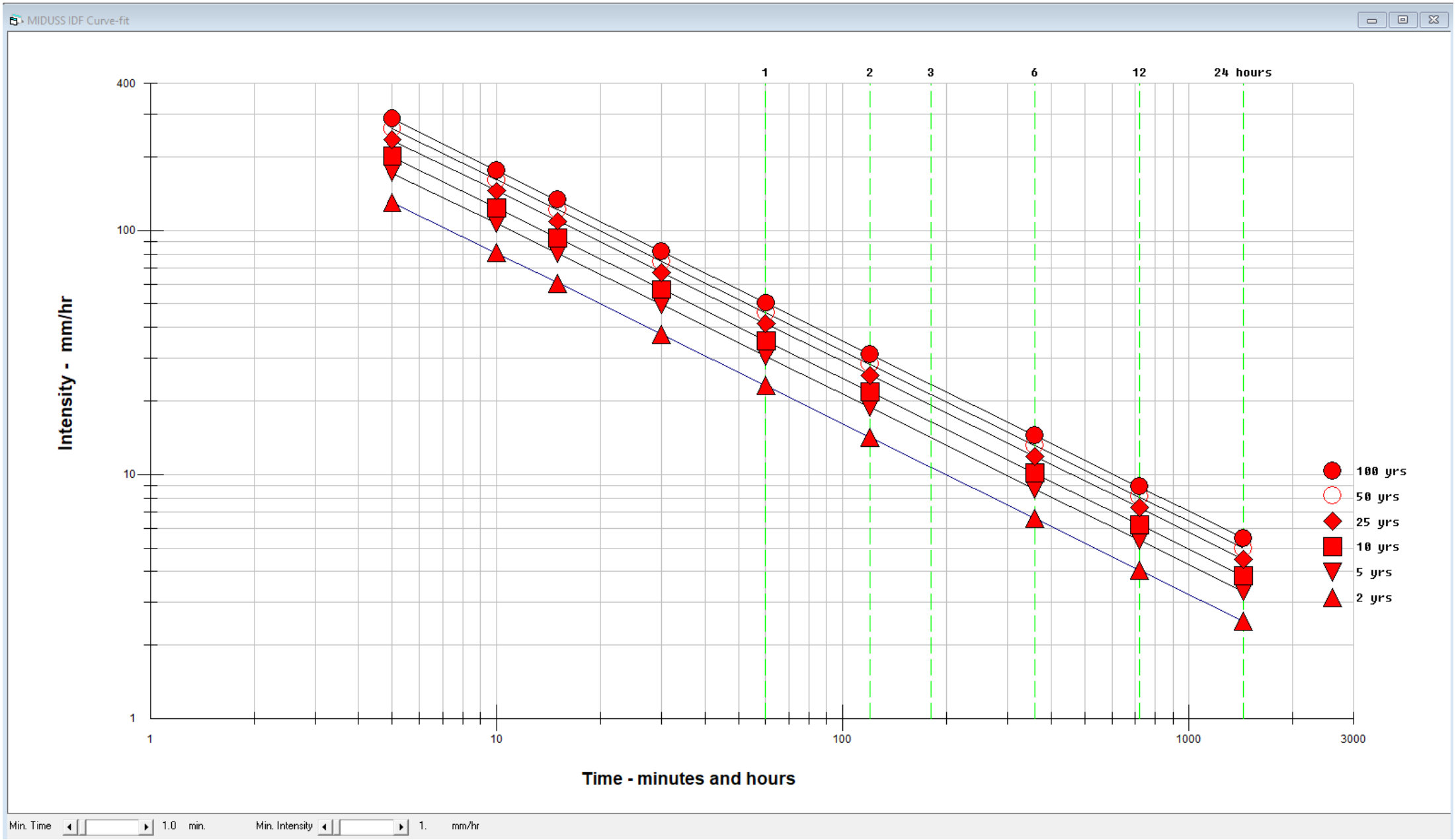
Time (hr)	Time (min)	Depth (mm)	Intensity (mm/hr)	Computed Depth	Computed Intensity
	5.00	21.80	261.60	21.74	260.89
	10.00	26.80	160.80	26.82	160.95
	15.00	30.30	121.20	30.32	121.28
	30.00	37.30	74.60	37.36	74.73
1.00	60.00	46.00	46.00	46.03	46.03
2.00	120.00	56.70	28.35	56.70	28.35
3.00	180.00	0.	.00	64.05	21.35
4.00	240.00	0.	.00	69.83	17.46
6.00	360.00	78.90	13.15	78.88	13.15
12.00	720.00	97.20	8.10	97.15	8.10
18.00	1080.00	0.	.00	109.74	6.10
24.00	1440.00	119.70	4.99	119.65	4.99

100-YEAR STORM EVENT - A, B, C PARAMETERS



Time (hr)	Time (min)	Depth (mm)	Intensity (mm/hr)	Computed Depth	Computed Intensity
	5.00	23.90	286.80	23.88	286.60
	10.00	29.40	176.40	29.44	176.66
	15.00	33.30	133.20	33.27	133.09
	30.00	41.00	82.00	41.00	81.99
1.00	60.00	50.50	50.50	50.51	50.51
2.00	120.00	62.20	31.10	62.22	31.11
3.00	180.00	0.	.00	70.29	23.43
4.00	240.00	0.	.00	76.65	19.16
6.00	360.00	86.60	14.43	86.59	14.43
12.00	720.00	106.70	8.89	106.67	8.89
18.00	1080.00	0.	.00	120.51	6.70
24.00	1440.00	131.40	5.47	131.40	5.48

IDF CURVE


MIDUSS IDF Curve-fit
1
2
3
6
12
24 hours
400
100
10
1
Intensity - mm/hr
1
10
100
1000
3000
Time - minutes and hours
100 yrs
50 yrs
25 yrs
10 yrs
5 yrs
2 yrs
Min. Time
1.0
min.
Min. Intensity
1.
mm/hr

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CHICAGO HYETOGRAPH CREATION: 2 YEAR RETURN PERIOD

DATE: January 21, 2025
JOB No.: SBM-23-5303

Client: 2065167251 Ontario Inc.
Project: Proposed Industrial Subdivision
Location: 5965 Scotch Line Road, Elmira, ON.

ELMIRA - 3HRS CHICAGO RAINFALL DISTRIBUTION PARAMETERS:

Return Period (years)	A,B,C Parameters A	B	C
2	608.000	0.680	0.791
5	589.200	0.690	0.791
10	625.400	0.680	0.791
25	739.800	0.670	0.790
50	867.400	0.660	0.790
100	984.400	0.650	0.789

*Intensity i=A/(t+B)^C (mm/hr)

Rainfall Duration= 3 hours
Rainfall Duration= 180 minutes
Starting Time= 0.00
Time Step= 0.01
r= 0.38 MTO DMM Section B, Page 14

t_p = 1
t_a * r= 0.38
t_a * (1-r)= 0.62

i_p= 386.4 peak rainfall intensity, mm/h
t_a= 68.4 time before the peak intensity, min
t_b= 111.6 time after the peak intensity, min
Total Rainfall Depth= 28.4 mm

$i = \frac{A}{(t_c + B)^C}$ peak rainfall intensity

Before the peak:

$i_b = \frac{A\,[(1-r)\,t_p + r\,t_d]}{[(1-r)\,t_p + r\,t_d + B]^C}$

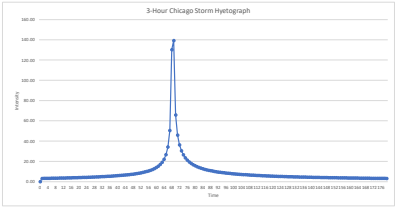
After the peak:

$i_a = \frac{A\,[(1-r)\,t_p + (t_t - t_p)]}{[(1-r)\,t_p + (t_t - t_p) + B]^C}$

Return Period (Years)	A,B,C Parameters A	B	C
2	608.000	0.680	0.791

2-Year Hyetograph

t_a OR t_b	Time (min)	Time (h:m)	Intensity	Rainfall Depth
68.40	0	0:00	0.00	0.000
67.40	1	0:01	3.24	0.054
66.40	2	0:02	3.27	0.055
65.40	3	0:03	3.31	0.055
64.40	4	0:04	3.34	0.056
63.40	5	0:05	3.38	0.056
62.40	6	0:06	3.42	0.057
61.40	7	0:07	3.46	0.058
60.40	8	0:08	3.50	0.058
59.40	9	0:09	3.54	0.059
58.40	10	0:10	3.58	0.060
57.40	11	0:11	3.62	0.060
56.40	12	0:12	3.67	0.061
55.40	13	0:13	3.71	0.062
54.40	14	0:14	3.76	0.063
53.40	15	0:15	3.81	0.064
52.40	16	0:16	3.86	0.064
51.40	17	0:17	3.92	0.065
50.40	18	0:18	3.97	0.066
49.40	19	0:19	4.03	0.067
48.40	20	0:20	4.08	0.068
47.40	21	0:21	4.14	0.069
46.40	22	0:22	4.21	0.070
45.40	23	0:23	4.27	0.071
44.40	24	0:24	4.34	0.072
43.40	25	0:25	4.41	0.073
42.40	26	0:26	4.48	0.075
41.40	27	0:27	4.56	0.076
40.40	28	0:28	4.64	0.077
39.40	29	0:29	4.72	0.079
38.40	30	0:30	4.81	0.080
37.40	31	0:31	4.90	0.082
36.40	32	0:32	4.99	0.083
35.40	33	0:33	5.09	0.085
34.40	34	0:34	5.19	0.087
33.40	35	0:35	5.30	0.088
32.40	36	0:36	5.41	0.090
31.40	37	0:37	5.53	0.092
30.40	38	0:38	5.66	0.094
29.40	39	0:39	5.80	0.097
28.40	40	0:40	5.94	0.099
27.40	41	0:41	6.09	0.102
26.40	42	0:42	6.25	0.104
25.40	43	0:43	6.42	0.107
24.40	44	0:44	6.61	0.110
23.40	45	0:45	6.81	0.113
22.40	46	0:46	7.02	0.117
21.40	47	0:47	7.25	0.121
20.40	48	0:48	7.49	0.125
19.40	49	0:49	7.76	0.129
18.40	50	0:50	8.06	0.134
17.40	51	0:51	8.38	0.140
16.40	52	0:52	8.74	0.146
15.40	53	0:53	9.14	0.152
14.40	54	0:54	9.58	0.160
13.40	55	0:55	10.08	0.168
12.40	56	0:56	10.64	0.177
11.40	57	0:57	11.29	0.188
10.40	58	0:58	12.05	0.201
9.40	59	0:59	12.94	0.216
8.40	60	1:00	14.01	0.233
7.40	61	1:01	15.32	0.255
6.40	62	1:02	16.98	0.283
5.40	63	1:03	19.16	0.319
4.40	64	1:04	22.16	0.369
3.40	65	1:05	26.63	0.444
2.40	66	1:06	34.19	0.570
1.40	67	1:07	50.57	0.843
0.40	68	1:08	130.31	2.172
0.60	69	1:09	139.20	2.320
1.60	70	1:10	65.77	1.096
2.60	71	1:11	46.00	0.767
3.60	72	1:12	36.33	0.606
4.60	73	1:13	30.46	0.508
5.60	74	1:14	26.45	0.441
6.60	75	1:15	23.53	0.392
7.60	76	1:16	21.28	0.355
8.60	77	1:17	19.49	0.325
9.60	78	1:18	18.02	0.300
10.60	79	1:19	16.80	0.280
11.60	80	1:20	15.76	0.263
12.60	81	1:21	14.87	0.248
13.60	82	1:22	14.09	0.235
14.60	83	1:23	13.40	0.223
15.60	84	1:24	12.78	0.213
16.60	85	1:25	12.24	0.204
17.60	86	1:26	11.74	0.196
18.60	87	1:27	11.29	0.188
19.60	88	1:28	10.88	0.181
20.60	89	1:29	10.51	0.175
21.60	90	1:30	10.16	0.169
22.60	91	1:31	9.84	0.164
23.60	92	1:32	9.55	0.159
24.60	93	1:33	9.27	0.155
25.60	94	1:34	9.02	0.150
26.60	95	1:35	8.78	0.146
27.60	96	1:36	8.55	0.143
28.60	97	1:37	8.34	0.139
29.60	98	1:38	8.14	0.136
30.60	99	1:39	7.95	0.133
31.60	100	1:40	7.77	0.130
32.60	101	1:41	7.61	0.127
33.60	102	1:42	7.45	0.124
34.60	103	1:43	7.29	0.122
35.60	104	1:44	7.15	0.119
36.60	105	1:45	7.01	0.117
37.60	106	1:46	6.88	0.115
38.60	107	1:47	6.75	0.113
39.60	108	1:48	6.63	0.111
40.60	109	1:49	6.52	0.109
41.60	110	1:50	6.41	0.107
42.60	111	1:51	6.30	0.105
43.60	112	1:52	6.20	0.103
44.60	113	1:53	6.10	0.102
45.60	114	1:54	6.01	0.100
46.60	115	1:55	5.92	0.099
47.60	116	1:56	5.83	0.097
48.60	117	1:57	5.74	0.096
49.60	118	1:58	5.66	0.094
50.60	119	1:59	5.58	0.093
51.60	120	2:00	5.51	0.092
52.60	121	2:01	5.43	0.091
53.60	122	2:02	5.36	0.089
54.60	123	2:03	5.29	0.088
55.60	124	2:04	5.23	0.087
56.60	125	2:05	5.16	0.086
57.60	126	2:06	5.10	0.085
58.60	127	2:07	5.04	0.084
59.60	128	2:08	4.98	0.083
60.60	129	2:09	4.92	0.082
61.60	130	2:10	4.86	0.081
62.60	131	2:11	4.81	0.080
63.60	132	2:12	4.75	0.079
64.60	133	2:13	4.70	0.078
65.60	134	2:14	4.65	0.078
66.60	135	2:15	4.60	0.077
67.60	136	2:16	4.56	0.076
68.60	137	2:17	4.51	0.075
69.60	138	2:18	4.46	0.074
70.60	139	2:19	4.42	0.074
71.60	140	2:20	4.38	0.073
72.60	141	2:21	4.33	0.072
73.60	142	2:22	4.29	0.072
74.60	143	2:23	4.25	0.071
75.60	144	2:24	4.21	0.070
76.60	145	2:25	4.17	0.070
77.60	146	2:26	4.13	0.069
78.60	147	2:27	4.10	0.068
79.60	148	2:28	4.06	0.068
80.60	149	2:29	4.03	0.067
81.60	150	2:30	3.99	0.067
82.60	151	2:31	3.96	0.066
83.60	152	2:32	3.92	0.065
84.60	153	2:33	3.89	0.065
85.60	154	2:34	3.86	0.064
86.60	155	2:35	3.83	0.064
87.60	156	2:36	3.80	0.063
88.60	157	2:37	3.77	0.063
89.60	158	2:38	3.74	0.062
90.60	159	2:39	3.71	0.062
91.60	160	2:40	3.68	0.061
92.60	161	2:41	3.65	0.061
93.60	162	2:42	3.63	0.060
94.60	163	2:43	3.60	0.060
95.60	164	2:44	3.57	0.060
96.60	165	2:45	3.55	0.059
97.60	166	2:46	3.52	0.059
98.60	167	2:47	3.50	0.058
99.60	168	2:48	3.47	0.058
100.60	169	2:49	3.45	0.057
101.60	170	2:50	3.42	0.057
102.60	171	2:51	3.40	0.057
103.60	172	2:52	3.38	0.056
104.60	173	2:53	3.35	0.056
105.60	174	2:54	3.33	0.056
106.60	175	2:55	3.31	0.055
107.60	176	2:56	3.29	0.055
108.60	177	2:57	3.27	0.054
109.60	178	2:58	3.24	0.054
110.60	179	2:59	3.22	0.054
111.60	180	3:00	3.20	0.053



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CHICAGO HYETOGRAPH CREATION: 5 YEAR RETURN PERIOD

DATE: January 21, 2021
JOB No.: SBM-20-3467

Client: 2065135721 Ontario Inc.
Project: Proposed Industrial Subdivision
Location: 5665 Scotch Line Road, Elmira, ON.

ELMIRA - 3HRS CHICAGO RAINFALL DISTRIBUTION PARAMETERS:

Return Period (years)	A,B,C Parameters		
	A	B	C
2	608.000	0.080	0.791
5	539.200	0.090	0.781
10	625.400	0.080	0.781
25	739.800	0.070	0.780
50	807.400	0.060	0.790
100	884.400	0.050	0.699

*Intensity i=A/(t+B)^C (mm/hr)

Rainfall Duration= 3 hours
Rainfall Duration= 180 minutes
Starting Time= 0.00
Time Step= 0.01
r= 0.38 MTO DMM Section B, Page 14

t_p = 1
t_a * r= 0.38
t_a * (1-r)= 0.62
i_p= 507.6 peak rainfall intensity, mm/h
t_b= 68.4 time before the peak intensity, min
t_a= 111.6 time after the peak intensity, min
Total Rainfall Depth= 37.6 mm

$i = \frac{A}{(t+B)^C}$ peak rainfall intensity

Define the peak:

$i_b = \frac{A_1(1-a_1)(1-r_1)t}{(t+B)^C}$

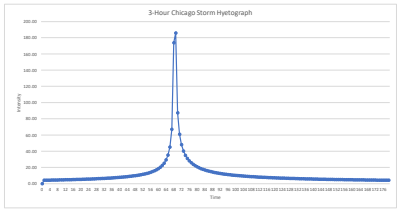
After the peak:

$i_a = \frac{A_1[(1-a_1)(1-r_1)+r_1]}{(t_1(1-r)-(t-t_p))^{C_1}}$

Return Period (Years)	A,B,C Parameters		
	A	B	C
5	539.200	0.090	0.781

5-Year Hyetograph

t_a OR t_b	Time (min)	Time (h:m)	Intensity	Rainfall Depth
68.40	0	0:00	0.00	0.000
67.40	1	0:01	4.28	0.071
66.40	2	0:02	4.32	0.072
65.40	3	0:03	4.37	0.073
64.40	4	0:04	4.42	0.074
63.40	5	0:05	4.47	0.074
62.40	6	0:06	4.52	0.075
61.40	7	0:07	4.57	0.076
60.40	8	0:08	4.62	0.077
59.40	9	0:09	4.68	0.078
58.40	10	0:10	4.73	0.079
57.40	11	0:11	4.79	0.080
56.40	12	0:12	4.85	0.081
55.40	13	0:13	4.91	0.082
54.40	14	0:14	4.97	0.083
53.40	15	0:15	5.04	0.084
52.40	16	0:16	5.11	0.085
51.40	17	0:17	5.18	0.086
50.40	18	0:18	5.25	0.087
49.40	19	0:19	5.32	0.089
48.40	20	0:20	5.40	0.090
47.40	21	0:21	5.48	0.091
46.40	22	0:22	5.56	0.093
45.40	23	0:23	5.65	0.094
44.40	24	0:24	5.74	0.096
43.40	25	0:25	5.83	0.097
42.40	26	0:26	5.92	0.099
41.40	27	0:27	6.02	0.100
40.40	28	0:28	6.13	0.102
39.40	29	0:29	6.24	0.104
38.40	30	0:30	6.35	0.106
37.40	31	0:31	6.47	0.108
36.40	32	0:32	6.59	0.110
35.40	33	0:33	6.72	0.112
34.40	34	0:34	6.86	0.114
33.40	35	0:35	7.01	0.117
32.40	36	0:36	7.16	0.119
31.40	37	0:37	7.32	0.122
30.40	38	0:38	7.48	0.125
29.40	39	0:39	7.66	0.128
28.40	40	0:40	7.85	0.131
27.40	41	0:41	8.05	0.134
26.40	42	0:42	8.26	0.138
25.40	43	0:43	8.49	0.142
24.40	44	0:44	8.74	0.146
23.40	45	0:45	9.00	0.150
22.40	46	0:46	9.28	0.155
21.40	47	0:47	9.58	0.160
20.40	48	0:48	9.91	0.165
19.40	49	0:49	10.26	0.171
18.40	50	0:50	10.65	0.178
17.40	51	0:51	11.08	0.185
16.40	52	0:52	11.55	0.193
15.40	53	0:53	12.08	0.201
14.40	54	0:54	12.66	0.211
13.40	55	0:55	13.32	0.222
12.40	56	0:56	14.07	0.235
11.40	57	0:57	14.93	0.249
10.40	58	0:58	15.93	0.266
9.40	59	0:59	17.11	0.285
8.40	60	1:00	18.53	0.309
7.40	61	1:01	20.27	0.338
6.40	62	1:02	22.46	0.374
5.40	63	1:03	25.34	0.422
4.40	64	1:04	29.32	0.489
3.40	65	1:05	35.26	0.588
2.40	66	1:06	45.30	0.755
1.40	67	1:07	67.10	1.118
0.40	68	1:08	173.95	2.899
0.60	69	1:09	185.92	3.099
1.60	70	1:10	87.38	1.456
2.60	71	1:11	61.01	1.017
3.60	72	1:12	48.14	0.802
4.60	73	1:13	40.33	0.672
5.60	74	1:14	35.02	0.584
6.60	75	1:15	31.14	0.519
7.60	76	1:16	28.16	0.469
8.60	77	1:17	25.78	0.430
9.60	78	1:18	23.84	0.397
10.60	79	1:19	22.23	0.370
11.60	80	1:20	20.85	0.347
12.60	81	1:21	19.66	0.328
13.60	82	1:22	18.63	0.310
14.60	83	1:23	17.72	0.295
15.60	84	1:24	16.91	0.282
16.60	85	1:25	16.18	0.270
17.60	86	1:26	15.52	0.259
18.60	87	1:27	14.93	0.249
19.60	88	1:28	14.39	0.240
20.60	89	1:29	13.89	0.232
21.60	90	1:30	13.44	0.224
22.60	91	1:31	13.01	0.217
23.60	92	1:32	12.62	0.210
24.60	93	1:33	12.26	0.204
25.60	94	1:34	11.92	0.199
26.60	95	1:35	11.60	0.193
27.60	96	1:36	11.30	0.188
28.60	97	1:37	11.02	0.184
29.60	98	1:38	10.76	0.179
30.60	99	1:39	10.51	0.175
31.60	100	1:40	10.28	0.171
32.60	101	1:41	10.05	0.168
33.60	102	1:42	9.84	0.164
34.60	103	1:43	9.64	0.161
35.60	104	1:44	9.45	0.158
36.60	105	1:45	9.27	0.154
37.60	106	1:46	9.09	0.152
38.60	107	1:47	8.93	0.149
39.60	108	1:48	8.77	0.146
40.60	109	1:49	8.62	0.144
41.60	110	1:50	8.47	0.141
42.60	111	1:51	8.33	0.139
43.60	112	1:52	8.19	0.137
44.60	113	1:53	8.06	0.134
45.60	114	1:54	7.94	0.132
46.60	115	1:55	7.82	0.130
47.60	116	1:56	7.70	0.128
48.60	117	1:57	7.59	0.127
49.60	118	1:58	7.48	0.125
50.60	119	1:59	7.38	0.123
51.60	120	2:00	7.28	0.121
52.60	121	2:01	7.18	0.120
53.60	122	2:02	7.09	0.118
54.60	123	2:03	7.00	0.117
55.60	124	2:04	6.91	0.115
56.60	125	2:05	6.82	0.114
57.60	126	2:06	6.74	0.112
58.60	127	2:07	6.66	0.111
59.60	128	2:08	6.58	0.110
60.60	129	2:09	6.50	0.108
61.60	130	2:10	6.43	0.107
62.60	131	2:11	6.36	0.106
63.60	132	2:12	6.28	0.105
64.60	133	2:13	6.22	0.104
65.60	134	2:14	6.15	0.102
66.60	135	2:15	6.08	0.101
67.60	136	2:16	6.02	0.100
68.60	137	2:17	5.96	0.099
69.60	138	2:18	5.90	0.098
70.60	139	2:19	5.84	0.097
71.60	140	2:20	5.78	0.096
72.60	141	2:21	5.73	0.095
73.60	142	2:22	5.67	0.095
74.60	143	2:23	5.62	0.094
75.60	144	2:24	5.57	0.093
76.60	145	2:25	5.52	0.092
77.60	146	2:26	5.47	0.091
78.60	147	2:27	5.42	0.090
79.60	148	2:28	5.37	0.089
80.60	149	2:29	5.32	0.089
81.60	150	2:30	5.28	0.088
82.60	151	2:31	5.23	0.087
83.60	152	2:32	5.19	0.086
84.60	153	2:33	5.14	0.086
85.60	154	2:34	5.10	0.085
86.60	155	2:35	5.06	0.084
87.60	156	2:36	5.02	0.084
88.60	157	2:37	4.98	0.083
89.60	158	2:38	4.94	0.082
90.60	159	2:39	4.90	0.082
91.60	160	2:40	4.86	0.081
92.60	161	2:41	4.83	0.080
93.60	162	2:42	4.79	0.080
94.60	163	2:43	4.76	0.079
95.60	164	2:44	4.72	0.079
96.60	165	2:45	4.69	0.078
97.60	166	2:46	4.65	0.078
98.60	167	2:47	4.62	0.077
99.60	168	2:48	4.59	0.076
100.60	169	2:49	4.55	0.076
101.60	170	2:50	4.52	0.075
102.60	171	2:51	4.49	0.075
103.60	172	2:52	4.46	0.074
104.60	173	2:53	4.43	0.074
105.60	174	2:54	4.40	0.073
106.60	175	2:55	4.37	0.073
107.60	176	2:56	4.34	0.072
108.60	177	2:57	4.32	0.072
109.60	178	2:58	4.29	0.071
110.60	179	2:59	4.26	0.071
111.60	180	3:00	4.23	0.071



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CHICAGO HYETOGRAPH CREATION: 10 YEAR RETURN PERIOD

DATE: January 21, 2021
JOB No.: SBM-20-5467

Client: 2065135731 Ontario Inc.
Project: Proposed Industrial Subdivision
Location: 5665 Scotch Line Road, Elmira, ON.

ELMIRA - 3HRS CHICAGO RAINFALL DISTRIBUTION PARAMETERS:

Return Period (years)	A,B,C Parameters A	B	C
2	606.600	0.680	0.791
5	569.200	0.690	0.791
10	625.400	0.680	0.791
25	739.800	0.670	0.790
50	807.400	0.640	0.790
100	884.400	0.610	0.699

*Intensity i=A/(t+B)^C (mm/hr)

Rainfall Duration= 3 hours
Rainfall Duration= 180 minutes
Starting Time= 0.00
Time Step= 0.01
r= 0.38 MTO DMM Section B, Page 14

t_p = 1
t_a * r= 0.38
t_a * (1-r)= 0.62
i_p= 592.6 peak rainfall intensity, mm/h
t_a= 68.4 time before the peak intensity, min
t_b= 111.6 time after the peak intensity, min
Total Rainfall Depth= 43.5 mm

$i = \frac{A}{(t_c + B)^C}$ peak rainfall intensity

Before the peak:

$i_b = \frac{A\,[(1-r)\,t_a + t]}{[(r\,t_a + t)]^{C+1}}$

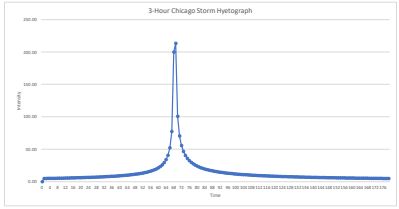
After the peak:

$i_a = \frac{A\,[(1-r)\,t_a/(1-r) + T]}{[(t_a/(1-r)) + t]^{C+1}}$

Return Period (Years)	A,B,C Parameters A	B	C
10	625.400	0.680	0.791

10-Year Hyetograph

% Of I_p	Time (min)	Time (h:m)	Intensity	Rainfall Depth
68.40	0	0:00	0.00	0.000
67.40	1	0:01	4.96	0.083
66.40	2	0:02	5.01	0.084
65.40	3	0:03	5.07	0.084
64.40	4	0:04	5.12	0.085
63.40	5	0:05	5.18	0.086
62.40	6	0:06	5.24	0.087
61.40	7	0:07	5.30	0.088
60.40	8	0:08	5.36	0.089
59.40	9	0:09	5.42	0.090
58.40	10	0:10	5.49	0.091
57.40	11	0:11	5.55	0.093
56.40	12	0:12	5.62	0.094
55.40	13	0:13	5.69	0.095
54.40	14	0:14	5.77	0.096
53.40	15	0:15	5.84	0.097
52.40	16	0:16	5.92	0.099
51.40	17	0:17	6.00	0.100
50.40	18	0:18	6.09	0.101
49.40	19	0:19	6.17	0.103
48.40	20	0:20	6.26	0.104
47.40	21	0:21	6.35	0.106
46.40	22	0:22	6.45	0.107
45.40	23	0:23	6.55	0.109
44.40	24	0:24	6.65	0.111
43.40	25	0:25	6.76	0.113
42.40	26	0:26	6.87	0.115
41.40	27	0:27	6.99	0.116
40.40	28	0:28	7.11	0.118
39.40	29	0:29	7.23	0.121
38.40	30	0:30	7.37	0.123
37.40	31	0:31	7.50	0.125
36.40	32	0:32	7.65	0.127
35.40	33	0:33	7.80	0.130
34.40	34	0:34	7.96	0.133
33.40	35	0:35	8.12	0.135
32.40	36	0:36	8.30	0.138
31.40	37	0:37	8.48	0.141
30.40	38	0:38	8.68	0.145
29.40	39	0:39	8.89	0.148
28.40	40	0:40	9.10	0.152
27.40	41	0:41	9.34	0.156
26.40	42	0:42	9.58	0.160
25.40	43	0:43	9.85	0.164
24.40	44	0:44	10.13	0.169
23.40	45	0:45	10.43	0.174
22.40	46	0:46	10.76	0.179
21.40	47	0:47	11.11	0.185
20.40	48	0:48	11.49	0.191
19.40	49	0:49	11.90	0.198
18.40	50	0:50	12.35	0.206
17.40	51	0:51	12.85	0.214
16.40	52	0:52	13.40	0.223
15.40	53	0:53	14.00	0.233
14.40	54	0:54	14.68	0.245
13.40	55	0:55	15.44	0.257
12.40	56	0:56	16.31	0.272
11.40	57	0:57	17.31	0.288
10.40	58	0:58	18.47	0.308
9.40	59	0:59	19.83	0.331
8.40	60	1:00	21.47	0.358
7.40	61	1:01	23.49	0.391
6.40	62	1:02	26.03	0.434
5.40	63	1:03	29.36	0.489
4.40	64	1:04	33.97	0.566
3.40	65	1:05	40.82	0.680
2.40	66	1:06	52.41	0.874
1.40	67	1:07	77.52	1.292
0.40	68	1:08	199.74	3.329
0.60	69	1:09	213.38	3.556
1.60	70	1:10	100.81	1.680
2.60	71	1:11	70.52	1.175
3.60	72	1:12	55.69	0.928
4.60	73	1:13	46.68	0.778
5.60	74	1:14	40.55	0.676
6.60	75	1:15	36.06	0.601
7.60	76	1:16	32.61	0.544
8.60	77	1:17	29.87	0.498
9.60	78	1:18	27.63	0.460
10.60	79	1:19	25.75	0.429
11.60	80	1:20	24.16	0.403
12.60	81	1:21	22.79	0.380
13.60	82	1:22	21.59	0.360
14.60	83	1:23	20.53	0.342
15.60	84	1:24	19.60	0.327
16.60	85	1:25	18.75	0.313
17.60	86	1:26	18.00	0.300
18.60	87	1:27	17.31	0.288
19.60	88	1:28	16.68	0.278
20.60	89	1:29	16.11	0.268
21.60	90	1:30	15.58	0.260
22.60	91	1:31	15.09	0.251
23.60	92	1:32	14.63	0.244
24.60	93	1:33	14.21	0.237
25.60	94	1:34	13.82	0.230
26.60	95	1:35	13.45	0.224
27.60	96	1:36	13.11	0.218
28.60	97	1:37	12.78	0.213
29.60	98	1:38	12.48	0.208
30.60	99	1:39	12.19	0.203
31.60	100	1:40	11.92	0.199
32.60	101	1:41	11.66	0.194
33.60	102	1:42	11.41	0.190
34.60	103	1:43	11.18	0.186
35.60	104	1:44	10.96	0.183
36.60	105	1:45	10.75	0.179
37.60	106	1:46	10.54	0.176
38.60	107	1:47	10.35	0.173
39.60	108	1:48	10.17	0.169
40.60	109	1:49	9.99	0.167
41.60	110	1:50	9.82	0.164
42.60	111	1:51	9.66	0.161
43.60	112	1:52	9.50	0.158
44.60	113	1:53	9.35	0.156
45.60	114	1:54	9.21	0.153
46.60	115	1:55	9.07	0.151
47.60	116	1:56	8.93	0.149
48.60	117	1:57	8.80	0.147
49.60	118	1:58	8.68	0.145
50.60	119	1:59	8.56	0.143
51.60	120	2:00	8.44	0.141
52.60	121	2:01	8.33	0.139
53.60	122	2:02	8.22	0.137
54.60	123	2:03	8.11	0.135
55.60	124	2:04	8.01	0.134
56.60	125	2:05	7.91	0.132
57.60	126	2:06	7.81	0.130
58.60	127	2:07	7.72	0.129
59.60	128	2:08	7.63	0.127
60.60	129	2:09	7.54	0.126
61.60	130	2:10	7.45	0.124
62.60	131	2:11	7.37	0.123
63.60	132	2:12	7.29	0.121
64.60	133	2:13	7.21	0.120
65.60	134	2:14	7.13	0.119
66.60	135	2:15	7.06	0.118
67.60	136	2:16	6.98	0.116
68.60	137	2:17	6.91	0.115
69.60	138	2:18	6.84	0.114
70.60	139	2:19	6.77	0.113
71.60	140	2:20	6.71	0.112
72.60	141	2:21	6.64	0.111
73.60	142	2:22	6.58	0.110
74.60	143	2:23	6.52	0.109
75.60	144	2:24	6.46	0.108
76.60	145	2:25	6.40	0.107
77.60	146	2:26	6.34	0.106
78.60	147	2:27	6.28	0.105
79.60	148	2:28	6.23	0.104
80.60	149	2:29	6.17	0.103
81.60	150	2:30	6.12	0.102
82.60	151	2:31	6.07	0.101
83.60	152	2:32	6.02	0.100
84.60	153	2:33	5.97	0.099
85.60	154	2:34	5.92	0.099
86.60	155	2:35	5.87	0.098
87.60	156	2:36	5.82	0.097
88.60	157	2:37	5.77	0.096
89.60	158	2:38	5.73	0.095
90.60	159	2:39	5.69	0.095
91.60	160	2:40	5.64	0.094
92.60	161	2:41	5.60	0.093
93.60	162	2:42	5.56	0.093
94.60	163	2:43	5.52	0.092
95.60	164	2:44	5.47	0.091
96.60	165	2:45	5.43	0.091
97.60	166	2:46	5.40	0.090
98.60	167	2:47	5.36	0.089
99.60	168	2:48	5.32	0.089
100.60	169	2:49	5.28	0.088
101.60	170	2:50	5.25	0.087
102.60	171	2:51	5.21	0.087
103.60	172	2:52	5.17	0.086
104.60	173	2:53	5.14	0.086
105.60	174	2:54	5.11	0.085
106.60	175	2:55	5.07	0.085
107.60	176	2:56	5.04	0.084
108.60	177	2:57	5.01	0.083
109.60	178	2:58	4.97	0.083
110.60	179	2:59	4.94	0.082
111.60	180	3:00	4.91	0.082



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CHICAGO HYETOGRAPH CREATION: 25 YEAR RETURN PERIOD

DATE: January 21, 2021
JOB No.: SBM-23-0467

Client: 2660610701 Ontario Inc.
Project: Proposed Industrial Subdivision
Location: 5665 Scotch Line Road, Elmira, ON.

ELMIRA - 3HRS CHICAGO RAINFALL DISTRIBUTION PARAMETERS:

Return Period (years)	A,B,C Parameters A	B	C
2	608.600	0.080	0.781
5	549.200	0.090	0.781
10	625.400	0.080	0.781
25	730.800	0.070	0.780
50	807.400	0.060	0.780
100	884.400	0.050	0.699

*Intensity i=A/(t+B)^C (mm/hr)

Rainfall Duration= 3 hours
Rainfall Duration= 180 minutes
Starting Time= 0.00
Time Step= 0.01
r= 0.38 MTO DMM Section B, Page 14

t_p = 1
t_a = r= 0.38
t_b = (1-r)= 0.62
i_p = 697.0 peak rainfall intensity, mm/h
t_a= 68.4 time before the peak intensity, min
t_b = 111.6 time after the peak intensity, min
Total Rainfall Depth= 51.0 mm

$i = \frac{A}{(t+B)^C}$ peak rainfall intensity

Before the peak:

$i_b = \frac{A_1(1-r)_1(1-r)+B_1^C}{((1-r)*T)^C}$

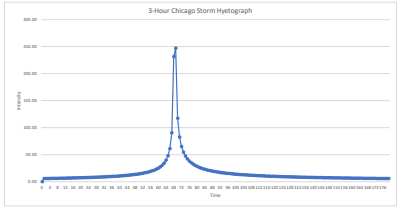
After the peak:

$i_a = \frac{A_1[(1-r)_1(1-r)+T]}{((1-r)\cdot T)-B_1^C}$

Return Period (Years)	A,B,C Parameters A	B	C
25	730.800	0.070	0.780

25-Year Hyetograph

t_a OR t_b	Time (min)	Time (h:m)	Intensity	Rainfall Depth
68.40	0	0:00	0.00	0.000
67.40	1	0:01	5.85	0.097
66.40	2	0:02	5.91	0.098
65.40	3	0:03	5.97	0.100
64.40	4	0:04	6.04	0.101
63.40	5	0:05	6.10	0.102
62.40	6	0:06	6.17	0.103
61.40	7	0:07	6.24	0.104
60.40	8	0:08	6.31	0.105
59.40	9	0:09	6.39	0.106
58.40	10	0:10	6.47	0.108
57.40	11	0:11	6.54	0.109
56.40	12	0:12	6.63	0.110
55.40	13	0:13	6.71	0.112
54.40	14	0:14	6.80	0.113
53.40	15	0:15	6.88	0.115
52.40	16	0:16	6.98	0.116
51.40	17	0:17	7.07	0.118
50.40	18	0:18	7.17	0.119
49.40	19	0:19	7.27	0.121
48.40	20	0:20	7.38	0.123
47.40	21	0:21	7.48	0.125
46.40	22	0:22	7.60	0.127
45.40	23	0:23	7.71	0.129
44.40	24	0:24	7.83	0.131
43.40	25	0:25	7.96	0.133
42.40	26	0:26	8.09	0.135
41.40	27	0:27	8.23	0.137
40.40	28	0:28	8.37	0.140
39.40	29	0:29	8.52	0.142
38.40	30	0:30	8.67	0.145
37.40	31	0:31	8.84	0.147
36.40	32	0:32	9.01	0.150
35.40	33	0:33	9.18	0.153
34.40	34	0:34	9.37	0.156
33.40	35	0:35	9.57	0.159
32.40	36	0:36	9.77	0.163
31.40	37	0:37	9.99	0.166
30.40	38	0:38	10.22	0.170
29.40	39	0:39	10.46	0.174
28.40	40	0:40	10.72	0.179
27.40	41	0:41	10.99	0.183
26.40	42	0:42	11.28	0.188
25.40	43	0:43	11.59	0.193
24.40	44	0:44	11.92	0.199
23.40	45	0:45	12.28	0.205
22.40	46	0:46	12.66	0.211
21.40	47	0:47	13.07	0.218
20.40	48	0:48	13.52	0.225
19.40	49	0:49	14.00	0.233
18.40	50	0:50	14.54	0.242
17.40	51	0:51	15.12	0.252
16.40	52	0:52	15.76	0.263
15.40	53	0:53	16.47	0.275
14.40	54	0:54	17.27	0.288
13.40	55	0:55	18.16	0.303
12.40	56	0:56	19.18	0.320
11.40	57	0:57	20.35	0.339
10.40	58	0:58	21.71	0.362
9.40	59	0:59	23.31	0.389
8.40	60	1:00	25.23	0.421
7.40	61	1:01	27.59	0.460
6.40	62	1:02	30.57	0.510
5.40	63	1:03	34.48	0.575
4.40	64	1:04	39.86	0.664
3.40	65	1:05	47.88	0.798
2.40	66	1:06	61.41	1.023
1.40	67	1:07	90.63	1.510
0.40	68	1:08	231.60	3.860
0.60	69	1:09	247.25	4.121
1.60	70	1:10	117.64	1.961
2.60	71	1:11	82.49	1.375
3.60	72	1:12	65.23	1.087
4.60	73	1:13	54.72	0.912
5.60	74	1:14	47.56	0.793
6.60	75	1:15	42.31	0.705
7.60	76	1:16	38.28	0.638
8.60	77	1:17	35.07	0.585
9.60	78	1:18	32.45	0.541
10.60	79	1:19	30.25	0.504
11.60	80	1:20	28.39	0.473
12.60	81	1:21	26.78	0.446
13.60	82	1:22	25.37	0.423
14.60	83	1:23	24.13	0.402
15.60	84	1:24	23.03	0.384
16.60	85	1:25	22.05	0.367
17.60	86	1:26	21.16	0.353
18.60	87	1:27	20.35	0.339
19.60	88	1:28	19.61	0.327
20.60	89	1:29	18.94	0.316
21.60	90	1:30	18.32	0.305
22.60	91	1:31	17.74	0.296
23.60	92	1:32	17.21	0.287
24.60	93	1:33	16.72	0.279
25.60	94	1:34	16.26	0.271
26.60	95	1:35	15.82	0.264
27.60	96	1:36	15.42	0.257
28.60	97	1:37	15.04	0.251
29.60	98	1:38	14.68	0.245
30.60	99	1:39	14.34	0.239
31.60	100	1:40	14.02	0.234
32.60	101	1:41	13.72	0.229
33.60	102	1:42	13.43	0.224
34.60	103	1:43	13.16	0.219
35.60	104	1:44	12.90	0.215
36.60	105	1:45	12.65	0.211
37.60	106	1:46	12.41	0.207
38.60	107	1:47	12.18	0.203
39.60	108	1:48	11.97	0.199
40.60	109	1:49	11.76	0.196
41.60	110	1:50	11.56	0.193
42.60	111	1:51	11.37	0.189
43.60	112	1:52	11.19	0.186
44.60	113	1:53	11.01	0.183
45.60	114	1:54	10.84	0.181
46.60	115	1:55	10.68	0.178
47.60	116	1:56	10.52	0.175
48.60	117	1:57	10.37	0.173
49.60	118	1:58	10.22	0.170
50.60	119	1:59	10.08	0.168
51.60	120	2:00	9.94	0.166
52.60	121	2:01	9.81	0.163
53.60	122	2:02	9.68	0.161
54.60	123	2:03	9.55	0.159
55.60	124	2:04	9.43	0.157
56.60	125	2:05	9.31	0.155
57.60	126	2:06	9.20	0.153
58.60	127	2:07	9.09	0.152
59.60	128	2:08	8.98	0.150
60.60	129	2:09	8.88	0.148
61.60	130	2:10	8.78	0.146
62.60	131	2:11	8.68	0.145
63.60	132	2:12	8.58	0.143
64.60	133	2:13	8.49	0.141
65.60	134	2:14	8.40	0.140
66.60	135	2:15	8.31	0.138
67.60	136	2:16	8.22	0.137
68.60	137	2:17	8.14	0.136
69.60	138	2:18	8.06	0.134
70.60	139	2:19	7.98	0.133
71.60	140	2:20	7.90	0.132
72.60	141	2:21	7.82	0.130
73.60	142	2:22	7.75	0.129
74.60	143	2:23	7.68	0.128
75.60	144	2:24	7.60	0.127
76.60	145	2:25	7.53	0.126
77.60	146	2:26	7.47	0.124
78.60	147	2:27	7.40	0.123
79.60	148	2:28	7.33	0.122
80.60	149	2:29	7.27	0.121
81.60	150	2:30	7.21	0.120
82.60	151	2:31	7.15	0.119
83.60	152	2:32	7.09	0.118
84.60	153	2:33	7.03	0.117
85.60	154	2:34	6.97	0.116
86.60	155	2:35	6.91	0.115
87.60	156	2:36	6.86	0.114
88.60	157	2:37	6.80	0.113
89.60	158	2:38	6.75	0.113
90.60	159	2:39	6.70	0.112
91.60	160	2:40	6.65	0.111
92.60	161	2:41	6.60	0.110
93.60	162	2:42	6.55	0.109
94.60	163	2:43	6.50	0.108
95.60	164	2:44	6.45	0.108
96.60	165	2:45	6.40	0.107
97.60	166	2:46	6.36	0.106
98.60	167	2:47	6.31	0.105
99.60	168	2:48	6.27	0.104
100.60	169	2:49	6.22	0.104
101.60	170	2:50	6.18	0.103
102.60	171	2:51	6.14	0.102
103.60	172	2:52	6.10	0.102
104.60	173	2:53	6.06	0.101
105.60	174	2:54	6.02	0.100
106.60	175	2:55	5.98	0.100
107.60	176	2:56	5.94	0.099
108.60	177	2:57	5.90	0.098
109.60	178	2:58	5.86	0.098
110.60	179	2:59	5.82	0.097
111.60	180	3:00	5.79	0.096



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CHICAGO HYETOGRAPH CREATION: 50 YEAR RETURN PERIOD

DATE: January 21, 2021
JOB No.: SBM-23-0467

Client: 2660619701 Ontario Inc.
Project: Proposed Industrial Subdivision
Location: 5965 Scotch Line Road, Elmira, ON.

ELMIRA - 3HRS CHICAGO RAINFALL DISTRIBUTION PARAMETERS:

Return Period (years)	A,B,C Parameters A	B	C
2	608.000	0.680	0.701
5	549.200	0.690	0.701
10	625.400	0.680	0.701
25	739.800	0.670	0.700
50	807.300	0.690	0.700
100	884.400	0.690	0.699

*Intensity i=A/(t+B)^C (mm/hr)

Rainfall Duration= 3 hours
Rainfall Duration= 180 minutes
Starting Time= 0.00
Time Step= 0.01
r= 0.38 MTO DMM Section B, Page 14

t_p = 1
t_a * r= 0.38
t_a * (1-r)= 0.62
i_p= 790.8 peak rainfall intensity, mm/h
t_b= 69.4 time before the peak intensity, min
t_a= 111.6 time after the peak intensity, min
Total Rainfall Depth= 55.7 mm

$i = \frac{A}{(t+B)^C}$ peak rainfall intensity

Define the peak:

$i_b = \frac{A\cdot(1-r)\cdot t_b + B\cdot C}{(r\cdot t_b + B)^{C+1}}$

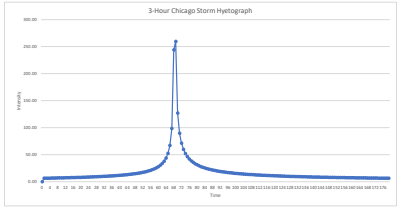
After the peak:

$i_a = \frac{A\cdot[(1-r)\cdot t_b+(1-r)\cdot Tt]}{(r\cdot t_b+(1-r)\cdot Tt+B)^{C+1}}$

Return Period (Years)	A,B,C Parameters A	B	C
50	807.300	0.690	0.700

50-Year Hyetograph

t_b OR t_a	Time (min)	Time (h:m)	Intensity	Rainfall Depth
68.40	0	0:00	0.00	0.000
67.40	1	0:01	6.46	0.108
66.40	2	0:02	6.53	0.109
65.40	3	0:03	6.60	0.110
64.40	4	0:04	6.67	0.111
63.40	5	0:05	6.74	0.112
62.40	6	0:06	6.82	0.114
61.40	7	0:07	6.89	0.115
60.40	8	0:08	6.97	0.116
59.40	9	0:09	7.05	0.118
58.40	10	0:10	7.14	0.119
57.40	11	0:11	7.23	0.120
56.40	12	0:12	7.32	0.122
55.40	13	0:13	7.41	0.123
54.40	14	0:14	7.50	0.125
53.40	15	0:15	7.60	0.127
52.40	16	0:16	7.70	0.128
51.40	17	0:17	7.81	0.130
50.40	18	0:18	7.92	0.132
49.40	19	0:19	8.03	0.134
48.40	20	0:20	8.14	0.136
47.40	21	0:21	8.26	0.138
46.40	22	0:22	8.39	0.140
45.40	23	0:23	8.52	0.142
44.40	24	0:24	8.65	0.144
43.40	25	0:25	8.79	0.146
42.40	26	0:26	8.93	0.149
41.40	27	0:27	9.08	0.151
40.40	28	0:28	9.24	0.154
39.40	29	0:29	9.41	0.157
38.40	30	0:30	9.58	0.160
37.40	31	0:31	9.75	0.163
36.40	32	0:32	9.94	0.166
35.40	33	0:33	10.14	0.169
34.40	34	0:34	10.34	0.172
33.40	35	0:35	10.56	0.176
32.40	36	0:36	10.79	0.180
31.40	37	0:37	11.03	0.184
30.40	38	0:38	11.28	0.188
29.40	39	0:39	11.55	0.192
28.40	40	0:40	11.83	0.197
27.40	41	0:41	12.13	0.202
26.40	42	0:42	12.45	0.208
25.40	43	0:43	12.79	0.213
24.40	44	0:44	13.16	0.219
23.40	45	0:45	13.55	0.226
22.40	46	0:46	13.97	0.233
21.40	47	0:47	14.42	0.240
20.40	48	0:48	14.92	0.249
19.40	49	0:49	15.45	0.258
18.40	50	0:50	16.04	0.267
17.40	51	0:51	16.68	0.278
16.40	52	0:52	17.38	0.290
15.40	53	0:53	18.17	0.303
14.40	54	0:54	19.04	0.317
13.40	55	0:55	20.03	0.334
12.40	56	0:56	21.15	0.352
11.40	57	0:57	22.43	0.374
10.40	58	0:58	23.93	0.399
9.40	59	0:59	25.68	0.428
8.40	60	1:00	27.80	0.463
7.40	61	1:01	30.38	0.506
6.40	62	1:02	33.65	0.561
5.40	63	1:03	37.92	0.632
4.40	64	1:04	43.79	0.730
3.40	65	1:05	52.52	0.875
2.40	66	1:06	67.17	1.120
1.40	67	1:07	98.48	1.641
0.40	68	1:08	243.91	4.065
0.60	69	1:09	259.59	4.327
1.60	70	1:10	127.04	2.117
2.60	71	1:11	89.81	1.497
3.60	72	1:12	71.29	1.188
4.60	73	1:13	59.94	0.999
5.60	74	1:14	52.17	0.870
6.60	75	1:15	46.47	0.774
7.60	76	1:16	42.07	0.701
8.60	77	1:17	38.57	0.643
9.60	78	1:18	35.69	0.595
10.60	79	1:19	33.29	0.555
11.60	80	1:20	31.25	0.521
12.60	81	1:21	29.49	0.491
13.60	82	1:22	27.95	0.466
14.60	83	1:23	26.59	0.443
15.60	84	1:24	25.38	0.423
16.60	85	1:25	24.30	0.405
17.60	86	1:26	23.32	0.389
18.60	87	1:27	22.43	0.374
19.60	88	1:28	21.62	0.360
20.60	89	1:29	20.88	0.348
21.60	90	1:30	20.20	0.337
22.60	91	1:31	19.57	0.326
23.60	92	1:32	18.98	0.316
24.60	93	1:33	18.44	0.307
25.60	94	1:34	17.93	0.299
26.60	95	1:35	17.45	0.291
27.60	96	1:36	17.01	0.283
28.60	97	1:37	16.59	0.276
29.60	98	1:38	16.19	0.270
30.60	99	1:39	15.82	0.264
31.60	100	1:40	15.47	0.258
32.60	101	1:41	15.13	0.252
33.60	102	1:42	14.82	0.247
34.60	103	1:43	14.52	0.242
35.60	104	1:44	14.23	0.237
36.60	105	1:45	13.96	0.233
37.60	106	1:46	13.69	0.228
38.60	107	1:47	13.44	0.224
39.60	108	1:48	13.21	0.220
40.60	109	1:49	12.98	0.216
41.60	110	1:50	12.76	0.213
42.60	111	1:51	12.55	0.209
43.60	112	1:52	12.35	0.206
44.60	113	1:53	12.15	0.203
45.60	114	1:54	11.96	0.199
46.60	115	1:55	11.78	0.196
47.60	116	1:56	11.61	0.193
48.60	117	1:57	11.44	0.191
49.60	118	1:58	11.28	0.188
50.60	119	1:59	11.12	0.185
51.60	120	2:00	10.97	0.183
52.60	121	2:01	10.82	0.180
53.60	122	2:02	10.68	0.178
54.60	123	2:03	10.54	0.176
55.60	124	2:04	10.41	0.174
56.60	125	2:05	10.28	0.171
57.60	126	2:06	10.16	0.169
58.60	127	2:07	10.04	0.167
59.60	128	2:08	9.92	0.165
60.60	129	2:09	9.80	0.163
61.60	130	2:10	9.69	0.162
62.60	131	2:11	9.58	0.160
63.60	132	2:12	9.48	0.158
64.60	133	2:13	9.37	0.156
65.60	134	2:14	9.27	0.155
66.60	135	2:15	9.17	0.153
67.60	136	2:16	9.08	0.151
68.60	137	2:17	8.99	0.150
69.60	138	2:18	8.90	0.148
70.60	139	2:19	8.81	0.147
71.60	140	2:20	8.72	0.145
72.60	141	2:21	8.64	0.144
73.60	142	2:22	8.55	0.143
74.60	143	2:23	8.47	0.141
75.60	144	2:24	8.40	0.140
76.60	145	2:25	8.32	0.139
77.60	146	2:26	8.24	0.137
78.60	147	2:27	8.17	0.136
79.60	148	2:28	8.10	0.135
80.60	149	2:29	8.03	0.134
81.60	150	2:30	7.96	0.133
82.60	151	2:31	7.89	0.132
83.60	152	2:32	7.82	0.130
84.60	153	2:33	7.76	0.129
85.60	154	2:34	7.70	0.128
86.60	155	2:35	7.63	0.127
87.60	156	2:36	7.57	0.126
88.60	157	2:37	7.51	0.125
89.60	158	2:38	7.45	0.124
90.60	159	2:39	7.40	0.123
91.60	160	2:40	7.34	0.122
92.60	161	2:41	7.28	0.121
93.60	162	2:42	7.23	0.120
94.60	163	2:43	7.18	0.120
95.60	164	2:44	7.12	0.119
96.60	165	2:45	7.07	0.118
97.60	166	2:46	7.02	0.117
98.60	167	2:47	6.97	0.116
99.60	168	2:48	6.92	0.115
100.60	169	2:49	6.87	0.115
101.60	170	2:50	6.83	0.114
102.60	171	2:51	6.78	0.113
103.60	172	2:52	6.73	0.112
104.60	173	2:53	6.69	0.111
105.60	174	2:54	6.64	0.111
106.60	175	2:55	6.60	0.110
107.60	176	2:56	6.56	0.109
108.60	177	2:57	6.51	0.108
109.60	178	2:58	6.47	0.108
110.60	179	2:59	6.43	0.107
111.60	180	3:00	6.39	0.107



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CHICAGO HYETOGRAPH CREATION: 100 YEAR RETURN PERIOD

DATE: January 21, 2021
JOB No.: SBM-23-5303

Client: 2065257251 Ontario Inc.
Project: Proposed Industrial Subdivision
Location: 5965 Scotch Line Road, Elmira, ON.

ELMIRA - 3HRS CHICAGO RAINFALL DISTRIBUTION PARAMETERS:

Return Period (years)	A,B,C Parameters A	B	C
2	608.600	0.680	0.781
5	569.200	0.690	0.781
10	625.400	0.680	0.781
25	739.800	0.670	0.780
50	807.400	0.640	0.760
100	884.400	0.610	0.699

*Intensity i=A/(t+B)^C (mm/hr)

Rainfall Duration= 3 hours
Rainfall Duration= 180 minutes
Starting Time= 0.00
Time Step= 0.01
r= 0.38 MTO DMM Section B, Page 14

t_p = 1
t_a = r= 0.38
t_b = (1-r)= 0.62
i_p = 878.3 peak rainfall intensity, mm/h
t_a= 68.4 time before the peak intensity, min
t_b = 111.6 time after the peak intensity, min
Total Rainfall Depth= 61.0 mm

$i = \frac{A}{(t+B)^C}$ peak rainfall intensity

Define the peak:

$i_p = \frac{A\cdot[(1-n)\cdot t_b+(1-n)\cdot t_a]}{[(t_a+r)\cdot t_b]^C}$

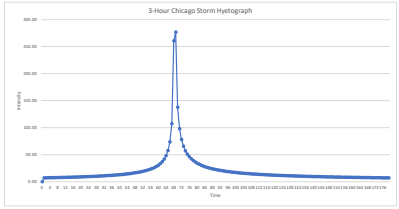
After the peak:

$i_a = \frac{A\cdot[(1-n)\cdot t_b+(1-n)\cdot T]}{[(t_b)\cdot(1-r)+T]^C}$

Return Period (Years)	A,B,C Parameters A	B	C
100	884.400	0.610	0.699

100-Year Hyetograph

t_a OR t_b	Time (min)	Time (h:m)	Intensity	Rainfall Depth
68.40	0	0:00	0.00	0.000
67.40	1	0:01	7.13	0.119
66.40	2	0:02	7.21	0.120
65.40	3	0:03	7.29	0.121
64.40	4	0:04	7.36	0.123
63.40	5	0:05	7.45	0.124
62.40	6	0:06	7.53	0.125
61.40	7	0:07	7.61	0.127
60.40	8	0:08	7.70	0.128
59.40	9	0:09	7.79	0.130
58.40	10	0:10	7.89	0.131
57.40	11	0:11	7.98	0.133
56.40	12	0:12	8.08	0.135
55.40	13	0:13	8.18	0.136
54.40	14	0:14	8.29	0.138
53.40	15	0:15	8.39	0.140
52.40	16	0:16	8.51	0.142
51.40	17	0:17	8.62	0.144
50.40	18	0:18	8.74	0.146
49.40	19	0:19	8.86	0.148
48.40	20	0:20	8.99	0.150
47.40	21	0:21	9.12	0.152
46.40	22	0:22	9.26	0.154
45.40	23	0:23	9.40	0.157
44.40	24	0:24	9.55	0.159
43.40	25	0:25	9.70	0.162
42.40	26	0:26	9.86	0.164
41.40	27	0:27	10.03	0.167
40.40	28	0:28	10.20	0.170
39.40	29	0:29	10.38	0.173
38.40	30	0:30	10.57	0.176
37.40	31	0:31	10.77	0.179
36.40	32	0:32	10.97	0.183
35.40	33	0:33	11.19	0.186
34.40	34	0:34	11.42	0.190
33.40	35	0:35	11.65	0.194
32.40	36	0:36	11.90	0.198
31.40	37	0:37	12.17	0.203
30.40	38	0:38	12.45	0.207
29.40	39	0:39	12.74	0.212
28.40	40	0:40	13.05	0.218
27.40	41	0:41	13.38	0.223
26.40	42	0:42	13.74	0.229
25.40	43	0:43	14.11	0.235
24.40	44	0:44	14.51	0.242
23.40	45	0:45	14.95	0.249
22.40	46	0:46	15.41	0.257
21.40	47	0:47	15.91	0.265
20.40	48	0:48	16.45	0.274
19.40	49	0:49	17.04	0.284
18.40	50	0:50	17.68	0.295
17.40	51	0:51	18.39	0.306
16.40	52	0:52	19.16	0.319
15.40	53	0:53	20.03	0.334
14.40	54	0:54	20.99	0.350
13.40	55	0:55	22.07	0.368
12.40	56	0:56	23.30	0.388
11.40	57	0:57	24.71	0.412
10.40	58	0:58	26.35	0.439
9.40	59	0:59	28.28	0.471
8.40	60	1:00	30.60	0.510
7.40	61	1:01	33.44	0.557
6.40	62	1:02	37.02	0.617
5.40	63	1:03	41.69	0.695
4.40	64	1:04	48.12	0.802
3.40	65	1:05	57.65	0.961
2.40	66	1:06	73.59	1.227
1.40	67	1:07	107.46	1.791
0.40	68	1:08	260.71	4.345
0.60	69	1:09	276.85	4.614
1.60	70	1:10	138.08	2.301
2.60	71	1:11	98.11	1.635
3.60	72	1:12	78.06	1.301
4.60	73	1:13	65.73	1.096
5.60	74	1:14	57.27	0.954
6.60	75	1:15	51.04	0.851
7.60	76	1:16	46.24	0.771
8.60	77	1:17	42.40	0.707
9.60	78	1:18	39.26	0.654
10.60	79	1:19	36.63	0.610
11.60	80	1:20	34.39	0.573
12.60	81	1:21	32.46	0.541
13.60	82	1:22	30.77	0.513
14.60	83	1:23	29.28	0.488
15.60	84	1:24	27.95	0.466
16.60	85	1:25	26.76	0.446
17.60	86	1:26	25.69	0.428
18.60	87	1:27	24.71	0.412
19.60	88	1:28	23.82	0.397
20.60	89	1:29	23.01	0.383
21.60	90	1:30	22.26	0.371
22.60	91	1:31	21.57	0.359
23.60	92	1:32	20.92	0.349
24.60	93	1:33	20.32	0.339
25.60	94	1:34	19.77	0.329
26.60	95	1:35	19.24	0.321
27.60	96	1:36	18.75	0.313
28.60	97	1:37	18.29	0.305
29.60	98	1:38	17.86	0.298
30.60	99	1:39	17.45	0.291
31.60	100	1:40	17.06	0.284
32.60	101	1:41	16.69	0.278
33.60	102	1:42	16.34	0.272
34.60	103	1:43	16.01	0.267
35.60	104	1:44	15.69	0.262
36.60	105	1:45	15.39	0.257
37.60	106	1:46	15.11	0.252
38.60	107	1:47	14.83	0.247
39.60	108	1:48	14.57	0.243
40.60	109	1:49	14.32	0.239
41.60	110	1:50	14.08	0.235
42.60	111	1:51	13.84	0.231
43.60	112	1:52	13.62	0.227
44.60	113	1:53	13.41	0.223
45.60	114	1:54	13.20	0.220
46.60	115	1:55	13.00	0.217
47.60	116	1:56	12.81	0.213
48.60	117	1:57	12.62	0.210
49.60	118	1:58	12.45	0.207
50.60	119	1:59	12.27	0.205
51.60	120	2:00	12.11	0.202
52.60	121	2:01	11.95	0.199
53.60	122	2:02	11.79	0.196
54.60	123	2:03	11.64	0.194
55.60	124	2:04	11.49	0.192
56.60	125	2:05	11.35	0.189
57.60	126	2:06	11.21	0.187
58.60	127	2:07	11.08	0.185
59.60	128	2:08	10.95	0.182
60.60	129	2:09	10.82	0.180
61.60	130	2:10	10.70	0.178
62.60	131	2:11	10.58	0.176
63.60	132	2:12	10.46	0.174
64.60	133	2:13	10.35	0.172
65.60	134	2:14	10.24	0.171
66.60	135	2:15	10.13	0.169
67.60	136	2:16	10.02	0.167
68.60	137	2:17	9.92	0.165
69.60	138	2:18	9.82	0.164
70.60	139	2:19	9.72	0.162
71.60	140	2:20	9.63	0.160
72.60	141	2:21	9.54	0.159
73.60	142	2:22	9.45	0.157
74.60	143	2:23	9.36	0.156
75.60	144	2:24	9.27	0.154
76.60	145	2:25	9.18	0.153
77.60	146	2:26	9.10	0.152
78.60	147	2:27	9.02	0.150
79.60	148	2:28	8.94	0.149
80.60	149	2:29	8.86	0.148
81.60	150	2:30	8.79	0.146
82.60	151	2:31	8.71	0.145
83.60	152	2:32	8.64	0.144
84.60	153	2:33	8.57	0.143
85.60	154	2:34	8.50	0.142
86.60	155	2:35	8.43	0.140
87.60	156	2:36	8.36	0.139
88.60	157	2:37	8.30	0.138
89.60	158	2:38	8.23	0.137
90.60	159	2:39	8.17	0.136
91.60	160	2:40	8.11	0.135
92.60	161	2:41	8.04	0.134
93.60	162	2:42	7.98	0.133
94.60	163	2:43	7.92	0.132
95.60	164	2:44	7.87	0.131
96.60	165	2:45	7.81	0.130
97.60	166	2:46	7.75	0.129
98.60	167	2:47	7.70	0.128
99.60	168	2:48	7.64	0.127
100.60	169	2:49	7.59	0.127
101.60	170	2:50	7.54	0.126
102.60	171	2:51	7.49	0.125
103.60	172	2:52	7.44	0.124
104.60	173	2:53	7.39	0.123
105.60	174	2:54	7.34	0.122
106.60	175	2:55	7.29	0.122
107.60	176	2:56	7.24	0.121
108.60	177	2:57	7.20	0.120
109.60	178	2:58	7.15	0.119
110.60	179	2:59	7.10	0.118
111.60	180	3:00	7.06	0.118



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CHICAGO HYETOGRAPH CREATION: HURRICANE HAZEL

DATE: February 3, 2021
JOB No.: SBM-19-3605

Client: 2600525725 Ontario Inc.
Project: Proposed Industrial Subdivision
Location: 1965 Scotch Line Road, Elmira, ON.

THE HURRICANE HAZEL FLOOD EVENT (O.Reg.41/24)

Rainfall (mm)	Time
73	First 36 hours
6	37th hour
4	38th hour
6	39th hour
13	40th hour
17	41th hour
13	42th hour
23	43th hour
13	44th hour
53	46th hour
38	47th hour
13	48th hour

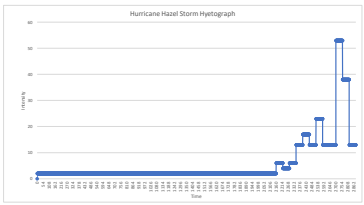
Rainfall Duration= 48 hours
Rainfall Duration= 2880 minutes
Starting Time= 0.00
Time Step= 0.01
r= 0.38 MTO OMM Section B, Page 14
t_p= 1 minutes
t_p * r= 0.38
t_p * 1-r)= 0.62
t_{pr} 1094.4 time before the peak intensity, min
t_{pl} 1785.6 time after the peak intensity, min

TABLE 1

73 millimetres of rain in the first 36 hours
6 millimetres of rain in the 37th hour
4 millimetres of rain in the 38th hour
6 millimetres of rain in the 39th hour
13 millimetres of rain in the 40th hour
17 millimetres of rain in the 41st hour
13 millimetres of rain in the 42nd hour
23 millimetres of rain in the 43rd hour
13 millimetres of rain in the 44th hour
13 millimetres of rain in the 45th hour
53 millimetres of rain in the 46th hour
38 millimetres of rain in the 47th hour
13 millimetres of rain in the 48th hour

Hurricane Hazel Storm Event

t_p OR t_r	Time (min)	Time (h:m)	Intensity (mm/hr)	Rainfall Depth (mm)	stal Rainfall Depth
1094.40	0	0:00	0.00	0.000	0
1093.40	1	0:01	2.03	0.034	0.034
1092.40	2	0:02	2.03	0.034	0.068
1091.40	3	0:03	2.03	0.034	0.101
1090.40	4	0:04	2.03	0.034	0.135
1089.40	5	0:05	2.03	0.034	0.169
1088.40	6	0:06	2.03	0.034	0.203
1087.40	7	0:07	2.03	0.034	0.236
1086.40	8	0:08	2.03	0.034	0.270
1085.40	9	0:09	2.03	0.034	0.304
1084.40	10	0:10	2.03	0.034	0.338
1083.40	11	0:11	2.03	0.034	0.372
1082.40	12	0:12	2.03	0.034	0.405
1081.40	13	0:13	2.03	0.034	0.439
1080.40	14	0:14	2.03	0.034	0.473
1079.40	15	0:15	2.03	0.034	0.507
1078.40	16	0:16	2.03	0.034	0.541
1077.40	17	0:17	2.03	0.034	0.574
1076.40	18	0:18	2.03	0.034	0.608
1075.40	19	0:19	2.03	0.034	0.642
1074.40	20	0:20	2.03	0.034	0.676
1073.40	21	0:21	2.03	0.034	0.709
1072.40	22	0:22	2.03	0.034	0.743
1071.40	23	0:23	2.03	0.034	0.777
1070.40	24	0:24	2.03	0.034	0.811
1069.40	25	0:25	2.03	0.034	0.845
1068.40	26	0:26	2.03	0.034	0.878
1067.40	27	0:27	2.03	0.034	0.912
1066.40	28	0:28	2.03	0.034	0.946
1065.40	29	0:29	2.03	0.034	0.980
1064.40	30	0:30	2.03	0.034	1.014
1063.40	31	0:31	2.03	0.034	1.047
1062.40	32	0:32	2.03	0.034	1.081
1061.40	33	0:33	2.03	0.034	1.115
1060.40	34	0:34	2.03	0.034	1.149
1059.40	35	0:35	2.03	0.034	1.182
1058.40	36	0:36	2.03	0.034	1.216
1057.40	37	0:37	2.03	0.034	1.250
1056.40	38	0:38	2.03	0.034	1.284
1055.40	39	0:39	2.03	0.034	1.318
1054.40	40	0:40	2.03	0.034	1.351
1053.40	41	0:41	2.03	0.034	1.385
1052.40	42	0:42	2.03	0.034	1.419
1051.40	43	0:43	2.03	0.034	1.453
1050.40	44	0:44	2.03	0.034	1.486
1049.40	45	0:45	2.03	0.034	1.520
1048.40	46	0:46	2.03	0.034	1.554
1047.40	47	0:47	2.03	0.034	1.588
1046.40	48	0:48	2.03	0.034	1.622
1045.40	49	0:49	2.03	0.034	1.655
1044.40	50	0:50	2.03	0.034	1.689
1043.40	51	0:51	2.03	0.034	1.723
1042.40	52	0:52	2.03	0.034	1.757
1041.40	53	0:53	2.03	0.034	1.791
1040.40	54	0:54	2.03	0.034	1.824
1039.40	55	0:55	2.03	0.034	1.858
1038.40	56	0:56	2.03	0.034	1.892
1037.40	57	0:57	2.03	0.034	1.926
1036.40	58	0:58	2.03	0.034	1.959
1035.40	59	0:59	2.03	0.034	1.993
1034.40	60	1:00	2.03	0.034	2.027
1033.40	61	1:01	2.03	0.034	2.061
1032.40	62	1:02	2.03	0.034	2.095
1031.40	63	1:03	2.03	0.034	2.128
1030.40	64	1:04	2.03	0.034	2.162
1029.40	65	1:05	2.03	0.034	2.196
1028.40	66	1:06	2.03	0.034	2.230
1027.40	67	1:07	2.03	0.034	2.263
1026.40	68	1:08	2.03	0.034	2.297
1025.40	69	1:09	2.03	0.034	2.331
1024.40	70	1:10	2.03	0.034	2.365
1023.40	71	1:11	2.03	0.034	2.399
1022.40	72	1:12	2.03	0.034	2.432
1021.40	73	1:13	2.03	0.034	2.466
1020.40	74	1:14	2.03	0.034	2.500
1019.40	75	1:15	2.03	0.034	2.534
1018.40	76	1:16	2.03	0.034	2.568
1017.40	77	1:17	2.03	0.034	2.601
1016.40	78	1:18	2.03	0.034	2.635
1015.40	79	1:19	2.03	0.034	2.669
1014.40	80	1:20	2.03	0.034	2.703
1013.40	81	1:21	2.03	0.034	2.736
1012.40	82	1:22	2.03	0.034	2.770
1011.40	83	1:23	2.03	0.034	2.804
1010.40	84	1:24	2.03	0.034	2.838
1009.40	85	1:25	2.03	0.034	2.872
1008.40	86	1:26	2.03	0.034	2.905
1007.40	87	1:27	2.03	0.034	2.939
1006.40	88	1:28	2.03	0.034	2.973
1005.40	89	1:29	2.03	0.034	3.007
1004.40	90	1:30	2.03	0.034	3.041
1003.40	91	1:31	2.03	0.034	3.074
1002.40	92	1:32	2.03	0.034	3.108
1001.40	93	1:33	2.03	0.034	3.142
1000.40	94	1:34	2.03	0.034	3.176
999.40	95	1:35	2.03	0.034	3.209
998.40	96	1:36	2.03	0.034	3.243
997.40	97	1:37	2.03	0.034	3.277
996.40	98	1:38	2.03	0.034	3.311
995.40	99	1:39	2.03	0.034	3.345
994.40	100	1:40	2.03	0.034	3.378
993.40	101	1:41	2.03	0.034	3.412
992.40	102	1:42	2.03	0.034	3.446
991.40	103	1:43	2.03	0.034	3.480
990.40	104	1:44	2.03	0.034	3.513
989.40	105	1:45	2.03	0.034	3.547
988.40	106	1:46	2.03	0.034	3.581
987.40	107	1:47	2.03	0.034	3.615
986.40	108	1:48	2.03	0.034	3.649
985.40	109	1:49	2.03	0.034	3.682
984.40	110	1:50	2.03	0.034	3.716
983.40	111	1:51	2.03	0.034	3.750
982.40	112	1:52	2.03	0.034	3.784
981.40	113	1:53	2.03	0.034	3.818
980.40	114	1:54	2.03	0.034	3.851
979.40	115	1:55	2.03	0.034	3.885
978.40	116	1:56	2.03	0.034	3.919
977.40	117	1:57	2.03	0.034	3.953
976.40	118	1:58	2.03	0.034	3.986
975.40	119	1:59	2.03	0.034	4.020
974.40	120	2:00	2.03	0.034	4.054
973.40	121	2:01	2.03	0.034	4.088
972.40	122	2:02	2.03	0.034	4.122
971.40	123	2:03	2.03	0.034	4.155
970.40	124	2:04	2.03	0.034	4.189
969.40	125	2:05	2.03	0.034	4.223
968.40	126	2:06	2.03	0.034	4.257
967.40	127	2:07	2.03	0.034	4.290
966.40	128	2:08	2.03	0.034	4.324
965.40	129	2:09	2.03	0.034	4.358
964.40	130	2:10	2.03	0.034	4.392
963.40	131	2:11	2.03	0.034	4.426
962.40	132	2:12	2.03	0.034	4.459
961.40	133	2:13	2.03	0.034	4.493
960.40	134	2:14	2.03	0.034	4.527
959.40	135	2:15	2.03	0.034	4.561
958.40	136	2:16	2.03	0.034	4.595
957.40	137	2:17	2.03	0.034	4.628
956.40	138	2:18	2.03	0.034	4.662
955.40	139	2:19	2.03	0.034	4.696
954.40	140	2:20	2.03	0.034	4.730
953.40	141	2:21	2.03	0.034	4.763
952.40	142	2:22	2.03	0.034	4.797
951.40	143	2:23	2.03	0.034	4.831
950.40	144	2:24	2.03	0.034	4.865
949.40	145	2:25	2.03	0.034	4.899
948.40	146	2:26	2.03	0.034	4.932
947.40	147	2:27	2.03	0.034	4.966
946.40	148	2:28	2.03	0.034	5.000
945.40	149	2:29	2.03	0.034	5.034
944.40	150	2:30	2.03	0.034	5.068
943.40	151	2:31	2.03	0.034	5.101
942.40	152	2:32	2.03	0.034	5.135
941.40	153	2:33	2.03	0.034	5.169
940.40	154	2:34	2.03	0.034	5.203
939.40	155	2:35	2.03	0.034	5.236
938.40	156	2:36	2.03	0.034	5.270
937.40	157	2:37	2.03	0.034	5.304
936.40	158	2:38	2.03	0.034	5.338
935.40	159	2:39	2.03	0.034	5.372
934.40	160	2:40	2.03	0.034	5.405
933.40	161	2:41	2.03	0.034	5.439
932.40	162	2:42	2.03	0.034	5.473
931.40	163	2:43	2.03	0.034	5.507
930.40	164	2:44	2.03	0.034	5.540
929.40	165	2:45	2.03	0.034	5.574
928.40	166	2:46	2.03	0.034	5.608
927.40	167	2:47	2.03	0.034	5.642
926.40	168	2:48	2.03	0.034	5.676
925.40	169	2:49	2.03	0.034	5.709
924.40	170	2:50	2.03	0.034	5.743
923.40	171	2:51	2.03	0.034	5.777
922.40	172	2:52	2.03	0.034	5.811
921.40	173	2:53	2.03	0.034	5.845
920.40	174	2:54	2.03	0.034	5.878
919.40	175	2:55	2.03	0.034	5.912
918.40	176	2:56	2.03	0.034	5.946
917.40	177	2:57	2.03	0.034	5.980
916.40	178	2:58	2.03	0.034	6.013
915.40	179	2:59	2.03	0.034	6.047
914.40	180	3:00	2.03	0.034	6.081
913.40	181	3:01	2.03	0.034	6.115
912.40	182	3:02	2.03	0.034	6.149
911.40	183	3:03	2.03	0.034	6.182
910.40	184	3:04	2.03	0.034	6.216



909.40	185	3:05	2.03	0.034	6.250
908.40	186	3:06	2.03	0.034	6.284
907.40	187	3:07	2.03	0.034	6.317
906.40	188	3:08	2.03	0.034	6.351
905.40	189	3:09	2.03	0.034	6.385
904.40	190	3:10	2.03	0.034	6.419
903.40	191	3:11	2.03	0.034	6.453
902.40	192	3:12	2.03	0.034	6.486
901.40	193	3:13	2.03	0.034	6.520
900.40	194	3:14	2.03	0.034	6.554
899.40	195	3:15	2.03	0.034	6.588
898.40	196	3:16	2.03	0.034	6.622
897.40	197	3:17	2.03	0.034	6.655
896.40	198	3:18	2.03	0.034	6.689
895.40	199	3:19	2.03	0.034	6.723
894.40	200	3:20	2.03	0.034	6.757
893.40	201	3:21	2.03	0.034	6.790
892.40	202	3:22	2.03	0.034	6.824
891.40	203	3:23	2.03	0.034	6.858
890.40	204	3:24	2.03	0.034	6.892
889.40	205	3:25	2.03	0.034	6.926
888.40	206	3:26	2.03	0.034	6.959
887.40	207	3:27	2.03	0.034	6.993
886.40	208	3:28	2.03	0.034	7.027
885.40	209	3:29	2.03	0.034	7.061
884.40	210	3:30	2.03	0.034	7.094
883.40	211	3:31	2.03	0.034	7.128
882.40	212	3:32	2.03	0.034	7.162
881.40	213	3:33	2.03	0.034	7.196
880.40	214	3:34	2.03	0.034	7.230
879.40	215	3:35	2.03	0.034	7.263
878.40	216	3:36	2.03	0.034	7.297
877.40	217	3:37	2.03	0.034	7.331
876.40	218	3:38	2.03	0.034	7.365
875.40	219	3:39	2.03	0.034	7.399
874.40	220	3:40	2.03	0.034	7.432
873.40	221	3:41	2.03	0.034	7.466
872.40	222	3:42	2.03	0.034	7.500
871.40	223	3:43	2.03	0.034	7.534
870.40	224	3:44	2.03	0.034	7.567
869.40	225	3:45	2.03	0.034	7.601
868.40	226	3:46	2.03	0.034	7.635
867.40	227	3:47	2.03	0.034	7.669
866.40	228	3:48	2.03	0.034	7.703
865.40	229	3:49	2.03	0.034	7.736
864.40	230	3:50	2.03	0.034	7.770
863.40	231	3:51	2.03	0.034	7.804
862.40	232	3:52	2.03	0.034	7.838
861.40	233	3:53	2.03	0.034	7.872
860.40	234	3:54	2.03	0.034	7.905
859.40	235	3:55	2.03	0.034	7.939
858.40	236	3:56	2.03	0.034	7.973
857.40	237	3:57	2.03	0.034	8.007
856.40	238	3:58	2.03	0.034	8.040
855.40	239	3:59	2.03	0.034	8.074
854.40	240	4:00	2.03	0.034	8.108
853.40	241	4:01	2.03	0.034	8.142
852.40	242	4:02	2.03	0.034	8.176
851.40	243	4:03	2.03	0.034	8.209
850.40	244	4:04	2.03	0.034	8.243
849.40	245	4:05	2.03	0.034	8.277
848.40	246	4:06	2.03	0.034	8.311
847.40	247	4:07	2.03	0.034	8.344
846.40	248	4:08	2.03	0.034	8.378
845.40	249	4:09	2.03	0.034	8.412
844.40	250	4:10	2.03	0.034	8.446
843.40	251	4:11	2.03	0.034	8.480
842.40	252	4:12	2.03	0.034	8.513
841.40	253	4:13	2.03	0.034	8.547
840.40	254	4:14	2.03	0.034	8.581
839.40	255	4:15	2.03	0.034	8.615
838.40	256	4:16	2.03	0.034	8.649
837.40	257	4:17	2.03	0.034	8.682
836.40	258	4:18	2.03	0.034	8.716
835.40	259	4:19	2.03	0.034	8.750
834.40	260	4:20	2.03	0.034	8.784
833.40	261	4:21	2.03	0.034	8.817
832.40	262	4:22	2.03	0.034	8.851
831.40	263	4:23	2.03	0.034	8.885
830.40	264	4:24	2.03	0.034	8.919
829.40	265	4:25	2.03	0.034	8.953
828.40	266	4:26	2.03	0.034	8.986
827.40	267	4:27	2.03	0.034	9.020
826.40	268	4:28	2.03	0.034	9.054
825.40	269	4:29	2.03	0.034	9.088
824.40	270	4:30	2.03	0.034	9.121
823.40	271	4:31	2.03	0.034	9.155
822.40	272	4:32	2.03	0.034	9.189
821.40	273	4:33	2.03	0.034	9.223
820.40	274	4:34	2.03	0.034	9.257
819.40	275	4:35	2.03	0.034	9.290
818.40	276	4:36	2.03	0.034	9.324
817.40	277	4:37	2.03	0.034	9.358
816.40	278	4:38	2.03	0.034	9.392
815.40	279	4:39	2.03	0.034	9.426
814.40	280	4:40	2.03	0.034	9.459
813.40	281	4:41	2.03	0.034	9.493
812.40	282	4:42	2.03	0.034	9.527
811.40	283	4:43	2.03	0.034	9.561
810.40	284	4:44	2.03	0.034	9.594
809.40	285	4:45	2.03	0.034	9.628
808.40	286	4:46	2.03	0.034	9.662
807.40	287	4:47	2.03	0.034	9.696
806.40	288	4:48	2.03	0.034	9.730
805.40	289	4:49	2.03	0.034	9.763
804.40	290	4:50	2.03	0.034	9.797
803.40	291	4:51	2.03	0.034	9.831
802.40	292	4:52	2.03	0.034	9.865
801.40	293	4:53	2.03	0.034	9.899
800.40	294	4:54	2.03	0.034	9.932
799.40	295	4:55	2.03	0.034	9.966
798.40	296	4:56	2.03	0.034	10.000
797.40	297	4:57	2.03	0.034	10.034
796.40	298	4:58	2.03	0.034	10.067
795.40	299	4:59	2.03	0.034	10.101
794.40	300	5:00	2.03	0.034	10.135
793.40	301	5:01	2.03	0.034	10.169
792.40	302	5:02	2.03	0.034	10.203
791.40	303	5:03	2.03	0.034	10.236
790.40	304	5:04	2.03	0.034	10.270
789.40	305	5:05	2.03	0.034	10.304
788.40	306	5:06	2.03	0.034	10.338
787.40	307	5:07	2.03	0.034	10.371
786.40	308	5:08	2.03	0.034	10.405
785.40	309	5:09	2.03	0.034	10.439
784.40	310	5:10	2.03	0.034	10.473
783.40	311	5:11	2.03	0.034	10.507
782.40	312	5:12	2.03	0.034	10.540
781.40	313	5:13	2.03	0.034	10.574
780.40	314	5:14	2.03	0.034	10.608
779.40	315	5:15	2.03	0.034	10.642
778.40	316	5:16	2.03	0.034	10.676
777.40	317	5:17	2.03	0.034	10.709
776.40	318	5:18	2.03	0.034	10.743
775.40	319	5:19	2.03	0.034	10.777
774.40	320	5:20	2.03	0.034	10.811
773.40	321	5:21	2.03	0.034	10.844
772.40	322	5:22	2.03	0.034	10.878
771.40	323	5:23	2.03	0.034	10.912
770.40	324	5:24	2.03	0.034	10.946
769.40	325	5:25	2.03	0.034	10.980
768.40	326	5:26	2.03	0.034	11.013
767.40	327	5:27	2.03	0.034	11.047
766.40	328	5:28	2.03	0.034	11.081
765.40	329	5:29	2.03	0.034	11.115
764.40	330	5:30	2.03	0.034	11.149
763.40	331	5:31	2.03	0.034	11.182
762.40	332	5:32	2.03	0.034	11.216
761.40	333	5:33	2.03	0.034	11.250
760.40	334	5:34	2.03	0.034	11.284
759.40	335	5:35	2.03	0.034	11.317
758.40	336	5:36	2.03	0.034	11.351
757.40	337	5:37	2.03	0.034	11.385
756.40	338	5:38	2.03	0.034	11.419
755.40	339	5:39	2.03	0.034	11.453
754.40	340	5:40	2.03	0.034	11.486
753.40	341	5:41	2.03	0.034	11.520
752.40	342	5:42	2.03	0.034	11.554
751.40	343	5:43	2.03	0.034	11.588
750.40	344	5:44	2.03	0.034	11.621
749.40	345	5:45	2.03	0.034	11.655
748.40	346	5:46	2.03	0.034	11.689
747.40	347	5:47	2.03	0.034	11.723
746.40	348	5:48	2.03	0.034	11.757
745.40	349	5:49	2.03	0.034	11.790
744.40	350	5:50	2.03	0.034	11.824
743.40	351	5:51	2.03	0.034	11.858
742.40	352	5:52	2.03	0.034	11.892
741.40	353	5:53	2.03	0.034	11.926
740.40	354	5:54	2.03	0.034	11.959
739.40	355	5:55	2.03	0.034	11.993
738.40	356	5:56	2.03	0.034	12.027
737.40	357	5:57	2.03	0.034	12.061
736.40	358	5:58	2.03	0.034	12.094
735.40	359	5:59	2.03	0.034	12.128
734.40	360	6:00	2.03	0.034	12.162
733.40	361	6:01	2.03	0.034	12.196
732.40	362	6:02	2.03	0.034	12.230
731.40	363	6:03	2.03	0.034	12.263
730.40	364	6:04	2.03	0.034	12.297
729.40	365	6:05	2.03	0.034	12.331
728.40	366	6:06	2.03	0.034	12.365
727.40	367	6:07	2.03	0.034	12.398
726.40	368	6:08	2.03	0.034	12.432
725.40	369	6:09	2.03	0.034	12.466
724.40	370	6:10	2.03	0.034	12.500
723.40	371	6:11	2.03	0.034	12.534
722.40	372	6:12	2.03	0.034	12.567
721.40	373	6:13	2.03	0.034	12.601
720.40	374	6:14	2.03	0.034	12.635
719.40	375	6:15	2.03	0.034	12.669
718.40	376	6:16	2.03	0.034	12.703
717.40	377	6:17	2.03	0.034	12.736
716.40	378	6:18	2.03	0.034	12.770
715.40	379	6:19	2.03	0.034	12.804
714.40	380	6:20	2.03	0.034	12.838
713.40	381	6:21	2.03	0.034	12.871
712.40	382	6:22	2.03	0.034	12.905
711.40	383	6:23	2.03	0.034	12.939
710.40	384	6:24	2.03	0.034	12.973
709.40	385	6:25	2.03	0.034	13.007
708.40	386	6:26	2.03	0.034	13.040
707.40	387	6:27	2.03	0.034	13.074
706.40	388	6:28	2.03	0.034	13.108
705.40	389	6:29	2.03	0.034	13.142
704.40	390	6:30	2.03	0.034	13.176
703.40	391	6:31	2.03	0.034	13.209
702.40	392	6:32	2.03	0.034	13.243
701.40	393	6:33	2.03	0.034	13.277
700.40	394	6:34	2.03	0.034	13.311
699.40	395	6:35	2.03	0.034	13.344
698.40	396	6:36	2.03	0.034	13.378
697.40	397	6:37	2.03	0.034	13.412
696.40	398	6:38	2.03	0.034	13.446
695.40	399	6:39	2.03	0.034	13.480
694.40	400	6:40	2.03	0.034	13.513
693.40	401	6:41	2.03	0.034	13.547
692.40	402	6:42	2.03	0.034	13.581
691.40	403	6:43	2.03	0.034	13.615
690.40	404	6:44	2.03	0.034	13.648
689.40	405	6:45	2.03	0.034	13.682
688.40	406	6:46	2.03	0.034	13.716
687.40	407	6:47	2.03	0.034	13.750
686.40	408	6:48	2.03	0.034	13.784
685.40	409	6:49	2.03	0.034	13.817
684.40	410	6:50	2.03	0.034	13.851
683.40	411	6:51	2.03	0.034	13.885
682.40	412	6:52	2.03	0.034	13.919
681.40	413	6:53	2.03	0.034	13.953
680.40	414	6:54	2.03	0.034	13.986
679.40	415	6:55	2.03	0.034	14.020
678.40	416	6:56	2.03	0.034	14.054
677.40	417	6:57	2.03	0.034	14.088
676.40	418	6:58	2.03	0.034	14.121
675.40	419	6:59	2.03	0.034	14.155
674.40	420	7:00	2.03	0.034	14.189
673.40	421	7:01	2.03	0.034	14.223

672.40	422	7:02	2.03	0.034	14.257
671.40	423	7:03	2.03	0.034	14.290
670.40	424	7:04	2.03	0.034	14.324
669.40	425	7:05	2.03	0.034	14.358
668.40	426	7:06	2.03	0.034	14.392
667.40	427	7:07	2.03	0.034	14.425
666.40	428	7:08	2.03	0.034	14.459
665.40	429	7:09	2.03	0.034	14.493
664.40	430	7:10	2.03	0.034	14.527
663.40	431	7:11	2.03	0.034	14.561
662.40	432	7:12	2.03	0.034	14.594
661.40	433	7:13	2.03	0.034	14.628
660.40	434	7:14	2.03	0.034	14.662
659.40	435	7:15	2.03	0.034	14.696
658.40	436	7:16	2.03	0.034	14.730
657.40	437	7:17	2.03	0.034	14.763
656.40	438	7:18	2.03	0.034	14.797
655.40	439	7:19	2.03	0.034	14.831
654.40	440	7:20	2.03	0.034	14.865
653.40	441	7:21	2.03	0.034	14.898
652.40	442	7:22	2.03	0.034	14.932
651.40	443	7:23	2.03	0.034	14.966
650.40	444	7:24	2.03	0.034	15.000
649.40	445	7:25	2.03	0.034	15.034
648.40	446	7:26	2.03	0.034	15.067
647.40	447	7:27	2.03	0.034	15.101
646.40	448	7:28	2.03	0.034	15.135
645.40	449	7:29	2.03	0.034	15.169
644.40	450	7:30	2.03	0.034	15.203
643.40	451	7:31	2.03	0.034	15.236
642.40	452	7:32	2.03	0.034	15.270
641.40	453	7:33	2.03	0.034	15.304
640.40	454	7:34	2.03	0.034	15.338
639.40	455	7:35	2.03	0.034	15.371
638.40	456	7:36	2.03	0.034	15.405
637.40	457	7:37	2.03	0.034	15.439
636.40	458	7:38	2.03	0.034	15.473
635.40	459	7:39	2.03	0.034	15.507
634.40	460	7:40	2.03	0.034	15.540
633.40	461	7:41	2.03	0.034	15.574
632.40	462	7:42	2.03	0.034	15.608
631.40	463	7:43	2.03	0.034	15.642
630.40	464	7:44	2.03	0.034	15.675
629.40	465	7:45	2.03	0.034	15.709
628.40	466	7:46	2.03	0.034	15.743
627.40	467	7:47	2.03	0.034	15.777
626.40	468	7:48	2.03	0.034	15.811
625.40	469	7:49	2.03	0.034	15.844
624.40	470	7:50	2.03	0.034	15.878
623.40	471	7:51	2.03	0.034	15.912
622.40	472	7:52	2.03	0.034	15.946
621.40	473	7:53	2.03	0.034	15.980
620.40	474	7:54	2.03	0.034	16.013
619.40	475	7:55	2.03	0.034	16.047
618.40	476	7:56	2.03	0.034	16.081
617.40	477	7:57	2.03	0.034	16.115
616.40	478	7:58	2.03	0.034	16.148
615.40	479	7:59	2.03	0.034	16.182
614.40	480	8:00	2.03	0.034	16.216
613.40	481	8:01	2.03	0.034	16.250
612.40	482	8:02	2.03	0.034	16.284
611.40	483	8:03	2.03	0.034	16.317
610.40	484	8:04	2.03	0.034	16.351
609.40	485	8:05	2.03	0.034	16.385
608.40	486	8:06	2.03	0.034	16.419
607.40	487	8:07	2.03	0.034	16.452
606.40	488	8:08	2.03	0.034	16.486
605.40	489	8:09	2.03	0.034	16.520
604.40	490	8:10	2.03	0.034	16.554
603.40	491	8:11	2.03	0.034	16.588
602.40	492	8:12	2.03	0.034	16.621
601.40	493	8:13	2.03	0.034	16.655
600.40	494	8:14	2.03	0.034	16.689
599.40	495	8:15	2.03	0.034	16.723
598.40	496	8:16	2.03	0.034	16.757
597.40	497	8:17	2.03	0.034	16.790
596.40	498	8:18	2.03	0.034	16.824
595.40	499	8:19	2.03	0.034	16.858
594.40	500	8:20	2.03	0.034	16.892
593.40	501	8:21	2.03	0.034	16.925
592.40	502	8:22	2.03	0.034	16.959
591.40	503	8:23	2.03	0.034	16.993
590.40	504	8:24	2.03	0.034	17.027
589.40	505	8:25	2.03	0.034	17.061
588.40	506	8:26	2.03	0.034	17.094
587.40	507	8:27	2.03	0.034	17.128
586.40	508	8:28	2.03	0.034	17.162
585.40	509	8:29	2.03	0.034	17.196
584.40	510	8:30	2.03	0.034	17.230
583.40	511	8:31	2.03	0.034	17.263
582.40	512	8:32	2.03	0.034	17.297
581.40	513	8:33	2.03	0.034	17.331
580.40	514	8:34	2.03	0.034	17.365
579.40	515	8:35	2.03	0.034	17.398
578.40	516	8:36	2.03	0.034	17.432
577.40	517	8:37	2.03	0.034	17.466
576.40	518	8:38	2.03	0.034	17.500
575.40	519	8:39	2.03	0.034	17.534
574.40	520	8:40	2.03	0.034	17.567
573.40	521	8:41	2.03	0.034	17.601
572.40	522	8:42	2.03	0.034	17.635
571.40	523	8:43	2.03	0.034	17.669
570.40	524	8:44	2.03	0.034	17.702
569.40	525	8:45	2.03	0.034	17.736
568.40	526	8:46	2.03	0.034	17.770
567.40	527	8:47	2.03	0.034	17.804
566.40	528	8:48	2.03	0.034	17.838
565.40	529	8:49	2.03	0.034	17.871
564.40	530	8:50	2.03	0.034	17.905
563.40	531	8:51	2.03	0.034	17.939
562.40	532	8:52	2.03	0.034	17.973
561.40	533	8:53	2.03	0.034	18.007
560.40	534	8:54	2.03	0.034	18.040
559.40	535	8:55	2.03	0.034	18.074
558.40	536	8:56	2.03	0.034	18.108
557.40	537	8:57	2.03	0.034	18.142
556.40	538	8:58	2.03	0.034	18.175
555.40	539	8:59	2.03	0.034	18.209
554.40	540	9:00	2.03	0.034	18.243
553.40	541	9:01	2.03	0.034	18.277
552.40	542	9:02	2.03	0.034	18.311
551.40	543	9:03	2.03	0.034	18.344
550.40	544	9:04	2.03	0.034	18.378
549.40	545	9:05	2.03	0.034	18.412
548.40	546	9:06	2.03	0.034	18.446
547.40	547	9:07	2.03	0.034	18.479
546.40	548	9:08	2.03	0.034	18.513
545.40	549	9:09	2.03	0.034	18.547
544.40	550	9:10	2.03	0.034	18.581
543.40	551	9:11	2.03	0.034	18.615
542.40	552	9:12	2.03	0.034	18.648
541.40	553	9:13	2.03	0.034	18.682
540.40	554	9:14	2.03	0.034	18.716
539.40	555	9:15	2.03	0.034	18.750
538.40	556	9:16	2.03	0.034	18.784
537.40	557	9:17	2.03	0.034	18.817
536.40	558	9:18	2.03	0.034	18.851
535.40	559	9:19	2.03	0.034	18.885
534.40	560	9:20	2.03	0.034	18.919
533.40	561	9:21	2.03	0.034	18.952
532.40	562	9:22	2.03	0.034	18.986
531.40	563	9:23	2.03	0.034	19.020
530.40	564	9:24	2.03	0.034	19.054
529.40	565	9:25	2.03	0.034	19.088
528.40	566	9:26	2.03	0.034	19.121
527.40	567	9:27	2.03	0.034	19.155
526.40	568	9:28	2.03	0.034	19.189
525.40	569	9:29	2.03	0.034	19.223
524.40	570	9:30	2.03	0.034	19.257
523.40	571	9:31	2.03	0.034	19.290
522.40	572	9:32	2.03	0.034	19.324
521.40	573	9:33	2.03	0.034	19.358
520.40	574	9:34	2.03	0.034	19.392
519.40	575	9:35	2.03	0.034	19.425
518.40	576	9:36	2.03	0.034	19.459
517.40	577	9:37	2.03	0.034	19.493
516.40	578	9:38	2.03	0.034	19.527
515.40	579	9:39	2.03	0.034	19.561
514.40	580	9:40	2.03	0.034	19.594
513.40	581	9:41	2.03	0.034	19.628
512.40	582	9:42	2.03	0.034	19.662
511.40	583	9:43	2.03	0.034	19.696
510.40	584	9:44	2.03	0.034	19.729
509.40	585	9:45	2.03	0.034	19.763
508.40	586	9:46	2.03	0.034	19.797
507.40	587	9:47	2.03	0.034	19.831
506.40	588	9:48	2.03	0.034	19.865
505.40	589	9:49	2.03	0.034	19.898
504.40	590	9:50	2.03	0.034	19.932
503.40	591	9:51	2.03	0.034	19.966
502.40	592	9:52	2.03	0.034	20.000
501.40	593	9:53	2.03	0.034	20.034
500.40	594	9:54	2.03	0.034	20.067
499.40	595	9:55	2.03	0.034	20.101
498.40	596	9:56	2.03	0.034	20.135
497.40	597	9:57	2.03	0.034	20.169
496.40	598	9:58	2.03	0.034	20.202
495.40	599	9:59	2.03	0.034	20.236
494.40	600	10:00	2.03	0.034	20.270
493.40	601	10:01	2.03	0.034	20.304
492.40	602	10:02	2.03	0.034	20.338
491.40	603	10:03	2.03	0.034	20.371
490.40	604	10:04	2.03	0.034	20.405
489.40	605	10:05	2.03	0.034	20.439
488.40	606	10:06	2.03	0.034	20.473
487.40	607	10:07	2.03	0.034	20.506
486.40	608	10:08	2.03	0.034	20.540
485.40	609	10:09	2.03	0.034	20.574
484.40	610	10:10	2.03	0.034	20.608
483.40	611	10:11	2.03	0.034	20.642
482.40	612	10:12	2.03	0.034	20.675
481.40	613	10:13	2.03	0.034	20.709
480.40	614	10:14	2.03	0.034	20.743
479.40	615	10:15	2.03	0.034	20.777
478.40	616	10:16	2.03	0.034	20.811
477.40	617	10:17	2.03	0.034	20.844
476.40	618	10:18	2.03	0.034	20.878
475.40	619	10:19	2.03	0.034	20.912
474.40	620	10:20	2.03	0.034	20.946
473.40	621	10:21	2.03	0.034	20.979
472.40	622	10:22	2.03	0.034	21.013
471.40	623	10:23	2.03	0.034	21.047
470.40	624	10:24	2.03	0.034	21.081
469.40	625	10:25	2.03	0.034	21.115
468.40	626	10:26	2.03	0.034	21.148
467.40	627	10:27	2.03	0.034	21.182
466.40	628	10:28	2.03	0.034	21.216
465.40	629	10:29	2.03	0.034	21.250
464.40	630	10:30	2.03	0.034	21.283
463.40	631	10:31	2.03	0.034	21.317
462.40	632	10:32	2.03	0.034	21.351
461.40	633	10:33	2.03	0.034	21.385
460.40	634	10:34	2.03	0.034	21.419
459.40	635	10:35	2.03	0.034	21.452
458.40	636	10:36	2.03	0.034	21.486
457.40	637	10:37	2.03	0.034	21.520
456.40	638	10:38	2.03	0.034	21.554
455.40	639	10:39	2.03	0.034	21.588
454.40	640	10:40	2.03	0.034	21.621
453.40	641	10:41	2.03	0.034	21.655
452.40	642	10:42	2.03	0.034	21.689
451.40	643	10:43	2.03	0.034	21.723
450.40	644	10:44	2.03	0.034	21.756
449.40	645	10:45	2.03	0.034	21.790
448.40	646	10:46	2.03	0.034	21.824
447.40	647	10:47	2.03	0.034	21.858
446.40	648	10:48	2.03	0.034	21.892
445.40	649	10:49	2.03	0.034	21.925
444.40	650	10:50	2.03	0.034	21.959
443.40	651	10:51	2.03	0.034	21.993
442.40	652	10:52	2.03	0.034	22.027
441.40	653	10:53	2.03	0.034	22.061
440.40	654	10:54	2.03	0.034	22.094
439.40	655	10:55	2.03	0.034	22.128
438.40	656	10:56	2.03	0.034	22.162
437.40	657	10:57	2.03	0.034	22.196
436.40	658	10:58	2.03	0.034	22.229

435.40	659	10:59	2.03	0.034	22.263
434.40	660	11:00	2.03	0.034	22.297
433.40	661	11:01	2.03	0.034	22.331
432.40	662	11:02	2.03	0.034	22.365
431.40	663	11:03	2.03	0.034	22.398
430.40	664	11:04	2.03	0.034	22.432
429.40	665	11:05	2.03	0.034	22.466
428.40	666	11:06	2.03	0.034	22.500
427.40	667	11:07	2.03	0.034	22.533
426.40	668	11:08	2.03	0.034	22.567
425.40	669	11:09	2.03	0.034	22.601
424.40	670	11:10	2.03	0.034	22.635
423.40	671	11:11	2.03	0.034	22.669
422.40	672	11:12	2.03	0.034	22.702
421.40	673	11:13	2.03	0.034	22.736
420.40	674	11:14	2.03	0.034	22.770
419.40	675	11:15	2.03	0.034	22.804
418.40	676	11:16	2.03	0.034	22.838
417.40	677	11:17	2.03	0.034	22.871
416.40	678	11:18	2.03	0.034	22.905
415.40	679	11:19	2.03	0.034	22.939
414.40	680	11:20	2.03	0.034	22.973
413.40	681	11:21	2.03	0.034	23.006
412.40	682	11:22	2.03	0.034	23.040
411.40	683	11:23	2.03	0.034	23.074
410.40	684	11:24	2.03	0.034	23.108
409.40	685	11:25	2.03	0.034	23.142
408.40	686	11:26	2.03	0.034	23.175
407.40	687	11:27	2.03	0.034	23.209
406.40	688	11:28	2.03	0.034	23.243
405.40	689	11:29	2.03	0.034	23.277
404.40	690	11:30	2.03	0.034	23.310
403.40	691	11:31	2.03	0.034	23.344
402.40	692	11:32	2.03	0.034	23.378
401.40	693	11:33	2.03	0.034	23.412
400.40	694	11:34	2.03	0.034	23.446
399.40	695	11:35	2.03	0.034	23.479
398.40	696	11:36	2.03	0.034	23.513
397.40	697	11:37	2.03	0.034	23.547
396.40	698	11:38	2.03	0.034	23.581
395.40	699	11:39	2.03	0.034	23.615
394.40	700	11:40	2.03	0.034	23.648
393.40	701	11:41	2.03	0.034	23.682
392.40	702	11:42	2.03	0.034	23.716
391.40	703	11:43	2.03	0.034	23.750
390.40	704	11:44	2.03	0.034	23.783
389.40	705	11:45	2.03	0.034	23.817
388.40	706	11:46	2.03	0.034	23.851
387.40	707	11:47	2.03	0.034	23.885
386.40	708	11:48	2.03	0.034	23.919
385.40	709	11:49	2.03	0.034	23.952
384.40	710	11:50	2.03	0.034	23.986
383.40	711	11:51	2.03	0.034	24.020
382.40	712	11:52	2.03	0.034	24.054
381.40	713	11:53	2.03	0.034	24.088
380.40	714	11:54	2.03	0.034	24.121
379.40	715	11:55	2.03	0.034	24.155
378.40	716	11:56	2.03	0.034	24.189
377.40	717	11:57	2.03	0.034	24.223
376.40	718	11:58	2.03	0.034	24.256
375.40	719	11:59	2.03	0.034	24.290
374.40	720	12:00	2.03	0.034	24.324
373.40	721	12:01	2.03	0.034	24.358
372.40	722	12:02	2.03	0.034	24.392
371.40	723	12:03	2.03	0.034	24.425
370.40	724	12:04	2.03	0.034	24.459
369.40	725	12:05	2.03	0.034	24.493
368.40	726	12:06	2.03	0.034	24.527
367.40	727	12:07	2.03	0.034	24.560
366.40	728	12:08	2.03	0.034	24.594
365.40	729	12:09	2.03	0.034	24.628
364.40	730	12:10	2.03	0.034	24.662
363.40	731	12:11	2.03	0.034	24.696
362.40	732	12:12	2.03	0.034	24.729
361.40	733	12:13	2.03	0.034	24.763
360.40	734	12:14	2.03	0.034	24.797
359.40	735	12:15	2.03	0.034	24.831
358.40	736	12:16	2.03	0.034	24.865
357.40	737	12:17	2.03	0.034	24.898
356.40	738	12:18	2.03	0.034	24.932
355.40	739	12:19	2.03	0.034	24.966
354.40	740	12:20	2.03	0.034	25.000
353.40	741	12:21	2.03	0.034	25.033
352.40	742	12:22	2.03	0.034	25.067
351.40	743	12:23	2.03	0.034	25.101
350.40	744	12:24	2.03	0.034	25.135
349.40	745	12:25	2.03	0.034	25.169
348.40	746	12:26	2.03	0.034	25.202
347.40	747	12:27	2.03	0.034	25.236
346.40	748	12:28	2.03	0.034	25.270
345.40	749	12:29	2.03	0.034	25.304
344.40	750	12:30	2.03	0.034	25.337
343.40	751	12:31	2.03	0.034	25.371
342.40	752	12:32	2.03	0.034	25.405
341.40	753	12:33	2.03	0.034	25.439
340.40	754	12:34	2.03	0.034	25.473
339.40	755	12:35	2.03	0.034	25.506
338.40	756	12:36	2.03	0.034	25.540
337.40	757	12:37	2.03	0.034	25.574
336.40	758	12:38	2.03	0.034	25.608
335.40	759	12:39	2.03	0.034	25.642
334.40	760	12:40	2.03	0.034	25.675
333.40	761	12:41	2.03	0.034	25.709
332.40	762	12:42	2.03	0.034	25.743
331.40	763	12:43	2.03	0.034	25.777
330.40	764	12:44	2.03	0.034	25.810
329.40	765	12:45	2.03	0.034	25.844
328.40	766	12:46	2.03	0.034	25.878
327.40	767	12:47	2.03	0.034	25.912
326.40	768	12:48	2.03	0.034	25.946
325.40	769	12:49	2.03	0.034	25.979
324.40	770	12:50	2.03	0.034	26.013
323.40	771	12:51	2.03	0.034	26.047
322.40	772	12:52	2.03	0.034	26.081
321.40	773	12:53	2.03	0.034	26.115
320.40	774	12:54	2.03	0.034	26.148
319.40	775	12:55	2.03	0.034	26.182
318.40	776	12:56	2.03	0.034	26.216
317.40	777	12:57	2.03	0.034	26.250
316.40	778	12:58	2.03	0.034	26.283
315.40	779	12:59	2.03	0.034	26.317
314.40	780	13:00	2.03	0.034	26.351
313.40	781	13:01	2.03	0.034	26.385
312.40	782	13:02	2.03	0.034	26.419
311.40	783	13:03	2.03	0.034	26.452
310.40	784	13:04	2.03	0.034	26.486
309.40	785	13:05	2.03	0.034	26.520
308.40	786	13:06	2.03	0.034	26.554
307.40	787	13:07	2.03	0.034	26.587
306.40	788	13:08	2.03	0.034	26.621
305.40	789	13:09	2.03	0.034	26.655
304.40	790	13:10	2.03	0.034	26.689
303.40	791	13:11	2.03	0.034	26.723
302.40	792	13:12	2.03	0.034	26.756
301.40	793	13:13	2.03	0.034	26.790
300.40	794	13:14	2.03	0.034	26.824
299.40	795	13:15	2.03	0.034	26.858
298.40	796	13:16	2.03	0.034	26.892
297.40	797	13:17	2.03	0.034	26.925
296.40	798	13:18	2.03	0.034	26.959
295.40	799	13:19	2.03	0.034	26.993
294.40	800	13:20	2.03	0.034	27.027
293.40	801	13:21	2.03	0.034	27.060
292.40	802	13:22	2.03	0.034	27.094
291.40	803	13:23	2.03	0.034	27.128
290.40	804	13:24	2.03	0.034	27.162
289.40	805	13:25	2.03	0.034	27.196
288.40	806	13:26	2.03	0.034	27.229
287.40	807	13:27	2.03	0.034	27.263
286.40	808	13:28	2.03	0.034	27.297
285.40	809	13:29	2.03	0.034	27.331
284.40	810	13:30	2.03	0.034	27.364
283.40	811	13:31	2.03	0.034	27.398
282.40	812	13:32	2.03	0.034	27.432
281.40	813	13:33	2.03	0.034	27.466
280.40	814	13:34	2.03	0.034	27.500
279.40	815	13:35	2.03	0.034	27.533
278.40	816	13:36	2.03	0.034	27.567
277.40	817	13:37	2.03	0.034	27.601
276.40	818	13:38	2.03	0.034	27.635
275.40	819	13:39	2.03	0.034	27.669
274.40	820	13:40	2.03	0.034	27.702
273.40	821	13:41	2.03	0.034	27.736
272.40	822	13:42	2.03	0.034	27.770
271.40	823	13:43	2.03	0.034	27.804
270.40	824	13:44	2.03	0.034	27.837
269.40	825	13:45	2.03	0.034	27.871
268.40	826	13:46	2.03	0.034	27.905
267.40	827	13:47	2.03	0.034	27.939
266.40	828	13:48	2.03	0.034	27.973
265.40	829	13:49	2.03	0.034	28.006
264.40	830	13:50	2.03	0.034	28.040
263.40	831	13:51	2.03	0.034	28.074
262.40	832	13:52	2.03	0.034	28.108
261.40	833	13:53	2.03	0.034	28.142
260.40	834	13:54	2.03	0.034	28.175
259.40	835	13:55	2.03	0.034	28.209
258.40	836	13:56	2.03	0.034	28.243
257.40	837	13:57	2.03	0.034	28.277
256.40	838	13:58	2.03	0.034	28.310
255.40	839	13:59	2.03	0.034	28.344
254.40	840	14:00	2.03	0.034	28.378
253.40	841	14:01	2.03	0.034	28.412
252.40	842	14:02	2.03	0.034	28.446
251.40	843	14:03	2.03	0.034	28.479
250.40	844	14:04	2.03	0.034	28.513
249.40	845	14:05	2.03	0.034	28.547
248.40	846	14:06	2.03	0.034	28.581
247.40	847	14:07	2.03	0.034	28.614
246.40	848	14:08	2.03	0.034	28.648
245.40	849	14:09	2.03	0.034	28.682
244.40	850	14:10	2.03	0.034	28.716
243.40	851	14:11	2.03	0.034	28.750
242.40	852	14:12	2.03	0.034	28.783
241.40	853	14:13	2.03	0.034	28.817
240.40	854	14:14	2.03	0.034	28.851
239.40	855	14:15	2.03	0.034	28.885
238.40	856	14:16	2.03	0.034	28.919
237.40	857	14:17	2.03	0.034	28.952
236.40	858	14:18	2.03	0.034	28.986
235.40	859	14:19	2.03	0.034	29.020
234.40	860	14:20	2.03	0.034	29.054
233.40	861	14:21	2.03	0.034	29.087
232.40	862	14:22	2.03	0.034	29.121
231.40	863	14:23	2.03	0.034	29.155
230.40	864	14:24	2.03	0.034	29.189
229.40	865	14:25	2.03	0.034	29.223
228.40	866	14:26	2.03	0.034	29.256
227.40	867	14:27	2.03	0.034	29.290
226.40	868	14:28	2.03	0.034	29.324
225.40	869	14:29	2.03	0.034	29.358
224.40	870	14:30	2.03	0.034	29.391
223.40	871	14:31	2.03	0.034	29.425
222.40	872	14:32	2.03	0.034	29.459
221.40	873	14:33	2.03	0.034	29.493
220.40	874	14:34	2.03	0.034	29.527
219.40	875	14:35	2.03	0.034	29.560
218.40	876	14:36	2.03	0.034	29.594
217.40	877	14:37	2.03	0.034	29.628
216.40	878	14:38	2.03	0.034	29.662
215.40	879	14:39	2.03	0.034	29.696
214.40	880	14:40	2.03	0.034	29.729
213.40	881	14:41	2.03	0.034	29.763
212.40	882	14:42	2.03	0.034	29.797
211.40	883	14:43	2.03	0.034	29.831
210.40	884	14:44	2.03	0.034	29.864
209.40	885	14:45	2.03	0.034	29.898
208.40	886	14:46	2.03	0.034	29.932
207.40	887	14:47	2.03	0.034	29.966
206.40	888	14:48	2.03	0.034	30.000
205.40	889	14:49	2.03	0.034	30.033
204.40	890	14:50	2.03	0.034	30.067
203.40	891	14:51	2.03	0.034	30.101
202.40	892	14:52	2.03	0.034	30.135
201.40	893	14:53	2.03	0.034	30.169
200.40	894	14:54	2.03	0.034	30.202
199.40	895	14:55	2.03	0.034	30.236

198.40	896	14:56	2.03	0.034	30.270
197.40	897	14:57	2.03	0.034	30.304
196.40	898	14:58	2.03	0.034	30.337
195.40	899	14:59	2.03	0.034	30.371
194.40	900	15:00	2.03	0.034	30.405
193.40	901	15:01	2.03	0.034	30.439
192.40	902	15:02	2.03	0.034	30.473
191.40	903	15:03	2.03	0.034	30.506
190.40	904	15:04	2.03	0.034	30.540
189.40	905	15:05	2.03	0.034	30.574
188.40	906	15:06	2.03	0.034	30.608
187.40	907	15:07	2.03	0.034	30.641
186.40	908	15:08	2.03	0.034	30.675
185.40	909	15:09	2.03	0.034	30.709
184.40	910	15:10	2.03	0.034	30.743
183.40	911	15:11	2.03	0.034	30.777
182.40	912	15:12	2.03	0.034	30.810
181.40	913	15:13	2.03	0.034	30.844
180.40	914	15:14	2.03	0.034	30.878
179.40	915	15:15	2.03	0.034	30.912
178.40	916	15:16	2.03	0.034	30.946
177.40	917	15:17	2.03	0.034	30.979
176.40	918	15:18	2.03	0.034	31.013
175.40	919	15:19	2.03	0.034	31.047
174.40	920	15:20	2.03	0.034	31.081
173.40	921	15:21	2.03	0.034	31.114
172.40	922	15:22	2.03	0.034	31.148
171.40	923	15:23	2.03	0.034	31.182
170.40	924	15:24	2.03	0.034	31.216
169.40	925	15:25	2.03	0.034	31.250
168.40	926	15:26	2.03	0.034	31.283
167.40	927	15:27	2.03	0.034	31.317
166.40	928	15:28	2.03	0.034	31.351
165.40	929	15:29	2.03	0.034	31.385
164.40	930	15:30	2.03	0.034	31.418
163.40	931	15:31	2.03	0.034	31.452
162.40	932	15:32	2.03	0.034	31.486
161.40	933	15:33	2.03	0.034	31.520
160.40	934	15:34	2.03	0.034	31.554
159.40	935	15:35	2.03	0.034	31.587
158.40	936	15:36	2.03	0.034	31.621
157.40	937	15:37	2.03	0.034	31.655
156.40	938	15:38	2.03	0.034	31.689
155.40	939	15:39	2.03	0.034	31.723
154.40	940	15:40	2.03	0.034	31.756
153.40	941	15:41	2.03	0.034	31.790
152.40	942	15:42	2.03	0.034	31.824
151.40	943	15:43	2.03	0.034	31.858
150.40	944	15:44	2.03	0.034	31.891
149.40	945	15:45	2.03	0.034	31.925
148.40	946	15:46	2.03	0.034	31.959
147.40	947	15:47	2.03	0.034	31.993
146.40	948	15:48	2.03	0.034	32.027
145.40	949	15:49	2.03	0.034	32.060
144.40	950	15:50	2.03	0.034	32.094
143.40	951	15:51	2.03	0.034	32.128
142.40	952	15:52	2.03	0.034	32.162
141.40	953	15:53	2.03	0.034	32.196
140.40	954	15:54	2.03	0.034	32.229
139.40	955	15:55	2.03	0.034	32.263
138.40	956	15:56	2.03	0.034	32.297
137.40	957	15:57	2.03	0.034	32.331
136.40	958	15:58	2.03	0.034	32.364
135.40	959	15:59	2.03	0.034	32.398
134.40	960	16:00	2.03	0.034	32.432
133.40	961	16:01	2.03	0.034	32.466
132.40	962	16:02	2.03	0.034	32.500
131.40	963	16:03	2.03	0.034	32.533
130.40	964	16:04	2.03	0.034	32.567
129.40	965	16:05	2.03	0.034	32.601
128.40	966	16:06	2.03	0.034	32.635
127.40	967	16:07	2.03	0.034	32.668
126.40	968	16:08	2.03	0.034	32.702
125.40	969	16:09	2.03	0.034	32.736
124.40	970	16:10	2.03	0.034	32.770
123.40	971	16:11	2.03	0.034	32.804
122.40	972	16:12	2.03	0.034	32.837
121.40	973	16:13	2.03	0.034	32.871
120.40	974	16:14	2.03	0.034	32.905
119.40	975	16:15	2.03	0.034	32.939
118.40	976	16:16	2.03	0.034	32.973
117.40	977	16:17	2.03	0.034	33.006
116.40	978	16:18	2.03	0.034	33.040
115.40	979	16:19	2.03	0.034	33.074
114.40	980	16:20	2.03	0.034	33.108
113.40	981	16:21	2.03	0.034	33.141
112.40	982	16:22	2.03	0.034	33.175
111.40	983	16:23	2.03	0.034	33.209
110.40	984	16:24	2.03	0.034	33.243
109.40	985	16:25	2.03	0.034	33.277
108.40	986	16:26	2.03	0.034	33.310
107.40	987	16:27	2.03	0.034	33.344
106.40	988	16:28	2.03	0.034	33.378
105.40	989	16:29	2.03	0.034	33.412
104.40	990	16:30	2.03	0.034	33.445
103.40	991	16:31	2.03	0.034	33.479
102.40	992	16:32	2.03	0.034	33.513
101.40	993	16:33	2.03	0.034	33.547
100.40	994	16:34	2.03	0.034	33.581
99.40	995	16:35	2.03	0.034	33.614
98.40	996	16:36	2.03	0.034	33.648
97.40	997	16:37	2.03	0.034	33.682
96.40	998	16:38	2.03	0.034	33.716
95.40	999	16:39	2.03	0.034	33.750
94.40	1000	16:40	2.03	0.034	33.783
93.40	1001	16:41	2.03	0.034	33.817
92.40	1002	16:42	2.03	0.034	33.851
91.40	1003	16:43	2.03	0.034	33.885
90.40	1004	16:44	2.03	0.034	33.918
89.40	1005	16:45	2.03	0.034	33.952
88.40	1006	16:46	2.03	0.034	33.986
87.40	1007	16:47	2.03	0.034	34.020
86.40	1008	16:48	2.03	0.034	34.054
85.40	1009	16:49	2.03	0.034	34.087
84.40	1010	16:50	2.03	0.034	34.121
83.40	1011	16:51	2.03	0.034	34.155
82.40	1012	16:52	2.03	0.034	34.189
81.40	1013	16:53	2.03	0.034	34.223
80.40	1014	16:54	2.03	0.034	34.256
79.40	1015	16:55	2.03	0.034	34.290
78.40	1016	16:56	2.03	0.034	34.324
77.40	1017	16:57	2.03	0.034	34.358
76.40	1018	16:58	2.03	0.034	34.391
75.40	1019	16:59	2.03	0.034	34.425
74.40	1020	17:00	2.03	0.034	34.459
73.40	1021	17:01	2.03	0.034	34.493
72.40	1022	17:02	2.03	0.034	34.527
71.40	1023	17:03	2.03	0.034	34.560
70.40	1024	17:04	2.03	0.034	34.594
69.40	1025	17:05	2.03	0.034	34.628
68.40	1026	17:06	2.03	0.034	34.662
67.40	1027	17:07	2.03	0.034	34.695
66.40	1028	17:08	2.03	0.034	34.729
65.40	1029	17:09	2.03	0.034	34.763
64.40	1030	17:10	2.03	0.034	34.797
63.40	1031	17:11	2.03	0.034	34.831
62.40	1032	17:12	2.03	0.034	34.864
61.40	1033	17:13	2.03	0.034	34.898
60.40	1034	17:14	2.03	0.034	34.932
59.40	1035	17:15	2.03	0.034	34.966
58.40	1036	17:16	2.03	0.034	35.000
57.40	1037	17:17	2.03	0.034	35.033
56.40	1038	17:18	2.03	0.034	35.067
55.40	1039	17:19	2.03	0.034	35.101
54.40	1040	17:20	2.03	0.034	35.135
53.40	1041	17:21	2.03	0.034	35.168
52.40	1042	17:22	2.03	0.034	35.202
51.40	1043	17:23	2.03	0.034	35.236
50.40	1044	17:24	2.03	0.034	35.270
49.40	1045	17:25	2.03	0.034	35.304
48.40	1046	17:26	2.03	0.034	35.337
47.40	1047	17:27	2.03	0.034	35.371
46.40	1048	17:28	2.03	0.034	35.405
45.40	1049	17:29	2.03	0.034	35.439
44.40	1050	17:30	2.03	0.034	35.472
43.40	1051	17:31	2.03	0.034	35.506
42.40	1052	17:32	2.03	0.034	35.540
41.40	1053	17:33	2.03	0.034	35.574
40.40	1054	17:34	2.03	0.034	35.608
39.40	1055	17:35	2.03	0.034	35.641
38.40	1056	17:36	2.03	0.034	35.675
37.40	1057	17:37	2.03	0.034	35.709
36.40	1058	17:38	2.03	0.034	35.743
35.40	1059	17:39	2.03	0.034	35.777
34.40	1060	17:40	2.03	0.034	35.810
33.40	1061	17:41	2.03	0.034	35.844
32.40	1062	17:42	2.03	0.034	35.878
31.40	1063	17:43	2.03	0.034	35.912
30.40	1064	17:44	2.03	0.034	35.945
29.40	1065	17:45	2.03	0.034	35.979
28.40	1066	17:46	2.03	0.034	36.013
27.40	1067	17:47	2.03	0.034	36.047
26.40	1068	17:48	2.03	0.034	36.081
25.40	1069	17:49	2.03	0.034	36.114
24.40	1070	17:50	2.03	0.034	36.148
23.40	1071	17:51	2.03	0.034	36.182
22.40	1072	17:52	2.03	0.034	36.216
21.40	1073	17:53	2.03	0.034	36.250
20.40	1074	17:54	2.03	0.034	36.283
19.40	1075	17:55	2.03	0.034	36.317
18.40	1076	17:56	2.03	0.034	36.351
17.40	1077	17:57	2.03	0.034	36.385
16.40	1078	17:58	2.03	0.034	36.418
15.40	1079	17:59	2.03	0.034	36.452
14.40	1080	18:00	2.03	0.034	36.486
13.40	1081	18:01	2.03	0.034	36.520
12.40	1082	18:02	2.03	0.034	36.554
11.40	1083	18:03	2.03	0.034	36.587
10.40	1084	18:04	2.03	0.034	36.621
9.40	1085	18:05	2.03	0.034	36.655
8.40	1086	18:06	2.03	0.034	36.689
7.40	1087	18:07	2.03	0.034	36.722
6.40	1088	18:08	2.03	0.034	36.756
5.40	1089	18:09	2.03	0.034	36.790
4.40	1090	18:10	2.03	0.034	36.824
3.40	1091	18:11	2.03	0.034	36.858
2.40	1092	18:12	2.03	0.034	36.891
1.40	1093	18:13	2.03	0.034	36.925
0.40	1094	18:14	2.03	0.034	36.959
0.60	1095	18:15	2.03	0.034	36.993
1.60	1096	18:16	2.03	0.034	37.027
2.60	1097	18:17	2.03	0.034	37.060
3.60	1098	18:18	2.03	0.034	37.094
4.60	1099	18:19	2.03	0.034	37.128
5.60	1100	18:20	2.03	0.034	37.162
6.60	1101	18:21	2.03	0.034	37.195
7.60	1102	18:22	2.03	0.034	37.229
8.60	1103	18:23	2.03	0.034	37.263
9.60	1104	18:24	2.03	0.034	37.297
10.60	1105	18:25	2.03	0.034	37.331
11.60	1106	18:26	2.03	0.034	37.364
12.60	1107	18:27	2.03	0.034	37.398
13.60	1108	18:28	2.03	0.034	37.432
14.60	1109	18:29	2.03	0.034	37.466
15.60	1110	18:30	2.03	0.034	37.499
16.60	1111	18:31	2.03	0.034	37.533
17.60	1112	18:32	2.03	0.034	37.567
18.60	1113	18:33	2.03	0.034	37.601
19.60	1114	18:34	2.03	0.034	37.635
20.60	1115	18:35	2.03	0.034	37.668
21.60	1116	18:36	2.03	0.034	37.702
22.60	1117	18:37	2.03	0.034	37.736
23.60	1118	18:38	2.03	0.034	37.770
24.60	1119	18:39	2.03	0.034	37.804
25.60	1120	18:40	2.03	0.034	37.837
26.60	1121	18:41	2.03	0.034	37.871
27.60	1122	18:42	2.03	0.034	37.905
28.60	1123	18:43	2.03	0.034	37.939
29.60	1124	18:44	2.03	0.034	37.972
30.60	1125	18:45	2.03	0.034	38.006
31.60	1126	18:46	2.03	0.034	38.040
32.60	1127	18:47	2.03	0.034	38.074
33.60	1128	18:48	2.03	0.034	38.108
34.60	1129	18:49	2.03	0.034	38.141
35.60	1130	18:50	2.03	0.034	38.175
36.60	1131	18:51	2.03	0.034	38.209
37.60	1132	18:52	2.03	0.034	38.243

38.60	1133	18:53	2.03	0.034	38.277
39.60	1134	18:54	2.03	0.034	38.310
40.60	1135	18:55	2.03	0.034	38.344
41.60	1136	18:56	2.03	0.034	38.378
42.60	1137	18:57	2.03	0.034	38.412
43.60	1138	18:58	2.03	0.034	38.445
44.60	1139	18:59	2.03	0.034	38.479
45.60	1140	19:00	2.03	0.034	38.513
46.60	1141	19:01	2.03	0.034	38.547
47.60	1142	19:02	2.03	0.034	38.581
48.60	1143	19:03	2.03	0.034	38.614
49.60	1144	19:04	2.03	0.034	38.648
50.60	1145	19:05	2.03	0.034	38.682
51.60	1146	19:06	2.03	0.034	38.716
52.60	1147	19:07	2.03	0.034	38.749
53.60	1148	19:08	2.03	0.034	38.783
54.60	1149	19:09	2.03	0.034	38.817
55.60	1150	19:10	2.03	0.034	38.851
56.60	1151	19:11	2.03	0.034	38.885
57.60	1152	19:12	2.03	0.034	38.918
58.60	1153	19:13	2.03	0.034	38.952
59.60	1154	19:14	2.03	0.034	38.986
60.60	1155	19:15	2.03	0.034	39.020
61.60	1156	19:16	2.03	0.034	39.054
62.60	1157	19:17	2.03	0.034	39.087
63.60	1158	19:18	2.03	0.034	39.121
64.60	1159	19:19	2.03	0.034	39.155
65.60	1160	19:20	2.03	0.034	39.189
66.60	1161	19:21	2.03	0.034	39.222
67.60	1162	19:22	2.03	0.034	39.256
68.60	1163	19:23	2.03	0.034	39.290
69.60	1164	19:24	2.03	0.034	39.324
70.60	1165	19:25	2.03	0.034	39.358
71.60	1166	19:26	2.03	0.034	39.391
72.60	1167	19:27	2.03	0.034	39.425
73.60	1168	19:28	2.03	0.034	39.459
74.60	1169	19:29	2.03	0.034	39.493
75.60	1170	19:30	2.03	0.034	39.526
76.60	1171	19:31	2.03	0.034	39.560
77.60	1172	19:32	2.03	0.034	39.594
78.60	1173	19:33	2.03	0.034	39.628
79.60	1174	19:34	2.03	0.034	39.662
80.60	1175	19:35	2.03	0.034	39.695
81.60	1176	19:36	2.03	0.034	39.729
82.60	1177	19:37	2.03	0.034	39.763
83.60	1178	19:38	2.03	0.034	39.797
84.60	1179	19:39	2.03	0.034	39.831
85.60	1180	19:40	2.03	0.034	39.864
86.60	1181	19:41	2.03	0.034	39.898
87.60	1182	19:42	2.03	0.034	39.932
88.60	1183	19:43	2.03	0.034	39.966
89.60	1184	19:44	2.03	0.034	39.999
90.60	1185	19:45	2.03	0.034	40.033
91.60	1186	19:46	2.03	0.034	40.067
92.60	1187	19:47	2.03	0.034	40.101
93.60	1188	19:48	2.03	0.034	40.135
94.60	1189	19:49	2.03	0.034	40.168
95.60	1190	19:50	2.03	0.034	40.202
96.60	1191	19:51	2.03	0.034	40.236
97.60	1192	19:52	2.03	0.034	40.270
98.60	1193	19:53	2.03	0.034	40.304
99.60	1194	19:54	2.03	0.034	40.337
100.60	1195	19:55	2.03	0.034	40.371
101.60	1196	19:56	2.03	0.034	40.405
102.60	1197	19:57	2.03	0.034	40.439
103.60	1198	19:58	2.03	0.034	40.472
104.60	1199	19:59	2.03	0.034	40.506
105.60	1200	20:00	2.03	0.034	40.540
106.60	1201	20:01	2.03	0.034	40.574
107.60	1202	20:02	2.03	0.034	40.608
108.60	1203	20:03	2.03	0.034	40.641
109.60	1204	20:04	2.03	0.034	40.675
110.60	1205	20:05	2.03	0.034	40.709
111.60	1206	20:06	2.03	0.034	40.743
112.60	1207	20:07	2.03	0.034	40.776
113.60	1208	20:08	2.03	0.034	40.810
114.60	1209	20:09	2.03	0.034	40.844
115.60	1210	20:10	2.03	0.034	40.878
116.60	1211	20:11	2.03	0.034	40.912
117.60	1212	20:12	2.03	0.034	40.945
118.60	1213	20:13	2.03	0.034	40.979
119.60	1214	20:14	2.03	0.034	41.013
120.60	1215	20:15	2.03	0.034	41.047
121.60	1216	20:16	2.03	0.034	41.081
122.60	1217	20:17	2.03	0.034	41.114
123.60	1218	20:18	2.03	0.034	41.148
124.60	1219	20:19	2.03	0.034	41.182
125.60	1220	20:20	2.03	0.034	41.216
126.60	1221	20:21	2.03	0.034	41.249
127.60	1222	20:22	2.03	0.034	41.283
128.60	1223	20:23	2.03	0.034	41.317
129.60	1224	20:24	2.03	0.034	41.351
130.60	1225	20:25	2.03	0.034	41.385
131.60	1226	20:26	2.03	0.034	41.418
132.60	1227	20:27	2.03	0.034	41.452
133.60	1228	20:28	2.03	0.034	41.486
134.60	1229	20:29	2.03	0.034	41.520
135.60	1230	20:30	2.03	0.034	41.553
136.60	1231	20:31	2.03	0.034	41.587
137.60	1232	20:32	2.03	0.034	41.621
138.60	1233	20:33	2.03	0.034	41.655
139.60	1234	20:34	2.03	0.034	41.689
140.60	1235	20:35	2.03	0.034	41.722
141.60	1236	20:36	2.03	0.034	41.756
142.60	1237	20:37	2.03	0.034	41.790
143.60	1238	20:38	2.03	0.034	41.824
144.60	1239	20:39	2.03	0.034	41.858
145.60	1240	20:40	2.03	0.034	41.891
146.60	1241	20:41	2.03	0.034	41.925
147.60	1242	20:42	2.03	0.034	41.959
148.60	1243	20:43	2.03	0.034	41.993
149.60	1244	20:44	2.03	0.034	42.026
150.60	1245	20:45	2.03	0.034	42.060
151.60	1246	20:46	2.03	0.034	42.094
152.60	1247	20:47	2.03	0.034	42.128
153.60	1248	20:48	2.03	0.034	42.162
154.60	1249	20:49	2.03	0.034	42.195
155.60	1250	20:50	2.03	0.034	42.229
156.60	1251	20:51	2.03	0.034	42.263
157.60	1252	20:52	2.03	0.034	42.297
158.60	1253	20:53	2.03	0.034	42.331
159.60	1254	20:54	2.03	0.034	42.364
160.60	1255	20:55	2.03	0.034	42.398
161.60	1256	20:56	2.03	0.034	42.432
162.60	1257	20:57	2.03	0.034	42.466
163.60	1258	20:58	2.03	0.034	42.499
164.60	1259	20:59	2.03	0.034	42.533
165.60	1260	21:00	2.03	0.034	42.567
166.60	1261	21:01	2.03	0.034	42.601
167.60	1262	21:02	2.03	0.034	42.635
168.60	1263	21:03	2.03	0.034	42.668
169.60	1264	21:04	2.03	0.034	42.702
170.60	1265	21:05	2.03	0.034	42.736
171.60	1266	21:06	2.03	0.034	42.770
172.60	1267	21:07	2.03	0.034	42.803
173.60	1268	21:08	2.03	0.034	42.837
174.60	1269	21:09	2.03	0.034	42.871
175.60	1270	21:10	2.03	0.034	42.905
176.60	1271	21:11	2.03	0.034	42.939
177.60	1272	21:12	2.03	0.034	42.972
178.60	1273	21:13	2.03	0.034	43.006
179.60	1274	21:14	2.03	0.034	43.040
180.60	1275	21:15	2.03	0.034	43.074
181.60	1276	21:16	2.03	0.034	43.108
182.60	1277	21:17	2.03	0.034	43.141
183.60	1278	21:18	2.03	0.034	43.175
184.60	1279	21:19	2.03	0.034	43.209
185.60	1280	21:20	2.03	0.034	43.243
186.60	1281	21:21	2.03	0.034	43.276
187.60	1282	21:22	2.03	0.034	43.310
188.60	1283	21:23	2.03	0.034	43.344
189.60	1284	21:24	2.03	0.034	43.378
190.60	1285	21:25	2.03	0.034	43.412
191.60	1286	21:26	2.03	0.034	43.445
192.60	1287	21:27	2.03	0.034	43.479
193.60	1288	21:28	2.03	0.034	43.513
194.60	1289	21:29	2.03	0.034	43.547
195.60	1290	21:30	2.03	0.034	43.580
196.60	1291	21:31	2.03	0.034	43.614
197.60	1292	21:32	2.03	0.034	43.648
198.60	1293	21:33	2.03	0.034	43.682
199.60	1294	21:34	2.03	0.034	43.716
200.60	1295	21:35	2.03	0.034	43.749
201.60	1296	21:36	2.03	0.034	43.783
202.60	1297	21:37	2.03	0.034	43.817
203.60	1298	21:38	2.03	0.034	43.851
204.60	1299	21:39	2.03	0.034	43.885
205.60	1300	21:40	2.03	0.034	43.918
206.60	1301	21:41	2.03	0.034	43.952
207.60	1302	21:42	2.03	0.034	43.986
208.60	1303	21:43	2.03	0.034	44.020
209.60	1304	21:44	2.03	0.034	44.053
210.60	1305	21:45	2.03	0.034	44.087
211.60	1306	21:46	2.03	0.034	44.121
212.60	1307	21:47	2.03	0.034	44.155
213.60	1308	21:48	2.03	0.034	44.189
214.60	1309	21:49	2.03	0.034	44.222
215.60	1310	21:50	2.03	0.034	44.256
216.60	1311	21:51	2.03	0.034	44.290
217.60	1312	21:52	2.03	0.034	44.324
218.60	1313	21:53	2.03	0.034	44.358
219.60	1314	21:54	2.03	0.034	44.391
220.60	1315	21:55	2.03	0.034	44.425
221.60	1316	21:56	2.03	0.034	44.459
222.60	1317	21:57	2.03	0.034	44.493
223.60	1318	21:58	2.03	0.034	44.526
224.60	1319	21:59	2.03	0.034	44.560
225.60	1320	22:00	2.03	0.034	44.594
226.60	1321	22:01	2.03	0.034	44.628
227.60	1322	22:02	2.03	0.034	44.662
228.60	1323	22:03	2.03	0.034	44.695
229.60	1324	22:04	2.03	0.034	44.729
230.60	1325	22:05	2.03	0.034	44.763
231.60	1326	22:06	2.03	0.034	44.797
232.60	1327	22:07	2.03	0.034	44.830
233.60	1328	22:08	2.03	0.034	44.864
234.60	1329	22:09	2.03	0.034	44.898
235.60	1330	22:10	2.03	0.034	44.932
236.60	1331	22:11	2.03	0.034	44.966
237.60	1332	22:12	2.03	0.034	44.999
238.60	1333	22:13	2.03	0.034	45.033
239.60	1334	22:14	2.03	0.034	45.067
240.60	1335	22:15	2.03	0.034	45.101
241.60	1336	22:16	2.03	0.034	45.135
242.60	1337	22:17	2.03	0.034	45.168
243.60	1338	22:18	2.03	0.034	45.202
244.60	1339	22:19	2.03	0.034	45.236
245.60	1340	22:20	2.03	0.034	45.270
246.60	1341	22:21	2.03	0.034	45.303
247.60	1342	22:22	2.03	0.034	45.337
248.60	1343	22:23	2.03	0.034	45.371
249.60	1344	22:24	2.03	0.034	45.405
250.60	1345	22:25	2.03	0.034	45.439
251.60	1346	22:26	2.03	0.034	45.472
252.60	1347	22:27	2.03	0.034	45.506
253.60	1348	22:28	2.03	0.034	45.540
254.60	1349	22:29	2.03	0.034	45.574
255.60	1350	22:30	2.03	0.034	45.607
256.60	1351	22:31	2.03	0.034	45.641
257.60	1352	22:32	2.03	0.034	45.675
258.60	1353	22:33	2.03	0.034	45.709
259.60	1354	22:34	2.03	0.034	45.743
260.60	1355	22:35	2.03	0.034	45.776
261.60	1356	22:36	2.03	0.034	45.810
262.60	1357	22:37	2.03	0.034	45.844
263.60	1358	22:38	2.03	0.034	45.878
264.60	1359	22:39	2.03	0.034	45.912
265.60	1360	22:40	2.03	0.034	45.945
266.60	1361	22:41	2.03	0.034	45.979
267.60	1362	22:42	2.03	0.034	46.013
268.60	1363	22:43	2.03	0.034	46.047
269.60	1364	22:44	2.03	0.034	46.080
270.60	1365	22:45	2.03	0.034	46.114
271.60	1366	22:46	2.03	0.034	46.148
272.60	1367	22:47	2.03	0.034	46.182
273.60	1368	22:48	2.03	0.034	46.216
274.60	1369	22:49	2.03	0.034	46.249

275.60	1370	22:50	2.03	0.034	46.283
276.60	1371	22:51	2.03	0.034	46.317
277.60	1372	22:52	2.03	0.034	46.351
278.60	1373	22:53	2.03	0.034	46.385
279.60	1374	22:54	2.03	0.034	46.418
280.60	1375	22:55	2.03	0.034	46.452
281.60	1376	22:56	2.03	0.034	46.486
282.60	1377	22:57	2.03	0.034	46.520
283.60	1378	22:58	2.03	0.034	46.553
284.60	1379	22:59	2.03	0.034	46.587
285.60	1380	23:00	2.03	0.034	46.621
286.60	1381	23:01	2.03	0.034	46.655
287.60	1382	23:02	2.03	0.034	46.689
288.60	1383	23:03	2.03	0.034	46.722
289.60	1384	23:04	2.03	0.034	46.756
290.60	1385	23:05	2.03	0.034	46.790
291.60	1386	23:06	2.03	0.034	46.824
292.60	1387	23:07	2.03	0.034	46.857
293.60	1388	23:08	2.03	0.034	46.891
294.60	1389	23:09	2.03	0.034	46.925
295.60	1390	23:10	2.03	0.034	46.959
296.60	1391	23:11	2.03	0.034	46.993
297.60	1392	23:12	2.03	0.034	47.026
298.60	1393	23:13	2.03	0.034	47.060
299.60	1394	23:14	2.03	0.034	47.094
300.60	1395	23:15	2.03	0.034	47.128
301.60	1396	23:16	2.03	0.034	47.162
302.60	1397	23:17	2.03	0.034	47.195
303.60	1398	23:18	2.03	0.034	47.229
304.60	1399	23:19	2.03	0.034	47.263
305.60	1400	23:20	2.03	0.034	47.297
306.60	1401	23:21	2.03	0.034	47.330
307.60	1402	23:22	2.03	0.034	47.364
308.60	1403	23:23	2.03	0.034	47.398
309.60	1404	23:24	2.03	0.034	47.432
310.60	1405	23:25	2.03	0.034	47.466
311.60	1406	23:26	2.03	0.034	47.499
312.60	1407	23:27	2.03	0.034	47.533
313.60	1408	23:28	2.03	0.034	47.567
314.60	1409	23:29	2.03	0.034	47.601
315.60	1410	23:30	2.03	0.034	47.634
316.60	1411	23:31	2.03	0.034	47.668
317.60	1412	23:32	2.03	0.034	47.702
318.60	1413	23:33	2.03	0.034	47.736
319.60	1414	23:34	2.03	0.034	47.770
320.60	1415	23:35	2.03	0.034	47.803
321.60	1416	23:36	2.03	0.034	47.837
322.60	1417	23:37	2.03	0.034	47.871
323.60	1418	23:38	2.03	0.034	47.905
324.60	1419	23:39	2.03	0.034	47.939
325.60	1420	23:40	2.03	0.034	47.972
326.60	1421	23:41	2.03	0.034	48.006
327.60	1422	23:42	2.03	0.034	48.040
328.60	1423	23:43	2.03	0.034	48.074
329.60	1424	23:44	2.03	0.034	48.107
330.60	1425	23:45	2.03	0.034	48.141
331.60	1426	23:46	2.03	0.034	48.175
332.60	1427	23:47	2.03	0.034	48.209
333.60	1428	23:48	2.03	0.034	48.243
334.60	1429	23:49	2.03	0.034	48.276
335.60	1430	23:50	2.03	0.034	48.310
336.60	1431	23:51	2.03	0.034	48.344
337.60	1432	23:52	2.03	0.034	48.378
338.60	1433	23:53	2.03	0.034	48.412
339.60	1434	23:54	2.03	0.034	48.445
340.60	1435	23:55	2.03	0.034	48.479
341.60	1436	23:56	2.03	0.034	48.513
342.60	1437	23:57	2.03	0.034	48.547
343.60	1438	23:58	2.03	0.034	48.580
344.60	1439	23:59	2.03	0.034	48.614
345.60	1440	24:00	2.03	0.034	48.648
346.60	1441	24:01	2.03	0.034	48.682
347.60	1442	24:02	2.03	0.034	48.716
348.60	1443	24:03	2.03	0.034	48.749
349.60	1444	24:04	2.03	0.034	48.783
350.60	1445	24:05	2.03	0.034	48.817
351.60	1446	24:06	2.03	0.034	48.851
352.60	1447	24:07	2.03	0.034	48.884
353.60	1448	24:08	2.03	0.034	48.918
354.60	1449	24:09	2.03	0.034	48.952
355.60	1450	24:10	2.03	0.034	48.986
356.60	1451	24:11	2.03	0.034	49.020
357.60	1452	24:12	2.03	0.034	49.053
358.60	1453	24:13	2.03	0.034	49.087
359.60	1454	24:14	2.03	0.034	49.121
360.60	1455	24:15	2.03	0.034	49.155
361.60	1456	24:16	2.03	0.034	49.189
362.60	1457	24:17	2.03	0.034	49.222
363.60	1458	24:18	2.03	0.034	49.256
364.60	1459	24:19	2.03	0.034	49.290
365.60	1460	24:20	2.03	0.034	49.324
366.60	1461	24:21	2.03	0.034	49.357
367.60	1462	24:22	2.03	0.034	49.391
368.60	1463	24:23	2.03	0.034	49.425
369.60	1464	24:24	2.03	0.034	49.459
370.60	1465	24:25	2.03	0.034	49.493
371.60	1466	24:26	2.03	0.034	49.526
372.60	1467	24:27	2.03	0.034	49.560
373.60	1468	24:28	2.03	0.034	49.594
374.60	1469	24:29	2.03	0.034	49.628
375.60	1470	24:30	2.03	0.034	49.661
376.60	1471	24:31	2.03	0.034	49.695
377.60	1472	24:32	2.03	0.034	49.729
378.60	1473	24:33	2.03	0.034	49.763
379.60	1474	24:34	2.03	0.034	49.797
380.60	1475	24:35	2.03	0.034	49.830
381.60	1476	24:36	2.03	0.034	49.864
382.60	1477	24:37	2.03	0.034	49.898
383.60	1478	24:38	2.03	0.034	49.932
384.60	1479	24:39	2.03	0.034	49.966
385.60	1480	24:40	2.03	0.034	49.999
386.60	1481	24:41	2.03	0.034	50.033
387.60	1482	24:42	2.03	0.034	50.067
388.60	1483	24:43	2.03	0.034	50.101
389.60	1484	24:44	2.03	0.034	50.134
390.60	1485	24:45	2.03	0.034	50.168
391.60	1486	24:46	2.03	0.034	50.202
392.60	1487	24:47	2.03	0.034	50.236
393.60	1488	24:48	2.03	0.034	50.270
394.60	1489	24:49	2.03	0.034	50.303
395.60	1490	24:50	2.03	0.034	50.337
396.60	1491	24:51	2.03	0.034	50.371
397.60	1492	24:52	2.03	0.034	50.405
398.60	1493	24:53	2.03	0.034	50.439
399.60	1494	24:54	2.03	0.034	50.472
400.60	1495	24:55	2.03	0.034	50.506
401.60	1496	24:56	2.03	0.034	50.540
402.60	1497	24:57	2.03	0.034	50.574
403.60	1498	24:58	2.03	0.034	50.607
404.60	1499	24:59	2.03	0.034	50.641
405.60	1500	25:00	2.03	0.034	50.675
406.60	1501	25:01	2.03	0.034	50.709
407.60	1502	25:02	2.03	0.034	50.743
408.60	1503	25:03	2.03	0.034	50.776
409.60	1504	25:04	2.03	0.034	50.810
410.60	1505	25:05	2.03	0.034	50.844
411.60	1506	25:06	2.03	0.034	50.878
412.60	1507	25:07	2.03	0.034	50.911
413.60	1508	25:08	2.03	0.034	50.945
414.60	1509	25:09	2.03	0.034	50.979
415.60	1510	25:10	2.03	0.034	51.013
416.60	1511	25:11	2.03	0.034	51.047
417.60	1512	25:12	2.03	0.034	51.080
418.60	1513	25:13	2.03	0.034	51.114
419.60	1514	25:14	2.03	0.034	51.148
420.60	1515	25:15	2.03	0.034	51.182
421.60	1516	25:16	2.03	0.034	51.216
422.60	1517	25:17	2.03	0.034	51.249
423.60	1518	25:18	2.03	0.034	51.283
424.60	1519	25:19	2.03	0.034	51.317
425.60	1520	25:20	2.03	0.034	51.351
426.60	1521	25:21	2.03	0.034	51.384
427.60	1522	25:22	2.03	0.034	51.418
428.60	1523	25:23	2.03	0.034	51.452
429.60	1524	25:24	2.03	0.034	51.486
430.60	1525	25:25	2.03	0.034	51.520
431.60	1526	25:26	2.03	0.034	51.553
432.60	1527	25:27	2.03	0.034	51.587
433.60	1528	25:28	2.03	0.034	51.621
434.60	1529	25:29	2.03	0.034	51.655
435.60	1530	25:30	2.03	0.034	51.688
436.60	1531	25:31	2.03	0.034	51.722
437.60	1532	25:32	2.03	0.034	51.756
438.60	1533	25:33	2.03	0.034	51.790
439.60	1534	25:34	2.03	0.034	51.824
440.60	1535	25:35	2.03	0.034	51.857
441.60	1536	25:36	2.03	0.034	51.891
442.60	1537	25:37	2.03	0.034	51.925
443.60	1538	25:38	2.03	0.034	51.959
444.60	1539	25:39	2.03	0.034	51.993
445.60	1540	25:40	2.03	0.034	52.026
446.60	1541	25:41	2.03	0.034	52.060
447.60	1542	25:42	2.03	0.034	52.094
448.60	1543	25:43	2.03	0.034	52.128
449.60	1544	25:44	2.03	0.034	52.161
450.60	1545	25:45	2.03	0.034	52.195
451.60	1546	25:46	2.03	0.034	52.229
452.60	1547	25:47	2.03	0.034	52.263
453.60	1548	25:48	2.03	0.034	52.297
454.60	1549	25:49	2.03	0.034	52.330
455.60	1550	25:50	2.03	0.034	52.364
456.60	1551	25:51	2.03	0.034	52.398
457.60	1552	25:52	2.03	0.034	52.432
458.60	1553	25:53	2.03	0.034	52.466
459.60	1554	25:54	2.03	0.034	52.499
460.60	1555	25:55	2.03	0.034	52.533
461.60	1556	25:56	2.03	0.034	52.567
462.60	1557	25:57	2.03	0.034	52.601
463.60	1558	25:58	2.03	0.034	52.634
464.60	1559	25:59	2.03	0.034	52.668
465.60	1560	26:00	2.03	0.034	52.702
466.60	1561	26:01	2.03	0.034	52.736
467.60	1562	26:02	2.03	0.034	52.770
468.60	1563	26:03	2.03	0.034	52.803
469.60	1564	26:04	2.03	0.034	52.837
470.60	1565	26:05	2.03	0.034	52.871
471.60	1566	26:06	2.03	0.034	52.905
472.60	1567	26:07	2.03	0.034	52.938
473.60	1568	26:08	2.03	0.034	52.972
474.60	1569	26:09	2.03	0.034	53.006
475.60	1570	26:10	2.03	0.034	53.040
476.60	1571	26:11	2.03	0.034	53.074
477.60	1572	26:12	2.03	0.034	53.107
478.60	1573	26:13	2.03	0.034	53.141
479.60	1574	26:14	2.03	0.034	53.175
480.60	1575	26:15	2.03	0.034	53.209
481.60	1576	26:16	2.03	0.034	53.243
482.60	1577	26:17	2.03	0.034	53.276
483.60	1578	26:18	2.03	0.034	53.310
484.60	1579	26:19	2.03	0.034	53.344
485.60	1580	26:20	2.03	0.034	53.378
486.60	1581	26:21	2.03	0.034	53.411
487.60	1582	26:22	2.03	0.034	53.445
488.60	1583	26:23	2.03	0.034	53.479
489.60	1584	26:24	2.03	0.034	53.513
490.60	1585	26:25	2.03	0.034	53.547
491.60	1586	26:26	2.03	0.034	53.580
492.60	1587	26:27	2.03	0.034	53.614
493.60	1588	26:28	2.03	0.034	53.648
494.60	1589	26:29	2.03	0.034	53.682
495.60	1590	26:30	2.03	0.034	53.715
496.60	1591	26:31	2.03	0.034	53.749
497.60	1592	26:32	2.03	0.034	53.783
498.60	1593	26:33	2.03	0.034	53.817
499.60	1594	26:34	2.03	0.034	53.851
500.60	1595	26:35	2.03	0.034	53.884
501.60	1596	26:36	2.03	0.034	53.918
502.60	1597	26:37	2.03	0.034	53.952
503.60	1598	26:38	2.03	0.034	53.986
504.60	1599	26:39	2.03	0.034	54.020
505.60	1600	26:40	2.03	0.034	54.053
506.60	1601	26:41	2.03	0.034	54.087
507.60	1602	26:42	2.03	0.034	54.121
508.60	1603	26:43	2.03	0.034	54.155
509.60	1604	26:44	2.03	0.034	54.188
510.60	1605	26:45	2.03	0.034	54.222
511.60	1606	26:46	2.03	0.034	54.256

512.60	1607	26:47	2.03	0.034	54.290
513.60	1608	26:48	2.03	0.034	54.324
514.60	1609	26:49	2.03	0.034	54.357
515.60	1610	26:50	2.03	0.034	54.391
516.60	1611	26:51	2.03	0.034	54.425
517.60	1612	26:52	2.03	0.034	54.459
518.60	1613	26:53	2.03	0.034	54.493
519.60	1614	26:54	2.03	0.034	54.526
520.60	1615	26:55	2.03	0.034	54.560
521.60	1616	26:56	2.03	0.034	54.594
522.60	1617	26:57	2.03	0.034	54.628
523.60	1618	26:58	2.03	0.034	54.661
524.60	1619	26:59	2.03	0.034	54.695
525.60	1620	27:00	2.03	0.034	54.729
526.60	1621	27:01	2.03	0.034	54.763
527.60	1622	27:02	2.03	0.034	54.797
528.60	1623	27:03	2.03	0.034	54.830
529.60	1624	27:04	2.03	0.034	54.864
530.60	1625	27:05	2.03	0.034	54.898
531.60	1626	27:06	2.03	0.034	54.932
532.60	1627	27:07	2.03	0.034	54.965
533.60	1628	27:08	2.03	0.034	54.999
534.60	1629	27:09	2.03	0.034	55.033
535.60	1630	27:10	2.03	0.034	55.067
536.60	1631	27:11	2.03	0.034	55.101
537.60	1632	27:12	2.03	0.034	55.134
538.60	1633	27:13	2.03	0.034	55.168
539.60	1634	27:14	2.03	0.034	55.202
540.60	1635	27:15	2.03	0.034	55.236
541.60	1636	27:16	2.03	0.034	55.270
542.60	1637	27:17	2.03	0.034	55.303
543.60	1638	27:18	2.03	0.034	55.337
544.60	1639	27:19	2.03	0.034	55.371
545.60	1640	27:20	2.03	0.034	55.405
546.60	1641	27:21	2.03	0.034	55.438
547.60	1642	27:22	2.03	0.034	55.472
548.60	1643	27:23	2.03	0.034	55.506
549.60	1644	27:24	2.03	0.034	55.540
550.60	1645	27:25	2.03	0.034	55.574
551.60	1646	27:26	2.03	0.034	55.607
552.60	1647	27:27	2.03	0.034	55.641
553.60	1648	27:28	2.03	0.034	55.675
554.60	1649	27:29	2.03	0.034	55.709
555.60	1650	27:30	2.03	0.034	55.742
556.60	1651	27:31	2.03	0.034	55.776
557.60	1652	27:32	2.03	0.034	55.810
558.60	1653	27:33	2.03	0.034	55.844
559.60	1654	27:34	2.03	0.034	55.878
560.60	1655	27:35	2.03	0.034	55.911
561.60	1656	27:36	2.03	0.034	55.945
562.60	1657	27:37	2.03	0.034	55.979
563.60	1658	27:38	2.03	0.034	56.013
564.60	1659	27:39	2.03	0.034	56.047
565.60	1660	27:40	2.03	0.034	56.080
566.60	1661	27:41	2.03	0.034	56.114
567.60	1662	27:42	2.03	0.034	56.148
568.60	1663	27:43	2.03	0.034	56.182
569.60	1664	27:44	2.03	0.034	56.215
570.60	1665	27:45	2.03	0.034	56.249
571.60	1666	27:46	2.03	0.034	56.283
572.60	1667	27:47	2.03	0.034	56.317
573.60	1668	27:48	2.03	0.034	56.351
574.60	1669	27:49	2.03	0.034	56.384
575.60	1670	27:50	2.03	0.034	56.418
576.60	1671	27:51	2.03	0.034	56.452
577.60	1672	27:52	2.03	0.034	56.486
578.60	1673	27:53	2.03	0.034	56.520
579.60	1674	27:54	2.03	0.034	56.553
580.60	1675	27:55	2.03	0.034	56.587
581.60	1676	27:56	2.03	0.034	56.621
582.60	1677	27:57	2.03	0.034	56.655
583.60	1678	27:58	2.03	0.034	56.688
584.60	1679	27:59	2.03	0.034	56.722
585.60	1680	28:00	2.03	0.034	56.756
586.60	1681	28:01	2.03	0.034	56.790
587.60	1682	28:02	2.03	0.034	56.824
588.60	1683	28:03	2.03	0.034	56.857
589.60	1684	28:04	2.03	0.034	56.891
590.60	1685	28:05	2.03	0.034	56.925
591.60	1686	28:06	2.03	0.034	56.959
592.60	1687	28:07	2.03	0.034	56.992
593.60	1688	28:08	2.03	0.034	57.026
594.60	1689	28:09	2.03	0.034	57.060
595.60	1690	28:10	2.03	0.034	57.094
596.60	1691	28:11	2.03	0.034	57.128
597.60	1692	28:12	2.03	0.034	57.161
598.60	1693	28:13	2.03	0.034	57.195
599.60	1694	28:14	2.03	0.034	57.229
600.60	1695	28:15	2.03	0.034	57.263
601.60	1696	28:16	2.03	0.034	57.297
602.60	1697	28:17	2.03	0.034	57.330
603.60	1698	28:18	2.03	0.034	57.364
604.60	1699	28:19	2.03	0.034	57.398
605.60	1700	28:20	2.03	0.034	57.432
606.60	1701	28:21	2.03	0.034	57.465
607.60	1702	28:22	2.03	0.034	57.499
608.60	1703	28:23	2.03	0.034	57.533
609.60	1704	28:24	2.03	0.034	57.567
610.60	1705	28:25	2.03	0.034	57.601
611.60	1706	28:26	2.03	0.034	57.634
612.60	1707	28:27	2.03	0.034	57.668
613.60	1708	28:28	2.03	0.034	57.702
614.60	1709	28:29	2.03	0.034	57.736
615.60	1710	28:30	2.03	0.034	57.769
616.60	1711	28:31	2.03	0.034	57.803
617.60	1712	28:32	2.03	0.034	57.837
618.60	1713	28:33	2.03	0.034	57.871
619.60	1714	28:34	2.03	0.034	57.905
620.60	1715	28:35	2.03	0.034	57.938
621.60	1716	28:36	2.03	0.034	57.972
622.60	1717	28:37	2.03	0.034	58.006
623.60	1718	28:38	2.03	0.034	58.040
624.60	1719	28:39	2.03	0.034	58.074
625.60	1720	28:40	2.03	0.034	58.107
626.60	1721	28:41	2.03	0.034	58.141
627.60	1722	28:42	2.03	0.034	58.175
628.60	1723	28:43	2.03	0.034	58.209
629.60	1724	28:44	2.03	0.034	58.242
630.60	1725	28:45	2.03	0.034	58.276
631.60	1726	28:46	2.03	0.034	58.310
632.60	1727	28:47	2.03	0.034	58.344
633.60	1728	28:48	2.03	0.034	58.378
634.60	1729	28:49	2.03	0.034	58.411
635.60	1730	28:50	2.03	0.034	58.445
636.60	1731	28:51	2.03	0.034	58.479
637.60	1732	28:52	2.03	0.034	58.513
638.60	1733	28:53	2.03	0.034	58.547
639.60	1734	28:54	2.03	0.034	58.580
640.60	1735	28:55	2.03	0.034	58.614
641.60	1736	28:56	2.03	0.034	58.648
642.60	1737	28:57	2.03	0.034	58.682
643.60	1738	28:58	2.03	0.034	58.715
644.60	1739	28:59	2.03	0.034	58.749
645.60	1740	29:00	2.03	0.034	58.783
646.60	1741	29:01	2.03	0.034	58.817
647.60	1742	29:02	2.03	0.034	58.851
648.60	1743	29:03	2.03	0.034	58.884
649.60	1744	29:04	2.03	0.034	58.918
650.60	1745	29:05	2.03	0.034	58.952
651.60	1746	29:06	2.03	0.034	58.986
652.60	1747	29:07	2.03	0.034	59.019
653.60	1748	29:08	2.03	0.034	59.053
654.60	1749	29:09	2.03	0.034	59.087
655.60	1750	29:10	2.03	0.034	59.121
656.60	1751	29:11	2.03	0.034	59.155
657.60	1752	29:12	2.03	0.034	59.188
658.60	1753	29:13	2.03	0.034	59.222
659.60	1754	29:14	2.03	0.034	59.256
660.60	1755	29:15	2.03	0.034	59.290
661.60	1756	29:16	2.03	0.034	59.324
662.60	1757	29:17	2.03	0.034	59.357
663.60	1758	29:18	2.03	0.034	59.391
664.60	1759	29:19	2.03	0.034	59.425
665.60	1760	29:20	2.03	0.034	59.459
666.60	1761	29:21	2.03	0.034	59.492
667.60	1762	29:22	2.03	0.034	59.526
668.60	1763	29:23	2.03	0.034	59.560
669.60	1764	29:24	2.03	0.034	59.594
670.60	1765	29:25	2.03	0.034	59.628
671.60	1766	29:26	2.03	0.034	59.661
672.60	1767	29:27	2.03	0.034	59.695
673.60	1768	29:28	2.03	0.034	59.729
674.60	1769	29:29	2.03	0.034	59.763
675.60	1770	29:30	2.03	0.034	59.796
676.60	1771	29:31	2.03	0.034	59.830
677.60	1772	29:32	2.03	0.034	59.864
678.60	1773	29:33	2.03	0.034	59.898
679.60	1774	29:34	2.03	0.034	59.932
680.60	1775	29:35	2.03	0.034	59.965
681.60	1776	29:36	2.03	0.034	59.999
682.60	1777	29:37	2.03	0.034	60.033
683.60	1778	29:38	2.03	0.034	60.067
684.60	1779	29:39	2.03	0.034	60.101
685.60	1780	29:40	2.03	0.034	60.134
686.60	1781	29:41	2.03	0.034	60.168
687.60	1782	29:42	2.03	0.034	60.202
688.60	1783	29:43	2.03	0.034	60.236
689.60	1784	29:44	2.03	0.034	60.269
690.60	1785	29:45	2.03	0.034	60.303
691.60	1786	29:46	2.03	0.034	60.337
692.60	1787	29:47	2.03	0.034	60.371
693.60	1788	29:48	2.03	0.034	60.405
694.60	1789	29:49	2.03	0.034	60.438
695.60	1790	29:50	2.03	0.034	60.472
696.60	1791	29:51	2.03	0.034	60.506
697.60	1792	29:52	2.03	0.034	60.540
698.60	1793	29:53	2.03	0.034	60.574
699.60	1794	29:54	2.03	0.034	60.607
700.60	1795	29:55	2.03	0.034	60.641
701.60	1796	29:56	2.03	0.034	60.675
702.60	1797	29:57	2.03	0.034	60.709
703.60	1798	29:58	2.03	0.034	60.742
704.60	1799	29:59	2.03	0.034	60.776
705.60	1800	30:00	2.03	0.034	60.810
706.60	1801	30:01	2.03	0.034	60.844
707.60	1802	30:02	2.03	0.034	60.878
708.60	1803	30:03	2.03	0.034	60.911
709.60	1804	30:04	2.03	0.034	60.945
710.60	1805	30:05	2.03	0.034	60.979
711.60	1806	30:06	2.03	0.034	61.013
712.60	1807	30:07	2.03	0.034	61.046
713.60	1808	30:08	2.03	0.034	61.080
714.60	1809	30:09	2.03	0.034	61.114
715.60	1810	30:10	2.03	0.034	61.148
716.60	1811	30:11	2.03	0.034	61.182
717.60	1812	30:12	2.03	0.034	61.215
718.60	1813	30:13	2.03	0.034	61.249
719.60	1814	30:14	2.03	0.034	61.283
720.60	1815	30:15	2.03	0.034	61.317
721.60	1816	30:16	2.03	0.034	61.351
722.60	1817	30:17	2.03	0.034	61.384
723.60	1818	30:18	2.03	0.034	61.418
724.60	1819	30:19	2.03	0.034	61.452
725.60	1820	30:20	2.03	0.034	61.486
726.60	1821	30:21	2.03	0.034	61.519
727.60	1822	30:22	2.03	0.034	61.553
728.60	1823	30:23	2.03	0.034	61.587
729.60	1824	30:24	2.03	0.034	61.621
730.60	1825	30:25	2.03	0.034	61.655
731.60	1826	30:26	2.03	0.034	61.688
732.60	1827	30:27	2.03	0.034	61.722
733.60	1828	30:28	2.03	0.034	61.756
734.60	1829	30:29	2.03	0.034	61.790
735.60	1830	30:30	2.03	0.034	61.823
736.60	1831	30:31	2.03	0.034	61.857
737.60	1832	30:32	2.03	0.034	61.891
738.60	1833	30:33	2.03	0.034	61.925
739.60	1834	30:34	2.03	0.034	61.959
740.60	1835	30:35	2.03	0.034	61.992
741.60	1836	30:36	2.03	0.034	62.026
742.60	1837	30:37	2.03	0.034	62.060
743.60	1838	30:38	2.03	0.034	62.094
744.60	1839	30:39	2.03	0.034	62.128
745.60	1840	30:40	2.03	0.034	62.161
746.60	1841	30:41	2.03	0.034	62.195
747.60	1842	30:42	2.03	0.034	62.229
748.60	1843	30:43	2.03	0.034	62.263

749.60	1844	30:44	2.03	0.034	62.296
750.60	1845	30:45	2.03	0.034	62.330
751.60	1846	30:46	2.03	0.034	62.364
752.60	1847	30:47	2.03	0.034	62.398
753.60	1848	30:48	2.03	0.034	62.432
754.60	1849	30:49	2.03	0.034	62.465
755.60	1850	30:50	2.03	0.034	62.499
756.60	1851	30:51	2.03	0.034	62.533
757.60	1852	30:52	2.03	0.034	62.567
758.60	1853	30:53	2.03	0.034	62.601
759.60	1854	30:54	2.03	0.034	62.634
760.60	1855	30:55	2.03	0.034	62.668
761.60	1856	30:56	2.03	0.034	62.702
762.60	1857	30:57	2.03	0.034	62.736
763.60	1858	30:58	2.03	0.034	62.769
764.60	1859	30:59	2.03	0.034	62.803
765.60	1860	31:00	2.03	0.034	62.837
766.60	1861	31:01	2.03	0.034	62.871
767.60	1862	31:02	2.03	0.034	62.905
768.60	1863	31:03	2.03	0.034	62.938
769.60	1864	31:04	2.03	0.034	62.972
770.60	1865	31:05	2.03	0.034	63.006
771.60	1866	31:06	2.03	0.034	63.040
772.60	1867	31:07	2.03	0.034	63.073
773.60	1868	31:08	2.03	0.034	63.107
774.60	1869	31:09	2.03	0.034	63.141
775.60	1870	31:10	2.03	0.034	63.175
776.60	1871	31:11	2.03	0.034	63.209
777.60	1872	31:12	2.03	0.034	63.242
778.60	1873	31:13	2.03	0.034	63.276
779.60	1874	31:14	2.03	0.034	63.310
780.60	1875	31:15	2.03	0.034	63.344
781.60	1876	31:16	2.03	0.034	63.378
782.60	1877	31:17	2.03	0.034	63.411
783.60	1878	31:18	2.03	0.034	63.445
784.60	1879	31:19	2.03	0.034	63.479
785.60	1880	31:20	2.03	0.034	63.513
786.60	1881	31:21	2.03	0.034	63.546
787.60	1882	31:22	2.03	0.034	63.580
788.60	1883	31:23	2.03	0.034	63.614
789.60	1884	31:24	2.03	0.034	63.648
790.60	1885	31:25	2.03	0.034	63.682
791.60	1886	31:26	2.03	0.034	63.715
792.60	1887	31:27	2.03	0.034	63.749
793.60	1888	31:28	2.03	0.034	63.783
794.60	1889	31:29	2.03	0.034	63.817
795.60	1890	31:30	2.03	0.034	63.850
796.60	1891	31:31	2.03	0.034	63.884
797.60	1892	31:32	2.03	0.034	63.918
798.60	1893	31:33	2.03	0.034	63.952
799.60	1894	31:34	2.03	0.034	63.986
800.60	1895	31:35	2.03	0.034	64.019
801.60	1896	31:36	2.03	0.034	64.053
802.60	1897	31:37	2.03	0.034	64.087
803.60	1898	31:38	2.03	0.034	64.121
804.60	1899	31:39	2.03	0.034	64.155
805.60	1900	31:40	2.03	0.034	64.188
806.60	1901	31:41	2.03	0.034	64.222
807.60	1902	31:42	2.03	0.034	64.256
808.60	1903	31:43	2.03	0.034	64.290
809.60	1904	31:44	2.03	0.034	64.323
810.60	1905	31:45	2.03	0.034	64.357
811.60	1906	31:46	2.03	0.034	64.391
812.60	1907	31:47	2.03	0.034	64.425
813.60	1908	31:48	2.03	0.034	64.459
814.60	1909	31:49	2.03	0.034	64.492
815.60	1910	31:50	2.03	0.034	64.526
816.60	1911	31:51	2.03	0.034	64.560
817.60	1912	31:52	2.03	0.034	64.594
818.60	1913	31:53	2.03	0.034	64.628
819.60	1914	31:54	2.03	0.034	64.661
820.60	1915	31:55	2.03	0.034	64.695
821.60	1916	31:56	2.03	0.034	64.729
822.60	1917	31:57	2.03	0.034	64.763
823.60	1918	31:58	2.03	0.034	64.796
824.60	1919	31:59	2.03	0.034	64.830
825.60	1920	32:00	2.03	0.034	64.864
826.60	1921	32:01	2.03	0.034	64.898
827.60	1922	32:02	2.03	0.034	64.932
828.60	1923	32:03	2.03	0.034	64.965
829.60	1924	32:04	2.03	0.034	64.999
830.60	1925	32:05	2.03	0.034	65.033
831.60	1926	32:06	2.03	0.034	65.067
832.60	1927	32:07	2.03	0.034	65.100
833.60	1928	32:08	2.03	0.034	65.134
834.60	1929	32:09	2.03	0.034	65.168
835.60	1930	32:10	2.03	0.034	65.202
836.60	1931	32:11	2.03	0.034	65.236
837.60	1932	32:12	2.03	0.034	65.269
838.60	1933	32:13	2.03	0.034	65.303
839.60	1934	32:14	2.03	0.034	65.337
840.60	1935	32:15	2.03	0.034	65.371
841.60	1936	32:16	2.03	0.034	65.405
842.60	1937	32:17	2.03	0.034	65.438
843.60	1938	32:18	2.03	0.034	65.472
844.60	1939	32:19	2.03	0.034	65.506
845.60	1940	32:20	2.03	0.034	65.540
846.60	1941	32:21	2.03	0.034	65.573
847.60	1942	32:22	2.03	0.034	65.607
848.60	1943	32:23	2.03	0.034	65.641
849.60	1944	32:24	2.03	0.034	65.675
850.60	1945	32:25	2.03	0.034	65.709
851.60	1946	32:26	2.03	0.034	65.742
852.60	1947	32:27	2.03	0.034	65.776
853.60	1948	32:28	2.03	0.034	65.810
854.60	1949	32:29	2.03	0.034	65.844
855.60	1950	32:30	2.03	0.034	65.877
856.60	1951	32:31	2.03	0.034	65.911
857.60	1952	32:32	2.03	0.034	65.945
858.60	1953	32:33	2.03	0.034	65.979
859.60	1954	32:34	2.03	0.034	66.013
860.60	1955	32:35	2.03	0.034	66.046
861.60	1956	32:36	2.03	0.034	66.080
862.60	1957	32:37	2.03	0.034	66.114
863.60	1958	32:38	2.03	0.034	66.148
864.60	1959	32:39	2.03	0.034	66.182
865.60	1960	32:40	2.03	0.034	66.215
866.60	1961	32:41	2.03	0.034	66.249
867.60	1962	32:42	2.03	0.034	66.283
868.60	1963	32:43	2.03	0.034	66.317
869.60	1964	32:44	2.03	0.034	66.350
870.60	1965	32:45	2.03	0.034	66.384
871.60	1966	32:46	2.03	0.034	66.418
872.60	1967	32:47	2.03	0.034	66.452
873.60	1968	32:48	2.03	0.034	66.486
874.60	1969	32:49	2.03	0.034	66.519
875.60	1970	32:50	2.03	0.034	66.553
876.60	1971	32:51	2.03	0.034	66.587
877.60	1972	32:52	2.03	0.034	66.621
878.60	1973	32:53	2.03	0.034	66.655
879.60	1974	32:54	2.03	0.034	66.688
880.60	1975	32:55	2.03	0.034	66.722
881.60	1976	32:56	2.03	0.034	66.756
882.60	1977	32:57	2.03	0.034	66.790
883.60	1978	32:58	2.03	0.034	66.823
884.60	1979	32:59	2.03	0.034	66.857
885.60	1980	33:00	2.03	0.034	66.891
886.60	1981	33:01	2.03	0.034	66.925
887.60	1982	33:02	2.03	0.034	66.959
888.60	1983	33:03	2.03	0.034	66.992
889.60	1984	33:04	2.03	0.034	67.026
890.60	1985	33:05	2.03	0.034	67.060
891.60	1986	33:06	2.03	0.034	67.094
892.60	1987	33:07	2.03	0.034	67.127
893.60	1988	33:08	2.03	0.034	67.161
894.60	1989	33:09	2.03	0.034	67.195
895.60	1990	33:10	2.03	0.034	67.229
896.60	1991	33:11	2.03	0.034	67.263
897.60	1992	33:12	2.03	0.034	67.296
898.60	1993	33:13	2.03	0.034	67.330
899.60	1994	33:14	2.03	0.034	67.364
900.60	1995	33:15	2.03	0.034	67.398
901.60	1996	33:16	2.03	0.034	67.432
902.60	1997	33:17	2.03	0.034	67.465
903.60	1998	33:18	2.03	0.034	67.499
904.60	1999	33:19	2.03	0.034	67.533
905.60	2000	33:20	2.03	0.034	67.567
906.60	2001	33:21	2.03	0.034	67.600
907.60	2002	33:22	2.03	0.034	67.634
908.60	2003	33:23	2.03	0.034	67.668
909.60	2004	33:24	2.03	0.034	67.702
910.60	2005	33:25	2.03	0.034	67.736
911.60	2006	33:26	2.03	0.034	67.769
912.60	2007	33:27	2.03	0.034	67.803
913.60	2008	33:28	2.03	0.034	67.837
914.60	2009	33:29	2.03	0.034	67.871
915.60	2010	33:30	2.03	0.034	67.904
916.60	2011	33:31	2.03	0.034	67.938
917.60	2012	33:32	2.03	0.034	67.972
918.60	2013	33:33	2.03	0.034	68.006
919.60	2014	33:34	2.03	0.034	68.040
920.60	2015	33:35	2.03	0.034	68.073
921.60	2016	33:36	2.03	0.034	68.107
922.60	2017	33:37	2.03	0.034	68.141
923.60	2018	33:38	2.03	0.034	68.175
924.60	2019	33:39	2.03	0.034	68.209
925.60	2020	33:40	2.03	0.034	68.242
926.60	2021	33:41	2.03	0.034	68.276
927.60	2022	33:42	2.03	0.034	68.310
928.60	2023	33:43	2.03	0.034	68.344
929.60	2024	33:44	2.03	0.034	68.377
930.60	2025	33:45	2.03	0.034	68.411
931.60	2026	33:46	2.03	0.034	68.445
932.60	2027	33:47	2.03	0.034	68.479
933.60	2028	33:48	2.03	0.034	68.513
934.60	2029	33:49	2.03	0.034	68.546
935.60	2030	33:50	2.03	0.034	68.580
936.60	2031	33:51	2.03	0.034	68.614
937.60	2032	33:52	2.03	0.034	68.648
938.60	2033	33:53	2.03	0.034	68.682
939.60	2034	33:54	2.03	0.034	68.715
940.60	2035	33:55	2.03	0.034	68.749
941.60	2036	33:56	2.03	0.034	68.783
942.60	2037	33:57	2.03	0.034	68.817
943.60	2038	33:58	2.03	0.034	68.850
944.60	2039	33:59	2.03	0.034	68.884
945.60	2040	34:00	2.03	0.034	68.918
946.60	2041	34:01	2.03	0.034	68.952
947.60	2042	34:02	2.03	0.034	68.986
948.60	2043	34:03	2.03	0.034	69.019
949.60	2044	34:04	2.03	0.034	69.053
950.60	2045	34:05	2.03	0.034	69.087
951.60	2046	34:06	2.03	0.034	69.121
952.60	2047	34:07	2.03	0.034	69.154
953.60	2048	34:08	2.03	0.034	69.188
954.60	2049	34:09	2.03	0.034	69.222
955.60	2050	34:10	2.03	0.034	69.256
956.60	2051	34:11	2.03	0.034	69.290
957.60	2052	34:12	2.03	0.034	69.323
958.60	2053	34:13	2.03	0.034	69.357
959.60	2054	34:14	2.03	0.034	69.391
960.60	2055	34:15	2.03	0.034	69.425
961.60	2056	34:16	2.03	0.034	69.459
962.60	2057	34:17	2.03	0.034	69.492
963.60	2058	34:18	2.03	0.034	69.526
964.60	2059	34:19	2.03	0.034	69.560
965.60	2060	34:20	2.03	0.034	69.594
966.60	2061	34:21	2.03	0.034	69.627
967.60	2062	34:22	2.03	0.034	69.661
968.60	2063	34:23	2.03	0.034	69.695
969.60	2064	34:24	2.03	0.034	69.729
970.60	2065	34:25	2.03	0.034	69.763
971.60	2066	34:26	2.03	0.034	69.796
972.60	2067	34:27	2.03	0.034	69.830
973.60	2068	34:28	2.03	0.034	69.864
974.60	2069	34:29	2.03	0.034	69.898
975.60	2070	34:30	2.03	0.034	69.931
976.60	2071	34:31	2.03	0.034	69.965
977.60	2072	34:32	2.03	0.034	69.999
978.60	2073	34:33	2.03	0.034	70.033
979.60	2074	34:34	2.03	0.034	70.067
980.60	2075	34:35	2.03	0.034	70.100
981.60	2076	34:36	2.03	0.034	70.134
982.60	2077	34:37	2.03	0.034	70.168
983.60	2078	34:38	2.03	0.034	70.202
984.60	2079	34:39	2.03	0.034	70.236
985.60	2080	34:40	2.03	0.034	70.269

986.60	2081	34:41	2.03	0.034	70.303
987.60	2082	34:42	2.03	0.034	70.337
988.60	2083	34:43	2.03	0.034	70.371
989.60	2084	34:44	2.03	0.034	70.404
990.60	2085	34:45	2.03	0.034	70.438
991.60	2086	34:46	2.03	0.034	70.472
992.60	2087	34:47	2.03	0.034	70.506
993.60	2088	34:48	2.03	0.034	70.540
994.60	2089	34:49	2.03	0.034	70.573
995.60	2090	34:50	2.03	0.034	70.607
996.60	2091	34:51	2.03	0.034	70.641
997.60	2092	34:52	2.03	0.034	70.675
998.60	2093	34:53	2.03	0.034	70.709
999.60	2094	34:54	2.03	0.034	70.742
1000.60	2095	34:55	2.03	0.034	70.776
1001.60	2096	34:56	2.03	0.034	70.810
1002.60	2097	34:57	2.03	0.034	70.844
1003.60	2098	34:58	2.03	0.034	70.877
1004.60	2099	34:59	2.03	0.034	70.911
1005.60	2100	35:00	2.03	0.034	70.945
1006.60	2101	35:01	2.03	0.034	70.979
1007.60	2102	35:02	2.03	0.034	71.013
1008.60	2103	35:03	2.03	0.034	71.046
1009.60	2104	35:04	2.03	0.034	71.080
1010.60	2105	35:05	2.03	0.034	71.114
1011.60	2106	35:06	2.03	0.034	71.148
1012.60	2107	35:07	2.03	0.034	71.181
1013.60	2108	35:08	2.03	0.034	71.215
1014.60	2109	35:09	2.03	0.034	71.249
1015.60	2110	35:10	2.03	0.034	71.283
1016.60	2111	35:11	2.03	0.034	71.317
1017.60	2112	35:12	2.03	0.034	71.350
1018.60	2113	35:13	2.03	0.034	71.384
1019.60	2114	35:14	2.03	0.034	71.418
1020.60	2115	35:15	2.03	0.034	71.452
1021.60	2116	35:16	2.03	0.034	71.486
1022.60	2117	35:17	2.03	0.034	71.519
1023.60	2118	35:18	2.03	0.034	71.553
1024.60	2119	35:19	2.03	0.034	71.587
1025.60	2120	35:20	2.03	0.034	71.621
1026.60	2121	35:21	2.03	0.034	71.654
1027.60	2122	35:22	2.03	0.034	71.688
1028.60	2123	35:23	2.03	0.034	71.722
1029.60	2124	35:24	2.03	0.034	71.756
1030.60	2125	35:25	2.03	0.034	71.790
1031.60	2126	35:26	2.03	0.034	71.823
1032.60	2127	35:27	2.03	0.034	71.857
1033.60	2128	35:28	2.03	0.034	71.891
1034.60	2129	35:29	2.03	0.034	71.925
1035.60	2130	35:30	2.03	0.034	71.958
1036.60	2131	35:31	2.03	0.034	71.992
1037.60	2132	35:32	2.03	0.034	72.026
1038.60	2133	35:33	2.03	0.034	72.060
1039.60	2134	35:34	2.03	0.034	72.094
1040.60	2135	35:35	2.03	0.034	72.127
1041.60	2136	35:36	2.03	0.034	72.161
1042.60	2137	35:37	2.03	0.034	72.195
1043.60	2138	35:38	2.03	0.034	72.229
1044.60	2139	35:39	2.03	0.034	72.263
1045.60	2140	35:40	2.03	0.034	72.296
1046.60	2141	35:41	2.03	0.034	72.330
1047.60	2142	35:42	2.03	0.034	72.364
1048.60	2143	35:43	2.03	0.034	72.398
1049.60	2144	35:44	2.03	0.034	72.431
1050.60	2145	35:45	2.03	0.034	72.465
1051.60	2146	35:46	2.03	0.034	72.499
1052.60	2147	35:47	2.03	0.034	72.533
1053.60	2148	35:48	2.03	0.034	72.567
1054.60	2149	35:49	2.03	0.034	72.600
1055.60	2150	35:50	2.03	0.034	72.634
1056.60	2151	35:51	2.03	0.034	72.668
1057.60	2152	35:52	2.03	0.034	72.702
1058.60	2153	35:53	2.03	0.034	72.736
1059.60	2154	35:54	2.03	0.034	72.769
1060.60	2155	35:55	2.03	0.034	72.803
1061.60	2156	35:56	2.03	0.034	72.837
1062.60	2157	35:57	2.03	0.034	72.871
1063.60	2158	35:58	2.03	0.034	72.904
1064.60	2159	35:59	2.03	0.034	72.938
1065.60	2160	36:00	2.03	0.034	72.972
1066.60	2161	36:01	6.00	0.100	0.100
1067.60	2162	36:02	6.00	0.100	0.200
1068.60	2163	36:03	6.00	0.100	0.300
1069.60	2164	36:04	6.00	0.100	0.400
1070.60	2165	36:05	6.00	0.100	0.500
1071.60	2166	36:06	6.00	0.100	0.600
1072.60	2167	36:07	6.00	0.100	0.700
1073.60	2168	36:08	6.00	0.100	0.800
1074.60	2169	36:09	6.00	0.100	0.900
1075.60	2170	36:10	6.00	0.100	1.000
1076.60	2171	36:11	6.00	0.100	1.100
1077.60	2172	36:12	6.00	0.100	1.200
1078.60	2173	36:13	6.00	0.100	1.300
1079.60	2174	36:14	6.00	0.100	1.400
1080.60	2175	36:15	6.00	0.100	1.500
1081.60	2176	36:16	6.00	0.100	1.600
1082.60	2177	36:17	6.00	0.100	1.700
1083.60	2178	36:18	6.00	0.100	1.800
1084.60	2179	36:19	6.00	0.100	1.900
1085.60	2180	36:20	6.00	0.100	2.000
1086.60	2181	36:21	6.00	0.100	2.100
1087.60	2182	36:22	6.00	0.100	2.200
1088.60	2183	36:23	6.00	0.100	2.300
1089.60	2184	36:24	6.00	0.100	2.400
1090.60	2185	36:25	6.00	0.100	2.500
1091.60	2186	36:26	6.00	0.100	2.600
1092.60	2187	36:27	6.00	0.100	2.700
1093.60	2188	36:28	6.00	0.100	2.800
1094.60	2189	36:29	6.00	0.100	2.900
1095.60	2190	36:30	6.00	0.100	3.000
1096.60	2191	36:31	6.00	0.100	3.100
1097.60	2192	36:32	6.00	0.100	3.200
1098.60	2193	36:33	6.00	0.100	3.300
1099.60	2194	36:34	6.00	0.100	3.400
1100.60	2195	36:35	6.00	0.100	3.500
1101.60	2196	36:36	6.00	0.100	3.600
1102.60	2197	36:37	6.00	0.100	3.700
1103.60	2198	36:38	6.00	0.100	3.800
1104.60	2199	36:39	6.00	0.100	3.900
1105.60	2200	36:40	6.00	0.100	4.000
1106.60	2201	36:41	6.00	0.100	4.100
1107.60	2202	36:42	6.00	0.100	4.200
1108.60	2203	36:43	6.00	0.100	4.300
1109.60	2204	36:44	6.00	0.100	4.400
1110.60	2205	36:45	6.00	0.100	4.500
1111.60	2206	36:46	6.00	0.100	4.600
1112.60	2207	36:47	6.00	0.100	4.700
1113.60	2208	36:48	6.00	0.100	4.800
1114.60	2209	36:49	6.00	0.100	4.900
1115.60	2210	36:50	6.00	0.100	5.000
1116.60	2211	36:51	6.00	0.100	5.100
1117.60	2212	36:52	6.00	0.100	5.200
1118.60	2213	36:53	6.00	0.100	5.300
1119.60	2214	36:54	6.00	0.100	5.400
1120.60	2215	36:55	6.00	0.100	5.500
1121.60	2216	36:56	6.00	0.100	5.600
1122.60	2217	36:57	6.00	0.100	5.700
1123.60	2218	36:58	6.00	0.100	5.800
1124.60	2219	36:59	6.00	0.100	5.900
1125.60	2220	37:00	6.00	0.100	6.000
1126.60	2221	37:01	4.00	0.067	0.067
1127.60	2222	37:02	4.00	0.067	0.133
1128.60	2223	37:03	4.00	0.067	0.200
1129.60	2224	37:04	4.00	0.067	0.267
1130.60	2225	37:05	4.00	0.067	0.333
1131.60	2226	37:06	4.00	0.067	0.400
1132.60	2227	37:07	4.00	0.067	0.467
1133.60	2228	37:08	4.00	0.067	0.533
1134.60	2229	37:09	4.00	0.067	0.600
1135.60	2230	37:10	4.00	0.067	0.667
1136.60	2231	37:11	4.00	0.067	0.733
1137.60	2232	37:12	4.00	0.067	0.800
1138.60	2233	37:13	4.00	0.067	0.867
1139.60	2234	37:14	4.00	0.067	0.933
1140.60	2235	37:15	4.00	0.067	1.000
1141.60	2236	37:16	4.00	0.067	1.067
1142.60	2237	37:17	4.00	0.067	1.133
1143.60	2238	37:18	4.00	0.067	1.200
1144.60	2239	37:19	4.00	0.067	1.267
1145.60	2240	37:20	4.00	0.067	1.333
1146.60	2241	37:21	4.00	0.067	1.400
1147.60	2242	37:22	4.00	0.067	1.467
1148.60	2243	37:23	4.00	0.067	1.533
1149.60	2244	37:24	4.00	0.067	1.600
1150.60	2245	37:25	4.00	0.067	1.667
1151.60	2246	37:26	4.00	0.067	1.733
1152.60	2247	37:27	4.00	0.067	1.800
1153.60	2248	37:28	4.00	0.067	1.867
1154.60	2249	37:29	4.00	0.067	1.933
1155.60	2250	37:30	4.00	0.067	2.000
1156.60	2251	37:31	4.00	0.067	2.067
1157.60	2252	37:32	4.00	0.067	2.133
1158.60	2253	37:33	4.00	0.067	2.200
1159.60	2254	37:34	4.00	0.067	2.267
1160.60	2255	37:35	4.00	0.067	2.333
1161.60	2256	37:36	4.00	0.067	2.400
1162.60	2257	37:37	4.00	0.067	2.467
1163.60	2258	37:38	4.00	0.067	2.533
1164.60	2259	37:39	4.00	0.067	2.600
1165.60	2260	37:40	4.00	0.067	2.667
1166.60	2261	37:41	4.00	0.067	2.733
1167.60	2262	37:42	4.00	0.067	2.800
1168.60	2263	37:43	4.00	0.067	2.867
1169.60	2264	37:44	4.00	0.067	2.933
1170.60	2265	37:45	4.00	0.067	3.000
1171.60	2266	37:46	4.00	0.067	3.067
1172.60	2267	37:47	4.00	0.067	3.133
1173.60	2268	37:48	4.00	0.067	3.200
1174.60	2269	37:49	4.00	0.067	3.267
1175.60	2270	37:50	4.00	0.067	3.333
1176.60	2271	37:51	4.00	0.067	3.400
1177.60	2272	37:52	4.00	0.067	3.467
1178.60	2273	37:53	4.00	0.067	3.533
1179.60	2274	37:54	4.00	0.067	3.600
1180.60	2275	37:55	4.00	0.067	3.667
1181.60	2276	37:56	4.00	0.067	3.733
1182.60	2277	37:57	4.00	0.067	3.800
1183.60	2278	37:58	4.00	0.067	3.867
1184.60	2279	37:59	4.00	0.067	3.933
1185.60	2280	38:00	4.00	0.067	4.000
1186.60	2281	38:01	6.00	0.100	0.100
1187.60	2282	38:02	6.00	0.100	0.200
1188.60	2283	38:03	6.00	0.100	0.300
1189.60	2284	38:04	6.00	0.100	0.400
1190.60	2285	38:05	6.00	0.100	0.500
1191.60	2286	38:06	6.00	0.100	0.600
1192.60	2287	38:07	6.00	0.100	0.700
1193.60	2288	38:08	6.00	0.100	0.800
1194.60	2289	38:09	6.00	0.100	0.900
1195.60	2290	38:10	6.00	0.100	1.000
1196.60	2291	38:11	6.00	0.100	1.100
1197.60	2292	38:12	6.00	0.100	1.200
1198.60	2293	38:13	6.00	0.100	1.300
1199.60	2294	38:14	6.00	0.100	1.400
1200.60	2295	38:15	6.00	0.100	1.500
1201.60	2296	38:16	6.00	0.100	1.600
1202.60	2297	38:17	6.00	0.100	1.700
1203.60	2298	38:18	6.00	0.100	1.800
1204.60	2299	38:19	6.00	0.100	1.900
1205.60	2300	38:20	6.00	0.100	2.000
1206.60	2301	38:21	6.00	0.100	2.100
1207.60	2302	38:22	6.00	0.100	2.200
1208.60	2303	38:23	6.00	0.100	2.300
1209.60	2304	38:24	6.00	0.100	2.400
1210.60	2305	38:25	6.00	0.100	2.500
1211.60	2306	38:26	6.00	0.100	2.600
1212.60	2307	38:27	6.00	0.100	2.700
1213.60	2308	38:28	6.00	0.100	2.800
1214.60	2309	38:29	6.00	0.100	2.900
1215.60	2310	38:30	6.00	0.100	3.000
1216.60	2311	38:31	6.00	0.100	3.100
1217.60	2312	38:32	6.00	0.100	3.200
1218.60	2313	38:33	6.00	0.100	3.300
1219.60	2314	38:34	6.00	0.100	3.400
1220.60	2315	38:35	6.00	0.100	3.500
1221.60	2316	38:36	6.00	0.100	3.600
1222.60	2317	38:37	6.00	0.100	3.700

1223.60	2318	38:38	6.00	0.100	3.800
1224.60	2319	38:39	6.00	0.100	3.900
1225.60	2320	38:40	6.00	0.100	4.000
1226.60	2321	38:41	6.00	0.100	4.100
1227.60	2322	38:42	6.00	0.100	4.200
1228.60	2323	38:43	6.00	0.100	4.300
1229.60	2324	38:44	6.00	0.100	4.400
1230.60	2325	38:45	6.00	0.100	4.500
1231.60	2326	38:46	6.00	0.100	4.600
1232.60	2327	38:47	6.00	0.100	4.700
1233.60	2328	38:48	6.00	0.100	4.800
1234.60	2329	38:49	6.00	0.100	4.900
1235.60	2330	38:50	6.00	0.100	5.000
1236.60	2331	38:51	6.00	0.100	5.100
1237.60	2332	38:52	6.00	0.100	5.200
1238.60	2333	38:53	6.00	0.100	5.300
1239.60	2334	38:54	6.00	0.100	5.400
1240.60	2335	38:55	6.00	0.100	5.500
1241.60	2336	38:56	6.00	0.100	5.600
1242.60	2337	38:57	6.00	0.100	5.700
1243.60	2338	38:58	6.00	0.100	5.800
1244.60	2339	38:59	6.00	0.100	5.900
1245.60	2340	39:00	6.00	0.100	6.000
1246.60	2341	39:01	13.00	0.217	0.217
1247.60	2342	39:02	13.00	0.217	0.433
1248.60	2343	39:03	13.00	0.217	0.650
1249.60	2344	39:04	13.00	0.217	0.867
1250.60	2345	39:05	13.00	0.217	1.083
1251.60	2346	39:06	13.00	0.217	1.300
1252.60	2347	39:07	13.00	0.217	1.517
1253.60	2348	39:08	13.00	0.217	1.733
1254.60	2349	39:09	13.00	0.217	1.950
1255.60	2350	39:10	13.00	0.217	2.167
1256.60	2351	39:11	13.00	0.217	2.383
1257.60	2352	39:12	13.00	0.217	2.600
1258.60	2353	39:13	13.00	0.217	2.817
1259.60	2354	39:14	13.00	0.217	3.033
1260.60	2355	39:15	13.00	0.217	3.250
1261.60	2356	39:16	13.00	0.217	3.467
1262.60	2357	39:17	13.00	0.217	3.683
1263.60	2358	39:18	13.00	0.217	3.900
1264.60	2359	39:19	13.00	0.217	4.117
1265.60	2360	39:20	13.00	0.217	4.333
1266.60	2361	39:21	13.00	0.217	4.550
1267.60	2362	39:22	13.00	0.217	4.767
1268.60	2363	39:23	13.00	0.217	4.983
1269.60	2364	39:24	13.00	0.217	5.200
1270.60	2365	39:25	13.00	0.217	5.417
1271.60	2366	39:26	13.00	0.217	5.633
1272.60	2367	39:27	13.00	0.217	5.850
1273.60	2368	39:28	13.00	0.217	6.067
1274.60	2369	39:29	13.00	0.217	6.283
1275.60	2370	39:30	13.00	0.217	6.500
1276.60	2371	39:31	13.00	0.217	6.717
1277.60	2372	39:32	13.00	0.217	6.933
1278.60	2373	39:33	13.00	0.217	7.150
1279.60	2374	39:34	13.00	0.217	7.367
1280.60	2375	39:35	13.00	0.217	7.583
1281.60	2376	39:36	13.00	0.217	7.800
1282.60	2377	39:37	13.00	0.217	8.017
1283.60	2378	39:38	13.00	0.217	8.233
1284.60	2379	39:39	13.00	0.217	8.450
1285.60	2380	39:40	13.00	0.217	8.667
1286.60	2381	39:41	13.00	0.217	8.883
1287.60	2382	39:42	13.00	0.217	9.100
1288.60	2383	39:43	13.00	0.217	9.317
1289.60	2384	39:44	13.00	0.217	9.533
1290.60	2385	39:45	13.00	0.217	9.750
1291.60	2386	39:46	13.00	0.217	9.967
1292.60	2387	39:47	13.00	0.217	10.183
1293.60	2388	39:48	13.00	0.217	10.400
1294.60	2389	39:49	13.00	0.217	10.617
1295.60	2390	39:50	13.00	0.217	10.833
1296.60	2391	39:51	13.00	0.217	11.050
1297.60	2392	39:52	13.00	0.217	11.267
1298.60	2393	39:53	13.00	0.217	11.483
1299.60	2394	39:54	13.00	0.217	11.700
1300.60	2395	39:55	13.00	0.217	11.917
1301.60	2396	39:56	13.00	0.217	12.133
1302.60	2397	39:57	13.00	0.217	12.350
1303.60	2398	39:58	13.00	0.217	12.567
1304.60	2399	39:59	13.00	0.217	12.783
1305.60	2400	40:00	13.00	0.217	13.000
1306.60	2401	40:01	17.00	0.283	0.283
1307.60	2402	40:02	17.00	0.283	0.567
1308.60	2403	40:03	17.00	0.283	0.850
1309.60	2404	40:04	17.00	0.283	1.133
1310.60	2405	40:05	17.00	0.283	1.417
1311.60	2406	40:06	17.00	0.283	1.700
1312.60	2407	40:07	17.00	0.283	1.983
1313.60	2408	40:08	17.00	0.283	2.267
1314.60	2409	40:09	17.00	0.283	2.550
1315.60	2410	40:10	17.00	0.283	2.833
1316.60	2411	40:11	17.00	0.283	3.117
1317.60	2412	40:12	17.00	0.283	3.400
1318.60	2413	40:13	17.00	0.283	3.683
1319.60	2414	40:14	17.00	0.283	3.967
1320.60	2415	40:15	17.00	0.283	4.250
1321.60	2416	40:16	17.00	0.283	4.533
1322.60	2417	40:17	17.00	0.283	4.817
1323.60	2418	40:18	17.00	0.283	5.100
1324.60	2419	40:19	17.00	0.283	5.383
1325.60	2420	40:20	17.00	0.283	5.667
1326.60	2421	40:21	17.00	0.283	5.950
1327.60	2422	40:22	17.00	0.283	6.233
1328.60	2423	40:23	17.00	0.283	6.517
1329.60	2424	40:24	17.00	0.283	6.800
1330.60	2425	40:25	17.00	0.283	7.083
1331.60	2426	40:26	17.00	0.283	7.367
1332.60	2427	40:27	17.00	0.283	7.650
1333.60	2428	40:28	17.00	0.283	7.933
1334.60	2429	40:29	17.00	0.283	8.217
1335.60	2430	40:30	17.00	0.283	8.500
1336.60	2431	40:31	17.00	0.283	8.783
1337.60	2432	40:32	17.00	0.283	9.067
1338.60	2433	40:33	17.00	0.283	9.350
1339.60	2434	40:34	17.00	0.283	9.633
1340.60	2435	40:35	17.00	0.283	9.917
1341.60	2436	40:36	17.00	0.283	10.200
1342.60	2437	40:37	17.00	0.283	10.483
1343.60	2438	40:38	17.00	0.283	10.767
1344.60	2439	40:39	17.00	0.283	11.050
1345.60	2440	40:40	17.00	0.283	11.333
1346.60	2441	40:41	17.00	0.283	11.617
1347.60	2442	40:42	17.00	0.283	11.900
1348.60	2443	40:43	17.00	0.283	12.183
1349.60	2444	40:44	17.00	0.283	12.467
1350.60	2445	40:45	17.00	0.283	12.750
1351.60	2446	40:46	17.00	0.283	13.033
1352.60	2447	40:47	17.00	0.283	13.317
1353.60	2448	40:48	17.00	0.283	13.600
1354.60	2449	40:49	17.00	0.283	13.883
1355.60	2450	40:50	17.00	0.283	14.167
1356.60	2451	40:51	17.00	0.283	14.450
1357.60	2452	40:52	17.00	0.283	14.733
1358.60	2453	40:53	17.00	0.283	15.017
1359.60	2454	40:54	17.00	0.283	15.300
1360.60	2455	40:55	17.00	0.283	15.583
1361.60	2456	40:56	17.00	0.283	15.867
1362.60	2457	40:57	17.00	0.283	16.150
1363.60	2458	40:58	17.00	0.283	16.433
1364.60	2459	40:59	17.00	0.283	16.717
1365.60	2460	41:00	17.00	0.283	17.000
1366.60	2461	41:01	13.00	0.217	0.217
1367.60	2462	41:02	13.00	0.217	0.433
1368.60	2463	41:03	13.00	0.217	0.650
1369.60	2464	41:04	13.00	0.217	0.867
1370.60	2465	41:05	13.00	0.217	1.083
1371.60	2466	41:06	13.00	0.217	1.300
1372.60	2467	41:07	13.00	0.217	1.517
1373.60	2468	41:08	13.00	0.217	1.733
1374.60	2469	41:09	13.00	0.217	1.950
1375.60	2470	41:10	13.00	0.217	2.167
1376.60	2471	41:11	13.00	0.217	2.383
1377.60	2472	41:12	13.00	0.217	2.600
1378.60	2473	41:13	13.00	0.217	2.817
1379.60	2474	41:14	13.00	0.217	3.033
1380.60	2475	41:15	13.00	0.217	3.250
1381.60	2476	41:16	13.00	0.217	3.467
1382.60	2477	41:17	13.00	0.217	3.683
1383.60	2478	41:18	13.00	0.217	3.900
1384.60	2479	41:19	13.00	0.217	4.117
1385.60	2480	41:20	13.00	0.217	4.333
1386.60	2481	41:21	13.00	0.217	4.550
1387.60	2482	41:22	13.00	0.217	4.767
1388.60	2483	41:23	13.00	0.217	4.983
1389.60	2484	41:24	13.00	0.217	5.200
1390.60	2485	41:25	13.00	0.217	5.417
1391.60	2486	41:26	13.00	0.217	5.633
1392.60	2487	41:27	13.00	0.217	5.850
1393.60	2488	41:28	13.00	0.217	6.067
1394.60	2489	41:29	13.00	0.217	6.283
1395.60	2490	41:30	13.00	0.217	6.500
1396.60	2491	41:31	13.00	0.217	6.717
1397.60	2492	41:32	13.00	0.217	6.933
1398.60	2493	41:33	13.00	0.217	7.150
1399.60	2494	41:34	13.00	0.217	7.367
1400.60	2495	41:35	13.00	0.217	7.583
1401.60	2496	41:36	13.00	0.217	7.800
1402.60	2497	41:37	13.00	0.217	8.017
1403.60	2498	41:38	13.00	0.217	8.233
1404.60	2499	41:39	13.00	0.217	8.450
1405.60	2500	41:40	13.00	0.217	8.667
1406.60	2501	41:41	13.00	0.217	8.883
1407.60	2502	41:42	13.00	0.217	9.100
1408.60	2503	41:43	13.00	0.217	9.317
1409.60	2504	41:44	13.00	0.217	9.533
1410.60	2505	41:45	13.00	0.217	9.750
1411.60	2506	41:46	13.00	0.217	9.967
1412.60	2507	41:47	13.00	0.217	10.183
1413.60	2508	41:48	13.00	0.217	10.400
1414.60	2509	41:49	13.00	0.217	10.617
1415.60	2510	41:50	13.00	0.217	10.833
1416.60	2511	41:51	13.00	0.217	11.050
1417.60	2512	41:52	13.00	0.217	11.267
1418.60	2513	41:53	13.00	0.217	11.483
1419.60	2514	41:54	13.00	0.217	11.700
1420.60	2515	41:55	13.00	0.217	11.917
1421.60	2516	41:56	13.00	0.217	12.133
1422.60	2517	41:57	13.00	0.217	12.350
1423.60	2518	41:58	13.00	0.217	12.567
1424.60	2519	41:59	13.00	0.217	12.783
1425.60	2520	42:00	13.00	0.217	13.000
1426.60	2521	42:01	23.00	0.383	0.383
1427.60	2522	42:02	23.00	0.383	0.767
1428.60	2523	42:03	23.00	0.383	1.150
1429.60	2524	42:04	23.00	0.383	1.533
1430.60	2525	42:05	23.00	0.383	1.917
1431.60	2526	42:06	23.00	0.383	2.300
1432.60	2527	42:07	23.00	0.383	2.683
1433.60	2528	42:08	23.00	0.383	3.067
1434.60	2529	42:09	23.00	0.383	3.450
1435.60	2530	42:10	23.00	0.383	3.833
1436.60	2531	42:11	23.00	0.383	4.217
1437.60	2532	42:12	23.00	0.383	4.600
1438.60	2533	42:13	23.00	0.383	4.983
1439.60	2534	42:14	23.00	0.383	5.367
1440.60	2535	42:15	23.00	0.383	5.750
1441.60	2536	42:16	23.00	0.383	6.133
1442.60	2537	42:17	23.00	0.383	6.517
1443.60	2538	42:18	23.00	0.383	6.900
1444.60	2539	42:19	23.00	0.383	7.283
1445.60	2540	42:20	23.00	0.383	7.667
1446.60	2541	42:21	23.00	0.383	8.050
1447.60	2542	42:22	23.00	0.383	8.433
1448.60	2543	42:23	23.00	0.383	8.817
1449.60	2544	42:24	23.00	0.383	9.200
1450.60	2545	42:25	23.00	0.383	9.583
1451.60	2546	42:26	23.00	0.383	9.967
1452.60	2547	42:27	23.00	0.383	10.350
1453.60	2548	42:28	23.00	0.383	10.733
1454.60	2549	42:29	23.00	0.383	11.117
1455.60	2550	42:30	23.00	0.383	11.500
1456.60	2551	42:31	23.00	0.383	11.883
1457.60	2552	42:32	23.00	0.383	12.267
1458.60	2553	42:33	23.00	0.383	12.650
1459.60	2554	42:34	23.00	0.383	13.033

1460.60	2555	42:35	23.00	0.383	13.417
1461.60	2556	42:36	23.00	0.383	13.800
1462.60	2557	42:37	23.00	0.383	14.183
1463.60	2558	42:38	23.00	0.383	14.567
1464.60	2559	42:39	23.00	0.383	14.950
1465.60	2560	42:40	23.00	0.383	15.333
1466.60	2561	42:41	23.00	0.383	15.717
1467.60	2562	42:42	23.00	0.383	16.100
1468.60	2563	42:43	23.00	0.383	16.483
1469.60	2564	42:44	23.00	0.383	16.867
1470.60	2565	42:45	23.00	0.383	17.250
1471.60	2566	42:46	23.00	0.383	17.633
1472.60	2567	42:47	23.00	0.383	18.017
1473.60	2568	42:48	23.00	0.383	18.400
1474.60	2569	42:49	23.00	0.383	18.783
1475.60	2570	42:50	23.00	0.383	19.167
1476.60	2571	42:51	23.00	0.383	19.550
1477.60	2572	42:52	23.00	0.383	19.933
1478.60	2573	42:53	23.00	0.383	20.317
1479.60	2574	42:54	23.00	0.383	20.700
1480.60	2575	42:55	23.00	0.383	21.083
1481.60	2576	42:56	23.00	0.383	21.467
1482.60	2577	42:57	23.00	0.383	21.850
1483.60	2578	42:58	23.00	0.383	22.233
1484.60	2579	42:59	23.00	0.383	22.617
1485.60	2580	43:00	23.00	0.383	23.000
1486.60	2581	43:01	13.00	0.217	0.217
1487.60	2582	43:02	13.00	0.217	0.433
1488.60	2583	43:03	13.00	0.217	0.650
1489.60	2584	43:04	13.00	0.217	0.867
1490.60	2585	43:05	13.00	0.217	1.083
1491.60	2586	43:06	13.00	0.217	1.300
1492.60	2587	43:07	13.00	0.217	1.517
1493.60	2588	43:08	13.00	0.217	1.733
1494.60	2589	43:09	13.00	0.217	1.950
1495.60	2590	43:10	13.00	0.217	2.167
1496.60	2591	43:11	13.00	0.217	2.383
1497.60	2592	43:12	13.00	0.217	2.600
1498.60	2593	43:13	13.00	0.217	2.817
1499.60	2594	43:14	13.00	0.217	3.033
1500.60	2595	43:15	13.00	0.217	3.250
1501.60	2596	43:16	13.00	0.217	3.467
1502.60	2597	43:17	13.00	0.217	3.683
1503.60	2598	43:18	13.00	0.217	3.900
1504.60	2599	43:19	13.00	0.217	4.117
1505.60	2600	43:20	13.00	0.217	4.333
1506.60	2601	43:21	13.00	0.217	4.550
1507.60	2602	43:22	13.00	0.217	4.767
1508.60	2603	43:23	13.00	0.217	4.983
1509.60	2604	43:24	13.00	0.217	5.200
1510.60	2605	43:25	13.00	0.217	5.417
1511.60	2606	43:26	13.00	0.217	5.633
1512.60	2607	43:27	13.00	0.217	5.850
1513.60	2608	43:28	13.00	0.217	6.067
1514.60	2609	43:29	13.00	0.217	6.283
1515.60	2610	43:30	13.00	0.217	6.500
1516.60	2611	43:31	13.00	0.217	6.717
1517.60	2612	43:32	13.00	0.217	6.933
1518.60	2613	43:33	13.00	0.217	7.150
1519.60	2614	43:34	13.00	0.217	7.367
1520.60	2615	43:35	13.00	0.217	7.583
1521.60	2616	43:36	13.00	0.217	7.800
1522.60	2617	43:37	13.00	0.217	8.017
1523.60	2618	43:38	13.00	0.217	8.233
1524.60	2619	43:39	13.00	0.217	8.450
1525.60	2620	43:40	13.00	0.217	8.667
1526.60	2621	43:41	13.00	0.217	8.883
1527.60	2622	43:42	13.00	0.217	9.100
1528.60	2623	43:43	13.00	0.217	9.317
1529.60	2624	43:44	13.00	0.217	9.533
1530.60	2625	43:45	13.00	0.217	9.750
1531.60	2626	43:46	13.00	0.217	9.967
1532.60	2627	43:47	13.00	0.217	10.183
1533.60	2628	43:48	13.00	0.217	10.400
1534.60	2629	43:49	13.00	0.217	10.617
1535.60	2630	43:50	13.00	0.217	10.833
1536.60	2631	43:51	13.00	0.217	11.050
1537.60	2632	43:52	13.00	0.217	11.267
1538.60	2633	43:53	13.00	0.217	11.483
1539.60	2634	43:54	13.00	0.217	11.700
1540.60	2635	43:55	13.00	0.217	11.917
1541.60	2636	43:56	13.00	0.217	12.133
1542.60	2637	43:57	13.00	0.217	12.350
1543.60	2638	43:58	13.00	0.217	12.567
1544.60	2639	43:59	13.00	0.217	12.783
1545.60	2640	44:00	13.00	0.217	13.000
1546.60	2641	44:01	13.00	0.217	0.217
1547.60	2642	44:02	13.00	0.217	0.433
1548.60	2643	44:03	13.00	0.217	0.650
1549.60	2644	44:04	13.00	0.217	0.867
1550.60	2645	44:05	13.00	0.217	1.083
1551.60	2646	44:06	13.00	0.217	1.300
1552.60	2647	44:07	13.00	0.217	1.517
1553.60	2648	44:08	13.00	0.217	1.733
1554.60	2649	44:09	13.00	0.217	1.950
1555.60	2650	44:10	13.00	0.217	2.167
1556.60	2651	44:11	13.00	0.217	2.383
1557.60	2652	44:12	13.00	0.217	2.600
1558.60	2653	44:13	13.00	0.217	2.817
1559.60	2654	44:14	13.00	0.217	3.033
1560.60	2655	44:15	13.00	0.217	3.250
1561.60	2656	44:16	13.00	0.217	3.467
1562.60	2657	44:17	13.00	0.217	3.683
1563.60	2658	44:18	13.00	0.217	3.900
1564.60	2659	44:19	13.00	0.217	4.117
1565.60	2660	44:20	13.00	0.217	4.333
1566.60	2661	44:21	13.00	0.217	4.550
1567.60	2662	44:22	13.00	0.217	4.767
1568.60	2663	44:23	13.00	0.217	4.983
1569.60	2664	44:24	13.00	0.217	5.200
1570.60	2665	44:25	13.00	0.217	5.417
1571.60	2666	44:26	13.00	0.217	5.633
1572.60	2667	44:27	13.00	0.217	5.850
1573.60	2668	44:28	13.00	0.217	6.067
1574.60	2669	44:29	13.00	0.217	6.283
1575.60	2670	44:30	13.00	0.217	6.500
1576.60	2671	44:31	13.00	0.217	6.717
1577.60	2672	44:32	13.00	0.217	6.933
1578.60	2673	44:33	13.00	0.217	7.150
1579.60	2674	44:34	13.00	0.217	7.367
1580.60	2675	44:35	13.00	0.217	7.583
1581.60	2676	44:36	13.00	0.217	7.800
1582.60	2677	44:37	13.00	0.217	8.017
1583.60	2678	44:38	13.00	0.217	8.233
1584.60	2679	44:39	13.00	0.217	8.450
1585.60	2680	44:40	13.00	0.217	8.667
1586.60	2681	44:41	13.00	0.217	8.883
1587.60	2682	44:42	13.00	0.217	9.100
1588.60	2683	44:43	13.00	0.217	9.317
1589.60	2684	44:44	13.00	0.217	9.533
1590.60	2685	44:45	13.00	0.217	9.750
1591.60	2686	44:46	13.00	0.217	9.967
1592.60	2687	44:47	13.00	0.217	10.183
1593.60	2688	44:48	13.00	0.217	10.400
1594.60	2689	44:49	13.00	0.217	10.617
1595.60	2690	44:50	13.00	0.217	10.833
1596.60	2691	44:51	13.00	0.217	11.050
1597.60	2692	44:52	13.00	0.217	11.267
1598.60	2693	44:53	13.00	0.217	11.483
1599.60	2694	44:54	13.00	0.217	11.700
1600.60	2695	44:55	13.00	0.217	11.917
1601.60	2696	44:56	13.00	0.217	12.133
1602.60	2697	44:57	13.00	0.217	12.350
1603.60	2698	44:58	13.00	0.217	12.567
1604.60	2699	44:59	13.00	0.217	12.783
1605.60	2700	45:00	13.00	0.217	13.000
1606.60	2701	45:01	53.00	0.883	0.883
1607.60	2702	45:02	53.00	0.883	1.767
1608.60	2703	45:03	53.00	0.883	2.650
1609.60	2704	45:04	53.00	0.883	3.533
1610.60	2705	45:05	53.00	0.883	4.417
1611.60	2706	45:06	53.00	0.883	5.300
1612.60	2707	45:07	53.00	0.883	6.183
1613.60	2708	45:08	53.00	0.883	7.067
1614.60	2709	45:09	53.00	0.883	7.950
1615.60	2710	45:10	53.00	0.883	8.833
1616.60	2711	45:11	53.00	0.883	9.717
1617.60	2712	45:12	53.00	0.883	10.600
1618.60	2713	45:13	53.00	0.883	11.483
1619.60	2714	45:14	53.00	0.883	12.367
1620.60	2715	45:15	53.00	0.883	13.250
1621.60	2716	45:16	53.00	0.883	14.133
1622.60	2717	45:17	53.00	0.883	15.017
1623.60	2718	45:18	53.00	0.883	15.900
1624.60	2719	45:19	53.00	0.883	16.783
1625.60	2720	45:20	53.00	0.883	17.667
1626.60	2721	45:21	53.00	0.883	18.550
1627.60	2722	45:22	53.00	0.883	19.433
1628.60	2723	45:23	53.00	0.883	20.317
1629.60	2724	45:24	53.00	0.883	21.200
1630.60	2725	45:25	53.00	0.883	22.083
1631.60	2726	45:26	53.00	0.883	22.967
1632.60	2727	45:27	53.00	0.883	23.850
1633.60	2728	45:28	53.00	0.883	24.733
1634.60	2729	45:29	53.00	0.883	25.617
1635.60	2730	45:30	53.00	0.883	26.500
1636.60	2731	45:31	53.00	0.883	27.383
1637.60	2732	45:32	53.00	0.883	28.267
1638.60	2733	45:33	53.00	0.883	29.150
1639.60	2734	45:34	53.00	0.883	30.033
1640.60	2735	45:35	53.00	0.883	30.917
1641.60	2736	45:36	53.00	0.883	31.800
1642.60	2737	45:37	53.00	0.883	32.683
1643.60	2738	45:38	53.00	0.883	33.567
1644.60	2739	45:39	53.00	0.883	34.450
1645.60	2740	45:40	53.00	0.883	35.333
1646.60	2741	45:41	53.00	0.883	36.217
1647.60	2742	45:42	53.00	0.883	37.100
1648.60	2743	45:43	53.00	0.883	37.983
1649.60	2744	45:44	53.00	0.883	38.867
1650.60	2745	45:45	53.00	0.883	39.750
1651.60	2746	45:46	53.00	0.883	40.633
1652.60	2747	45:47	53.00	0.883	41.517
1653.60	2748	45:48	53.00	0.883	42.400
1654.60	2749	45:49	53.00	0.883	43.283
1655.60	2750	45:50	53.00	0.883	44.167
1656.60	2751	45:51	53.00	0.883	45.050
1657.60	2752	45:52	53.00	0.883	45.933
1658.60	2753	45:53	53.00	0.883	46.817
1659.60	2754	45:54	53.00	0.883	47.700
1660.60	2755	45:55	53.00	0.883	48.583
1661.60	2756	45:56	53.00	0.883	49.467
1662.60	2757	45:57	53.00	0.883	50.350
1663.60	2758	45:58	53.00	0.883	51.233
1664.60	2759	45:59	53.00	0.883	52.117
1665.60	2760	46:00	53.00	0.883	53.000
1666.60	2761	46:01	38.00	0.633	0.633
1667.60	2762	46:02	38.00	0.633	1.267
1668.60	2763	46:03	38.00	0.633	1.900
1669.60	2764	46:04	38.00	0.633	2.533
1670.60	2765	46:05	38.00	0.633	3.167
1671.60	2766	46:06	38.00	0.633	3.800
1672.60	2767	46:07	38.00	0.633	4.433
1673.60	2768	46:08	38.00	0.633	5.067
1674.60	2769	46:09	38.00	0.633	5.700
1675.60	2770	46:10	38.00	0.633	6.333
1676.60	2771	46:11	38.00	0.633	6.967
1677.60	2772	46:12	38.00	0.633	7.600
1678.60	2773	46:13	38.00	0.633	8.233
1679.60	2774	46:14	38.00	0.633	8.867
1680.60	2775	46:15	38.00	0.633	9.500
1681.60	2776	46:16	38.00	0.633	10.133
1682.60	2777	46:17	38.00	0.633	10.767
1683.60	2778	46:18	38.00	0.633	11.400
1684.60	2779	46:19	38.00	0.633	12.033
1685.60	2780	46:20	38.00	0.633	12.667
1686.60	2781	46:21	38.00	0.633	13.300
1687.60	2782	46:22	38.00	0.633	13.933
1688.60	2783	46:23	38.00	0.633	14.567
1689.60	2784	46:24	38.00	0.633	15.200
1690.60	2785	46:25	38.00	0.633	15.833
1691.60	2786	46:26	38.00	0.633	16.467
1692.60	2787	46:27	38.00	0.633	17.100
1693.60	2788	46:28	38.00	0.633	17.733
1694.60	2789	46:29	38.00	0.633	18.367
1695.60	2790	46:30	38.00	0.633	19.000
1696.60	2791	46:31	38.00	0.633	19.633

1697.60	2792	46:32	38.00	0.633	20.267
1698.60	2793	46:33	38.00	0.633	20.900
1699.60	2794	46:34	38.00	0.633	21.533
1700.60	2795	46:35	38.00	0.633	22.167
1701.60	2796	46:36	38.00	0.633	22.800
1702.60	2797	46:37	38.00	0.633	23.433
1703.60	2798	46:38	38.00	0.633	24.067
1704.60	2799	46:39	38.00	0.633	24.700
1705.60	2800	46:40	38.00	0.633	25.333
1706.60	2801	46:41	38.00	0.633	25.967
1707.60	2802	46:42	38.00	0.633	26.600
1708.60	2803	46:43	38.00	0.633	27.233
1709.60	2804	46:44	38.00	0.633	27.867
1710.60	2805	46:45	38.00	0.633	28.500
1711.60	2806	46:46	38.00	0.633	29.133
1712.60	2807	46:47	38.00	0.633	29.767
1713.60	2808	46:48	38.00	0.633	30.400
1714.60	2809	46:49	38.00	0.633	31.033
1715.60	2810	46:50	38.00	0.633	31.667
1716.60	2811	46:51	38.00	0.633	32.300
1717.60	2812	46:52	38.00	0.633	32.933
1718.60	2813	46:53	38.00	0.633	33.567
1719.60	2814	46:54	38.00	0.633	34.200
1720.60	2815	46:55	38.00	0.633	34.833
1721.60	2816	46:56	38.00	0.633	35.467
1722.60	2817	46:57	38.00	0.633	36.100
1723.60	2818	46:58	38.00	0.633	36.733
1724.60	2819	46:59	38.00	0.633	37.367
1725.60	2820	47:00	38.00	0.633	38.000
1726.60	2821	47:01	13.00	0.217	0.217
1727.60	2822	47:02	13.00	0.217	0.433
1728.60	2823	47:03	13.00	0.217	0.650
1729.60	2824	47:04	13.00	0.217	0.867
1730.60	2825	47:05	13.00	0.217	1.083
1731.60	2826	47:06	13.00	0.217	1.300
1732.60	2827	47:07	13.00	0.217	1.517
1733.60	2828	47:08	13.00	0.217	1.733
1734.60	2829	47:09	13.00	0.217	1.950
1735.60	2830	47:10	13.00	0.217	2.167
1736.60	2831	47:11	13.00	0.217	2.383
1737.60	2832	47:12	13.00	0.217	2.600
1738.60	2833	47:13	13.00	0.217	2.817
1739.60	2834	47:14	13.00	0.217	3.033
1740.60	2835	47:15	13.00	0.217	3.250
1741.60	2836	47:16	13.00	0.217	3.467
1742.60	2837	47:17	13.00	0.217	3.683
1743.60	2838	47:18	13.00	0.217	3.900
1744.60	2839	47:19	13.00	0.217	4.117
1745.60	2840	47:20	13.00	0.217	4.333
1746.60	2841	47:21	13.00	0.217	4.550
1747.60	2842	47:22	13.00	0.217	4.767
1748.60	2843	47:23	13.00	0.217	4.983
1749.60	2844	47:24	13.00	0.217	5.200
1750.60	2845	47:25	13.00	0.217	5.417
1751.60	2846	47:26	13.00	0.217	5.633
1752.60	2847	47:27	13.00	0.217	5.850
1753.60	2848	47:28	13.00	0.217	6.067
1754.60	2849	47:29	13.00	0.217	6.283
1755.60	2850	47:30	13.00	0.217	6.500
1756.60	2851	47:31	13.00	0.217	6.717
1757.60	2852	47:32	13.00	0.217	6.933
1758.60	2853	47:33	13.00	0.217	7.150
1759.60	2854	47:34	13.00	0.217	7.367
1760.60	2855	47:35	13.00	0.217	7.583
1761.60	2856	47:36	13.00	0.217	7.800
1762.60	2857	47:37	13.00	0.217	8.017
1763.60	2858	47:38	13.00	0.217	8.233
1764.60	2859	47:39	13.00	0.217	8.450
1765.60	2860	47:40	13.00	0.217	8.667
1766.60	2861	47:41	13.00	0.217	8.883
1767.60	2862	47:42	13.00	0.217	9.100
1768.60	2863	47:43	13.00	0.217	9.317
1769.60	2864	47:44	13.00	0.217	9.533
1770.60	2865	47:45	13.00	0.217	9.750
1771.60	2866	47:46	13.00	0.217	9.967
1772.60	2867	47:47	13.00	0.217	10.183
1773.60	2868	47:48	13.00	0.217	10.400
1774.60	2869	47:49	13.00	0.217	10.617
1775.60	2870	47:50	13.00	0.217	10.833
1776.60	2871	47:51	13.00	0.217	11.050
1777.60	2872	47:52	13.00	0.217	11.267
1778.60	2873	47:53	13.00	0.217	11.483
1779.60	2874	47:54	13.00	0.217	11.700
1780.60	2875	47:55	13.00	0.217	11.917
1781.60	2876	47:56	13.00	0.217	12.133
1782.60	2877	47:57	13.00	0.217	12.350
1783.60	2878	47:58	13.00	0.217	12.567
1784.60	2879	47:59	13.00	0.217	12.783
1785.60	2880	48:00	13.00	0.217	13.000

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LONDON LOCATION
1599 Adelaide St. N., Unit 301
London, ON N5X 4E8
P: 519-471-6667

KITCHENER LOCATION
132 Queen St. S. Unit 4
Kitchener, ON N2G 1Y9
P: 519-725-8093

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SWM Calculations:

DATE: April 17, 2025
JOB NO.: SBM-23-2603

Client: 1000525725 Ontario Inc.
Project: Proposed Industrial Subdivision
Location: 1665 Scotch Line Road, Elmira, ON.

ELMIRA - 3HRS CHICAGO RAINFALL DISTRIBUTION PARAMETERS

Return Period (years)	A,B,C Parameters		
	A	B	C
2	408.000	0.080	0.701
5	539.200	0.090	0.701
10	625.400	0.080	0.701
25	730.800	0.070	0.700
50	807.300	0.030	0.700
100	884.400	0.010	0.699

Intensity i=A/(t+B)^C (mm/hr)

PRE-DEVELOPMENT CONDITIONS

PRE-DEVELOPMENT EXTERNAL CATCHMENT (EXT01):

	Area (m^2)	C	A*C
Total Area:	2,053.22		
Asphalt:	2,053.22	0.9	1847.8953
Totals:	2,053.22		1847.90
C_{AS} = Sum(A*C)/Sum(A) =	0.90		
Path (L) =	15.00	m	
Avg Slope (S)=	2.00	%	

PRE-DEVELOPMENT EXTERNAL CATCHMENT (EXT02):

	Area (m^2)	C	A*C
Total Area:	1,766.81		
Asphalt:	1,766.81	0.9	1590.1299
Totals:	1,766.81		1590.13
C_{AS} = Sum(A*C)/Sum(A) =	0.90		
Path (L) =	15.00	m	
Avg Slope (S)=	2.00	%	

PRE-DEVELOPMENT SUBCATCHMENT PARAMETERS (2-YEAR and 100-YEAR):

Catchment	Area (m^2)	Area (ha)	C-Value	Flow Length (m)	Width (m)	Slope (%)	*Imperviousness (%)	**N-Imperv	**N-Perv	***Dstore-Imperv (mm)	***Dstore-Perv (mm)	****SCS Number
A101	223,890.00	22.39	0.31	368.04	608.33	2.44	1.54	0.011	0.15	1.905	3.81	84
A102	325,390.00	32.54	0.31	516.74	629.70	1.07	1.54	0.011	0.15	1.905	3.81	84
EXT01	2,053.22	0.21	0.90	15.00	136.88	2.00	92.31	0.011	0.15	1.905	3.81	84
EXT02	1,766.81	0.18	0.90	15.00	117.79	2.00	92.31	0.011	0.15	1.905	3.81	84

*Sample calculation to convert C-value to % Imperviousness
**Values from Storm Water Management User's Manual Version 5.1 Table A.6 (Manning's N - Overland Flow)
***Values from Storm Water Management User's Manual Version 5.1 Table A.5 (Depression Storage)
****Values from Storm Water Management User's Manual Version 5.1 Table A.4 (SCS Curve Number)

% imperviousness = x
C = x(0.95) + (1-x)0.3
x = (C-0.3)/0.65

POST-DEVELOPMENT CONDITIONS

POST-DEVELOPMENT SUBCATCHMENT PARAMETERS:

Catchment	Area (m^2)	Area (ha)	C-Value	Flow Length (m)	Width (m)	Slope (%)	*Imperviousness (%)	**N-Imperv	**N-Perv	***Dstore-Imperv (mm)	***Dstore-Perv (mm)	****SCS Number
A201a	61,100.00	6.11	0.95	154.20	396.24	0.50	100.00	0.011	0.15	1.905	3.81	80
A201b	26,200.00	2.62	0.95	100.00	262.00	0.50	100.00	0.011	0.15	1.905	3.81	80
A202a	30,600.00	3.06	0.95	125.15	244.51	0.50	100.00	0.011	0.15	1.905	3.81	80
A202b	13,100.00	1.31	0.95	100.00	131.00	0.50	100.00	0.011	0.15	1.905	3.81	80
A203a	17,500.00	1.75	0.95	122.05	143.38	0.50	100.00	0.011	0.15	1.905	3.81	80
A203b	7,500.00	0.75	0.95	50.00	150.00	0.50	100.00	0.011	0.15	1.905	3.81	80
A204a	18,700.00	1.87	0.95	104.16	179.53	0.50	100.00	0.011	0.15	1.905	3.81	80
A204b	8,000.00	0.8	0.95	100.00	80.00	0.50	100.00	0.011	0.15	1.905	3.81	80
A205a	18,700.00	1.87	0.95	104.30	179.29	0.50	100.00	0.011	0.15	1.905	3.81	80
A205b	8,000.00	0.8	0.95	100.00	80.00	0.50	100.00	0.011	0.15	1.905	3.81	80
A206a	17,600.00	1.76	0.95	102.11	172.36	0.50	100.00	0.011	0.15	1.905	3.81	80
A206b	7,500.00	0.75	0.95	100.00	75.00	0.50	100.00	0.011	0.15	1.905	3.81	80
A207a	17,430.00	1.743	0.95	119.74	145.57	0.50	100.00	0.011	0.15	1.905	3.81	80
A207b	7,470.00	0.747	0.95	50.00	149.40	0.50	100.00	0.011	0.15	1.905	3.81	80
A208a	16,740.00	1.674	0.95	91.87	182.21	0.50	100.00	0.011	0.15	1.905	3.81	80
A208b	6,930.00	0.693	0.95	100.00	69.30	0.50	100.00	0.011	0.15	1.905	3.81	80
A209a	18,200.00	1.82	0.95	74.00	245.95	0.50	100.00	0.011	0.15	1.905	3.81	80
A209b	7,800.00	0.78	0.95	100.00	78.00	0.50	100.00	0.011	0.15	1.905	3.81	80
A210a	23,545.21	2.35	0.95	177.66	132.53	0.50	100.00	0.011	0.15	1.905	3.81	80
A210b	10,090.80	1.01	0.95	100.00	100.91	0.50	100.00	0.011	0.15	1.905	3.81	80
A211 : SWM Pond	15,072.40	1.51	0.95	30.00	502.41	0.50	100.00	0.011	0.15	1.905	3.81	80
A212a	22,200.00	2.22	0.95	64.66	343.33	0.50	100.00	0.011	0.15	1.905	3.81	80
A212b	9,500.00	0.95	0.95	100.00	95.00	0.50	100.00	0.011	0.15	1.905	3.81	80
A213a	9,515.39	0.95	0.95	100.00	95.15	0.50	100.00	0.011	0.15	1.905	3.81	80
A213b	4,078.02	0.41	0.95	30.00	135.93	0.50	100.00	0.011	0.15	1.905	3.81	80
A301	2,100.00	0.21	0.7	30.00	70.00	0.70	61.54	0.011	0.15	1.905	3.81	80
A302	2,100.00	0.21	0.7	30.00	70.00	0.70	61.54	0.011	0.15	1.905	3.81	80
A303	1,200.00	0.12	0.7	30.00	40.00	0.70	61.54	0.011	0.15	1.905	3.81	80
A304	700.00	0.07	0.7	30.00	23.33	0.70	61.54	0.011	0.15	1.905	3.81	80
A305	2,700.00	0.27	0.7	30.00	90.00	0.70	61.54	0.011	0.15	1.905	3.81	80
A306	3,200.00	0.32	0.7	30.00	106.67	0.70	61.54	0.011	0.15	1.905	3.81	80
A307	2,700.00	0.27	0.7	30.00	90.00	0.70	61.54	0.011	0.15	1.905	3.81	80
A308	3,200.00	0.32	0.7	30.00	106.67	0.70	61.54	0.011	0.15	1.905	3.81	80
A309	1,100.00	0.11	0.7	30.00	36.67	0.70	61.54	0.011	0.15	1.905	3.81	80
A310	1,000.00	0.1	0.7	30.00	33.33	0.70	61.54	0.011	0.15	1.905	3.81	80
A311	6,200.00	0.62	0.7	30.00	206.67	0.70	61.54	0.011	0.15	1.905	3.81	80
A312	3,100.00	0.31	0.7	30.00	103.33	0.70	61.54	0.011	0.15	1.905	3.81	80
A313	1,900.00	0.19	0.7	30.00	63.33	0.70	61.54	0.011	0.15	1.905	3.81	80
A314	1,700.00	0.17	0.7	30.00	56.67	0.70	61.54	0.011	0.15	1.905	3.81	80
A315	2,100.00	0.21	0.7	30.00	70.00	0.70	61.54	0.011	0.15	1.905	3.81	80
A316	1,000.00	0.1	0.7	30.00	33.33	0.70	61.54	0.011	0.15	1.905	3.81	80
A317	1,000.00	0.1	0.7	30.00	33.33	0.70	61.54	0.011	0.15	1.905	3.81	80
A318	2,500.00	0.25	0.7	30.00	83.33	0.70	61.54	0.011	0.15	1.905	3.81	80
A319	3,100.00	0.31	0.7	30.00	103.33	0.70	61.54	0.011	0.15	1.905	3.81	80
A320	3,100.00	0.31	0.7	30.00	103.33	0.70	61.54	0.011	0.15	1.905	3.81	80
A321	3,100.00	0.31	0.7	30.00	103.33	0.70	61.54	0.011	0.15	1.905	3.81	80
A322	3,200.00	0.32	0.7	30.00	106.67	0.70	61.54	0.011	0.15	1.905	3.81	80
A323	2,700.00	0.27	0.7	30.00	90.00	0.70	61.54	0.011	0.15	1.905	3.81	80
A324	2,400.00	0.24	0.7	100.00	24.00	0.50	61.54	0.011	0.15	1.905	3.81	80
A325	3,300.00	0.33	0.7	30.00	110.00	0.70	61.54	0.011	0.15	1.905	3.81	80
A326	2,900.00	0.29	0.7	30.00	96.67	0.70	61.54	0.011	0.15	1.905	3.81	80
EX01	2,053.22	0.21	0.90	15.00	136.88	2.00	92.31	0.011	0.15	1.905	3.81	80
EX02	1,766.81	0.18	0.90	15.00	117.79	2.00	92.31	0.011	0.15	1.905	3.81	80
U201	69,400.00	6.94	0.30	30.00	2313.33	2.43	0.00	0.011	0.15	1.905	3.81	80
U202	14,000.00	1.40	0.30	15.00	933.33	27.00	0.00	0.011	0.15	1.905	3.81	80

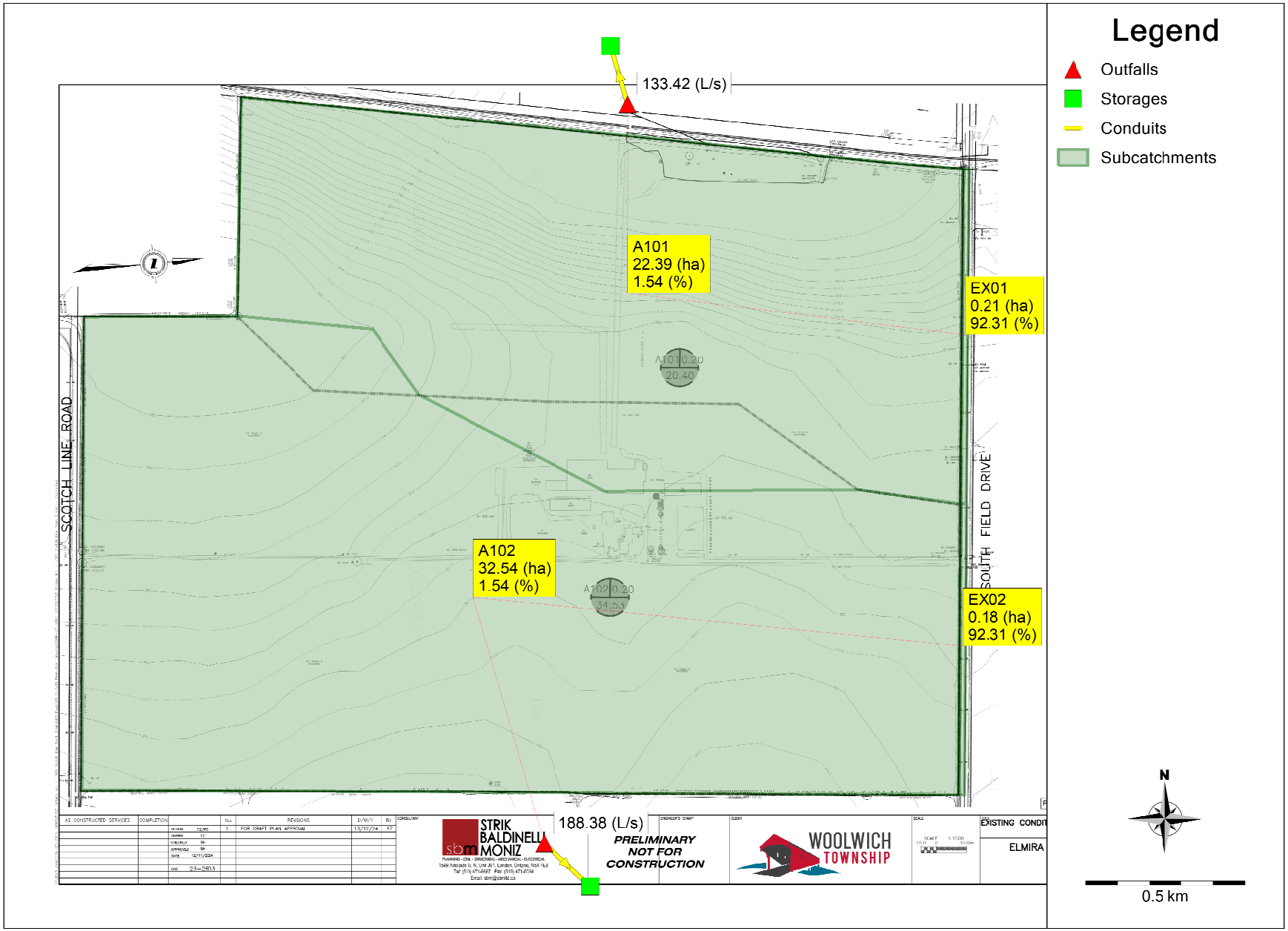
*Sample calculation to convert C-value to % Imperviousness
**Values from Storm Water Management User's Manual Version 5.1 Table A.6 (Manning's N - Overland Flow)
***Values from Storm Water Management User's Manual Version 5.1 Table A.5 (Depression Storage)
****Values from Storm Water Management User's Manual Version 5.1 Table A.4 (SCS Curve Number)

% imperviousness = x
C = x(0.95) + (1-x)0.3
x = (C-0.3)/0.65

APPENDIX C

Pre-Development Modelling Layout
Pre-Development Modelling Output Results

PRE-DEVELOPMENT LAYOUT



EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)

WARNING 01: wet weather time step reduced to recording interval for Rain Gage Industrial_Subdivision

****
Element Count
****
Number of rain gages 1
Number of subcatchments ... 4
Number of nodes 4
Number of links 2
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
Industrial_Subdivision	2Year	INTENSITY	1 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
A101	22.39	608.36	1.54	2.4400	Industrial_Subdivision	OF1
A102	32.54	629.72	1.54	1.0700	Industrial_Subdivision	OF2
EX01	0.21	140.00	92.31	2.0000	Industrial_Subdivision	A101
EX02	0.18	120.00	92.31	2.0000	Industrial_Subdivision	A102

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
OF1	OUTFALL	345.00	1.00	0.0	
OF2	OUTFALL	350.00	1.00	0.0	
SU1	STORAGE	0.00	5.00	0.0	
SU2	STORAGE	0.00	5.00	0.0	

****
Link Summary
****

Name	From Node	To Node	Type	Length	%Slope	Roughness
C1	OF1	SU1	CONDUIT	400.0	170.4353	0.0130
C2	OF2	SU2	CONDUIT	400.0	180.7392	0.0130

****
Cross Section Summary
****

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
C1	CIRCULAR	1.00	0.79	0.25	1.00	1	31302.51
C2	CIRCULAR	1.00	0.79	0.25	1.00	1	32234.84

****
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
****

****
Analysis Options
****
Flow Units ..... LPS
Process Models:
  Rainfall/Runoff ..... YES
  RDII ..... NO
  Snowmelt ..... NO
  Groundwater ..... NO
  Flow Routing ..... YES
  Ponding Allowed ..... NO
  Water Quality ..... NO
Infiltration Method ..... CURVE_NUMBER
Flow Routing Method ..... DYNWAVE
Surcharge Method ..... EXTRAN
Starting Date 10/10/2024 00:00:00
Ending Date 10/12/2024 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:01:00
Dry Time Step 00:05:00
Routing Time Step ..... 5.00 sec
Variable Time Step ..... YES
Maximum Trials 8
Number of Threads 1
Head Tolerance ..... 0.001500 m

********** Runoff Quantity Continuity	Volume hectare-m	Depth mm
Total Precipitation	1.572	28.415
Evaporation Loss	0.000	0.000

Infiltration Loss	1.340	24.223
Surface Runoff	0.162	2.930
Final Storage	0.070	1.263
Continuity Error (%)	-0.004	

Flow Routing Continuity	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	0.162	1.621
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	0.162	1.621
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.000	0.000
Continuity Error (%)	0.000	

Time-Step Critical Elements

None

Highest Flow Instability Indexes

All links are stable.

Routing Time Step Summary

Minimum Time Step	:	4.50 sec
Average Time Step	:	5.00 sec
Maximum Time Step	:	5.00 sec
Percent in Steady State	:	0.00
Average Iterations per Step	:	2.00
Percent Not Converging	:	0.00
Time Step Frequencies	:	
5.000 - 3.155 sec	:	100.00 %
3.155 - 1.991 sec	:	0.00 %
1.991 - 1.256 sec	:	0.00 %
1.256 - 0.792 sec	:	0.00 %
0.792 - 0.500 sec	:	0.00 %

Subcatchment Runoff Summary

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff LPS	Runoff Coeff
A101	28.41	0.24	0.00	23.78	0.42	3.19	3.61	0.81	133.42	0.126
A102	28.41	0.14	0.00	24.80	0.42	2.08	2.50	0.81	188.38	0.088
EX01	28.41	0.00	0.00	1.58	24.96	0.51	25.47	0.05	71.27	0.896
EX02	28.41	0.00	0.00	1.58	24.96	0.51	25.47	0.05	61.09	0.896

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
OF1	OUTFALL	0.00	0.00	345.00	0 00:00	0.00
OF2	OUTFALL	0.00	0.00	350.00	0 00:00	0.00
SU1	STORAGE	0.00	0.00	0.00	0 00:00	0.00
SU2	STORAGE	0.00	0.00	0.00	0 00:00	0.00

Node Inflow Summary

Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent	
OF1	OUTFALL	133.42	133.42	0 01:10	0.807	0.807	0.000	
OF2	OUTFALL	188.38	188.38	0 01:10	0.814	0.814	0.000	
SU1	STORAGE	0.00	0.00	0 00:00	0	0	0.000	ltr
SU2	STORAGE	0.00	0.00	0 00:00	0	0	0.000	ltr

Node Surcharge Summary

No nodes were surcharged.

Node Flooding Summary

No nodes were flooded.

****
Storage Volume Summary
****

Storage Unit	Average Volume 1000 m3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow LPS
SU1	0.000	0	0	0	0.000	0	0 00:00	0.00
SU2	0.000	0	0	0	0.000	0	0 00:00	0.00

****
Outfall Loading Summary
****

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
OF1	12.26	38.11	133.42	0.807
OF2	13.91	33.86	188.38	0.814
System	13.08	71.98	321.80	1.621

****
Link Flow Summary
****

Link	Type	Maximum |Flow| LPS	Time of Max Occurrence days hr:min	Maximum |Veloc| m/sec	Max/ Full Flow	Max/ Full Depth
C1	CONDUIT	0.00	0 00:00	0.00	0.00	0.00
C2	CONDUIT	0.00	0 00:00	0.00	0.00	0.00

****
Flow Classification Summary
****

Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

****
Conduit Surcharge Summary
****

No conduits were surcharged.

Analysis begun on: Wed Apr 16 16:58:09 2025
Analysis ended on: Wed Apr 16 16:58:09 2025
Total elapsed time: < 1 sec

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)

WARNING 01: wet weather time step reduced to recording interval for Rain Gage Industrial_Subdivision

****
Element Count
****
Number of rain gages 1
Number of subcatchments ... 4
Number of nodes 4
Number of links 2
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
Industrial_Subdivision	5Year	INTENSITY	1 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
A101	22.39	608.36	1.54	2.4400	Industrial_Subdivision	OF1
A102	32.54	629.72	1.54	1.0700	Industrial_Subdivision	OF2
EX01	0.21	140.00	92.31	2.0000	Industrial_Subdivision	A101
EX02	0.18	120.00	92.31	2.0000	Industrial_Subdivision	A102

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
OF1	OUTFALL	345.00	1.00	0.0	
OF2	OUTFALL	350.00	1.00	0.0	
SU1	STORAGE	0.00	5.00	0.0	
SU2	STORAGE	0.00	5.00	0.0	

****
Link Summary
****

Name	From Node	To Node	Type	Length	%Slope	Roughness
C1	OF1	SU1	CONDUIT	400.0	170.4353	0.0130
C2	OF2	SU2	CONDUIT	400.0	180.7392	0.0130

****
Cross Section Summary
****

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
C1	CIRCULAR	1.00	0.79	0.25	1.00	1	31302.51
C2	CIRCULAR	1.00	0.79	0.25	1.00	1	32234.84

****
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
****

****
Analysis Options
****
Flow Units ..... LPS
Process Models:
  Rainfall/Runoff ..... YES
  RDII ..... NO
  Snowmelt ..... NO
  Groundwater ..... NO
  Flow Routing ..... YES
  Ponding Allowed ..... NO
  Water Quality ..... NO
Infiltration Method ..... CURVE_NUMBER
Flow Routing Method ..... DYNWAVE
Surcharge Method ..... EXTRAN
Starting Date 10/10/2024 00:00:00
Ending Date 10/12/2024 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:01:00
Dry Time Step 00:05:00
Routing Time Step ..... 5.00 sec
Variable Time Step ..... YES
Maximum Trials 8
Number of Threads 1
Head Tolerance ..... 0.001500 m

********** Runoff Quantity Continuity	Volume hectare-m	Depth mm
Total Precipitation	2.083	37.646
Evaporation Loss	0.000	0.000

Infiltration Loss	1.604	28.988
Surface Runoff	0.409	7.391
Final Storage	0.070	1.269
Continuity Error (%)	-0.005	

Flow Routing Continuity	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	0.409	4.088
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	0.409	4.088
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.000	0.000
Continuity Error (%)	0.000	

Time-Step Critical Elements

None

Highest Flow Instability Indexes

All links are stable.

Routing Time Step Summary

Minimum Time Step	:	4.50 sec
Average Time Step	:	5.00 sec
Maximum Time Step	:	5.00 sec
Percent in Steady State	:	0.00
Average Iterations per Step	:	2.00
Percent Not Converging	:	0.00
Time Step Frequencies	:	
5.000 - 3.155 sec	:	100.00 %
3.155 - 1.991 sec	:	0.00 %
1.991 - 1.256 sec	:	0.00 %
1.256 - 0.792 sec	:	0.00 %
0.792 - 0.500 sec	:	0.00 %

Subcatchment Runoff Summary

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff LPS	Runoff Coeff
A101	37.65	0.32	0.00	28.07	0.56	8.06	8.63	1.93	209.50	0.227
A102	37.65	0.19	0.00	29.94	0.56	6.07	6.63	2.16	258.68	0.175
EX01	37.65	0.00	0.00	1.84	33.50	0.97	34.47	0.07	97.64	0.916
EX02	37.65	0.00	0.00	1.84	33.50	0.97	34.47	0.06	83.69	0.916

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
OF1	OUTFALL	0.00	0.00	345.00	0 00:00	0.00
OF2	OUTFALL	0.00	0.00	350.00	0 00:00	0.00
SU1	STORAGE	0.00	0.00	0.00	0 00:00	0.00
SU2	STORAGE	0.00	0.00	0.00	0 00:00	0.00

Node Inflow Summary

Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent	
OF1	OUTFALL	209.50	209.50	0 02:37	1.93	1.93	0.000	
OF2	OUTFALL	258.68	258.68	0 01:10	2.16	2.16	0.000	
SU1	STORAGE	0.00	0.00	0 00:00	0	0	0.000	ltr
SU2	STORAGE	0.00	0.00	0 00:00	0	0	0.000	ltr

Node Surcharge Summary

No nodes were surcharged.

Node Flooding Summary

No nodes were flooded.

****
Storage Volume Summary
****

Storage Unit	Average Volume 1000 m3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow LPS
SU1	0.000	0	0	0	0.000	0	0 00:00	0.00
SU2	0.000	0	0	0	0.000	0	0 00:00	0.00

****
Outfall Loading Summary
****

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
OF1	13.65	81.85	209.50	1.931
OF2	16.59	75.27	258.68	2.157
System	15.12	157.12	444.23	4.088

****
Link Flow Summary
****

Link	Type	Maximum |Flow| LPS	Time of Max Occurrence days hr:min	Maximum |Veloc| m/sec	Max/ Full Flow	Max/ Full Depth
C1	CONDUIT	0.00	0 00:00	0.00	0.00	0.00
C2	CONDUIT	0.00	0 00:00	0.00	0.00	0.00

****
Flow Classification Summary
****

Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

****
Conduit Surcharge Summary
****

No conduits were surcharged.

Analysis begun on: Wed Apr 16 16:58:52 2025
Analysis ended on: Wed Apr 16 16:58:52 2025
Total elapsed time: < 1 sec

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)

WARNING 01: wet weather time step reduced to recording interval for Rain Gage Industrial_Subdivision

****
Element Count
****
Number of rain gages 1
Number of subcatchments ... 4
Number of nodes 4
Number of links 2
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
Industrial_Subdivision	10Year	INTENSITY	1 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
A101	22.39	608.36	1.54	2.4400	Industrial_Subdivision	OF1
A102	32.54	629.72	1.54	1.0700	Industrial_Subdivision	OF2
EX01	0.21	140.00	92.31	2.0000	Industrial_Subdivision	A101
EX02	0.18	120.00	92.31	2.0000	Industrial_Subdivision	A102

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
OF1	OUTFALL	345.00	1.00	0.0	
OF2	OUTFALL	350.00	1.00	0.0	
SU1	STORAGE	0.00	5.00	0.0	
SU2	STORAGE	0.00	5.00	0.0	

****
Link Summary
****

Name	From Node	To Node	Type	Length	%Slope	Roughness
C1	OF1	SU1	CONDUIT	400.0	170.4353	0.0130
C2	OF2	SU2	CONDUIT	400.0	180.7392	0.0130

****
Cross Section Summary
****

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
C1	CIRCULAR	1.00	0.79	0.25	1.00	1	31302.51
C2	CIRCULAR	1.00	0.79	0.25	1.00	1	32234.84

****
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
****

****
Analysis Options
****
Flow Units ..... LPS
Process Models:
  Rainfall/Runoff ..... YES
  RDII ..... NO
  Snowmelt ..... NO
  Groundwater ..... NO
  Flow Routing ..... YES
  Ponding Allowed ..... NO
  Water Quality ..... NO
Infiltration Method ..... CURVE_NUMBER
Flow Routing Method ..... DYNWAVE
Surcharge Method ..... EXTRAN
Starting Date 10/10/2024 00:00:00
Ending Date 10/12/2024 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:01:00
Dry Time Step 00:05:00
Routing Time Step ..... 5.00 sec
Variable Time Step ..... YES
Maximum Trials 8
Number of Threads 1
Head Tolerance ..... 0.001500 m

********** Runoff Quantity Continuity	Volume hectare-m	Depth mm
Total Precipitation	2.409	43.554
Evaporation Loss	0.000	0.000

Infiltration Loss	1.737	31.391
Surface Runoff	0.604	10.910
Final Storage	0.069	1.256
Continuity Error (%)	-0.006	

Flow Routing Continuity	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	0.604	6.036
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	0.604	6.036
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.000	0.000
Continuity Error (%)	0.000	

Time-Step Critical Elements

None

Highest Flow Instability Indexes

All links are stable.

Routing Time Step Summary

Minimum Time Step	:	4.50 sec
Average Time Step	:	5.00 sec
Maximum Time Step	:	5.00 sec
Percent in Steady State	:	0.00
Average Iterations per Step	:	2.00
Percent Not Converging	:	0.00
Time Step Frequencies	:	
5.000 - 3.155 sec	:	100.00 %
3.155 - 1.991 sec	:	0.00 %
1.991 - 1.256 sec	:	0.00 %
1.256 - 0.792 sec	:	0.00 %
0.792 - 0.500 sec	:	0.00 %

Subcatchment Runoff Summary

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff LPS	Runoff Coeff
A101	43.55	0.38	0.00	30.25	0.66	11.77	12.43	2.78	299.87	0.283
A102	43.55	0.22	0.00	32.53	0.65	9.34	10.00	3.25	311.18	0.228
EX01	43.55	0.00	0.00	1.97	38.97	1.29	40.26	0.08	114.50	0.924
EX02	43.55	0.00	0.00	1.97	38.97	1.29	40.26	0.07	98.14	0.924

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
OF1	OUTFALL	0.00	0.00	345.00	0 00:00	0.00
OF2	OUTFALL	0.00	0.00	350.00	0 00:00	0.00
SU1	STORAGE	0.00	0.00	0.00	0 00:00	0.00
SU2	STORAGE	0.00	0.00	0.00	0 00:00	0.00

Node Inflow Summary

Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent	
OF1	OUTFALL	299.87	299.87	0 02:18	2.78	2.78	0.000	
OF2	OUTFALL	311.18	311.18	0 01:10	3.25	3.25	0.000	
SU1	STORAGE	0.00	0.00	0 00:00	0	0	0.000	ltr
SU2	STORAGE	0.00	0.00	0 00:00	0	0	0.000	ltr

Node Surcharge Summary

No nodes were surcharged.

Node Flooding Summary

No nodes were flooded.

****
Storage Volume Summary
****

Storage Unit	Average Volume 1000 m3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow LPS
SU1	0.000	0	0	0	0.000	0	0 00:00	0.00
SU2	0.000	0	0	0	0.000	0	0 00:00	0.00

****
Outfall Loading Summary
****

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
OF1	14.22	113.24	299.87	2.782
OF2	17.74	106.12	311.18	3.253
System	15.98	219.37	584.25	6.036

****
Link Flow Summary
****

Link	Type	Maximum |Flow| LPS	Time of Max Occurrence days hr:min	Maximum |Veloc| m/sec	Max/ Full Flow	Max/ Full Depth
C1	CONDUIT	0.00	0 00:00	0.00	0.00	0.00
C2	CONDUIT	0.00	0 00:00	0.00	0.00	0.00

****
Flow Classification Summary
****

Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

****
Conduit Surcharge Summary
****

No conduits were surcharged.

Analysis begun on: Wed Apr 16 16:59:32 2025
Analysis ended on: Wed Apr 16 16:59:32 2025
Total elapsed time: < 1 sec

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)

WARNING 01: wet weather time step reduced to recording interval for Rain Gage Industrial_Subdivision

****
Element Count
****
Number of rain gages 1
Number of subcatchments ... 4
Number of nodes 4
Number of links 2
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
Industrial_Subdivision	25Year	INTENSITY	1 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
A101	22.39	608.36	1.54	2.4400	Industrial_Subdivision	OF1
A102	32.54	629.72	1.54	1.0700	Industrial_Subdivision	OF2
EX01	0.21	140.00	92.31	2.0000	Industrial_Subdivision	A101
EX02	0.18	120.00	92.31	2.0000	Industrial_Subdivision	A102

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
OF1	OUTFALL	345.00	1.00	0.0	
OF2	OUTFALL	350.00	1.00	0.0	
SU1	STORAGE	0.00	5.00	0.0	
SU2	STORAGE	0.00	5.00	0.0	

****
Link Summary
****

Name	From Node	To Node	Type	Length	%Slope	Roughness
C1	OF1	SU1	CONDUIT	400.0	170.4353	0.0130
C2	OF2	SU2	CONDUIT	400.0	180.7392	0.0130

****
Cross Section Summary
****

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
C1	CIRCULAR	1.00	0.79	0.25	1.00	1	31302.51
C2	CIRCULAR	1.00	0.79	0.25	1.00	1	32234.84

****
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
****

****
Analysis Options
****
Flow Units ..... LPS
Process Models:
  Rainfall/Runoff ..... YES
  RDII ..... NO
  Snowmelt ..... NO
  Groundwater ..... NO
  Flow Routing ..... YES
  Ponding Allowed ..... NO
  Water Quality ..... NO
Infiltration Method ..... CURVE_NUMBER
Flow Routing Method ..... DYNWAVE
Surcharge Method ..... EXTRAN
Starting Date 10/10/2024 00:00:00
Ending Date 10/12/2024 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:01:00
Dry Time Step 00:05:00
Routing Time Step ..... 5.00 sec
Variable Time Step ..... YES
Maximum Trials 8
Number of Threads 1
Head Tolerance ..... 0.001500 m

********** Runoff Quantity Continuity	Volume hectare-m	Depth mm
Total Precipitation	2.825	51.073
Evaporation Loss	0.000	0.000

Infiltration Loss	1.875	33.890
Surface Runoff	0.881	15.920
Final Storage	0.070	1.266
Continuity Error (%)	-0.006	

Flow Routing Continuity	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	0.881	8.807
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	0.881	8.807
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.000	0.000
Continuity Error (%)	0.000	

Time-Step Critical Elements

None

Highest Flow Instability Indexes

All links are stable.

Routing Time Step Summary

Minimum Time Step	:	4.50 sec
Average Time Step	:	5.00 sec
Maximum Time Step	:	5.00 sec
Percent in Steady State	:	0.00
Average Iterations per Step	:	2.00
Percent Not Converging	:	0.00
Time Step Frequencies	:	
5.000 - 3.155 sec	:	100.00 %
3.155 - 1.991 sec	:	0.00 %
1.991 - 1.256 sec	:	0.00 %
1.256 - 0.792 sec	:	0.00 %
0.792 - 0.500 sec	:	0.00 %

Subcatchment Runoff Summary

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff LPS	Runoff Coeff
A101	51.07	0.45	0.00	32.54	0.77	16.95	17.72	3.97	438.35	0.344
A102	51.07	0.26	0.00	35.20	0.77	14.10	14.87	4.84	429.12	0.290
EX01	51.07	0.00	0.00	2.12	45.92	1.72	47.64	0.10	134.94	0.933
EX02	51.07	0.00	0.00	2.12	45.92	1.72	47.64	0.09	115.66	0.933

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
OF1	OUTFALL	0.00	0.00	345.00	0 00:00	0.00
OF2	OUTFALL	0.00	0.00	350.00	0 00:00	0.00
SU1	STORAGE	0.00	0.00	0.00	0 00:00	0.00
SU2	STORAGE	0.00	0.00	0.00	0 00:00	0.00

Node Inflow Summary

Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent	
OF1	OUTFALL	438.35	438.35	0 02:02	3.97	3.97	0.000	
OF2	OUTFALL	429.12	429.12	0 02:48	4.84	4.84	0.000	
SU1	STORAGE	0.00	0.00	0 00:00	0	0	0.000	ltr
SU2	STORAGE	0.00	0.00	0 00:00	0	0	0.000	ltr

Node Surcharge Summary

No nodes were surcharged.

Node Flooding Summary

No nodes were flooded.

****
Storage Volume Summary
****

Storage Unit	Average Volume 1000 m3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow LPS
SU1	0.000	0	0	0	0.000	0	0 00:00	0.00
SU2	0.000	0	0	0	0.000	0	0 00:00	0.00

****
Outfall Loading Summary
****

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
OF1	14.77	155.43	438.35	3.968
OF2	18.87	148.35	429.12	4.839
System	16.82	303.79	846.92	8.807

****
Link Flow Summary
****

Link	Type	Maximum |Flow| LPS	Time of Max Occurrence days hr:min	Maximum |Veloc| m/sec	Max/ Full Flow	Max/ Full Depth
C1	CONDUIT	0.00	0 00:00	0.00	0.00	0.00
C2	CONDUIT	0.00	0 00:00	0.00	0.00	0.00

****
Flow Classification Summary
****

Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

****
Conduit Surcharge Summary
****

No conduits were surcharged.

Analysis begun on: Wed Apr 16 17:00:04 2025
Analysis ended on: Wed Apr 16 17:00:05 2025
Total elapsed time: 00:00:01

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)

WARNING 01: wet weather time step reduced to recording interval for Rain Gage Industrial_Subdivision

****
Element Count
****
Number of rain gages 1
Number of subcatchments ... 4
Number of nodes 4
Number of links 2
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
Industrial_Subdivision	50Year	INTENSITY	1 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
A101	22.39	608.36	1.54	2.4400	Industrial_Subdivision	OF1
A102	32.54	629.72	1.54	1.0700	Industrial_Subdivision	OF2
EX01	0.21	140.00	92.31	2.0000	Industrial_Subdivision	A101
EX02	0.18	120.00	92.31	2.0000	Industrial_Subdivision	A102

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
OF1	OUTFALL	345.00	1.00	0.0	
OF2	OUTFALL	350.00	1.00	0.0	
SU1	STORAGE	0.00	5.00	0.0	
SU2	STORAGE	0.00	5.00	0.0	

****
Link Summary
****

Name	From Node	To Node	Type	Length	%Slope	Roughness
C1	OF1	SU1	CONDUIT	400.0	170.4353	0.0130
C2	OF2	SU2	CONDUIT	400.0	180.7392	0.0130

****
Cross Section Summary
****

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
C1	CIRCULAR	1.00	0.79	0.25	1.00	1	31302.51
C2	CIRCULAR	1.00	0.79	0.25	1.00	1	32234.84

****
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
****

****
Analysis Options
****
Flow Units ..... LPS
Process Models:
  Rainfall/Runoff ..... YES
  RDII ..... NO
  Snowmelt ..... NO
  Groundwater ..... NO
  Flow Routing ..... YES
  Ponding Allowed ..... NO
  Water Quality ..... NO
Infiltration Method ..... CURVE_NUMBER
Flow Routing Method ..... DYNWAVE
Surcharge Method ..... EXTRAN
Starting Date 10/10/2024 00:00:00
Ending Date 10/12/2024 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:01:00
Dry Time Step 00:05:00
Routing Time Step ..... 5.00 sec
Variable Time Step ..... YES
Maximum Trials 8
Number of Threads 1
Head Tolerance ..... 0.001500 m

********** Runoff Quantity Continuity	Volume hectare-m	Depth mm
Total Precipitation	3.086	55.788
Evaporation Loss	0.000	0.000

Infiltration Loss	1.950
Surface Runoff	1.066
Final Storage	0.070
Continuity Error (%)	-0.006

Flow Routing Continuity	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	1.066	10.663
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	1.066	10.663
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.000	0.000
Continuity Error (%)	0.000	

Time-Step Critical Elements

None

Highest Flow Instability Indexes

All links are stable.

Routing Time Step Summary

Minimum Time Step	:	4.50 sec
Average Time Step	:	5.00 sec
Maximum Time Step	:	5.00 sec
Percent in Steady State	:	0.00
Average Iterations per Step	:	2.00
Percent Not Converging	:	0.00
Time Step Frequencies	:	
5.000 - 3.155 sec	:	100.00 %
3.155 - 1.991 sec	:	0.00 %
1.991 - 1.256 sec	:	0.00 %
1.256 - 0.792 sec	:	0.00 %
0.792 - 0.500 sec	:	0.00 %

Subcatchment Runoff Summary

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff LPS	Runoff Coeff
A101	55.79	0.49	0.00	33.80	0.85	20.38	21.23	4.75	537.33	0.377
A102	55.79	0.29	0.00	36.65	0.84	17.32	18.16	5.91	522.69	0.324
EX01	55.79	0.00	0.00	2.20	50.27	2.00	52.27	0.11	142.58	0.937
EX02	55.79	0.00	0.00	2.20	50.27	2.00	52.27	0.09	122.21	0.937

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
OF1	OUTFALL	0.00	0.00	345.00	0 00:00	0.00
OF2	OUTFALL	0.00	0.00	350.00	0 00:00	0.00
SU1	STORAGE	0.00	0.00	0.00	0 00:00	0.00
SU2	STORAGE	0.00	0.00	0.00	0 00:00	0.00

Node Inflow Summary

Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent	
OF1	OUTFALL	537.33	537.33	0 01:56	4.75	4.75	0.000	
OF2	OUTFALL	522.69	522.69	0 02:37	5.91	5.91	0.000	
SU1	STORAGE	0.00	0.00	0 00:00	0	0	0.000	ltr
SU2	STORAGE	0.00	0.00	0 00:00	0	0	0.000	ltr

Node Surcharge Summary

No nodes were surcharged.

Node Flooding Summary

No nodes were flooded.

****
Storage Volume Summary
****

Storage Unit	Average Volume 1000 m3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow LPS
SU1	0.000	0	0	0	0.000	0	0 00:00	0.00
SU2	0.000	0	0	0	0.000	0	0 00:00	0.00

****
Outfall Loading Summary
****

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
OF1	15.03	183.04	537.33	4.753
OF2	19.41	176.14	522.69	5.909
System	17.22	359.17	1035.12	10.663

****
Link Flow Summary
****

Link	Type	Maximum |Flow| LPS	Time of Max Occurrence days hr:min	Maximum |Veloc| m/sec	Max/ Full Flow	Max/ Full Depth
C1	CONDUIT	0.00	0 00:00	0.00	0.00	0.00
C2	CONDUIT	0.00	0 00:00	0.00	0.00	0.00

****
Flow Classification Summary
****

Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

****
Conduit Surcharge Summary
****

No conduits were surcharged.

Analysis begun on: Wed Apr 16 17:00:41 2025
Analysis ended on: Wed Apr 16 17:00:42 2025
Total elapsed time: 00:00:01

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)

WARNING 01: wet weather time step reduced to recording interval for Rain Gage Industrial_Subdivision

****
Element Count
****
Number of rain gages 1
Number of subcatchments ... 4
Number of nodes 4
Number of links 2
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
Industrial_Subdivision	100Year	INTENSITY	1 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
A101	22.39	608.36	1.54	2.4400	Industrial_Subdivision	OF1
A102	32.54	629.72	1.54	1.0700	Industrial_Subdivision	OF2
EX01	0.21	140.00	92.31	2.0000	Industrial_Subdivision	A101
EX02	0.18	120.00	92.31	2.0000	Industrial_Subdivision	A102

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
OF1	OUTFALL	345.00	1.00	0.0	
OF2	OUTFALL	350.00	1.00	0.0	
SU1	STORAGE	0.00	5.00	0.0	
SU2	STORAGE	0.00	5.00	0.0	

****
Link Summary
****

Name	From Node	To Node	Type	Length	%Slope	Roughness
C1	OF1	SU1	CONDUIT	400.0	170.4353	0.0130
C2	OF2	SU2	CONDUIT	400.0	180.7392	0.0130

****
Cross Section Summary
****

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
C1	CIRCULAR	1.00	0.79	0.25	1.00	1	31302.51
C2	CIRCULAR	1.00	0.79	0.25	1.00	1	32234.84

****
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
****

****
Analysis Options
****
Flow Units ..... LPS
Process Models:
  Rainfall/Runoff ..... YES
  RDII ..... NO
  Snowmelt ..... NO
  Groundwater ..... NO
  Flow Routing ..... YES
  Ponding Allowed ..... NO
  Water Quality ..... NO
Infiltration Method ..... CURVE_NUMBER
Flow Routing Method ..... DYNWAVE
Surcharge Method ..... EXTRAN
Starting Date 10/10/2024 00:00:00
Ending Date 10/12/2024 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:01:00
Dry Time Step 00:05:00
Routing Time Step ..... 5.00 sec
Variable Time Step ..... YES
Maximum Trials 8
Number of Threads 1
Head Tolerance ..... 0.001500 m

********** Runoff Quantity Continuity	Volume hectare-m	Depth mm
Total Precipitation	3.381	61.117
Evaporation Loss	0.000	0.000

Infiltration Loss	2.025	36.601
Surface Runoff	1.286	23.252
Final Storage	0.070	1.268
Continuity Error (%)	-0.006	

Flow Routing Continuity	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	1.286	12.863
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	1.286	12.863
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.000	0.000
Continuity Error (%)	0.000	

Time-Step Critical Elements

None

Highest Flow Instability Indexes

All links are stable.

Routing Time Step Summary

Minimum Time Step	:	4.50 sec
Average Time Step	:	5.00 sec
Maximum Time Step	:	5.00 sec
Percent in Steady State	:	0.00
Average Iterations per Step	:	2.00
Percent Not Converging	:	0.00
Time Step Frequencies	:	
5.000 - 3.155 sec	:	100.00 %
3.155 - 1.991 sec	:	0.00 %
1.991 - 1.256 sec	:	0.00 %
1.256 - 0.792 sec	:	0.00 %
0.792 - 0.500 sec	:	0.00 %

Subcatchment Runoff Summary

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff LPS	Runoff Coeff
A101	61.12	0.54	0.00	35.03	0.93	24.43	25.36	5.68	660.23	0.411
A102	61.12	0.32	0.00	38.09	0.93	21.16	22.08	7.19	637.84	0.359
EX01	61.12	0.00	0.00	2.29	55.19	2.32	57.52	0.12	152.89	0.941
EX02	61.12	0.00	0.00	2.29	55.19	2.32	57.52	0.10	131.05	0.941

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
OF1	OUTFALL	0.00	0.00	345.00	0 00:00	0.00
OF2	OUTFALL	0.00	0.00	350.00	0 00:00	0.00
SU1	STORAGE	0.00	0.00	0.00	0 00:00	0.00
SU2	STORAGE	0.00	0.00	0.00	0 00:00	0.00

Node Inflow Summary

Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent	
OF1	OUTFALL	660.23	660.23	0 01:51	5.68	5.68	0.000	
OF2	OUTFALL	637.84	637.84	0 02:28	7.19	7.19	0.000	
SU1	STORAGE	0.00	0.00	0 00:00	0	0	0.000	ltr
SU2	STORAGE	0.00	0.00	0 00:00	0	0	0.000	ltr

Node Surcharge Summary

No nodes were surcharged.

Node Flooding Summary

No nodes were flooded.

****
Storage Volume Summary
****

Storage Unit	Average Volume 1000 m3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow LPS
SU1	0.000	0	0	0	0.000	0	0 00:00	0.00
SU2	0.000	0	0	0	0.000	0	0 00:00	0.00

****
Outfall Loading Summary
****

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
OF1	15.30	214.67	660.23	5.677
OF2	19.96	208.28	637.84	7.186
System	17.63	422.96	1267.84	12.863

****
Link Flow Summary
****

Link	Type	Maximum |Flow| LPS	Time of Max Occurrence days hr:min	Maximum |Veloc| m/sec	Max/ Full Flow	Max/ Full Depth
C1	CONDUIT	0.00	0 00:00	0.00	0.00	0.00
C2	CONDUIT	0.00	0 00:00	0.00	0.00	0.00

****
Flow Classification Summary
****

Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

****
Conduit Surcharge Summary
****

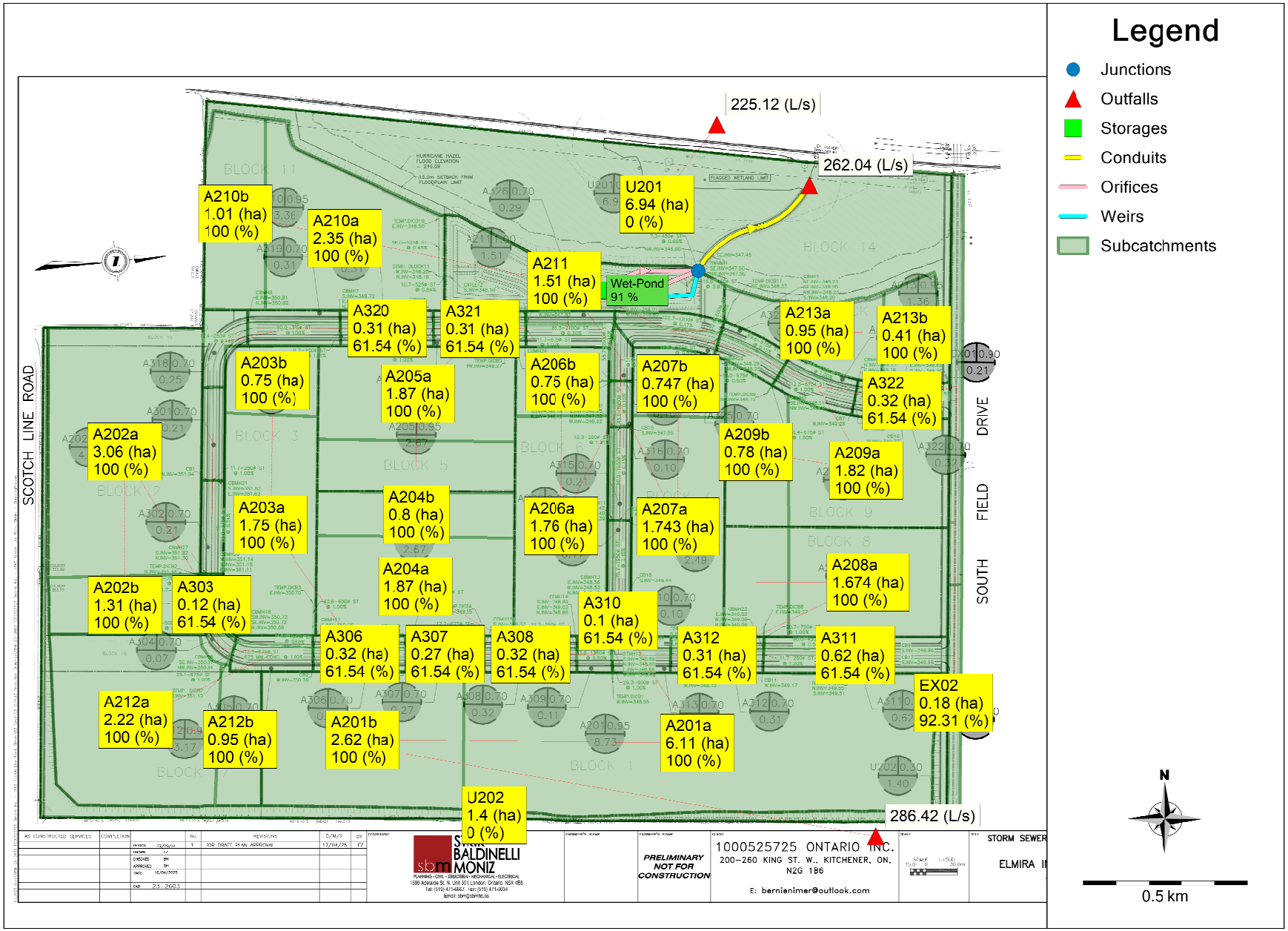
No conduits were surcharged.

Analysis begun on: Wed Apr 16 17:01:18 2025
Analysis ended on: Wed Apr 16 17:01:18 2025
Total elapsed time: < 1 sec

APPENDIX D

Post-Development Modelling Layout
Post-Development Modelling Output Results

POST-DEVELOPMENT LAYOUT



EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)

WARNING 01: wet weather time step reduced to recording interval for Rain Gage Industrial_Subdivision

****
Element Count
****
Number of rain gages 1
Number of subcatchments ... 55
Number of nodes 5
Number of links 4
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
Industrial_Subdivision	2Year	INTENSITY	1 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
A201a	6.11	396.24	100.00	0.5000	Industrial_Subdivision	A310
A201b	2.62	262.00	100.00	0.5000	Industrial_Subdivision	A201a
A202a	3.06	244.51	100.00	0.5000	Industrial_Subdivision	A303
A202b	1.31	131.00	100.00	0.5000	Industrial_Subdivision	A202a
A203a	1.75	143.38	100.00	0.5000	Industrial_Subdivision	A306
A203b	0.75	150.00	100.00	0.5000	Industrial_Subdivision	A203a
A204a	1.87	179.53	100.00	0.5000	Industrial_Subdivision	A308
A204b	0.80	80.00	100.00	0.5000	Industrial_Subdivision	A204a
A205a	1.87	179.29	100.00	0.5000	Industrial_Subdivision	A321
A205b	0.80	80.00	100.00	0.5000	Industrial_Subdivision	A205a
A206a	1.76	172.36	100.00	0.5000	Industrial_Subdivision	A316
A206b	0.75	75.00	100.00	0.5000	Industrial_Subdivision	A206a
A207a	1.74	145.56	100.00	0.5000	Industrial_Subdivision	A316
A207b	0.75	149.40	100.00	0.5000	Industrial_Subdivision	A207a
A208a	1.67	182.21	100.00	0.5000	Industrial_Subdivision	A312
A208b	0.69	69.30	100.00	0.5000	Industrial_Subdivision	A208a
A209a	1.82	245.95	100.00	0.5000	Industrial_Subdivision	A323
A209b	0.78	78.00	100.00	0.5000	Industrial_Subdivision	A209a
A210a	2.35	132.28	100.00	0.5000	Industrial_Subdivision	Wet-Pond
A210b	1.01	101.00	100.00	0.5000	Industrial_Subdivision	A210a
A211	1.51	503.33	100.00	0.5000	Industrial_Subdivision	Wet-Pond
A212a	2.22	343.33	100.00	0.5000	Industrial_Subdivision	A305
A212b	0.95	95.00	100.00	0.5000	Industrial_Subdivision	A212a
A213a	0.95	95.00	100.00	0.5000	Industrial_Subdivision	A325
A213b	0.41	136.67	100.00	0.5000	Industrial_Subdivision	A213a
A301	0.21	70.00	61.54	0.7000	Industrial_Subdivision	A302
A302	0.21	70.00	61.54	0.7000	Industrial_Subdivision	A303
A303	0.12	40.00	61.54	0.7000	Industrial_Subdivision	A304
A304	0.07	23.33	61.54	0.7000	Industrial_Subdivision	A305
A305	0.27	90.00	61.54	0.7000	Industrial_Subdivision	A306
A306	0.32	106.67	61.54	0.7000	Industrial_Subdivision	A307
A307	0.27	90.00	61.54	0.7000	Industrial_Subdivision	A308
A308	0.32	106.67	61.54	0.7000	Industrial_Subdivision	A309
A309	0.11	36.67	61.54	0.7000	Industrial_Subdivision	A310
A310	0.10	33.33	61.54	0.7000	Industrial_Subdivision	A314
A311	0.62	206.67	61.54	0.7000	Industrial_Subdivision	A312
A312	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A313
A313	0.19	63.33	61.54	0.7000	Industrial_Subdivision	A310
A314	0.17	56.67	61.54	0.7000	Industrial_Subdivision	A315
A315	0.21	70.00	61.54	0.7000	Industrial_Subdivision	A316
A316	0.10	33.33	61.54	0.7000	Industrial_Subdivision	A317
A317	0.10	33.33	61.54	0.7000	Industrial_Subdivision	A211
A318	0.25	83.33	61.54	0.7000	Industrial_Subdivision	A319
A319	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A320
A320	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A321
A321	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A326
A322	0.32	106.67	61.54	0.7000	Industrial_Subdivision	A323
A323	0.27	90.00	61.54	0.7000	Industrial_Subdivision	A324
A324	0.24	24.00	61.54	0.7000	Industrial_Subdivision	A325
A325	0.33	110.00	61.54	0.7000	Industrial_Subdivision	A211
A326	0.29	96.67	61.54	0.7000	Industrial_Subdivision	A211
EX01	0.21	140.00	92.31	2.0000	Industrial_Subdivision	A322
EX02	0.18	120.00	92.31	2.0000	Industrial_Subdivision	EX01
U201	6.94	433.75	0.00	1.8000	Industrial_Subdivision	OF_U203
U202	1.40	933.33	0.00	27.0000	Industrial_Subdivision	OF_U202

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
J1	JUNCTION	347.45	2.55	0.0	
OF_U202	OUTFALL	0.00	0.00	0.0	
OF_U203	OUTFALL	345.00	0.00	0.0	
OF3	OUTFALL	346.45	0.15	0.0	
Wet-Pond	STORAGE	347.50	2.49	0.0	

****
Link Summary
****

Name	From Node	To Node	Type	Length	%Slope	Roughness
C2	J1	OF3	CONDUIT	126.0	0.7937	0.0130
OR1	Wet-Pond	J1	ORIFICE			

OR2	Wet-Pond	J1	ORIFICE
W1	Wet-Pond	J1	WEIR

****
Cross Section Summary
****

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
C2	TRAPEZOIDAL	0.15	0.52	0.13	3.90	1	915.07

****
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
****

****
Analysis Options
****
Flow Units ..... LPS
Process Models:
  Rainfall/Runoff ..... YES
  RDII ..... NO
  Snowmelt ..... NO
  Groundwater ..... NO
  Flow Routing ..... YES
  Ponding Allowed ..... NO
  Water Quality ..... NO
Infiltration Method ..... CURVE_NUMBER
Flow Routing Method ..... DYNWAVE
Surcharge Method ..... EXTRAN
Starting Date 10/10/2024 00:00:00
Ending Date 10/12/2024 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:01:00
Dry Time Step 00:05:00
Routing Time Step ..... 5.00 sec
Variable Time Step ..... YES
Maximum Trials 8
Number of Threads 1
Head Tolerance ..... 0.001500 m

********** Runoff Quantity Continuity **********	Volume hectare-m	Depth mm
Total Precipitation	1.573	28.415
Evaporation Loss	0.000	0.000
Infiltration Loss	0.268	4.842
Surface Runoff	1.228	22.183
Final Storage	0.079	1.419
Continuity Error (%)	-0.102	

********** Flow Routing Continuity **********	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	1.228	12.282
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	1.120	11.197
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.109	1.089
Continuity Error (%)	-0.021	

****
Time-Step Critical Elements
****
None

****
Highest Flow Instability Indexes
****
All links are stable.

****
Routing Time Step Summary
****
Minimum Time Step : 4.50 sec
Average Time Step : 5.00 sec
Maximum Time Step : 5.00 sec
Percent in Steady State : 0.00
Average Iterations per Step : 2.00
Percent Not Converging : 0.00
Time Step Frequencies :
5.000 - 3.155 sec : 100.00 %
3.155 - 1.991 sec : 0.00 %
1.991 - 1.256 sec : 0.00 %
1.256 - 0.792 sec : 0.00 %
0.792 - 0.500 sec : 0.00 %

****
Subcatchment Runoff Summary
****

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff LPS	Runoff Coeff
A201a	28.41	11.58	0.00	0.00	38.57	0.00	38.57	2.36	1077.99	0.964
A201b	28.41	0.00	0.00	0.00	27.00	0.00	27.00	0.71	440.16	0.950
A202a	28.41	11.56	0.00	0.00	38.55	0.00	38.55	1.18	583.93	0.965
A202b	28.41	0.00	0.00	0.00	27.00	0.00	27.00	0.35	220.08	0.950
A203a	28.41	11.58	0.00	0.00	38.57	0.00	38.57	0.68	359.94	0.965
A203b	28.41	0.00	0.00	0.00	27.01	0.00	27.01	0.20	169.01	0.951
A204a	28.41	11.55	0.00	0.00	38.55	0.00	38.55	0.72	380.69	0.965
A204b	28.41	0.00	0.00	0.00	27.00	0.00	27.00	0.22	134.40	0.950
A205a	28.41	11.55	0.00	0.00	38.55	0.00	38.55	0.72	380.49	0.965
A205b	28.41	0.00	0.00	0.00	27.00	0.00	27.00	0.22	134.40	0.950
A206a	28.41	11.51	0.00	0.00	38.50	0.00	38.50	0.68	360.85	0.965
A206b	28.41	0.00	0.00	0.00	27.00	0.00	27.00	0.20	126.00	0.950
A207a	28.41	11.58	0.00	0.00	38.57	0.00	38.57	0.67	360.86	0.965
A207b	28.41	0.00	0.00	0.00	27.01	0.00	27.01	0.20	168.33	0.951
A208a	28.41	11.18	0.00	0.00	38.18	0.00	38.18	0.64	355.45	0.964
A208b	28.41	0.00	0.00	0.00	27.00	0.00	27.00	0.19	116.42	0.950
A209a	28.41	11.57	0.00	0.00	38.57	0.00	38.57	0.70	419.56	0.965
A209b	28.41	0.00	0.00	0.00	27.00	0.00	27.00	0.21	131.04	0.950
A210a	28.41	11.60	0.00	0.00	38.60	0.00	38.60	0.91	392.03	0.964
A210b	28.41	0.00	0.00	0.00	27.00	0.00	27.00	0.27	169.68	0.950
A211	28.41	710.71	0.00	0.00	737.78	0.00	737.78	11.14	3998.59	0.998
A212a	28.41	11.55	0.00	0.00	38.56	0.00	38.56	0.86	533.78	0.965
A212b	28.41	0.00	0.00	0.00	27.00	0.00	27.00	0.26	159.60	0.950
A213a	28.41	11.66	0.00	0.00	38.66	0.00	38.66	0.37	218.23	0.965
A213b	28.41	0.00	0.00	0.00	27.02	0.00	27.02	0.11	111.60	0.951
A301	28.41	0.00	0.00	8.82	16.63	1.62	18.25	0.04	42.05	0.642
A302	28.41	18.25	0.00	8.98	27.87	8.48	36.36	0.08	60.23	0.779
A303	28.41	1046.76	0.00	11.57	660.92	401.02	1061.94	1.27	622.97	0.988
A304	28.41	1820.47	0.00	11.76	1137.09	698.44	1835.53	1.28	614.73	0.993
A305	28.41	792.91	0.00	10.87	504.65	304.32	808.97	2.18	1036.00	0.985
A306	28.41	893.52	0.00	10.86	566.56	343.02	909.59	2.91	1345.00	0.987
A307	28.41	1078.03	0.00	10.81	680.12	414.09	1094.21	2.95	1331.46	0.989
A308	28.41	1148.51	0.00	10.89	723.48	441.07	1164.56	3.73	1604.14	0.989
A309	28.41	3387.80	0.00	11.43	2101.63	1301.74	3403.37	3.74	1599.87	0.996
A310	28.41	6936.95	0.00	13.53	4285.81	2664.27	6950.09	6.95	2758.54	0.998
A311	28.41	0.00	0.00	8.82	16.63	1.62	18.25	0.11	124.16	0.642
A312	28.41	242.66	0.00	10.05	166.00	93.58	259.58	0.80	428.90	0.958
A313	28.41	423.53	0.00	10.19	277.31	163.00	440.30	0.84	414.20	0.974
A314	28.41	4088.29	0.00	12.26	2532.72	1570.14	4102.86	6.97	2756.82	0.997
A315	28.41	3321.37	0.00	11.78	2060.75	1275.86	3336.61	7.01	2753.28	0.996
A316	28.41	8356.87	0.00	12.72	5159.62	3211.36	8370.98	8.37	3155.97	0.998
A317	28.41	8370.98	0.00	12.36	5168.30	3217.38	8385.68	8.39	3156.31	0.998
A318	28.41	0.00	0.00	8.82	16.63	1.62	18.25	0.05	50.07	0.642
A319	28.41	14.72	0.00	8.96	25.70	7.15	32.84	0.10	82.90	0.761
A320	28.41	32.84	0.00	9.08	36.85	14.00	50.85	0.16	98.67	0.830
A321	28.41	283.38	0.00	10.18	191.06	109.07	300.13	0.93	460.56	0.963
A322	28.41	30.88	0.00	9.00	35.64	13.33	48.97	0.16	125.20	0.826
A323	28.41	318.06	0.00	10.10	212.41	122.53	334.94	0.90	513.73	0.967
A324	28.41	376.81	0.00	10.45	248.56	144.82	393.38	0.94	443.23	0.971
A325	28.41	397.40	0.00	10.20	261.21	152.97	414.18	1.37	616.05	0.973
A326	28.41	320.83	0.00	10.10	214.09	123.60	337.69	0.98	450.35	0.967
EX01	28.41	21.72	0.00	1.73	45.02	2.03	47.05	0.10	118.06	0.939
EX02	28.41	0.00	0.00	1.72	24.96	0.37	25.33	0.05	61.09	0.892
U201	28.41	0.00	0.00	24.72	0.00	2.44	2.44	0.17	28.63	0.086
U202	28.41	0.00	0.00	22.48	0.00	4.69	4.69	0.07	16.46	0.165

****
Node Depth Summary
****

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
J1	JUNCTION	0.03	0.04	347.49	0 03:52	0.04
OF_U202	OUTFALL	0.00	0.00	0.00	0 00:00	0.00
OF_U203	OUTFALL	0.00	0.00	345.00	0 00:00	0.00
OF3	OUTFALL	0.03	0.04	346.49	0 03:52	0.04
Wet-Pond	STORAGE	0.57	1.16	348.66	0 03:51	1.16

****
Node Inflow Summary
****

Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent
J1	JUNCTION	0.00	104.36	0 03:51	0	11	0.025
OF_U202	OUTFALL	16.46	16.46	0 01:32	0.0656	0.0656	0.000
OF_U203	OUTFALL	28.63	28.63	0 03:01	0.169	0.169	0.000
OF3	OUTFALL	0.00	104.36	0 03:52	0	11	0.000
Wet-Pond	STORAGE	4254.70	4254.70	0 01:22	12	12	0.001

****
Node Surcharge Summary
****

No nodes were surcharged.

****
Node Flooding Summary
****

No nodes were flooded.

****
Storage Volume Summary
****

Storage Unit	Average Volume 1000 m3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow LPS
Wet-Pond	5.025	19	0	0	10.909	40	0 03:51	104.36

****
Outfall Loading Summary
****

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
OF_U202	3.99	9.52	16.46	0.066
OF_U203	6.99	14.01	28.63	0.169
OF3	98.35	64.50	104.36	10.962
System	36.44	88.03	137.39	11.196

****
Link Flow Summary
****

Link	Type	|Flow| Maximum LPS	Time of Max Occurrence days hr:min	|Veloc| Maximum m/sec	Max/ Full Flow	Max/ Full Depth
C2	CONDUIT	104.36	0 03:52	0.80	0.11	0.28
OR1	ORIFICE	0.00	0 00:00			0.00
OR2	ORIFICE	104.36	0 03:51			1.00
W1	WEIR	0.00	0 00:00			0.00

****
Flow Classification Summary
****

Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C2	1.00	0.01	0.00	0.00	0.02	0.98	0.00	0.00	0.91	0.00

****
Conduit Surcharge Summary
****

No conduits were surcharged.

Analysis begun on: Thu Apr 17 09:33:51 2025
Analysis ended on: Thu Apr 17 09:33:52 2025
Total elapsed time: 00:00:01

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)

WARNING 01: wet weather time step reduced to recording interval for Rain Gage Industrial_Subdivision

****
Element Count
****
Number of rain gages 1
Number of subcatchments ... 55
Number of nodes 5
Number of links 4
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
Industrial_Subdivision	5Year	INTENSITY	1 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
A201a	6.11	396.24	100.00	0.5000	Industrial_Subdivision	A310
A201b	2.62	262.00	100.00	0.5000	Industrial_Subdivision	A201a
A202a	3.06	244.51	100.00	0.5000	Industrial_Subdivision	A303
A202b	1.31	131.00	100.00	0.5000	Industrial_Subdivision	A202a
A203a	1.75	143.38	100.00	0.5000	Industrial_Subdivision	A306
A203b	0.75	150.00	100.00	0.5000	Industrial_Subdivision	A203a
A204a	1.87	179.53	100.00	0.5000	Industrial_Subdivision	A308
A204b	0.80	80.00	100.00	0.5000	Industrial_Subdivision	A204a
A205a	1.87	179.29	100.00	0.5000	Industrial_Subdivision	A321
A205b	0.80	80.00	100.00	0.5000	Industrial_Subdivision	A205a
A206a	1.76	172.36	100.00	0.5000	Industrial_Subdivision	A316
A206b	0.75	75.00	100.00	0.5000	Industrial_Subdivision	A206a
A207a	1.74	145.56	100.00	0.5000	Industrial_Subdivision	A316
A207b	0.75	149.40	100.00	0.5000	Industrial_Subdivision	A207a
A208a	1.67	182.21	100.00	0.5000	Industrial_Subdivision	A312
A208b	0.69	69.30	100.00	0.5000	Industrial_Subdivision	A208a
A209a	1.82	245.95	100.00	0.5000	Industrial_Subdivision	A323
A209b	0.78	78.00	100.00	0.5000	Industrial_Subdivision	A209a
A210a	2.35	132.28	100.00	0.5000	Industrial_Subdivision	Wet-Pond
A210b	1.01	101.00	100.00	0.5000	Industrial_Subdivision	A210a
A211	1.51	503.33	100.00	0.5000	Industrial_Subdivision	Wet-Pond
A212a	2.22	343.33	100.00	0.5000	Industrial_Subdivision	A305
A212b	0.95	95.00	100.00	0.5000	Industrial_Subdivision	A212a
A213a	0.95	95.00	100.00	0.5000	Industrial_Subdivision	A325
A213b	0.41	136.67	100.00	0.5000	Industrial_Subdivision	A213a
A301	0.21	70.00	61.54	0.7000	Industrial_Subdivision	A302
A302	0.21	70.00	61.54	0.7000	Industrial_Subdivision	A303
A303	0.12	40.00	61.54	0.7000	Industrial_Subdivision	A304
A304	0.07	23.33	61.54	0.7000	Industrial_Subdivision	A305
A305	0.27	90.00	61.54	0.7000	Industrial_Subdivision	A306
A306	0.32	106.67	61.54	0.7000	Industrial_Subdivision	A307
A307	0.27	90.00	61.54	0.7000	Industrial_Subdivision	A308
A308	0.32	106.67	61.54	0.7000	Industrial_Subdivision	A309
A309	0.11	36.67	61.54	0.7000	Industrial_Subdivision	A310
A310	0.10	33.33	61.54	0.7000	Industrial_Subdivision	A314
A311	0.62	206.67	61.54	0.7000	Industrial_Subdivision	A312
A312	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A313
A313	0.19	63.33	61.54	0.7000	Industrial_Subdivision	A310
A314	0.17	56.67	61.54	0.7000	Industrial_Subdivision	A315
A315	0.21	70.00	61.54	0.7000	Industrial_Subdivision	A316
A316	0.10	33.33	61.54	0.7000	Industrial_Subdivision	A317
A317	0.10	33.33	61.54	0.7000	Industrial_Subdivision	A211
A318	0.25	83.33	61.54	0.7000	Industrial_Subdivision	A319
A319	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A320
A320	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A321
A321	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A326
A322	0.32	106.67	61.54	0.7000	Industrial_Subdivision	A323
A323	0.27	90.00	61.54	0.7000	Industrial_Subdivision	A324
A324	0.24	24.00	61.54	0.7000	Industrial_Subdivision	A325
A325	0.33	110.00	61.54	0.7000	Industrial_Subdivision	A211
A326	0.29	96.67	61.54	0.7000	Industrial_Subdivision	A211
EX01	0.21	140.00	92.31	2.0000	Industrial_Subdivision	A322
EX02	0.18	120.00	92.31	2.0000	Industrial_Subdivision	EX01
U201	6.94	433.75	0.00	1.8000	Industrial_Subdivision	OF_U203
U202	1.40	933.33	0.00	27.0000	Industrial_Subdivision	OF_U202

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
J1	JUNCTION	347.45	2.55	0.0	
OF_U202	OUTFALL	0.00	0.00	0.0	
OF_U203	OUTFALL	345.00	0.00	0.0	
OF3	OUTFALL	346.45	0.15	0.0	
Wet-Pond	STORAGE	347.50	2.49	0.0	

****
Link Summary
****

Name	From Node	To Node	Type	Length	%Slope	Roughness
C2	J1	OF3	CONDUIT	126.0	0.7937	0.0130
OR1	Wet-Pond	J1	ORIFICE			

OR2	Wet-Pond	J1	ORIFICE
W1	Wet-Pond	J1	WEIR

****
Cross Section Summary
****

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
C2	TRAPEZOIDAL	0.15	0.52	0.13	3.90	1	915.07

****
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
****

****
Analysis Options
****
Flow Units ..... LPS
Process Models:
  Rainfall/Runoff ..... YES
  RDII ..... NO
  Snowmelt ..... NO
  Groundwater ..... NO
  Flow Routing ..... YES
  Ponding Allowed ..... NO
  Water Quality ..... NO
Infiltration Method ..... CURVE_NUMBER
Flow Routing Method ..... DYNWAVE
Surcharge Method ..... EXTRAN
Starting Date 10/10/2024 00:00:00
Ending Date 10/12/2024 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:01:00
Dry Time Step 00:05:00
Routing Time Step ..... 5.00 sec
Variable Time Step ..... YES
Maximum Trials 8
Number of Threads 1
Head Tolerance ..... 0.001500 m

********** Runoff Quantity Continuity **********	Volume hectare-m	Depth mm
Total Precipitation	2.084	37.646
Evaporation Loss	0.000	0.000
Infiltration Loss	0.318	5.741
Surface Runoff	1.690	30.525
Final Storage	0.079	1.422
Continuity Error (%)	-0.110	

********** Flow Routing Continuity **********	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	1.690	16.901
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	1.491	14.905
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.200	2.000
Continuity Error (%)	-0.025	

****
Time-Step Critical Elements
****
None

****
Highest Flow Instability Indexes
****
All links are stable.

****
Routing Time Step Summary
****
Minimum Time Step : 4.50 sec
Average Time Step : 5.00 sec
Maximum Time Step : 5.00 sec
Percent in Steady State : 0.00
Average Iterations per Step : 2.00
Percent Not Converging : 0.00
Time Step Frequencies :
    5.000 - 3.155 sec : 100.00 %
    3.155 - 1.991 sec : 0.00 %
    1.991 - 1.256 sec : 0.00 %
    1.256 - 0.792 sec : 0.00 %
    0.792 - 0.500 sec : 0.00 %

****
Subcatchment Runoff Summary
****

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff LPS	Runoff Coeff
A201a	37.65	15.54	0.00	0.00	51.77	0.00	51.77	3.16	1575.75	0.973
A201b	37.65	0.00	0.00	0.00	36.24	0.00	36.24	0.95	631.39	0.963
A202a	37.65	15.51	0.00	0.00	51.75	0.00	51.75	1.58	847.42	0.973
A202b	37.65	0.00	0.00	0.00	36.24	0.00	36.24	0.47	315.70	0.963
A203a	37.65	15.54	0.00	0.00	51.77	0.00	51.77	0.91	518.95	0.974
A203b	37.65	0.00	0.00	0.00	36.25	0.00	36.25	0.27	243.01	0.963
A204a	37.65	15.50	0.00	0.00	51.74	0.00	51.74	0.97	554.53	0.974
A204b	37.65	0.00	0.00	0.00	36.24	0.00	36.24	0.29	192.79	0.963
A205a	37.65	15.50	0.00	0.00	51.74	0.00	51.74	0.97	554.26	0.974
A205b	37.65	0.00	0.00	0.00	36.24	0.00	36.24	0.29	192.79	0.963
A206a	37.65	15.44	0.00	0.00	51.68	0.00	51.68	0.91	525.18	0.973
A206b	37.65	0.00	0.00	0.00	36.24	0.00	36.24	0.27	180.74	0.963
A207a	37.65	15.54	0.00	0.00	51.77	0.00	51.77	0.90	520.70	0.974
A207b	37.65	0.00	0.00	0.00	36.25	0.00	36.25	0.27	242.04	0.963
A208a	37.65	15.00	0.00	0.00	51.24	0.00	51.24	0.86	514.92	0.973
A208b	37.65	0.00	0.00	0.00	36.24	0.00	36.24	0.25	167.01	0.963
A209a	37.65	15.53	0.00	0.00	51.77	0.00	51.77	0.94	602.77	0.974
A209b	37.65	0.00	0.00	0.00	36.24	0.00	36.24	0.28	187.97	0.963
A210a	37.65	15.57	0.00	0.00	51.80	0.00	51.80	1.22	575.67	0.973
A210b	37.65	0.00	0.00	0.00	36.24	0.00	36.24	0.37	243.40	0.963
A211	37.65	961.78	0.00	0.00	998.11	0.00	998.11	15.07	5690.28	0.999
A212a	37.65	15.51	0.00	0.00	51.75	0.00	51.75	1.15	762.73	0.974
A212b	37.65	0.00	0.00	0.00	36.24	0.00	36.24	0.34	228.94	0.963
A213a	37.65	15.65	0.00	0.00	51.89	0.00	51.89	0.49	317.03	0.974
A213b	37.65	0.00	0.00	0.00	36.26	0.00	36.26	0.15	158.08	0.963
A301	37.65	0.00	0.00	10.42	22.33	3.58	25.91	0.05	58.33	0.688
A302	37.65	25.91	0.00	10.58	38.27	13.38	51.66	0.11	88.43	0.813
A303	37.65	1409.98	0.00	13.28	890.17	542.56	1432.74	1.72	911.02	0.990
A304	37.65	2456.12	0.00	13.49	1534.00	944.79	2478.79	1.74	905.66	0.994
A305	37.65	1068.18	0.00	12.55	679.76	412.07	1091.83	2.95	1499.47	0.987
A306	37.65	1204.37	0.00	12.54	763.57	464.46	1228.03	3.93	1945.74	0.989
A307	37.65	1455.44	0.00	12.50	918.09	561.13	1479.22	3.99	1937.64	0.991
A308	37.65	1550.45	0.00	12.58	976.55	597.54	1574.08	5.04	2320.97	0.991
A309	37.65	4579.15	0.00	13.14	2840.49	1761.83	4602.33	5.06	2321.44	0.997
A310	37.65	9366.50	0.00	15.34	5786.65	3600.58	9387.23	9.39	3943.19	0.998
A311	37.65	0.00	0.00	10.42	22.33	3.58	25.91	0.16	172.22	0.688
A312	37.65	328.52	0.00	11.69	224.54	128.51	353.05	1.09	625.81	0.964
A313	37.65	576.03	0.00	11.85	376.86	223.56	600.42	1.14	605.28	0.978
A314	37.65	5521.90	0.00	14.01	3420.67	2123.34	5544.01	9.42	3948.78	0.997
A315	37.65	4488.01	0.00	13.52	2784.40	1726.41	4510.81	9.47	3954.14	0.997
A316	37.65	11284.69	0.00	14.50	6967.09	4339.24	11306.33	11.31	4498.00	0.999
A317	37.65	11306.33	0.00	14.13	6980.41	4348.18	11328.59	11.33	4498.95	0.999
A318	37.65	0.00	0.00	10.42	22.33	3.58	25.91	0.06	69.44	0.688
A319	37.65	20.89	0.00	10.55	35.19	11.48	46.66	0.14	121.27	0.797
A320	37.65	46.66	0.00	10.68	51.05	21.27	72.32	0.22	146.80	0.858
A321	37.65	384.43	0.00	11.84	258.95	149.83	408.78	1.27	678.86	0.969
A322	37.65	41.77	0.00	10.59	48.05	19.49	67.53	0.22	180.33	0.850
A323	37.65	429.04	0.00	11.74	286.42	167.13	453.55	1.22	750.99	0.972
A324	37.65	510.25	0.00	12.12	336.39	198.03	534.42	1.28	654.81	0.975
A325	37.65	538.06	0.00	11.85	353.48	208.97	562.45	1.86	904.12	0.977
A326	37.65	436.97	0.00	11.75	291.26	170.18	461.44	1.34	666.45	0.972
EX01	37.65	29.38	0.00	2.04	60.63	3.02	63.66	0.13	163.34	0.950
EX02	37.65	0.00	0.00	2.03	33.50	0.77	34.28	0.06	82.84	0.910
U201	37.65	0.00	0.00	29.56	0.00	6.83	6.83	0.47	64.13	0.181
U202	37.65	0.00	0.00	26.53	0.00	9.87	9.87	0.14	51.53	0.262

****
Node Depth Summary
****

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
J1	JUNCTION	0.04	0.05	347.50	0 03:45	0.05
OF_U202	OUTFALL	0.00	0.00	0.00	0 00:00	0.00
OF_U203	OUTFALL	0.00	0.00	345.00	0 00:00	0.00
OF3	OUTFALL	0.04	0.05	346.50	0 03:45	0.05
Wet-Pond	STORAGE	0.81	1.51	349.01	0 03:45	1.51

****
Node Inflow Summary
****

Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent
J1	JUNCTION	0.00	145.08	0 03:45	0	14.3	0.031
OF_U202	OUTFALL	51.53	51.53	0 01:16	0.138	0.138	0.000
OF_U203	OUTFALL	64.13	64.13	0 02:21	0.474	0.474	0.000
OF3	OUTFALL	0.00	145.08	0 03:45	0	14.3	0.000
Wet-Pond	STORAGE	6060.45	6060.45	0 01:21	16.3	16.3	0.001

****
Node Surcharge Summary
****

No nodes were surcharged.

****
Node Flooding Summary
****

No nodes were flooded.

****
Storage Volume Summary
****

Storage Unit	Average Volume 1000 m3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow LPS
Wet-Pond	7.475	28	0	0	14.894	55	0 03:45	145.08

****
Outfall Loading Summary
****

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
OF_U202	4.30	18.59	51.53	0.138
OF_U203	8.01	34.24	64.13	0.474
OF3	98.58	83.91	145.08	14.293
System	36.96	136.73	202.06	14.905

****
Link Flow Summary
****

Link	Type	|Flow| Maximum LPS	Time of Max Occurrence days hr:min	|Veloc| Maximum m/sec	Max/ Full Flow	Max/ Full Depth
C2	CONDUIT	145.08	0 03:45	0.91	0.16	0.34
OR1	ORIFICE	24.47	0 03:45			0.71
OR2	ORIFICE	120.61	0 03:45			1.00
W1	WEIR	0.00	0 00:00			0.00

****
Flow Classification Summary
****

Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C2	1.00	0.00	0.00	0.00	0.02	0.98	0.00	0.00	0.92	0.00

****
Conduit Surcharge Summary
****

No conduits were surcharged.

Analysis begun on: Thu Apr 17 09:37:08 2025
Analysis ended on: Thu Apr 17 09:37:08 2025
Total elapsed time: < 1 sec

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)

WARNING 01: wet weather time step reduced to recording interval for Rain Gage Industrial_Subdivision

****
Element Count
****
Number of rain gages 1
Number of subcatchments ... 55
Number of nodes 5
Number of links 4
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
Industrial_Subdivision	10Year	INTENSITY	1 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
A201a	6.11	396.24	100.00	0.5000	Industrial_Subdivision	A310
A201b	2.62	262.00	100.00	0.5000	Industrial_Subdivision	A201a
A202a	3.06	244.51	100.00	0.5000	Industrial_Subdivision	A303
A202b	1.31	131.00	100.00	0.5000	Industrial_Subdivision	A202a
A203a	1.75	143.38	100.00	0.5000	Industrial_Subdivision	A306
A203b	0.75	150.00	100.00	0.5000	Industrial_Subdivision	A203a
A204a	1.87	179.53	100.00	0.5000	Industrial_Subdivision	A308
A204b	0.80	80.00	100.00	0.5000	Industrial_Subdivision	A204a
A205a	1.87	179.29	100.00	0.5000	Industrial_Subdivision	A321
A205b	0.80	80.00	100.00	0.5000	Industrial_Subdivision	A205a
A206a	1.76	172.36	100.00	0.5000	Industrial_Subdivision	A316
A206b	0.75	75.00	100.00	0.5000	Industrial_Subdivision	A206a
A207a	1.74	145.56	100.00	0.5000	Industrial_Subdivision	A316
A207b	0.75	149.40	100.00	0.5000	Industrial_Subdivision	A207a
A208a	1.67	182.21	100.00	0.5000	Industrial_Subdivision	A312
A208b	0.69	69.30	100.00	0.5000	Industrial_Subdivision	A208a
A209a	1.82	245.95	100.00	0.5000	Industrial_Subdivision	A323
A209b	0.78	78.00	100.00	0.5000	Industrial_Subdivision	A209a
A210a	2.35	132.28	100.00	0.5000	Industrial_Subdivision	Wet-Pond
A210b	1.01	101.00	100.00	0.5000	Industrial_Subdivision	A210a
A211	1.51	503.33	100.00	0.5000	Industrial_Subdivision	Wet-Pond
A212a	2.22	343.33	100.00	0.5000	Industrial_Subdivision	A305
A212b	0.95	95.00	100.00	0.5000	Industrial_Subdivision	A212a
A213a	0.95	95.00	100.00	0.5000	Industrial_Subdivision	A325
A213b	0.41	136.67	100.00	0.5000	Industrial_Subdivision	A213a
A301	0.21	70.00	61.54	0.7000	Industrial_Subdivision	A302
A302	0.21	70.00	61.54	0.7000	Industrial_Subdivision	A303
A303	0.12	40.00	61.54	0.7000	Industrial_Subdivision	A304
A304	0.07	23.33	61.54	0.7000	Industrial_Subdivision	A305
A305	0.27	90.00	61.54	0.7000	Industrial_Subdivision	A306
A306	0.32	106.67	61.54	0.7000	Industrial_Subdivision	A307
A307	0.27	90.00	61.54	0.7000	Industrial_Subdivision	A308
A308	0.32	106.67	61.54	0.7000	Industrial_Subdivision	A309
A309	0.11	36.67	61.54	0.7000	Industrial_Subdivision	A310
A310	0.10	33.33	61.54	0.7000	Industrial_Subdivision	A314
A311	0.62	206.67	61.54	0.7000	Industrial_Subdivision	A312
A312	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A313
A313	0.19	63.33	61.54	0.7000	Industrial_Subdivision	A310
A314	0.17	56.67	61.54	0.7000	Industrial_Subdivision	A315
A315	0.21	70.00	61.54	0.7000	Industrial_Subdivision	A316
A316	0.10	33.33	61.54	0.7000	Industrial_Subdivision	A317
A317	0.10	33.33	61.54	0.7000	Industrial_Subdivision	A211
A318	0.25	83.33	61.54	0.7000	Industrial_Subdivision	A319
A319	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A320
A320	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A321
A321	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A326
A322	0.32	106.67	61.54	0.7000	Industrial_Subdivision	A323
A323	0.27	90.00	61.54	0.7000	Industrial_Subdivision	A324
A324	0.24	24.00	61.54	0.7000	Industrial_Subdivision	A325
A325	0.33	110.00	61.54	0.7000	Industrial_Subdivision	A211
A326	0.29	96.67	61.54	0.7000	Industrial_Subdivision	A211
EX01	0.21	140.00	92.31	2.0000	Industrial_Subdivision	A322
EX02	0.18	120.00	92.31	2.0000	Industrial_Subdivision	EX01
U201	6.94	433.75	0.00	1.8000	Industrial_Subdivision	OF_U203
U202	1.40	933.33	0.00	27.0000	Industrial_Subdivision	OF_U202

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
J1	JUNCTION	347.45	2.55	0.0	
OF_U202	OUTFALL	0.00	0.00	0.0	
OF_U203	OUTFALL	345.00	0.00	0.0	
OF3	OUTFALL	346.45	0.15	0.0	
Wet-Pond	STORAGE	347.50	2.49	0.0	

****
Link Summary
****

Name	From Node	To Node	Type	Length	%Slope	Roughness
C2	J1	OF3	CONDUIT	126.0	0.7937	0.0130
OR1	Wet-Pond	J1	ORIFICE			

OR2	Wet-Pond	J1	ORIFICE
W1	Wet-Pond	J1	WEIR

****
Cross Section Summary
****

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
C2	TRAPEZOIDAL	0.15	0.52	0.13	3.90	1	915.07

****
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
****

****
Analysis Options
****
Flow Units ..... LPS
Process Models:
  Rainfall/Runoff ..... YES
  RDII ..... NO
  Snowmelt ..... NO
  Groundwater ..... NO
  Flow Routing ..... YES
  Ponding Allowed ..... NO
  Water Quality ..... NO
Infiltration Method ..... CURVE_NUMBER
Flow Routing Method ..... DYNWAVE
Surcharge Method ..... EXTRAN
Starting Date 10/10/2024 00:00:00
Ending Date 10/12/2024 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:01:00
Dry Time Step 00:05:00
Routing Time Step ..... 5.00 sec
Variable Time Step ..... YES
Maximum Trials 8
Number of Threads 1
Head Tolerance ..... 0.001500 m

********** Runoff Quantity Continuity **********	Volume hectare-m	Depth mm
Total Precipitation	2.411	43.554
Evaporation Loss	0.000	0.000
Infiltration Loss	0.344	6.222
Surface Runoff	1.991	35.964
Final Storage	0.079	1.421
Continuity Error (%)	-0.121	

********** Flow Routing Continuity **********	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	1.991	19.913
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	1.733	17.332
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.258	2.585
Continuity Error (%)	-0.023	

****
Time-Step Critical Elements
****
None

****
Highest Flow Instability Indexes
****
All links are stable.

****
Routing Time Step Summary
****
Minimum Time Step : 4.50 sec
Average Time Step : 5.00 sec
Maximum Time Step : 5.00 sec
Percent in Steady State : 0.00
Average Iterations per Step : 2.00
Percent Not Converging : 0.00
Time Step Frequencies :
5.000 - 3.155 sec : 100.00 %
3.155 - 1.991 sec : 0.00 %
1.991 - 1.256 sec : 0.00 %
1.256 - 0.792 sec : 0.00 %
0.792 - 0.500 sec : 0.00 %

****
Subcatchment Runoff Summary
****

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff LPS	Runoff Coeff
A201a	43.55	18.07	0.00	0.00	60.22	0.00	60.22	3.68	1894.01	0.977
A201b	43.55	0.00	0.00	0.00	42.15	0.00	42.15	1.10	757.86	0.968
A202a	43.55	18.04	0.00	0.00	60.19	0.00	60.19	1.84	1020.74	0.977
A202b	43.55	0.00	0.00	0.00	42.15	0.00	42.15	0.55	378.93	0.968
A203a	43.55	18.07	0.00	0.00	60.22	0.00	60.22	1.05	624.61	0.977
A203b	43.55	0.00	0.00	0.00	42.17	0.00	42.17	0.32	289.31	0.968
A204a	43.55	18.03	0.00	0.00	60.18	0.00	60.18	1.13	665.46	0.977
A204b	43.55	0.00	0.00	0.00	42.15	0.00	42.15	0.34	231.41	0.968
A205a	43.55	18.03	0.00	0.00	60.18	0.00	60.18	1.13	665.16	0.977
A205b	43.55	0.00	0.00	0.00	42.15	0.00	42.15	0.34	231.41	0.968
A206a	43.55	17.96	0.00	0.00	60.11	0.00	60.11	1.06	629.97	0.977
A206b	43.55	0.00	0.00	0.00	42.15	0.00	42.15	0.32	216.94	0.968
A207a	43.55	18.07	0.00	0.00	60.22	0.00	60.22	1.05	626.48	0.977
A207b	43.55	0.00	0.00	0.00	42.17	0.00	42.17	0.31	288.15	0.968
A208a	43.55	17.45	0.00	0.00	59.60	0.00	59.60	1.00	616.24	0.977
A208b	43.55	0.00	0.00	0.00	42.15	0.00	42.15	0.29	200.46	0.968
A209a	43.55	18.06	0.00	0.00	60.22	0.00	60.22	1.10	718.39	0.977
A209b	43.55	0.00	0.00	0.00	42.15	0.00	42.15	0.33	225.62	0.968
A210a	43.55	18.12	0.00	0.00	60.26	0.00	60.26	1.42	694.41	0.977
A210b	43.55	0.00	0.00	0.00	42.15	0.00	42.15	0.43	292.15	0.968
A211	43.55	1123.24	0.00	0.00	1165.50	0.00	1165.50	17.60	6782.89	0.999
A212a	43.55	18.04	0.00	0.00	60.20	0.00	60.20	1.34	912.12	0.977
A212b	43.55	0.00	0.00	0.00	42.15	0.00	42.15	0.40	274.80	0.968
A213a	43.55	18.20	0.00	0.00	60.36	0.00	60.36	0.57	379.94	0.977
A213b	43.55	0.00	0.00	0.00	42.18	0.00	42.18	0.17	186.60	0.968
A301	43.55	0.00	0.00	11.29	25.97	4.98	30.95	0.06	68.60	0.711
A302	43.55	30.95	0.00	11.45	45.02	16.72	61.75	0.13	106.30	0.829
A303	43.55	1642.96	0.00	14.21	1038.40	633.54	1671.94	2.01	1094.41	0.991
A304	43.55	2866.18	0.00	14.41	1790.01	1103.89	2893.90	2.03	1092.54	0.995
A305	43.55	1245.24	0.00	13.47	792.38	481.54	1273.92	3.44	1809.57	0.988
A306	43.55	1404.21	0.00	13.46	890.21	542.69	1432.90	4.59	2344.73	0.990
A307	43.55	1698.25	0.00	13.40	1071.16	655.90	1727.06	4.66	2325.82	0.992
A308	43.55	1808.90	0.00	13.49	1139.25	698.31	1837.56	5.88	2789.62	0.992
A309	43.55	5345.63	0.00	14.06	3315.82	2058.02	5373.84	5.91	2782.07	0.997
A310	43.55	10927.76	0.00	16.30	6751.08	4202.46	10953.54	10.95	4722.45	0.998
A311	43.55	0.00	0.00	11.29	25.97	4.98	30.95	0.19	202.53	0.711
A312	43.55	383.76	0.00	12.58	262.19	151.14	413.32	1.28	753.40	0.967
A313	43.55	674.37	0.00	12.74	441.04	262.76	703.80	1.34	732.94	0.980
A314	43.55	6443.26	0.00	14.96	3991.31	2479.07	6470.37	11.00	4724.14	0.997
A315	43.55	5237.92	0.00	14.45	3249.54	2016.20	5265.74	11.06	4724.80	0.997
A316	43.55	13165.74	0.00	15.45	8128.33	5064.07	13192.39	13.19	5363.55	0.999
A317	43.55	13192.39	0.00	15.07	8144.73	5074.95	13219.68	13.22	5366.49	0.999
A318	43.55	0.00	0.00	11.29	25.97	4.98	30.95	0.08	81.67	0.711
A319	43.55	24.96	0.00	11.43	41.33	14.44	55.78	0.17	145.79	0.814
A320	43.55	55.78	0.00	11.55	60.30	26.17	86.47	0.27	178.07	0.871
A321	43.55	449.51	0.00	12.73	302.65	176.25	478.89	1.48	818.94	0.971
A322	43.55	48.78	0.00	11.45	56.00	23.59	79.59	0.25	214.50	0.862
A323	43.55	500.28	0.00	12.63	333.92	195.92	529.84	1.43	905.05	0.974
A324	43.55	596.07	0.00	13.03	392.86	232.41	625.28	1.50	795.52	0.978
A325	43.55	628.52	0.00	12.75	412.79	245.14	657.93	2.17	1096.89	0.979
A326	43.55	511.92	0.00	12.64	341.03	200.38	541.42	1.57	812.18	0.975
EX01	43.55	34.31	0.00	2.21	70.65	3.69	74.34	0.16	190.58	0.955
EX02	43.55	0.00	0.00	2.20	38.97	1.06	40.03	0.07	96.81	0.919
U201	43.55	0.00	0.00	32.12	0.00	10.19	10.19	0.71	95.11	0.234
U202	43.55	0.00	0.00	28.77	0.00	13.57	13.57	0.19	92.12	0.312

****
Node Depth Summary
****

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
J1	JUNCTION	0.04	0.06	347.51	0 03:40	0.06
OF_U202	OUTFALL	0.00	0.00	0.00	0 00:00	0.00
OF_U203	OUTFALL	0.00	0.00	345.00	0 00:00	0.00
OF3	OUTFALL	0.04	0.06	346.51	0 03:40	0.06
Wet-Pond	STORAGE	0.93	1.72	349.22	0 03:39	1.72

****
Node Inflow Summary
****

Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent
J1	JUNCTION	0.00	189.91	0 03:39	0	16.4	0.031
OF_U202	OUTFALL	92.12	92.12	0 01:13	0.19	0.19	0.000
OF_U203	OUTFALL	95.11	95.11	0 02:03	0.707	0.707	0.000
OF3	OUTFALL	0.00	189.91	0 03:40	0	16.4	0.000
Wet-Pond	STORAGE	7218.25	7218.25	0 01:20	19	19	0.001

****
Node Surcharge Summary
****

No nodes were surcharged.

****
Node Flooding Summary
****

No nodes were flooded.

****
Storage Volume Summary
****

Storage Unit	Average Volume 1000 m3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow LPS
Wet-Pond	8.716	32	0	0	17.315	64	0 03:39	189.91

****
Outfall Loading Summary
****

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
OF_U202	4.33	25.41	92.12	0.190
OF_U203	8.31	49.23	95.11	0.707
OF3	98.69	96.37	189.91	16.435
System	37.11	171.01	273.78	17.332

****
Link Flow Summary
****

Link	Type	Maximum |Flow| LPS	Time of Max Occurrence days hr:min	Maximum |Veloc| m/sec	Max/ Full Flow	Max/ Full Depth
C2	CONDUIT	189.91	0 03:40	1.00	0.21	0.40
OR1	ORIFICE	60.80	0 03:39			1.00
OR2	ORIFICE	129.12	0 03:39			1.00
W1	WEIR	0.00	0 00:00			0.00

****
Flow Classification Summary
****

Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C2	1.00	0.00	0.00	0.00	0.02	0.98	0.00	0.00	0.92	0.00

****
Conduit Surcharge Summary
****

No conduits were surcharged.

Analysis begun on: Thu Apr 17 09:37:43 2025
Analysis ended on: Thu Apr 17 09:37:44 2025
Total elapsed time: 00:00:01

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)

WARNING 01: wet weather time step reduced to recording interval for Rain Gage Industrial_Subdivision

****
Element Count
****
Number of rain gages 1
Number of subcatchments ... 55
Number of nodes 5
Number of links 4
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
Industrial_Subdivision	25Year	INTENSITY	1 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
A201a	6.11	396.24	100.00	0.5000	Industrial_Subdivision	A310
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A204a	1.87	179.53	100.00	0.5000	Industrial_Subdivision	A308
A204b	0.80	80.00	100.00	0.5000	Industrial_Subdivision	A204a
A205a	1.87	179.29	100.00	0.5000	Industrial_Subdivision	A321
A205b	0.80	80.00	100.00	0.5000	Industrial_Subdivision	A205a
A206a	1.76	172.36	100.00	0.5000	Industrial_Subdivision	A316
A206b	0.75	75.00	100.00	0.5000	Industrial_Subdivision	A206a
A207a	1.74	145.56	100.00	0.5000	Industrial_Subdivision	A316
A207b	0.75	149.40	100.00	0.5000	Industrial_Subdivision	A207a
A208a	1.67	182.21	100.00	0.5000	Industrial_Subdivision	A312
A208b	0.69	69.30	100.00	0.5000	Industrial_Subdivision	A208a
A209a	1.82	245.95	100.00	0.5000	Industrial_Subdivision	A323
A209b	0.78	78.00	100.00	0.5000	Industrial_Subdivision	A209a
A210a	2.35	132.28	100.00	0.5000	Industrial_Subdivision	Wet-Pond
A210b	1.01	101.00	100.00	0.5000	Industrial_Subdivision	A210a
A211	1.51	503.33	100.00	0.5000	Industrial_Subdivision	Wet-Pond
A212a	2.22	343.33	100.00	0.5000	Industrial_Subdivision	A305
A212b	0.95	95.00	100.00	0.5000	Industrial_Subdivision	A212a
A213a	0.95	95.00	100.00	0.5000	Industrial_Subdivision	A325
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A302	0.21	70.00	61.54	0.7000	Industrial_Subdivision	A303
A303	0.12	40.00	61.54	0.7000	Industrial_Subdivision	A304
A304	0.07	23.33	61.54	0.7000	Industrial_Subdivision	A305
A305	0.27	90.00	61.54	0.7000	Industrial_Subdivision	A306
A306	0.32	106.67	61.54	0.7000	Industrial_Subdivision	A307
A307	0.27	90.00	61.54	0.7000	Industrial_Subdivision	A308
A308	0.32	106.67	61.54	0.7000	Industrial_Subdivision	A309
A309	0.11	36.67	61.54	0.7000	Industrial_Subdivision	A310
A310	0.10	33.33	61.54	0.7000	Industrial_Subdivision	A314
A311	0.62	206.67	61.54	0.7000	Industrial_Subdivision	A312
A312	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A313
A313	0.19	63.33	61.54	0.7000	Industrial_Subdivision	A310
A314	0.17	56.67	61.54	0.7000	Industrial_Subdivision	A315
A315	0.21	70.00	61.54	0.7000	Industrial_Subdivision	A316
A316	0.10	33.33	61.54	0.7000	Industrial_Subdivision	A317
A317	0.10	33.33	61.54	0.7000	Industrial_Subdivision	A211
A318	0.25	83.33	61.54	0.7000	Industrial_Subdivision	A319
A319	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A320
A320	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A321
A321	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A326
A322	0.32	106.67	61.54	0.7000	Industrial_Subdivision	A323
A323	0.27	90.00	61.54	0.7000	Industrial_Subdivision	A324
A324	0.24	24.00	61.54	0.7000	Industrial_Subdivision	A325
A325	0.33	110.00	61.54	0.7000	Industrial_Subdivision	A211
A326	0.29	96.67	61.54	0.7000	Industrial_Subdivision	A211
EX01	0.21	140.00	92.31	2.0000	Industrial_Subdivision	A322
EX02	0.18	120.00	92.31	2.0000	Industrial_Subdivision	EX01
U201	6.94	433.75	0.00	1.8000	Industrial_Subdivision	OF_U203
U202	1.40	933.33	0.00	27.0000	Industrial_Subdivision	OF_U202

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
J1	JUNCTION	347.45	2.55	0.0	
OF_U202	OUTFALL	0.00	0.00	0.0	
OF_U203	OUTFALL	345.00	0.00	0.0	
OF3	OUTFALL	346.45	0.15	0.0	
Wet-Pond	STORAGE	347.50	2.49	0.0	

****
Link Summary
****

Name	From Node	To Node	Type	Length	%Slope	Roughness
C2	J1	OF3	CONDUIT	126.0	0.7937	0.0130
OR1	Wet-Pond	J1	ORIFICE			

OR2	Wet-Pond	J1	ORIFICE
W1	Wet-Pond	J1	WEIR

****
Cross Section Summary
****

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
C2	TRAPEZOIDAL	0.15	0.52	0.13	3.90	1	915.07

****
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
****

****
Analysis Options
****
Flow Units ..... LPS
Process Models:
  Rainfall/Runoff ..... YES
  RDII ..... NO
  Snowmelt ..... NO
  Groundwater ..... NO
  Flow Routing ..... YES
  Ponding Allowed ..... NO
  Water Quality ..... NO
Infiltration Method ..... CURVE_NUMBER
Flow Routing Method ..... DYNWAVE
Surcharge Method ..... EXTRAN
Starting Date 10/10/2024 00:00:00
Ending Date 10/12/2024 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:01:00
Dry Time Step 00:05:00
Routing Time Step ..... 5.00 sec
Variable Time Step ..... YES
Maximum Trials 8
Number of Threads 1
Head Tolerance ..... 0.001500 m

********** Runoff Quantity Continuity **********	Volume hectare-m	Depth mm
Total Precipitation	2.828	51.073
Evaporation Loss	0.000	0.000
Infiltration Loss	0.374	6.753
Surface Runoff	2.379	42.960
Final Storage	0.079	1.421
Continuity Error (%)	-0.118	

********** Flow Routing Continuity **********	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	2.379	23.786
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	2.045	20.451
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.334	3.340
Continuity Error (%)	-0.022	

****
Time-Step Critical Elements
****
None

****
Highest Flow Instability Indexes
****
All links are stable.

****
Routing Time Step Summary
****
Minimum Time Step : 4.50 sec
Average Time Step : 5.00 sec
Maximum Time Step : 5.00 sec
Percent in Steady State : 0.00
Average Iterations per Step : 2.00
Percent Not Converging : 0.00
Time Step Frequencies :
    5.000 - 3.155 sec : 100.00 %
    3.155 - 1.991 sec : 0.00 %
    1.991 - 1.256 sec : 0.00 %
    1.256 - 0.792 sec : 0.00 %
    0.792 - 0.500 sec : 0.00 %

****
Subcatchment Runoff Summary
****

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff LPS	Runoff Coeff
A201a	51.07	21.30	0.00	0.00	70.97	0.00	70.97	4.34	2301.99	0.981
A201b	51.07	0.00	0.00	0.00	49.68	0.00	49.68	1.30	922.77	0.973
A202a	51.07	21.27	0.00	0.00	70.94	0.00	70.94	2.17	1244.05	0.981
A202b	51.07	0.00	0.00	0.00	49.68	0.00	49.68	0.65	461.39	0.973
A203a	51.07	21.30	0.00	0.00	70.97	0.00	70.97	1.24	760.72	0.981
A203b	51.07	0.00	0.00	0.00	49.70	0.00	49.70	0.37	348.22	0.973
A204a	51.07	21.25	0.00	0.00	70.93	0.00	70.93	1.33	807.87	0.981
A204b	51.07	0.00	0.00	0.00	49.68	0.00	49.68	0.40	281.76	0.973
A205a	51.07	21.25	0.00	0.00	70.93	0.00	70.93	1.33	807.53	0.981
A205b	51.07	0.00	0.00	0.00	49.68	0.00	49.68	0.40	281.76	0.973
A206a	51.07	21.17	0.00	0.00	70.85	0.00	70.85	1.25	764.44	0.981
A206b	51.07	0.00	0.00	0.00	49.68	0.00	49.68	0.37	264.15	0.973
A207a	51.07	21.30	0.00	0.00	70.97	0.00	70.97	1.24	762.70	0.981
A207b	51.07	0.00	0.00	0.00	49.70	0.00	49.70	0.37	346.83	0.973
A208a	51.07	20.56	0.00	0.00	70.24	0.00	70.24	1.18	745.95	0.981
A208b	51.07	0.00	0.00	0.00	49.68	0.00	49.68	0.34	244.08	0.973
A209a	51.07	21.29	0.00	0.00	70.97	0.00	70.97	1.29	865.75	0.981
A209b	51.07	0.00	0.00	0.00	49.68	0.00	49.68	0.39	274.72	0.973
A210a	51.07	21.35	0.00	0.00	71.01	0.00	71.01	1.67	847.10	0.981
A210b	51.07	0.00	0.00	0.00	49.68	0.00	49.68	0.50	355.73	0.973
A211	51.07	1329.11	0.00	0.00	1378.91	0.00	1378.91	20.82	8174.89	0.999
A212a	51.07	21.26	0.00	0.00	70.95	0.00	70.95	1.58	1107.07	0.981
A212b	51.07	0.00	0.00	0.00	49.68	0.00	49.68	0.47	334.59	0.973
A213a	51.07	21.45	0.00	0.00	71.14	0.00	71.14	0.68	460.57	0.981
A213b	51.07	0.00	0.00	0.00	49.71	0.00	49.71	0.20	222.48	0.973
A301	51.07	0.00	0.00	12.27	30.61	6.89	37.50	0.08	82.23	0.734
A302	51.07	37.50	0.00	12.44	53.69	21.16	74.85	0.16	129.26	0.845
A303	51.07	1939.91	0.00	15.23	1224.60	749.65	1974.25	2.37	1341.84	0.992
A304	51.07	3384.43	0.00	15.44	2113.59	1305.14	3418.73	2.39	1330.77	0.995
A305	51.07	1469.67	0.00	14.48	935.14	569.76	1504.90	4.06	2202.08	0.990
A306	51.07	1657.89	0.00	14.47	1050.97	642.16	1693.13	5.42	2846.61	0.991
A307	51.07	2006.67	0.00	14.42	1265.61	776.43	2042.04	5.51	2835.96	0.992
A308	51.07	2137.45	0.00	14.50	1346.08	826.57	2172.65	6.95	3388.83	0.993
A309	51.07	6320.45	0.00	15.09	3920.36	2434.87	6355.22	6.99	3385.44	0.997
A310	51.07	12915.62	0.00	17.36	7979.05	4968.95	12947.99	12.95	5695.79	0.999
A311	51.07	0.00	0.00	12.27	30.61	6.89	37.50	0.23	242.76	0.734
A312	51.07	454.32	0.00	13.58	310.26	180.18	490.44	1.52	919.28	0.970
A313	51.07	800.18	0.00	13.74	523.11	313.06	836.17	1.59	903.12	0.982
A314	51.07	7616.47	0.00	15.99	4717.93	2932.20	7650.13	13.01	5702.06	0.998
A315	51.07	6192.96	0.00	15.47	3841.90	2385.43	6227.33	13.08	5708.18	0.997
A316	51.07	15561.35	0.00	16.49	9607.19	5987.35	15594.54	15.59	6442.91	0.999
A317	51.07	15594.54	0.00	16.10	9627.64	6000.77	15628.41	15.63	6448.52	0.999
A318	51.07	0.00	0.00	12.27	30.61	6.89	37.50	0.09	97.89	0.734
A319	51.07	30.24	0.00	12.42	49.22	18.39	67.61	0.21	177.39	0.831
A320	51.07	67.61	0.00	12.54	72.21	32.63	104.85	0.33	218.66	0.883
A321	51.07	532.70	0.00	13.73	358.49	210.14	568.63	1.76	1005.85	0.974
A322	51.07	57.73	0.00	12.43	66.15	28.95	95.10	0.30	258.25	0.874
A323	51.07	591.13	0.00	13.62	394.47	232.77	627.24	1.69	1103.03	0.977
A324	51.07	705.65	0.00	14.02	464.96	276.46	741.42	1.78	979.30	0.980
A325	51.07	744.00	0.00	13.75	488.50	291.46	779.97	2.57	1343.38	0.981
A326	51.07	607.85	0.00	13.64	404.71	239.18	643.89	1.87	1000.33	0.977
EX01	51.07	40.61	0.00	2.40	83.41	4.56	87.97	0.18	225.27	0.960
EX02	51.07	0.00	0.00	2.39	45.92	1.46	47.37	0.09	114.46	0.928
U201	51.07	0.00	0.00	34.92	0.00	14.91	14.91	1.03	144.20	0.292
U202	51.07	0.00	0.00	31.27	0.00	18.61	18.61	0.26	167.62	0.364

****
Node Depth Summary
****

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days	hr:min	Reported Max Depth Meters
J1	JUNCTION	0.04	0.07	347.52	0	03:37	0.07
OF_U202	OUTFALL	0.00	0.00	0.00	0	00:00	0.00
OF_U203	OUTFALL	0.00	0.00	345.00	0	00:00	0.00
OF3	OUTFALL	0.04	0.07	346.52	0	03:38	0.07
Wet-Pond	STORAGE	1.08	1.98	349.48	0	03:37	1.98

****
Node Inflow Summary
****

Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days	hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent
J1	JUNCTION	0.00	225.29	0	03:37	0	19.2	0.029
OF_U202	OUTFALL	167.62	167.62	0	01:11	0.261	0.261	0.000
OF_U203	OUTFALL	144.20	144.20	0	01:49	1.03	1.03	0.000
OF3	OUTFALL	0.00	225.29	0	03:38	0	19.2	0.000
Wet-Pond	STORAGE	8703.91	8703.91	0	01:19	22.5	22.5	0.001

****
Node Surcharge Summary
****

No nodes were surcharged.

****
Node Flooding Summary
****

No nodes were flooded.

****
Storage Volume Summary
****

Storage Unit	Average Volume 1000 m3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow LPS
Wet-Pond	10.256	38	0	0	20.453	76	0 03:37	225.29

****
Outfall Loading Summary
****

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
OF_U202	4.38	34.40	167.62	0.261
OF_U203	8.60	69.60	144.20	1.035
OF3	98.80	112.20	225.29	19.156
System	37.26	216.20	346.90	20.451

****
Link Flow Summary
****

Link	Type	|Flow| Maximum LPS	Time of Max Occurrence days hr:min	|Veloc| Maximum m/sec	Max/ Full Flow	Max/ Full Depth
C2	CONDUIT	225.29	0 03:38	1.07	0.25	0.44
OR1	ORIFICE	86.26	0 03:37			1.00
OR2	ORIFICE	139.02	0 03:37			1.00
W1	WEIR	0.00	0 00:00			0.00

****
Flow Classification Summary
****

Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C2	1.00	0.00	0.00	0.00	0.02	0.98	0.00	0.00	0.92	0.00

****
Conduit Surcharge Summary
****

No conduits were surcharged.

Analysis begun on: Thu Apr 17 09:38:20 2025
Analysis ended on: Thu Apr 17 09:38:21 2025
Total elapsed time: 00:00:01

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)

WARNING 01: wet weather time step reduced to recording interval for Rain Gage Industrial_Subdivision

****
Element Count
****
Number of rain gages 1
Number of subcatchments ... 55
Number of nodes 5
Number of links 4
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
Industrial_Subdivision	50Year	INTENSITY	1 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
A201a	6.11	396.24	100.00	0.5000	Industrial_Subdivision	A310
A201b	2.62	262.00	100.00	0.5000	Industrial_Subdivision	A201a
A202a	3.06	244.51	100.00	0.5000	Industrial_Subdivision	A303
A202b	1.31	131.00	100.00	0.5000	Industrial_Subdivision	A202a
A203a	1.75	143.38	100.00	0.5000	Industrial_Subdivision	A306
A203b	0.75	150.00	100.00	0.5000	Industrial_Subdivision	A203a
A204a	1.87	179.53	100.00	0.5000	Industrial_Subdivision	A308
A204b	0.80	80.00	100.00	0.5000	Industrial_Subdivision	A204a
A205a	1.87	179.29	100.00	0.5000	Industrial_Subdivision	A321
A205b	0.80	80.00	100.00	0.5000	Industrial_Subdivision	A205a
A206a	1.76	172.36	100.00	0.5000	Industrial_Subdivision	A316
A206b	0.75	75.00	100.00	0.5000	Industrial_Subdivision	A206a
A207a	1.74	145.56	100.00	0.5000	Industrial_Subdivision	A316
A207b	0.75	149.40	100.00	0.5000	Industrial_Subdivision	A207a
A208a	1.67	182.21	100.00	0.5000	Industrial_Subdivision	A312
A208b	0.69	69.30	100.00	0.5000	Industrial_Subdivision	A208a
A209a	1.82	245.95	100.00	0.5000	Industrial_Subdivision	A323
A209b	0.78	78.00	100.00	0.5000	Industrial_Subdivision	A209a
A210a	2.35	132.28	100.00	0.5000	Industrial_Subdivision	Wet-Pond
A210b	1.01	101.00	100.00	0.5000	Industrial_Subdivision	A210a
A211	1.51	503.33	100.00	0.5000	Industrial_Subdivision	Wet-Pond
A212a	2.22	343.33	100.00	0.5000	Industrial_Subdivision	A305
A212b	0.95	95.00	100.00	0.5000	Industrial_Subdivision	A212a
A213a	0.95	95.00	100.00	0.5000	Industrial_Subdivision	A325
A213b	0.41	136.67	100.00	0.5000	Industrial_Subdivision	A213a
A301	0.21	70.00	61.54	0.7000	Industrial_Subdivision	A302
A302	0.21	70.00	61.54	0.7000	Industrial_Subdivision	A303
A303	0.12	40.00	61.54	0.7000	Industrial_Subdivision	A304
A304	0.07	23.33	61.54	0.7000	Industrial_Subdivision	A305
A305	0.27	90.00	61.54	0.7000	Industrial_Subdivision	A306
A306	0.32	106.67	61.54	0.7000	Industrial_Subdivision	A307
A307	0.27	90.00	61.54	0.7000	Industrial_Subdivision	A308
A308	0.32	106.67	61.54	0.7000	Industrial_Subdivision	A309
A309	0.11	36.67	61.54	0.7000	Industrial_Subdivision	A310
A310	0.10	33.33	61.54	0.7000	Industrial_Subdivision	A314
A311	0.62	206.67	61.54	0.7000	Industrial_Subdivision	A312
A312	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A313
A313	0.19	63.33	61.54	0.7000	Industrial_Subdivision	A310
A314	0.17	56.67	61.54	0.7000	Industrial_Subdivision	A315
A315	0.21	70.00	61.54	0.7000	Industrial_Subdivision	A316
A316	0.10	33.33	61.54	0.7000	Industrial_Subdivision	A317
A317	0.10	33.33	61.54	0.7000	Industrial_Subdivision	A211
A318	0.25	83.33	61.54	0.7000	Industrial_Subdivision	A319
A319	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A320
A320	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A321
A321	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A326
A322	0.32	106.67	61.54	0.7000	Industrial_Subdivision	A323
A323	0.27	90.00	61.54	0.7000	Industrial_Subdivision	A324
A324	0.24	24.00	61.54	0.7000	Industrial_Subdivision	A325
A325	0.33	110.00	61.54	0.7000	Industrial_Subdivision	A211
A326	0.29	96.67	61.54	0.7000	Industrial_Subdivision	A211
EX01	0.21	140.00	92.31	2.0000	Industrial_Subdivision	A322
EX02	0.18	120.00	92.31	2.0000	Industrial_Subdivision	EX01
U201	6.94	433.75	0.00	1.8000	Industrial_Subdivision	OF_U203
U202	1.40	933.33	0.00	27.0000	Industrial_Subdivision	OF_U202

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
J1	JUNCTION	347.45	2.55	0.0	
OF_U202	OUTFALL	0.00	0.00	0.0	
OF_U203	OUTFALL	345.00	0.00	0.0	
OF3	OUTFALL	346.45	0.15	0.0	
Wet-Pond	STORAGE	347.50	2.49	0.0	

****
Link Summary
****

Name	From Node	To Node	Type	Length	%Slope	Roughness
C2	J1	OF3	CONDUIT	126.0	0.7937	0.0130
OR1	Wet-Pond	J1	ORIFICE			

OR2	Wet-Pond	J1	ORIFICE
W1	Wet-Pond	J1	WEIR

****
Cross Section Summary
****

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
C2	TRAPEZOIDAL	0.15	0.52	0.13	3.90	1	915.07

****
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
****

****
Analysis Options
****
Flow Units ..... LPS
Process Models:
  Rainfall/Runoff ..... YES
  RDII ..... NO
  Snowmelt ..... NO
  Groundwater ..... NO
  Flow Routing ..... YES
  Ponding Allowed ..... NO
  Water Quality ..... NO
Infiltration Method ..... CURVE_NUMBER
Flow Routing Method ..... DYNWAVE
Surcharge Method ..... EXTRAN
Starting Date 10/10/2024 00:00:00
Ending Date 10/12/2024 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:01:00
Dry Time Step 00:05:00
Routing Time Step ..... 5.00 sec
Variable Time Step ..... YES
Maximum Trials 8
Number of Threads 1
Head Tolerance ..... 0.001500 m

********** Runoff Quantity Continuity **********	Volume hectare-m	Depth mm
Total Precipitation	3.089	55.788
Evaporation Loss	0.000	0.000
Infiltration Loss	0.390	7.051
Surface Runoff	2.623	47.380
Final Storage	0.079	1.420
Continuity Error (%)	-0.114	

********** Flow Routing Continuity **********	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	2.623	26.233
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	2.241	22.412
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.383	3.827
Continuity Error (%)	-0.020	

****
Time-Step Critical Elements
****
None

****
Highest Flow Instability Indexes
****
All links are stable.

****
Routing Time Step Summary
****
Minimum Time Step : 4.50 sec
Average Time Step : 5.00 sec
Maximum Time Step : 5.00 sec
Percent in Steady State : 0.00
Average Iterations per Step : 2.00
Percent Not Converging : 0.00
Time Step Frequencies :
5.000 - 3.155 sec : 100.00 %
3.155 - 1.991 sec : 0.00 %
1.991 - 1.256 sec : 0.00 %
1.256 - 0.792 sec : 0.00 %
0.792 - 0.500 sec : 0.00 %

****
Subcatchment Runoff Summary
****

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff LPS	Runoff Coeff
A201a	55.79	23.32	0.00	0.00	77.71	0.00	77.71	4.75	2516.21	0.982
A201b	55.79	0.00	0.00	0.00	54.39	0.00	54.39	1.43	999.52	0.975
A202a	55.79	23.29	0.00	0.00	77.67	0.00	77.67	2.38	1356.28	0.982
A202b	55.79	0.00	0.00	0.00	54.39	0.00	54.39	0.71	499.76	0.975
A203a	55.79	23.32	0.00	0.00	77.71	0.00	77.71	1.36	828.31	0.982
A203b	55.79	0.00	0.00	0.00	54.41	0.00	54.41	0.41	373.65	0.975
A204a	55.79	23.27	0.00	0.00	77.66	0.00	77.66	1.45	878.56	0.982
A204b	55.79	0.00	0.00	0.00	54.39	0.00	54.39	0.44	305.20	0.975
A205a	55.79	23.27	0.00	0.00	77.66	0.00	77.66	1.45	878.21	0.982
A205b	55.79	0.00	0.00	0.00	54.39	0.00	54.39	0.44	305.20	0.975
A206a	55.79	23.18	0.00	0.00	77.57	0.00	77.57	1.37	831.10	0.982
A206b	55.79	0.00	0.00	0.00	54.39	0.00	54.39	0.41	286.12	0.975
A207a	55.79	23.32	0.00	0.00	77.71	0.00	77.71	1.35	830.25	0.982
A207b	55.79	0.00	0.00	0.00	54.41	0.00	54.41	0.41	372.16	0.975
A208a	55.79	22.52	0.00	0.00	76.91	0.00	76.91	1.29	809.80	0.982
A208b	55.79	0.00	0.00	0.00	54.39	0.00	54.39	0.38	264.38	0.975
A209a	55.79	23.31	0.00	0.00	77.71	0.00	77.71	1.41	937.41	0.982
A209b	55.79	0.00	0.00	0.00	54.39	0.00	54.39	0.42	297.57	0.975
A210a	55.79	23.38	0.00	0.00	77.76	0.00	77.76	1.83	926.72	0.982
A210b	55.79	0.00	0.00	0.00	54.39	0.00	54.39	0.55	385.31	0.975
A211	55.79	1458.44	0.00	0.00	1512.96	0.00	1512.96	22.85	8951.11	0.999
A212a	55.79	23.28	0.00	0.00	77.68	0.00	77.68	1.72	1197.58	0.983
A212b	55.79	0.00	0.00	0.00	54.39	0.00	54.39	0.52	362.42	0.975
A213a	55.79	23.49	0.00	0.00	77.89	0.00	77.89	0.74	499.64	0.982
A213b	55.79	0.00	0.00	0.00	54.43	0.00	54.43	0.22	237.15	0.976
A301	55.79	0.00	0.00	12.83	33.51	8.16	41.66	0.09	88.14	0.747
A302	55.79	41.66	0.00	12.99	59.16	24.02	83.18	0.17	139.76	0.854
A303	55.79	2126.25	0.00	15.81	1342.18	822.56	2164.74	2.60	1467.55	0.992
A304	55.79	3710.99	0.00	16.02	2317.45	1431.99	3749.44	2.62	1453.29	0.995
A305	55.79	1610.79	0.00	15.05	1024.89	625.28	1650.18	4.46	2405.52	0.990
A306	55.79	1817.32	0.00	15.03	1151.99	704.73	1856.72	5.94	3108.88	0.991
A307	55.79	2200.55	0.00	14.99	1387.83	852.24	2240.07	6.05	3103.80	0.993
A308	55.79	2343.90	0.00	15.08	1476.04	907.22	2383.26	7.63	3706.75	0.993
A309	55.79	6933.12	0.00	15.66	4300.30	2671.76	6972.06	7.67	3705.90	0.998
A310	55.79	14164.17	0.00	17.96	8750.30	5450.39	14200.69	14.20	6225.04	0.999
A311	55.79	0.00	0.00	12.83	33.51	8.16	41.66	0.26	260.22	0.747
A312	55.79	498.66	0.00	14.14	340.45	198.49	538.94	1.67	1003.82	0.972
A313	55.79	879.32	0.00	14.30	574.72	344.75	919.47	1.75	991.13	0.983
A314	55.79	8353.35	0.00	16.58	5174.31	3216.85	8391.16	14.27	6233.97	0.998
A315	55.79	6792.84	0.00	16.06	4213.97	2617.39	6831.36	14.35	6243.25	0.997
A316	55.79	17065.65	0.00	17.08	10535.86	6567.17	17103.03	17.10	7046.48	0.999
A317	55.79	17103.03	0.00	16.70	10558.86	6582.20	17141.06	17.14	7051.08	0.999
A318	55.79	0.00	0.00	12.83	33.51	8.16	41.66	0.10	104.93	0.747
A319	55.79	33.60	0.00	12.97	54.19	20.94	75.13	0.23	191.74	0.840
A320	55.79	75.13	0.00	13.09	79.75	36.79	116.54	0.36	239.05	0.890
A321	55.79	585.02	0.00	14.29	393.59	231.52	625.10	1.94	1102.52	0.975
A322	55.79	63.35	0.00	12.98	72.51	32.37	104.88	0.34	279.03	0.880
A323	55.79	648.15	0.00	14.19	432.47	255.95	688.42	1.86	1201.17	0.978
A324	55.79	774.47	0.00	14.59	510.23	304.18	814.41	1.95	1074.50	0.981
A325	55.79	816.53	0.00	14.31	536.04	320.61	856.65	2.83	1472.53	0.982
A326	55.79	668.21	0.00	14.20	444.76	263.65	708.42	2.05	1098.91	0.978
EX01	55.79	44.55	0.00	2.51	91.41	5.12	96.53	0.20	239.60	0.962
EX02	55.79	0.00	0.00	2.50	50.27	1.71	51.98	0.09	121.14	0.932
U201	55.79	0.00	0.00	36.49	0.00	18.06	18.06	1.25	179.95	0.324
U202	55.79	0.00	0.00	32.69	0.00	21.92	21.92	0.31	223.31	0.393

****
Node Depth Summary
****

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
J1	JUNCTION	0.04	0.07	347.52	0 03:37	0.07
OF_U202	OUTFALL	0.00	0.00	0.00	0 00:00	0.00
OF_U203	OUTFALL	0.00	0.00	345.00	0 00:00	0.00
OF3	OUTFALL	0.04	0.07	346.52	0 03:37	0.07
Wet-Pond	STORAGE	1.16	2.14	349.64	0 03:36	2.14

****
Node Inflow Summary
****

Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent
J1	JUNCTION	0.00	243.57	0 03:36	0	20.9	0.028
OF_U202	OUTFALL	223.31	223.31	0 01:11	0.307	0.307	0.000
OF_U203	OUTFALL	179.95	179.95	0 01:44	1.25	1.25	0.000
OF3	OUTFALL	0.00	243.57	0 03:37	0	20.9	0.000
Wet-Pond	STORAGE	9537.90	9537.90	0 01:19	24.7	24.7	0.002

****
Node Surcharge Summary
****

No nodes were surcharged.

****
Node Flooding Summary
****

No nodes were flooded.

****
Storage Volume Summary
****

Storage Unit	Average Volume 1000 m3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow LPS
Wet-Pond	11.237	41	0	0	22.454	83	0 03:36	243.57

****
Outfall Loading Summary
****

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
OF_U202	4.40	40.38	223.31	0.307
OF_U203	8.73	83.10	179.95	1.253
OF3	98.87	122.05	243.57	20.852
System	37.33	245.53	398.00	22.412

****
Link Flow Summary
****

Link	Type	Maximum |Flow| LPS	Time of Max Occurrence days hr:min	Maximum |Veloc| m/sec	Max/ Full Flow	Max/ Full Depth
C2	CONDUIT	243.57	0 03:37	1.10	0.27	0.46
OR1	ORIFICE	98.77	0 03:36			1.00
OR2	ORIFICE	144.81	0 03:36			1.00
W1	WEIR	0.00	0 00:00			0.00

****
Flow Classification Summary
****

Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C2	1.00	0.00	0.00	0.00	0.02	0.98	0.00	0.00	0.92	0.00

****
Conduit Surcharge Summary
****

No conduits were surcharged.

Analysis begun on: Thu Apr 17 09:38:57 2025
Analysis ended on: Thu Apr 17 09:38:58 2025
Total elapsed time: 00:00:01

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)

WARNING 01: wet weather time step reduced to recording interval for Rain Gage Industrial_Subdivision

****
Element Count
****
Number of rain gages 1
Number of subcatchments ... 55
Number of nodes 5
Number of links 4
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
Industrial_Subdivision	100Year	INTENSITY	1 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
A201a	6.11	396.24	100.00	0.5000	Industrial_Subdivision	A310
A201b	2.62	262.00	100.00	0.5000	Industrial_Subdivision	A201a
A202a	3.06	244.51	100.00	0.5000	Industrial_Subdivision	A303
A202b	1.31	131.00	100.00	0.5000	Industrial_Subdivision	A202a
A203a	1.75	143.38	100.00	0.5000	Industrial_Subdivision	A306
A203b	0.75	150.00	100.00	0.5000	Industrial_Subdivision	A203a
A204a	1.87	179.53	100.00	0.5000	Industrial_Subdivision	A308
A204b	0.80	80.00	100.00	0.5000	Industrial_Subdivision	A204a
A205a	1.87	179.29	100.00	0.5000	Industrial_Subdivision	A321
A205b	0.80	80.00	100.00	0.5000	Industrial_Subdivision	A205a
A206a	1.76	172.36	100.00	0.5000	Industrial_Subdivision	A316
A206b	0.75	75.00	100.00	0.5000	Industrial_Subdivision	A206a
A207a	1.74	145.56	100.00	0.5000	Industrial_Subdivision	A316
A207b	0.75	149.40	100.00	0.5000	Industrial_Subdivision	A207a
A208a	1.67	182.21	100.00	0.5000	Industrial_Subdivision	A312
A208b	0.69	69.30	100.00	0.5000	Industrial_Subdivision	A208a
A209a	1.82	245.95	100.00	0.5000	Industrial_Subdivision	A323
A209b	0.78	78.00	100.00	0.5000	Industrial_Subdivision	A209a
A210a	2.35	132.28	100.00	0.5000	Industrial_Subdivision	Wet-Pond
A210b	1.01	101.00	100.00	0.5000	Industrial_Subdivision	A210a
A211	1.51	503.33	100.00	0.5000	Industrial_Subdivision	Wet-Pond
A212a	2.22	343.33	100.00	0.5000	Industrial_Subdivision	A305
A212b	0.95	95.00	100.00	0.5000	Industrial_Subdivision	A212a
A213a	0.95	95.00	100.00	0.5000	Industrial_Subdivision	A325
A213b	0.41	136.67	100.00	0.5000	Industrial_Subdivision	A213a
A301	0.21	70.00	61.54	0.7000	Industrial_Subdivision	A302
A302	0.21	70.00	61.54	0.7000	Industrial_Subdivision	A303
A303	0.12	40.00	61.54	0.7000	Industrial_Subdivision	A304
A304	0.07	23.33	61.54	0.7000	Industrial_Subdivision	A305
A305	0.27	90.00	61.54	0.7000	Industrial_Subdivision	A306
A306	0.32	106.67	61.54	0.7000	Industrial_Subdivision	A307
A307	0.27	90.00	61.54	0.7000	Industrial_Subdivision	A308
A308	0.32	106.67	61.54	0.7000	Industrial_Subdivision	A309
A309	0.11	36.67	61.54	0.7000	Industrial_Subdivision	A310
A310	0.10	33.33	61.54	0.7000	Industrial_Subdivision	A314
A311	0.62	206.67	61.54	0.7000	Industrial_Subdivision	A312
A312	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A313
A313	0.19	63.33	61.54	0.7000	Industrial_Subdivision	A310
A314	0.17	56.67	61.54	0.7000	Industrial_Subdivision	A315
A315	0.21	70.00	61.54	0.7000	Industrial_Subdivision	A316
A316	0.10	33.33	61.54	0.7000	Industrial_Subdivision	A317
A317	0.10	33.33	61.54	0.7000	Industrial_Subdivision	A211
A318	0.25	83.33	61.54	0.7000	Industrial_Subdivision	A319
A319	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A320
A320	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A321
A321	0.31	103.33	61.54	0.7000	Industrial_Subdivision	A326
A322	0.32	106.67	61.54	0.7000	Industrial_Subdivision	A323
A323	0.27	90.00	61.54	0.7000	Industrial_Subdivision	A324
A324	0.24	24.00	61.54	0.7000	Industrial_Subdivision	A325
A325	0.33	110.00	61.54	0.7000	Industrial_Subdivision	A211
A326	0.29	96.67	61.54	0.7000	Industrial_Subdivision	A211
EX01	0.21	140.00	92.31	2.0000	Industrial_Subdivision	A322
EX02	0.18	120.00	92.31	2.0000	Industrial_Subdivision	EX01
U201	6.94	433.75	0.00	1.8000	Industrial_Subdivision	OF_U203
U202	1.40	933.33	0.00	27.0000	Industrial_Subdivision	OF_U202

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
J1	JUNCTION	347.45	2.55	0.0	
OF_U202	OUTFALL	0.00	0.00	0.0	
OF_U203	OUTFALL	345.00	0.00	0.0	
OF3	OUTFALL	346.45	0.15	0.0	
Wet-Pond	STORAGE	347.50	2.49	0.0	

****
Link Summary
****

Name	From Node	To Node	Type	Length	%Slope	Roughness
C2	J1	OF3	CONDUIT	126.0	0.7937	0.0130
OR1	Wet-Pond	J1	ORIFICE			

OR2	Wet-Pond	J1	ORIFICE
W1	Wet-Pond	J1	WEIR

****
Cross Section Summary
****

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
C2	TRAPEZOIDAL	0.15	0.52	0.13	3.90	1	915.07

****
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
****

****
Analysis Options
****
Flow Units ..... LPS
Process Models:
  Rainfall/Runoff ..... YES
  RDII ..... NO
  Snowmelt ..... NO
  Groundwater ..... NO
  Flow Routing ..... YES
  Ponding Allowed ..... NO
  Water Quality ..... NO
Infiltration Method ..... CURVE_NUMBER
Flow Routing Method ..... DYNWAVE
Surcharge Method ..... EXTRAN
Starting Date 10/10/2024 00:00:00
Ending Date 10/12/2024 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:01:00
Dry Time Step 00:05:00
Routing Time Step ..... 5.00 sec
Variable Time Step ..... YES
Maximum Trials 8
Number of Threads 1
Head Tolerance ..... 0.001500 m

********** Runoff Quantity Continuity **********	Volume hectare-m	Depth mm
Total Precipitation	3.384	61.117
Evaporation Loss	0.000	0.000
Infiltration Loss	0.407	7.354
Surface Runoff	2.902	52.408
Final Storage	0.079	1.423
Continuity Error (%)	-0.112	

********** Flow Routing Continuity **********	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	2.902	29.017
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	2.464	24.635
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.439	4.387
Continuity Error (%)	-0.019	

****
Time-Step Critical Elements
****
None

****
Highest Flow Instability Indexes
****
All links are stable.

****
Routing Time Step Summary
****
Minimum Time Step : 4.50 sec
Average Time Step : 5.00 sec
Maximum Time Step : 5.00 sec
Percent in Steady State : 0.00
Average Iterations per Step : 2.00
Percent Not Converging : 0.00
Time Step Frequencies :
5.000 - 3.155 sec : 100.00 %
3.155 - 1.991 sec : 0.00 %
1.991 - 1.256 sec : 0.00 %
1.256 - 0.792 sec : 0.00 %
0.792 - 0.500 sec : 0.00 %

****
Subcatchment Runoff Summary
****

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff LPS	Runoff Coeff
A201a	61.12	25.61	0.00	0.00	85.33	0.00	85.33	5.21	2782.21	0.984
A201b	61.12	0.00	0.00	0.00	59.72	0.00	59.72	1.56	1097.80	0.977
A202a	61.12	25.57	0.00	0.00	85.29	0.00	85.29	2.61	1495.62	0.984
A202b	61.12	0.00	0.00	0.00	59.72	0.00	59.72	0.78	548.90	0.977
A203a	61.12	25.61	0.00	0.00	85.33	0.00	85.33	1.49	912.57	0.984
A203b	61.12	0.00	0.00	0.00	59.75	0.00	59.75	0.45	406.99	0.978
A204a	61.12	25.55	0.00	0.00	85.28	0.00	85.28	1.59	966.57	0.984
A204b	61.12	0.00	0.00	0.00	59.72	0.00	59.72	0.48	335.21	0.977
A205a	61.12	25.55	0.00	0.00	85.28	0.00	85.28	1.59	966.19	0.984
A205b	61.12	0.00	0.00	0.00	59.72	0.00	59.72	0.48	335.21	0.977
A206a	61.12	25.45	0.00	0.00	85.18	0.00	85.18	1.50	914.11	0.984
A206b	61.12	0.00	0.00	0.00	59.72	0.00	59.72	0.45	314.26	0.977
A207a	61.12	25.61	0.00	0.00	85.33	0.00	85.33	1.49	914.50	0.984
A207b	61.12	0.00	0.00	0.00	59.75	0.00	59.75	0.45	405.36	0.978
A208a	61.12	24.72	0.00	0.00	84.45	0.00	84.45	1.41	889.40	0.984
A208b	61.12	0.00	0.00	0.00	59.72	0.00	59.72	0.41	290.37	0.977
A209a	61.12	25.60	0.00	0.00	85.33	0.00	85.33	1.55	1028.18	0.984
A209b	61.12	0.00	0.00	0.00	59.72	0.00	59.72	0.47	326.83	0.977
A210a	61.12	25.67	0.00	0.00	85.38	0.00	85.38	2.01	1023.96	0.984
A210b	61.12	0.00	0.00	0.00	59.72	0.00	59.72	0.60	423.20	0.977
A211	61.12	1604.90	0.00	0.00	1664.77	0.00	1664.77	25.14	9870.06	0.999
A212a	61.12	25.56	0.00	0.00	85.30	0.00	85.30	1.89	1313.36	0.984
A212b	61.12	0.00	0.00	0.00	59.72	0.00	59.72	0.57	398.06	0.977
A213a	61.12	25.79	0.00	0.00	85.53	0.00	85.53	0.81	548.65	0.984
A213b	61.12	0.00	0.00	0.00	59.76	0.00	59.76	0.25	256.72	0.978
A301	61.12	0.00	0.00	13.40	36.79	9.63	46.42	0.10	96.24	0.760
A302	61.12	46.42	0.00	13.55	65.37	27.33	92.70	0.19	153.52	0.862
A303	61.12	2337.08	0.00	16.40	1475.21	905.13	2380.34	2.86	1623.52	0.993
A304	61.12	4080.58	0.00	16.61	2548.19	1575.63	4123.82	2.89	1606.69	0.996
A305	61.12	1770.46	0.00	15.64	1126.44	688.17	1814.61	4.90	2654.09	0.991
A306	61.12	1997.72	0.00	15.62	1266.29	775.59	2041.88	6.53	3427.13	0.992
A307	61.12	2420.00	0.00	15.58	1526.17	938.13	2464.30	6.65	3428.32	0.993
A308	61.12	2577.58	0.00	15.66	1623.13	998.57	2621.70	8.39	4089.15	0.994
A309	61.12	7626.77	0.00	16.25	4730.44	2940.04	7670.48	8.44	4091.14	0.998
A310	61.12	15577.44	0.00	18.56	9623.30	5995.44	15618.75	15.62	6854.72	0.999
A311	61.12	0.00	0.00	13.40	36.79	9.63	46.42	0.29	284.14	0.760
A312	61.12	548.89	0.00	14.72	374.65	219.29	593.94	1.84	1109.08	0.974
A313	61.12	969.06	0.00	14.88	633.23	380.74	1013.97	1.93	1100.33	0.984
A314	61.12	9187.50	0.00	17.18	5690.92	3539.15	9230.07	15.69	6866.63	0.998
A315	61.12	7471.96	0.00	16.66	4635.18	2880.07	7515.25	15.78	6879.48	0.998
A316	61.12	18768.43	0.00	17.68	11587.03	7223.57	18810.60	18.81	7765.58	0.999
A317	61.12	18810.60	0.00	17.29	11612.98	7240.45	18853.43	18.85	7771.74	0.999
A318	61.12	0.00	0.00	13.40	36.79	9.63	46.42	0.12	114.57	0.760
A319	61.12	37.44	0.00	13.54	59.84	23.89	83.73	0.26	210.55	0.850
A320	61.12	83.73	0.00	13.66	88.32	41.58	129.90	0.40	264.69	0.897
A321	61.12	644.30	0.00	14.87	433.36	255.79	689.15	2.14	1222.21	0.977
A322	61.12	69.71	0.00	13.55	79.71	36.30	116.01	0.37	305.48	0.887
A323	61.12	712.68	0.00	14.77	475.47	282.25	757.73	2.05	1323.47	0.979
A324	61.12	852.44	0.00	15.18	561.50	335.64	897.14	2.15	1190.78	0.982
A325	61.12	898.68	0.00	14.89	589.88	353.68	943.56	3.11	1628.89	0.983
A326	61.12	736.68	0.00	14.78	490.18	291.46	781.64	2.27	1219.08	0.980
EX01	61.12	49.03	0.00	2.62	100.46	5.76	106.22	0.22	258.73	0.964
EX02	61.12	0.00	0.00	2.61	55.19	2.00	57.20	0.10	130.06	0.936
U201	61.12	0.00	0.00	38.08	0.00	21.78	21.78	1.51	225.12	0.356
U202	61.12	0.00	0.00	34.14	0.00	25.79	25.79	0.36	286.42	0.422

****
Node Depth Summary
****

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
J1	JUNCTION	0.05	0.07	347.52	0 03:36	0.07
OF_U202	OUTFALL	0.00	0.00	0.00	0 00:00	0.00
OF_U203	OUTFALL	0.00	0.00	345.00	0 00:00	0.00
OF3	OUTFALL	0.05	0.07	346.52	0 03:36	0.07
Wet-Pond	STORAGE	1.26	2.31	349.81	0 03:36	2.31

****
Node Inflow Summary
****

Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent
J1	JUNCTION	0.00	262.04	0 03:36	0	22.8	0.027
OF_U202	OUTFALL	286.42	286.42	0 01:11	0.361	0.361	0.000
OF_U203	OUTFALL	225.12	225.12	0 01:40	1.51	1.51	0.000
OF3	OUTFALL	0.00	262.04	0 03:36	0	22.8	0.000
Wet-Pond	STORAGE	10526.41	10526.41	0 01:19	27.1	27.1	0.002

****
Node Surcharge Summary
****

No nodes were surcharged.

****
Node Flooding Summary
****

No nodes were flooded.

****
Storage Volume Summary
****

Storage Unit	Average Volume 1000 m3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow LPS
Wet-Pond	12.371	46	0	0	24.739	91	0 03:36	262.04

****
Outfall Loading Summary
****

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
OF_U202	4.44	47.04	286.42	0.361
OF_U203	8.88	98.46	225.12	1.511
OF3	98.93	133.16	262.04	22.763
System	37.42	278.65	460.45	24.635

****
Link Flow Summary
****

Link	Type	|Flow| Maximum LPS	Time of Max Occurrence days hr:min	|Veloc| Maximum m/sec	Max/ Full Flow	Max/ Full Depth
C2	CONDUIT	262.04	0 03:36	1.13	0.29	0.48
OR1	ORIFICE	111.05	0 03:36			1.00
OR2	ORIFICE	150.99	0 03:36			1.00
W1	WEIR	0.00	0 00:00			0.00

****
Flow Classification Summary
****

Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
C2	1.00	0.00	0.00	0.00	0.01	0.98	0.00	0.00	0.92	0.00

****
Conduit Surcharge Summary
****

No conduits were surcharged.

Analysis begun on: Thu Apr 17 09:39:34 2025
Analysis ended on: Thu Apr 17 09:39:34 2025
Total elapsed time: < 1 sec

APPENDIX E

Water Balance Calculations
Wetland Water Balance Calculations
Monthly Infiltration Calculations

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Water Balance Calculations

DATE:	April 17, 2025
JOB N0.:	SBM-23-2603
Client:	**1000525725 Ontario Inc.**
Project:	**Proposed Industrial Subdivision**
Location:	**1665 Scotch Line Road, Elmira, ON.**

PRE-DEVELOPMENT AREA (ENTIRE SITE):

	Area (m^2)	C	A*C
Total Site Area:	549,280.00		
Building Area:	3,886.22	0.95	3691.909
Concrete/Asphalt:	0.00	0.95	0.00
Gravel:	8,602.73	0.7	6021.91
Landscaped/Open:	536,791.05	0.3	161037.32
Totals:	549,280.00		170751.135
C_{eq} = Sum(A*C)/Sum(A) =	0.31		
Imperviousness =	1.67%		

POST-DEVELOPMENT AREA (ENTIRE SITE):

	Area (m2)	C	A*C
Total Site Area:	549,280.00		
Building Area:	428220.00	0.95	406809.00
Concrete/Asphalt:	40640.38	0.95	38608.36
SWM Pond:	13593.48	0.9	12234.13
Landscaped/Open:	66826.14	0.3	20047.84
Totals:	549,280.00		477699.34
C_{eq} = Sum(A*C)/Sum(A) =	0.87		
Imperviousness =	87.64%		

MECP SWMPDM (Part of Table 3.1)*

Shallow Rooted Crops					
Soil	[1] Hydrologic Soil Group	Precipitation (mm)	Evapo-transpiration (mm)	Runoff (mm)	Infiltration (mm)
Clayey silt / Clay	D	940	525	270	145
Percentage of Precipitation Contributing			55.9%	28.7%	15.4%

*Refer to the MECP Stormwater Management Planning and Design Manual, Table 3.1

1) Based on section 3.3.1 of the Hydrogeological Assessment prepared by Chung and Vander Doelen Engineering Ltd. dated December 04, 2024, provided separately

Pre-Development Water Balance Calculation

Modified MECP Table 3.1 for the Site Precipitation

Shallow Rooted Crops					
Soil	[1] Hydrologic Soil Group	[2] Precipitation (mm)	[3] Evapo-transpiration (mm)	[3] Runoff (mm)	[3] Infiltration (mm)
Clayey silt / Clay	D	1006.4	562.09	289.07	155.24

Total Area Entire Site	549,280.00 m^2			
Pervious Area	536,791.05 m^2			
Impervious Area	12488.95 m^2			
Impervious %	1.67 %			
Precipitation	1006.4 (mm/yr)	552,795.39 (m^3/yr)		
Evapotranspiration	562.09 (mm/yr)	301,722.25 (m^3/yr)	(pervious area only)	
Pre-development Infiltration	155.24 (mm/yr)	83332.81 (m^3/yr)	(pervious area only)	
Total Runoff	**289.07 (mm/yr)**	**167740.32 (m^3/yr)**	**(Precip.-Evap.-Infil.)**	

2) Annual Total Precipitation from Elmira climate station

3) Values were calculated by multiplying the site yearly precipitation by percentage of precipitation contributing (calculated above) from the MECP SWM Table 3.1, above

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Post-Development Water Balance Calculation Without and With Infiltration Trench

Modified MECP Table 3.1 for the Site Precipitation

Shallow Rooted Crops					
Soil	[1] Hydrologic Soil Group	Precipitation (mm)	Evapo-transpiration (mm)	[3] Runoff (mm)	[3] Infiltration (mm)
Clayey silt / Clay	D	1006.4	562.09	289.07	155.24

Total Area	549,280.00	m²
Pervious Area	66,826.14	m²
Impervious Area	482,453.86	m²
Impervious %	87.64	%
****Total Area to Infiltration Trench	116,520.00	m²
*****Total Rain Volume Infiltrated per year by the trench	6,415.98	m³/year

****Controlled Post-Development Catchment A201-A212 (only the ones labelled with 'b' letter)

*****Refer to Daily/Montly/Yearly Infiltration Trench Calculations Provided in Appendix C.

			Without Infiltration Trenches	With Infiltration Trench Consideration
Precipitation	1006.4	(mm/yr)	552,795.39 (m³/yr)	552,795.39 (m³/yr)
Evapotranspiration	562.09	(mm/yr)	37,561.98 (m³/yr)[(1)]	37,561.98 (m³/yr)[(2)]
Post-development Infiltration	155.24	(mm/yr)	10,374.26 (m³/yr)[(1)]	16,790.24 (m³/yr)[(2)]
Total Runoff	289.07	(mm/yr)	504,859.15 (m³/yr)	498,443.17 (m³/yr)[(3)]

[(1)]Assumed that Evapotranspiration and Infiltration is zero over the impervious surface.

(2)The post-development infiltration with infiltration trench was calculated as follows: the post-development infiltration of 10374.26 m³/yr was added to 6415.98 m³/yr (rain volume infiltrated by trenches).

(3)The post-development runoff with infiltration trench was calculated as follow: total post-development rainfall volume (552795.39 m³/yr) minus post-development evapotranspiration (37561.98 m³/yr) minus post-development infiltration with infiltration trenches (16790.24 m³/yr).

Water Balance Calculation Summary

		Without Infiltration Trenches		With Infiltration Trench Consideration	
Water Budget Component	Pre-Development Volume (m³)	Post-Development Volume (m³)	Percentage Change (%)	Post-Development Volume (m³)	Percentage Change (%)
Precipitation	552,795.39	552,795.39		552,795.39	
Evapotranspiration	301,722.25	37,561.98	-87.55%	37,561.98	-87.55%
Infiltration	83,332.81	10,374.26	-87.55%	16,790.24	-79.85%
Total Runoff	167,740.32	504,859.15	200.98%	498,443.17	197.15%

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Wetland Water Balance Calculations

DATE: April 17, 2025
JOB N0.: SBM-23-2603

Client: 1000525725 Ontario Inc.
Project: Proposed Industrial Subdivision
Location: 1665 Scotch Line Road, Elmira, ON.

PRE-DEVELOPMENT AREA (A101 + EX01):

	Area (m^2)	C	A*C
Total Site Area:	225,943.22		
Building Area:	2,102.37	0.95	1997.2515
Concrete/Asphalt:	2,053.22	0.95	1950.56
Gravel:	1,107.87	0.7	775.51
Landscaped/Open:	220,679.76	0.3	66203.93
Totals:	225,943.22		70927.2475
C_{eq} = Sum(A*C)/Sum(A) =	0.31		
Imperviousness =	2.14%		

POST-DEVELOPMENT AREA (ENTIRE SITE excluding U202 + EX01 + EX02):

	Area (m2)	C	A*C
Total Site Area:	539,100.03		
Building Area:	428220.00	0.95	406809.00
Concrete/Asphalt:	44460.41	0.95	42237.39
SWM Pond:	13593.48	0.9	12234.13
Landscaped/Open:	52826.14	0.3	15847.84
Totals:	539,100.03		477128.36
C_{eq} = Sum(A*C)/Sum(A) =	0.89		
Imperviousness =	90.01%		

MECP SWMPDM (Part of Table 3.1)*

Shallow Rooted Crops					
Soil	[1] Hydrologic Soil Group	Precipitation (mm)	Evapo-transpiration (mm)	Runoff (mm)	Infiltration (mm)
Clayey silt / Clay	D	940	525	270	145
Percentage of Precipitation Contributing			55.9%	28.7%	15.4%

*Refer to the MECP Stormwater Management Planning and Design Manual, Table 3.1

1) Based on section 3.3.1 of the Hydrogeological Assessment prepared by Chung and Vander Doelen Engineering Ltd. dated December 04, 2024, provided separately

Pre-Development Water Balance Calculation

Modified MECP Table 3.1 for the Site Precipitation

Shallow Rooted Crops					
Soil	[1] Hydrologic Soil Group	[2] Precipitation (mm)	[3] Evapo-transpiration (mm)	[3] Runoff (mm)	[3] Infiltration (mm)
Clayey silt / Clay	D	1006.4	562.09	289.07	155.24

Total Area Entire Site	225,943.22	m^2		
Pervious Area	220,679.76	m^2		
Impervious Area	5263.46	m^2		
Impervious %	2.14	%		
Precipitation	1006.4	(mm/yr)	227,389.26 (m^3/yr)	
Evapotranspiration	562.09	(mm/yr)	124,040.81 (m^3/yr)	(pervious area only)
Pre-development Infiltration	155.24	(mm/yr)	34258.89 (m^3/yr)	(pervious area only)
Total Runoff	**289.07**	**(mm/yr)**	**69089.56 (m^3/yr)**	**(Precip.-Evap.-Infil.)**

2) Annual Total Precipitation from Elmira climate station

3) Values were calculated by multiplying the site yearly precipitation by percentage of precipitation contributing (calculated above) from the MECP SWM Table 3.1, above

Post-Development Water Balance Calculation Without and With Infiltration Trench

Modified MECP Table 3.1 for the Site Precipitation

Shallow Rooted Crops					
Soil	[1] Hydrologic Soil Group	Precipitation (mm)	Evapo-transpiration (mm)	[3] Runoff (mm)	[3] Infiltration (mm)
Clayey silt / Clay	D	1006.4	562.09	289.07	155.24

Total Area	539,100.03	m^2
Pervious Area	52,826.14	m^2
Impervious Area	486,273.89	m^2
Impervious %	90.01	%
****Total Area to Infiltration Trench	116,520.00	m^2
*****Total Rain Volume Infiltrated per year by the trench	6,415.98	m^3/year

****Controlled Post-Development Catchment A201-A212 (only the ones labelled with 'b' letter)

*****Refer to Daily/Monthly/Yearly Infiltration Trench Calculations Provided in Appendix C.

			Without Infiltration Trenches	With Infiltration Trench Consideration
Precipitation	1006.4	(mm/yr)	542,550.27 (m^3/yr)	542,550.27 (m^3/yr)
Evapotranspiration	562.09	(mm/yr)	29,692.79 (m^3/yr)[1]	29,692.79 (m^3/yr)[2]
Post-development Infiltration	155.24	(mm/yr)	8,200.86 (m^3/yr)[1]	14,616.84 (m^3/yr)[2]
Total Runoff	289.07	(mm/yr)	504,656.62 (m^3/yr)	498,240.64 (m^3/yr)[3]

[1]Assumed that Evapotranspiration and Infiltration is zero over the impervious surface.

(2)The post-development infiltration with infiltration trench was calculated as follows: the post-development infiltration of 8200.86 m^3/yr was added to 6415.98 m^3/yr (rain volume infiltrated by trenches).

(3)The post-development runoff with infiltration trench was calculated as follow: total post-development rainfall volume (542550.27 m^3/yr) minus post-development evapotranspiration (29692.79 m^3/yr) minus post-development infiltration with infiltration trenches (14616.84 m^3/yr).

Water Balance Calculation Summary

		Without Infiltration Trenches		With Infiltration Trench Consideration	
Water Budget Component	Pre-Development Volume (m^3)	Post-Development Volume (m^3)	Percentage Change (%)	Post-Development Volume (m^3)	Percentage Change (%)
Precipitation	227,389.26	542,550.27		542,550.27	
Evapotranspiration	124,040.81	29,692.79	-76.06%	29,692.79	-76.06%
Infiltration	34,258.89	8,200.86	-76.06%	14,616.84	-57.33%
Total Runoff	69,089.56	504,656.62	630.44%	498,240.64	621.15%

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MONTHLY INFILTRATION CALCULATIONS

DATE:	March 6, 2025
JOB NO.:	SBM-23-2603
Client:	**1000525725 Ontario Inc.**
Project:	**Proposed Industrial Subdivision**
Location:	**1665 Scotch Line Road, Elmira, ON.**

Parameter	Value	Notes
Catchment to Infiltration Galleries (sq.m)	116520	****Controlled Post-Development Catchment A201-A212 (only the ones labelled with 'b' letter)
Combined Runoff co-efficient	0.95	
Infiltration Trench Length (m)	150	*design element
Infiltration Trench Width (m)	0.5	*design element
Infiltration Trench Stone Depth (m)	0.72	*design element
2 Sides + Bottom Infiltration Area (sq.m)	291.72	calculated element
Inf.trench pipe Diameter (m)	0.15	*design element
Inf. Pipe Length (m)	1200.00	*design element
Inf. Pipe Storage (cu.m)	21.20	*calculated element
Structure Storage (cu.m)	0.00	*calculated element
Surface Storage (cu.m)	0.00	*calculated element
Site Infiltration Rate (mm/hr)	15	Assumed based on soil type
Design Infiltration Rate (m/d)	0.36	Units Conversion and including safety factor
Max Infiltration (cu.m/d)	105.02	Daily Infiltration rate multiplied by infiltration area
Initial Storage (cu.m)	0.00	
Maximum storage of trench stone accounting for voids(cu.m)	13.12	Multiplication of infiltration trench volume by 0.4 (assumed porosity of 19mm clear stone)
Maximum storage accounting for trench, structure, pipes, and surface storage (cu.m)	34.32	

Infiltration rate is based on section 3.3.1 of the Hydrogeological Assessment prepared by Chung and Vander Doelen Engineering Ltd. dated December 04, 2024, provided separately

Total Yearly Infiltration-Sum of Monthly Infiltration (Above 0 ˚C Months Only)							
6415.98							
Monthly Infiltration-Above 0 ˚C Months Only							
844.74	751.53	636.62	687.19	742.87	784.78	896.64	1071.60

Climate Station Name: ELMIRA (Climate Identifier-6142275) For 1/1/1984 to 31/05/1994

Date/Time	Year	Month	Day	Total Precipitation (mm)	Initial Infiltration storage (cu.m)	Flow to Infiltration Galleries (cu.m)	Daily Infiltration (cu.m)	Storage after Rainfall and infiltration (cu.m)	Cumulative Flow-Winter Months (cu.m)	April	May	June	July	August	September	October	November
1/1/1984	1984	1	1	3.7	0.00	409.57	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/2/1984	1984	1	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/3/1984	1984	1	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/4/1984	1984	1	4	1.3	0.00	143.90	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/5/1984	1984	1	5	3	0.00	332.08	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/6/1984	1984	1	6	0.3	0.00	33.21	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/7/1984	1984	1	7	2.8	0.00	309.94	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/8/1984	1984	1	8	1.3	0.00	143.90	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/9/1984	1984	1	9	3.6	0.00	398.50	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/10/1984	1984	1	10	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/11/1984	1984	1	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/12/1984	1984	1	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/13/1984	1984	1	13	4	0.00	442.78	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/14/1984	1984	1	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/15/1984	1984	1	15	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/16/1984	1984	1	16	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/17/1984	1984	1	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/18/1984	1984	1	18	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/19/1984	1984	1	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/20/1984	1984	1	20	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/21/1984	1984	1	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/22/1984	1984	1	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/23/1984	1984	1	23	5	0.00	553.47	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/24/1984	1984	1	24	0.3	0.00	33.21	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/25/1984	1984	1	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/26/1984	1984	1	26	13.9	0.00	1538.65	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/27/1984	1984	1	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/28/1984	1984	1	28	2.5	0.00	276.74	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/29/1984	1984	1	29	2.2	0.00	243.53	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/30/1984	1984	1	30	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/31/1984	1984	1	31	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/1/1984	1984	2	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/2/1984	1984	2	2	3.1	0.00	343.15	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/3/1984	1984	2	3	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/4/1984	1984	2	4	1.5	0.00	166.04	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/5/1984	1984	2	5	2.1	0.00	232.46	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/6/1984	1984	2	6	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/7/1984	1984	2	7	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/8/1984	1984	2	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/9/1984	1984	2	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/10/1984	1984	2	10	4.9	0.00	542.40	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/11/1984	1984	2	11	0.3	0.00	33.21	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/12/1984	1984	2	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/13/1984	1984	2	13	35.1	0.00	3885.36	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/14/1984	1984	2	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/15/1984	1984	2	15	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/16/1984	1984	2	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/17/1984	1984	2	17	0.3	0.00	33.21	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/18/1984	1984	2	18	1.2	0.00	132.83	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/19/1984	1984	2	19	1.1	0.00	121.76	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/20/1984	1984	2	20	1	0.00	110.69	0.00	5.67		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/21/1984	1984	2	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/22/1984	1984	2	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/23/1984	1984	2	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/24/1984	1984	2	24	3	0.00	332.08	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/25/1984	1984	2	25	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/26/1984	1984	2	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/27/1984	1984	2	27	1.8	0.00	199.25	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/28/1984	1984	2	28	9	0.00	996.25	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/29/1984	1984	2	29	2.4	0.00	265.67	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/1/1984	1984	3	1	6.8	0.00	752.72	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/2/1984	1984	3	2	5	0.00	553.47	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/3/1984	1984	3	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/4/1984	1984	3	4	7.8	0.00	863.41	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/5/1984	1984	3	5	4.3	0.00	475.98	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/6/1984	1984	3	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/7/1984	1984	3	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/8/1984	1984	3	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/9/1984	1984	3	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/10/1984	1984	3	10	12.6	0.00	1394.74	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/11/1984	1984	3	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/12/1984	1984	3	12	2.4	0.00	265.67	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/13/1984	1984	3	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/14/1984	1984	3	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/15/1984	1984	3	15	24.5	0.00	2712.00	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/16/1984	1984	3	16	6.2	0.00	686.30	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/17/1984	1984	3	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/18/1984	1984	3	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/19/1984	1984	3	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/20/1984	1984	3	20	8.8	0.00	974.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/21/1984	1984	3	21	9.2	0.00	1018.38	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/22/1984	1984	3	22	2.9	0.00	321.01	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/23/1984	1984	3	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/24/1984	1984	3	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/25/1984	1984	3	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/26/1984	1984	3	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/27/1984	1984	3	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/28/1984	1984	3	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/29/1984	1984	3	29	3.8	0.00	420.64	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/30/1984	1984	3	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/31/1984	1984	3	31	0	0.00	0.00	0.00	0.00	23179.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/1/1984	1984	4	1	0	23179.32	0.00	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/2/1984	1984	4	2	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/3/1984	1984	4	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/4/1984	1984	4	4	14.1	0.00	1560.79	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/5/1984	1984	4	5	0.5	13.12	55.35	68.47	0.00		68.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/6/1984	1984	4	6	2.8	0.00	309.94	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/7/1984	1984	4	7	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/8/1984	1984	4	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/9/1984	1984	4	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/10/1984	1984	4	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/11/1984	1984	4	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/12/1984	1984	4	12	2.7	0.00	298.87	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/13/1984	1984	4	13	1	13.12	110.69	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/14/1984	1984	4	14	6.9	13.12	763.79	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/15/1984	1984	4	15	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/16/1984	1984	4	16	5	0.00	553.47	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/17/1984	1984	4	17	1	13.12	110.69	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/1984	1984	4	18	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/19/1984	1984	4	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/20/1984	1984	4	20	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/1984	1984	4	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/22/1984	1984	4	22	4.6	0.00	509.19	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/1984	1984	4	23	1.3	13.12	143.90	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/1984	1984	4	24	0.7	13.12	77.49	90.61	0.00		90.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/25/1984	1984	4	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/26/1984	1984	4	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/27/1984	1984	4	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/28/1984	1984	4	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/29/1984	1984	4	29	2.8	0.00	309.94	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/30/1984	1984	4	30	0.3	13.12	33.21	46.33	0.00		46.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/1/1984	1984	5	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/2/1984	1984	5	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/3/1984	1984	5	3	3.1	0.00	343.15	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/4/1984	1984	5	4	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/5/1984	1984	5	5	0.8	0.00	88.56	88.56	0.00		0.00	88.56	0.00	0.00	0.00	0.00	0.00	0.00
5/6/1984	1984	5	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/7/1984	1984	5	7	4.6	0.00	509.19	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/8/1984	1984	5	8	3.3	13.12	365.29	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/9/1984	1984	5	9	0.6	13.12	66.42	79.54	0.00		0.00	79.54	0.00	0.00	0.00	0.00	0.00	0.00
5/10/1984	1984	5	10	0.4	0.00	44.28	44.28	0.00		0.00	44.28	0.00	0.00	0.00	0.00	0.00	0.00
5/11/1984	1984	5	11	1.5	0.00	166.04	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/12/1984	1984	5	12	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/13/1984	1984	5	13	9.3	0.00	1029.45	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/14/1984	1984	5	14	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/15/1984	1984	5	15	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/16/1984	1984	5	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/17/1984	1984	5	17	7.4	0.00	819.14	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/18/1984	1984	5	18	0.5	13.12	55.35	68.47	0.00		0.00	68.47	0.00	0.00	0.00	0.00	0.00	0.00
5/19/1984	1984	5	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/20/1984	1984	5	20	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/21/1984	1984	5	21	5.1	0.00	564.54	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/22/1984	1984	5	22	15.2	13.12	1682.55	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/23/1984	1984	5	23	1.4	13.12	154.97	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/24/1984	1984	5	24	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00

5/25/1984	1984	5	25	14.4	0.00	1593.99	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/26/1984	1984	5	26	0	13.12	0.00	13.12	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/27/1984	1984	5	27	0.3	0.00	33.21	33.21	0.00	0.00	33.21	0.00	0.00	0.00	0.00	0.00	0.00
5/28/1984	1984	5	28	17.3	0.00	1915.01	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/29/1984	1984	5	29	1.2	13.12	132.83	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/30/1984	1984	5	30	0	13.12	0.00	13.12	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/31/1984	1984	5	31	1.8	0.00	199.25	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
6/1/1984	1984	6	1	0	13.12	0.00	13.12	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/2/1984	1984	6	2	9.7	0.00	1073.73	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/3/1984	1984	6	3	0	13.12	0.00	13.12	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/4/1984	1984	6	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/5/1984	1984	6	5	0.5	0.00	55.35	55.35	0.00	0.00	0.00	55.35	0.00	0.00	0.00	0.00	0.00
6/6/1984	1984	6	6	2.4	0.00	265.67	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/7/1984	1984	6	7	0	13.12	0.00	13.12	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/8/1984	1984	6	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/9/1984	1984	6	9	1.2	0.00	132.83	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/10/1984	1984	6	10	0.6	13.12	66.42	79.54	0.00	0.00	0.00	79.54	0.00	0.00	0.00	0.00	0.00
6/11/1984	1984	6	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/12/1984	1984	6	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/13/1984	1984	6	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/14/1984	1984	6	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/15/1984	1984	6	15	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/16/1984	1984	6	16	9.3	0.00	1029.45	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/17/1984	1984	6	17	58	13.12	6420.25	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/18/1984	1984	6	18	0	13.12	0.00	13.12	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/19/1984	1984	6	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/20/1984	1984	6	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/21/1984	1984	6	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/22/1984	1984	6	22	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/23/1984	1984	6	23	6.2	0.00	686.30	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/24/1984	1984	6	24	0	13.12	0.00	13.12	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/25/1984	1984	6	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/26/1984	1984	6	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/27/1984	1984	6	27	7	0.00	774.86	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/28/1984	1984	6	28	0	13.12	0.00	13.12	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/29/1984	1984	6	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/30/1984	1984	6	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/1/1984	1984	7	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/2/1984	1984	7	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/3/1984	1984	7	3	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	22.14	0.00	0.00	0.00	0.00
7/4/1984	1984	7	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/5/1984	1984	7	5	2.1	0.00	232.46	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/6/1984	1984	7	6	22.7	13.12	2512.75	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/7/1984	1984	7	7	0.8	13.12	88.56	101.68	0.00	0.00	0.00	0.00	101.68	0.00	0.00	0.00	0.00
7/8/1984	1984	7	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/9/1984	1984	7	9	1.4	0.00	154.97	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/10/1984	1984	7	10	2.8	13.12	309.94	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/11/1984	1984	7	11	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/12/1984	1984	7	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/13/1984	1984	7	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/14/1984	1984	7	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/15/1984	1984	7	15	0.9	0.00	99.62	99.62	0.00	0.00	0.00	0.00	99.62	0.00	0.00	0.00	0.00
7/16/1984	1984	7	16	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/17/1984	1984	7	17	4.5	0.00	498.12	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/18/1984	1984	7	18	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/19/1984	1984	7	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/20/1984	1984	7	20	1.3	0.00	143.90	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/21/1984	1984	7	21	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/22/1984	1984	7	22	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/23/1984	1984	7	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/24/1984	1984	7	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/25/1984	1984	7	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/26/1984	1984	7	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/27/1984	1984	7	27	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/28/1984	1984	7	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/29/1984	1984	7	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/30/1984	1984	7	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/31/1984	1984	7	31	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/1/1984	1984	8	1	1.2	0.00	132.83	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/2/1984	1984	8	2	35.1	13.12	3885.36	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/3/1984	1984	8	3	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/4/1984	1984	8	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/5/1984	1984	8	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/6/1984	1984	8	6	5.8	0.00	642.03	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/7/1984	1984	8	7	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/8/1984	1984	8	8	13.2	0.00	1461.16	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/9/1984	1984	8	9	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/10/1984	1984	8	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/11/1984	1984	8	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/12/1984	1984	8	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/13/1984	1984	8	13	37	0.00	4095.68	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/14/1984	1984	8	14	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/15/1984	1984	8	15	3.3	0.00	365.29	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/16/1984	1984	8	16	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/17/1984	1984	8	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/18/1984	1984	8	18	2	0.00	221.39	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/19/1984	1984	8	19	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/20/1984	1984	8	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/21/1984	1984	8	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/22/1984	1984	8	22	2	0.00	221.39	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/23/1984	1984	8	23	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/24/1984	1984	8	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/25/1984	1984	8	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/26/1984	1984	8	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/27/1984	1984	8	27	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/28/1984	1984	8	28	28.7	0.00	3176.92	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/29/1984	1984	8	29	5.2	13.12	575.61	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/30/1984	1984	8	30	6	13.12	664.16	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/31/1984	1984	8	31	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
9/1/1984	1984	9	1	14	0.00	1549.72	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/2/1984	1984	9	2	6.2	13.12	686.30	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/3/1984	1984	9	3	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	0.00	0.00	35.26	0.00	0.00
9/4/1984	1984	9	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/5/1984	1984	9	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/6/1984	1984	9	6	5.5	0.00	608.82	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/7/1984	1984	9	7	0.5	13.12	55.35	68.47	0.00	0.00	0.00	0.00	0.00	0.00	68.47	0.00	0.00
9/8/1984	1984	9	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/9/1984	1984	9	9	19.8	0.00	2191.74	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/10/1984	1984	9	10	4.8	13.12	531.33	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/11/1984	1984	9	11	9.3	13.12	1029.45	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/12/1984	1984	9	12	5.6	13.12	619.89	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/13/1984	1984	9	13	13.2	13.12	1461.16	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/14/1984	1984	9	14	3	13.12	332.08	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/15/1984	1984	9	15	0.9	13.12	99.62	105.02	7.73	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/16/1984	1984	9	16	0	7.73	0.00	7.73	0.00	0.00	0.00	0.00	0.00	0.00	7.73	0.00	0.00
9/17/1984	1984	9	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/18/1984	1984	9	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/19/1984	1984	9	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/20/1984	1984	9	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/21/1984	1984	9	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/22/1984	1984	9	22	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	0.00	0.00	22.14	0.00	0.00
9/23/1984	1984	9	23	1.7	0.00	188.18	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/24/1984	1984	9	24	2.2	13.12	243.53	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/25/1984	1984	9	25	11.3	13.12	1250.84	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/26/1984	1984	9	26	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	0.00	0.00	35.26	0.00	0.00
9/27/1984	1984	9	27	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/28/1984	1984	9	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/29/1984	1984	9	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/30/1984	1984	9	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/1/1984	1984	10	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/2/1984	1984	10	2	0.5	0.00	55.35	55.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.35	0.00
10/3/1984	1984	10	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/4/1984	1984	10	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/1984	1984	10	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/1984	1984	10	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/7/1984	1984	10	7	4	0.00	442.78	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/8/1984	1984	10	8	6.1	13.12	675.23	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/9/1984	1984	10	9	0.5	13.12	55.35	68.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.47	0.00
10/10/1984	1984	10	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/11/1984	1984	10	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/12/1984	1984	10	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/1984	1984	10	13	0.7	0.00	77.49	77.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.49	0.00
10/14/1984	1984	10	14	1.5	0.00	166.04	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/15/1984	1984	10	15	1.4	13.12	154.97	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/16/1984	1984	10	16	0.3	13.12	33.21	46.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.33	0.00
10/17/1984	1984	10	17	3.1	0.00	343.15	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/18/1984	1984	10	18	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/19/1984	1984	10	19	5.8	0.00	642.03	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/20/1984	1984	10	20	6.6	13.12	730.58	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/21/1984	1984	10	21	2.2	13.12	243.53	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/22/1984	1984	10	22	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/23/1984	1984	10	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/1984	1984	10	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/1984	1984	10	25	6.4	0.00	708.44	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/26/1984	1984	10	26	0.7	13.12	77.49	90.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.61	0.00
10/27/1984	1984	10	27	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.14	0.00
10/28/1984	1984	10	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/1984	1984	10	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30/1984	1984	10	30	0.5	0.00	55.35	55.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.35	0.00
10/31/1984	1984	10	31	0.3	0.00	33.21	33.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.21	0.00
11/1/1984	1984	11	1	7.1	0.00	785.93	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/2/1984	1984	11	2	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/3/1984	1984	11	3	1	0.00	110.69	105.02	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/4/1984	1984	11	4	18.6	5.67	2058.91	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/5/1984	1984	11	5	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.26
11/6/1984	1984	11	6	0.3	0.00	33.21	33.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.21
11/7/1984	1984	11	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/8/1984	1984	11	8	0.6	0.00	66.42	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.42
11/9/1984	1984	11	9	15.6	0.00	1726.83	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/10/1984	1984	11	10	16.9	13.12	1870.73	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/11/1984	1984	11	11	7.7	13.12	852.34	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/12/1984	1984	11	12	0.4	13.12	44.28	57.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.40
11/13/1984	1984	11	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/14/1984	1984	11	14	1.6	0.00	177.11	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/15/1984	1984	11	15	9.2	13.12	1018.38	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/16/1984	1984	11	16	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/17/1984	1984	11	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/18/1984	1984	11	18	0.8	0.00	88.56	88.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.56
11/19/1984	1984	11	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/20/1984	1984	11	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/21/1984	1984	11	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/22/1984	1984	11	22	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/23/1984	1984	11	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/24/1984	1984	11	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/25/1984	1984	11	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/26/1984	1984	11	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/27/1984	1984	11	27	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.14
11/28/1984	1984	11	28	4.8	0.00	531.33	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/29/1984	1984	11	29	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/30/1984	1984	11	30	0.9	0.00	99.62	99.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99.62
12/1/1984	1984	12	1	1	0.00	110.69	0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/2/1984	1984	12	2	7.7	5.67	852.34	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/3/1984	1984	12	3	0.4	13.12	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/4/1984	1984	12	4	2.4	0.00	265.67	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/5/1984	1984	12	5	5.6	13.12	619.89	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/6/1984	1984	12	6	0.5	13.12	55.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/7/1984	1984	12	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/8/1984	1984	12	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/9/1984	1984	12	9	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/10/1984	1984	12	10	1.8	0.00	199.25	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/11/1984	1984	12	11	0	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/12/1984	1984	12	12	12.6	0.00	1394.74	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/13/1984	1984	12	13	0.2	13.12	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/14/1984	1984	12	14	4	0.00	442.78	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/15/1984	1984	12	15	0.2	13.12	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/16/1984	1984	12	16	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/17/1984	1984	12	17	0.2	0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/18/1984	1984	12	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/19/1984	1984	12	19	6	0.00	664.16	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/20/1984	1984	12	20	0	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/21/1984	1984	12	21	21.9	0.00	2424.20	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

12/22/1984	1984	12	22	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/23/1984	1984	12	23	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/24/1984	1984	12	24	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/25/1984	1984	12	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/26/1984	1984	12	26	2.8	0.00	309.94	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/27/1984	1984	12	27	3.3	13.12	365.29	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/28/1984	1984	12	28	10.2	13.12	1129.08	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/29/1984	1984	12	29	11.8	13.12	1306.19	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/30/1984	1984	12	30	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/31/1984	1984	12	31	23.5	0.00	2601.31	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/1/1985	1985	1	1	8.3	13.12	918.76	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/2/1985	1985	1	2	0.4	13.12	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/3/1985	1985	1	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/4/1985	1985	1	4	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/5/1985	1985	1	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/6/1985	1985	1	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/7/1985	1985	1	7	17.5	0.00	1937.15	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/8/1985	1985	1	8	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/9/1985	1985	1	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/10/1985	1985	1	10	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/11/1985	1985	1	11	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/12/1985	1985	1	12	0.3	0.00	33.21	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/13/1985	1985	1	13	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/14/1985	1985	1	14	10.2	0.00	1129.08	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/15/1985	1985	1	15	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/16/1985	1985	1	16	6.8	0.00	752.72	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/17/1985	1985	1	17	1.2	13.12	132.83	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/18/1985	1985	1	18	4.8	13.12	531.33	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/19/1985	1985	1	19	11.4	13.12	1261.91	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/20/1985	1985	1	20	17	13.12	1881.80	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/21/1985	1985	1	21	14.6	13.12	1616.13	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/22/1985	1985	1	22	2.8	13.12	309.94	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/23/1985	1985	1	23	3.8	13.12	420.64	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/24/1985	1985	1	24	4.4	13.12	487.05	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/25/1985	1985	1	25	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/26/1985	1985	1	26	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/27/1985	1985	1	27	2	0.00	221.39	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/28/1985	1985	1	28	0.6	13.12	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/29/1985	1985	1	29	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/30/1985	1985	1	30	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/31/1985	1985	1	31	2.2	0.00	243.53	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/1/1985	1985	2	1	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/2/1985	1985	2	2	0.7	0.00	77.49	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/3/1985	1985	2	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/4/1985	1985	2	4	2	0.00	221.39	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/5/1985	1985	2	5	6.9	13.12	763.79	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/6/1985	1985	2	6	2	13.12	221.39	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/7/1985	1985	2	7	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/8/1985	1985	2	8	17.1	0.00	1892.87	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/9/1985	1985	2	9	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/10/1985	1985	2	10	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/11/1985	1985	2	11	12.1	0.00	1339.40	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/12/1985	1985	2	12	13.5	13.12	1494.37	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/13/1985	1985	2	13	6.7	13.12	741.65	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/14/1985	1985	2	14	3	13.12	332.08	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/15/1985	1985	2	15	1	13.12	110.69	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/16/1985	1985	2	16	8.5	13.12	940.90	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/17/1985	1985	2	17	6.7	13.12	741.65	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/18/1985	1985	2	18	0.6	13.12	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/19/1985	1985	2	19	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/20/1985	1985	2	20	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/21/1985	1985	2	21	12	0.00	1328.33	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/22/1985	1985	2	22	8.7	13.12	963.04	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/23/1985	1985	2	23	26.3	13.12	2911.25	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/24/1985	1985	2	24	1.1	13.12	121.76	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/25/1985	1985	2	25	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/26/1985	1985	2	26	0.7	0.00	77.49	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/27/1985	1985	2	27	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/28/1985	1985	2	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/1/1985	1985	3	1	0.7	0.00	77.49	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/2/1985	1985	3	2	4	0.00	442.78	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/3/1985	1985	3	3	7.2	13.12	797.00	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/4/1985	1985	3	4	17.9	13.12	1981.42	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/5/1985	1985	3	5	7.6	13.12	841.27	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/6/1985	1985	3	6	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/7/1985	1985	3	7	1.8	0.00	199.25	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/8/1985	1985	3	8	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/9/1985	1985	3	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/10/1985	1985	3	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/11/1985	1985	3	11	8.5	0.00	940.90	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/12/1985	1985	3	12	0.8	13.12	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/13/1985	1985	3	13	1.6	0.00	177.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/14/1985	1985	3	14	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/15/1985	1985	3	15	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/16/1985	1985	3	16	2.7	0.00	298.87	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/17/1985	1985	3	17	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/18/1985	1985	3	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/19/1985	1985	3	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/20/1985	1985	3	20	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/21/1985	1985	3	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/22/1985	1985	3	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/23/1985	1985	3	23	4.4	0.00	487.05	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/24/1985	1985	3	24	3.8	13.12	420.64	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/25/1985	1985	3	25	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/26/1985	1985	3	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/27/1985	1985	3	27	6.1	0.00	675.23	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/28/1985	1985	3	28	8.4	13.12	929.83	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/29/1985	1985	3	29	0.2	13.12	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/30/1985	1985	3	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/31/1985	1985	3	31	24.6	0.00	2723.07	0.00	13.12	50886.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/1/1985	1985	4	1	2.2	50886.03	243.53	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/2/1985	1985	4	2	5.2	13.12	575.61	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/3/1985	1985	4	3	0.7	13.12	77.49	90.61	0.00		90.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/4/1985	1985	4	4	20.2	0.00	2236.02	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/5/1985	1985	4	5	12.1	13.12	1339.40	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/6/1985	1985	4	6	3.6	13.12	398.50	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/7/1985	1985	4	7	7.6	13.12	841.27	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/8/1985	1985	4	8	0.2	13.12	22.14	35.26	0.00		35.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/9/1985	1985	4	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/10/1985	1985	4	10	0.3	0.00	33.21	33.21	0.00		33.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/11/1985	1985	4	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/12/1985	1985	4	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/13/1985	1985	4	13	0.4	0.00	44.28	44.28	0.00		44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/14/1985	1985	4	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/15/1985	1985	4	15	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/16/1985	1985	4	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/17/1985	1985	4	17	0.2	0.00	22.14	22.14	0.00		22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/1985	1985	4	18	2.6	0.00	287.80	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/19/1985	1985	4	19	6.9	13.12	763.79	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/20/1985	1985	4	20	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/1985	1985	4	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/22/1985	1985	4	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/1985	1985	4	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/1985	1985	4	24	8.5	0.00	940.90	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/25/1985	1985	4	25	0.2	13.12	22.14	35.26	0.00		35.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/26/1985	1985	4	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/27/1985	1985	4	27	4.7	0.00	520.26	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/28/1985	1985	4	28	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/29/1985	1985	4	29	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/30/1985	1985	4	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/1/1985	1985	5	1	0.2	0.00	22.14	22.14	0.00		0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00
5/2/1985	1985	5	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/3/1985	1985	5	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/4/1985	1985	5	4	3.5	0.00	387.43	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/5/1985	1985	5	5	6	13.12	664.16	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/6/1985	1985	5	6	8.2	13.12	907.69	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/7/1985	1985	5	7	0.3	13.12	33.21	46.33	0.00		0.00	46.33	0.00	0.00	0.00	0.00	0.00	0.00
5/8/1985	1985	5	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/9/1985	1985	5	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/10/1985	1985	5	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/11/1985	1985	5	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/12/1985	1985	5	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/13/1985	1985	5	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/14/1985	1985	5	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/15/1985	1985	5	15	1	0.00	110.69	105.02	5.67		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/16/1985	1985	5	16	0	5.67	0.00	5.67	0.00		0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00
5/17/1985	1985	5	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/18/1985	1985	5	18	0.8	0.00	88.56	88.56	0.00		0.00	88.56	0.00	0.00	0.00	0.00	0.00	0.00
5/19/1985	1985	5	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/20/1985	1985	5	20	7.3	0.00	808.07	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/21/1985	1985	5	21	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/22/1985	1985	5	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/23/1985	1985	5	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/24/1985	1985	5	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/25/1985	1985	5	25	2.9	0.00	321.01	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/26/1985	1985	5	26	22.4	13.12	2479.55	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/27/1985	1985	5	27	11	13.12	1217.63	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/28/1985	1985	5	28	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/29/1985	1985	5	29	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/30/1985	1985	5	30	0.8	0.00	88.56	88.56	0.00		0.00	88.56	0.00	0.00	0.00	0.00	0.00	0.00
5/31/1985	1985	5	31	4.8	0.00	531.33	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
6/1/1985	1985	6	1	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/2/1985	1985	6	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/3/1985	1985	6	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/4/1985	1985	6	4	0.7	0.00	77.49	77.49	0.00		0.00	0.00	77.49	0.00	0.00	0.00	0.00	0.00
6/5/1985	1985	6	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/6/1985	1985	6	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/7/1985	1985	6	7	1.4	0.00	154.97	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/8/1985	1985	6	8	1	13.12	110.69	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/9/1985	1985	6	9	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/10/1985	1985	6	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/11/1985	1985	6	11	5.1	0.00	564.54	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/12/1985	1985	6	12	0.3	13.12	33.21	46.33	0.00		0.00	0.00	46.33	0.00	0.00	0.00	0.00	0.00
6/13/1985	1985	6	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/14/1985	1985	6	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/15/1985	1985	6	15	7.4	0.00	819.14	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/16/1985	1985	6	16	7.2	13.12	797.00	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/17/1985	1985	6	17	3.1	13.12	343.15	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/18/1985	1985	6	18	0.5	13.12	55.35	68.47	0.00		0.00	0.00	68.47	0.00	0.00	0.00	0.00	0.00
6/19/1985	1985	6	19	0.2	0.00	22.14	22.14	0.00		0.00	0.00	22.14	0.00	0.00	0.00	0.00	0.00
6/20/1985	1985	6	20	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/21/1985	1985	6	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/22/1985	1985	6	22	23.6	0.00	2612.38	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/23/1985	1985	6	23	2.2	13.12	243.53	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/24/1985	1985	6	24	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/25/1985	1985	6	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/26/1985	1985	6	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/27/1985	1985	6	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/28/1985	1985	6	28	0.9	0.00	99.62	99.62	0.00		0.00	0.00	99.62	0.00	0.00	0.00	0.00	0.00
6/29/1985	1985	6	29	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/30/1985	1985	6	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/1/1985	1985	7	1	1.6	0.00	177.11	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/2/1985	1985	7	2	0.2	13.12	22.14	35.26	0.00		0.00	0.00	0.00	35.26	0.00	0.00	0.00	0.00
7/3/1985	1985	7	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/4/1985	1985	7	4	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/5/1985	1985	7	5	7.7	0.00	852.34	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/6/1985	1985	7	6	7.5	13.12	830.21	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/7/1985	1985	7	7	20.1	13.12	2224.95	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/8/1985	1985	7	8	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/9/1985	1985	7	9	1	0.00	110.69	105.02	5.67		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/10/1985	1985	7	10	0	5.67	0.00	5.67	0.00		0.00	0.00	0.00	5.67	0.00	0.00	0.00	0.00
7/11/1985	1985	7	11	3.1	0.00	343.15	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/12/1985	1985	7	12	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/13/1985	1985	7	13	2.6	0.00	287.80	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/14/1985	1985	7	14	9.8	13.12	1084.80	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/15/1985	1985	7	15	6.6	13.12	730.58	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/16/1985	1985	7	16	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/17/1985	1985	7	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/18/1985	1985	7	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/19/1985	1985	7	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/20/1985	1985	7	20	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

7/21/1985	1985	7	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/22/1985	1985	7	22	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/23/1985	1985	7	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/24/1985	1985	7	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/25/1985	1985	7	25	1.8	0.00	199.25	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/26/1985	1985	7	26	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/27/1985	1985	7	27	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/28/1985	1985	7	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/29/1985	1985	7	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/30/1985	1985	7	30	2	0.00	221.39	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/31/1985	1985	7	31	1.1	13.12	121.76	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
8/1/1985	1985	8	1	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/2/1985	1985	8	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/3/1985	1985	8	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/4/1985	1985	8	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/5/1985	1985	8	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/6/1985	1985	8	6	0.7	0.00	77.49	77.49	0.00	0.00	0.00	0.00	0.00	77.49	0.00	0.00	0.00
8/7/1985	1985	8	7	1.2	0.00	132.83	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/8/1985	1985	8	8	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/9/1985	1985	8	9	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/10/1985	1985	8	10	24	0.00	2656.66	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/11/1985	1985	8	11	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/12/1985	1985	8	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/13/1985	1985	8	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/14/1985	1985	8	14	28.6	0.00	3165.85	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/15/1985	1985	8	15	4	13.12	442.78	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/16/1985	1985	8	16	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/17/1985	1985	8	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/18/1985	1985	8	18	5.3	0.00	586.68	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/19/1985	1985	8	19	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/20/1985	1985	8	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/21/1985	1985	8	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/22/1985	1985	8	22	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/23/1985	1985	8	23	22.5	0.00	2490.62	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/24/1985	1985	8	24	10.1	13.12	1118.01	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/25/1985	1985	8	25	39.2	13.12	4339.20	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/26/1985	1985	8	26	15.3	13.12	1693.62	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/27/1985	1985	8	27	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/28/1985	1985	8	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/29/1985	1985	8	29	37.8	0.00	4184.23	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/30/1985	1985	8	30	1.1	13.12	121.76	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/31/1985	1985	8	31	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
9/1/1985	1985	9	1	4	0.00	442.78	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/2/1985	1985	9	2	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/3/1985	1985	9	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/4/1985	1985	9	4	17.4	0.00	1926.08	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/5/1985	1985	9	5	19.4	13.12	2147.46	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/6/1985	1985	9	6	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/7/1985	1985	9	7	2.1	0.00	232.46	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/8/1985	1985	9	8	0.4	13.12	44.28	57.40	0.00	0.00	0.00	0.00	0.00	0.00	57.40	0.00	0.00
9/9/1985	1985	9	9	8.8	0.00	974.11	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/10/1985	1985	9	10	0.4	13.12	44.28	57.40	0.00	0.00	0.00	0.00	0.00	0.00	57.40	0.00	0.00
9/11/1985	1985	9	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/12/1985	1985	9	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/1985	1985	9	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/1985	1985	9	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/1985	1985	9	15	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/1985	1985	9	16	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/17/1985	1985	9	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/18/1985	1985	9	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/19/1985	1985	9	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/20/1985	1985	9	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/21/1985	1985	9	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/22/1985	1985	9	22	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/23/1985	1985	9	23	5.7	0.00	630.96	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/24/1985	1985	9	24	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/25/1985	1985	9	25	5.4	0.00	597.75	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/26/1985	1985	9	26	0.4	13.12	44.28	57.40	0.00	0.00	0.00	0.00	0.00	0.00	57.40	0.00	0.00
9/27/1985	1985	9	27	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/28/1985	1985	9	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/29/1985	1985	9	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/30/1985	1985	9	30	4.9	0.00	542.40	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
10/1/1985	1985	10	1	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/2/1985	1985	10	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/1985	1985	10	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/4/1985	1985	10	4	6	0.00	664.16	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/5/1985	1985	10	5	4.4	13.12	487.05	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/6/1985	1985	10	6	0.5	13.12	55.35	68.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.47	0.00
10/7/1985	1985	10	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/8/1985	1985	10	8	7.8	0.00	863.41	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/9/1985	1985	10	9	1	13.12	110.69	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/10/1985	1985	10	10	2.6	13.12	287.80	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/11/1985	1985	10	11	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/12/1985	1985	10	12	15.9	0.00	1760.03	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/13/1985	1985	10	13	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/14/1985	1985	10	14	6.2	0.00	686.30	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/15/1985	1985	10	15	2.5	13.12	276.74	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/16/1985	1985	10	16	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/17/1985	1985	10	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/1985	1985	10	18	18.1	0.00	2003.56	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/19/1985	1985	10	19	1.2	13.12	132.83	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/20/1985	1985	10	20	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/21/1985	1985	10	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/1985	1985	10	22	0.5	0.00	55.35	55.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.35	0.00
10/23/1985	1985	10	23	2.5	0.00	276.74	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/24/1985	1985	10	24	5.6	13.12	619.89	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/25/1985	1985	10	25	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/26/1985	1985	10	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/1985	1985	10	27	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/1985	1985	10	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/1985	1985	10	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30/1985	1985	10	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/1985	1985	10	31	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/1/1985	1985	11	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/2/1985	1985	11	2	9	0.00	996.25	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/3/1985	1985	11	3	17.8	13.12	1970.35	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/4/1985	1985	11	4	16.4	13.12	1815.38	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/5/1985	1985	11	5	0.9	13.12	99.62	105.02	7.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/6/1985	1985	11	6	0.2	7.73	22.14	29.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.87
11/7/1985	1985	11	7	2.2	0.00	243.53	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/8/1985	1985	11	8	3.4	13.12	376.36	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/9/1985	1985	11	9	26.3	13.12	2911.25	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/10/1985	1985	11	10	1.4	13.12	154.97	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/11/1985	1985	11	11	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/12/1985	1985	11	12	10.2	0.00	1129.08	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/13/1985	1985	11	13	2.5	13.12	276.74	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/14/1985	1985	11	14	12.8	13.12	1416.88	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/15/1985	1985	11	15	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/16/1985	1985	11	16	8.4	0.00	929.83	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/17/1985	1985	11	17	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/18/1985	1985	11	18	6.6	0.00	730.58	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/19/1985	1985	11	19	4.6	13.12	509.19	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/20/1985	1985	11	20	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/21/1985	1985	11	21	1.8	0.00	199.25	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/22/1985	1985	11	22	8.4	13.12	929.83	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/23/1985	1985	11	23	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/24/1985	1985	11	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/25/1985	1985	11	25	9.1	0.00	1007.32	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/26/1985	1985	11	26	1.5	13.12	166.04	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/27/1985	1985	11	27	1	13.12	110.69	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/28/1985	1985	11	28	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/29/1985	1985	11	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/30/1985	1985	11	30	1.6	0.00	177.11	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
12/1/1985	1985	12	1	13.6	13.12	1505.44	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/2/1985	1985	12	2	4.6	13.12	509.19	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/3/1985	1985	12	3	0	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/4/1985	1985	12	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/5/1985	1985	12	5	2.2	0.00	243.53	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/6/1985	1985	12	6	0	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/7/1985	1985	12	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/8/1985	1985	12	8	1	0.00	110.69	0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/9/1985	1985	12	9	1.7	5.67	188.18	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/10/1985	1985	12	10	3.2	13.12	354.22	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/11/1985	1985	12	11	5.1	13.12	564.54	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/12/1985	1985	12	12	0.4	13.12	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/13/1985	1985	12	13	3.5	0.00	387.43	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/14/1985	1985	12	14	7.8	13.12	863.41	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/15/1985	1985	12	15	6.6	13.12	730.58	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/16/1985	1985	12	16	11	13.12	1217.63	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/17/1985	1985	12	17	3.2	13.12	354.22	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/18/1985	1985	12	18	5	13.12	553.47	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/19/1985	1985	12	19	2.4	13.12	265.67	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/20/1985	1985	12	20	2.6	13.12	287.80	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/21/1985	1985	12	21	2.4	13.12	265.67	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/22/1985	1985	12	22	4.2	13.12	464.91	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/23/1985	1985	12	23	4	13.12	442.78	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/24/1985	1985	12	24	0.4	13.12	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/25/1985	1985	12	25	3.8	0.00	420.64	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/26/1985	1985	12	26	14.6	13.12	1616.13	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/27/1985	1985	12	27	12	13.12	1328.33	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/28/1985	1985	12	28	1.2	13.12	132.83	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/29/1985	1985	12	29	3.6	13.12	398.50	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/30/1985	1985	12	30	0.2	13.12	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/31/1985	1985	12	31	2.8	0.00	309.94	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/1/1986	1986	1	1	0.4	13.12	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/2/1986	1986	1	2	3.2	0.00	354.22	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/3/1986	1986	1	3	1.6	13.12	177.11	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/4/1986	1986	1	4	1.8	13.12	199.25	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/5/1986	1986	1	5	0.4	13.12	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/6/1986	1986	1	6	1	0.00	110.69	0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/7/1986	1986	1	7	0	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/8/1986	1986	1	8	0.4	0.00	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/9/1986	1986	1	9	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/10/1986	1986	1	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/11/1986	1986	1	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/12/1986	1986	1	12	6.6	0.00	730.58	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/13/1986	1986	1	13	0.8	13.12	88.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/14/1986	1986	1	14	0.4	0.00	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/15/1986	1986	1	15	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/16/1986	1986	1	16	1.4	0.00	154.97	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/17/1986	1986	1	17	1.8	13.12	199.25	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/18/1986	1986	1	18	2.9	13.12	321.01	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/19/1986	1986	1	19	4.1	13.12	453.85	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/20/1986	1986	1	20	0	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/21/1986	1986	1	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/22/1986	1986	1	22	0.2	0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/23/1986	1986	1	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/24/1986	1986	1	24	0.8	0.00	88.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/25/1986	1986	1	25	3.6	0.00	398.50	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/26/1986	1986	1	26	0.4	13.12	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/27/1986	1986	1	27	1	0.00	110.69	0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/28/1986	1986	1	28	0.4	5.67	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/29/1986	1986	1	29	1.2	0.00	132.83	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/30/1986	1986	1	30	0	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/31/1986	1986	1	31	0.2	0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/1/1986	1986	2	1	10	0.00	1106.94	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/2/1986	1986	2	2	0	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/3/1986	1986	2	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/4/1986	1986	2	4	15.2	0.00	1682.55	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/5/1986	1986	2	5	0	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/6/1986	1986	2	6	0.6	0.00	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/7/1986	1986	2	7	6.6	0.00	730.58	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/8/1986	1986	2	8	0.4	13.12	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/9/1986	1986	2	9	1.6	0.00	177.11	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/10/1986	1986	2	10	0	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/11/1986	1986	2	11	0.2	0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/12/1986	1986	2	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/13/1986	1986	2	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/14/1986	1986	2	14	2	0.00	221.39	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/15/1986	1986	2	15	2.2	13.12	243.53	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/16/1986	1986	2	16	2.8	13.12	309.94	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2/17/1986	1986	2	17	1	13.12	110.69	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/18/1986	1986	2	18	0.4	13.12	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/19/1986	1986	2	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/20/1986	1986	2	20	3.6	0.00	398.50	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/21/1986	1986	2	21	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/22/1986	1986	2	22	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/23/1986	1986	2	23	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/24/1986	1986	2	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/25/1986	1986	2	25	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/26/1986	1986	2	26	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/27/1986	1986	2	27	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/28/1986	1986	2	28	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/1/1986	1986	3	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/2/1986	1986	3	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/3/1986	1986	3	3	2.4	0.00	265.67	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/4/1986	1986	3	4	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/5/1986	1986	3	5	2.6	0.00	287.80	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/6/1986	1986	3	6	12.2	13.12	1350.47	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/7/1986	1986	3	7	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/8/1986	1986	3	8	1.4	0.00	154.97	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/9/1986	1986	3	9	8.6	13.12	951.97	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/10/1986	1986	3	10	9.8	13.12	1084.80	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/11/1986	1986	3	11	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/12/1986	1986	3	12	9.6	0.00	1062.66	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/13/1986	1986	3	13	2.8	13.12	309.94	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/14/1986	1986	3	14	0.3	13.12	33.21	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/15/1986	1986	3	15	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/16/1986	1986	3	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/17/1986	1986	3	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/18/1986	1986	3	18	12.8	0.00	1416.88	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/19/1986	1986	3	19	0.5	13.12	55.35	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/20/1986	1986	3	20	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/21/1986	1986	3	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/22/1986	1986	3	22	1.1	0.00	121.76	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/23/1986	1986	3	23	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/24/1986	1986	3	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/25/1986	1986	3	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/26/1986	1986	3	26	3.7	0.00	409.57	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/27/1986	1986	3	27	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/28/1986	1986	3	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/29/1986	1986	3	29	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/30/1986	1986	3	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/31/1986	1986	3	31	0	0.00	0.00	0.00	0.00	30540.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/1/1986	1986	4	1	3.6	30540.47	398.50	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/2/1986	1986	4	2	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/3/1986	1986	4	3	0.7	0.00	77.49	77.49	0.00		77.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/4/1986	1986	4	4	1.7	0.00	188.18	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/5/1986	1986	4	5	10	13.12	1106.94	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/6/1986	1986	4	6	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/7/1986	1986	4	7	0.5	0.00	55.35	55.35	0.00		55.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/8/1986	1986	4	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/9/1986	1986	4	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/10/1986	1986	4	10	4.8	0.00	531.33	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/11/1986	1986	4	11	0.6	13.12	66.42	79.54	0.00		79.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/12/1986	1986	4	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/13/1986	1986	4	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/14/1986	1986	4	14	3.2	0.00	354.22	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/15/1986	1986	4	15	11	13.12	1217.63	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/16/1986	1986	4	16	2.3	13.12	254.60	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/17/1986	1986	4	17	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/1986	1986	4	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/19/1986	1986	4	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/20/1986	1986	4	20	21.8	0.00	2413.13	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/1986	1986	4	21	2.2	13.12	243.53	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/22/1986	1986	4	22	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/1986	1986	4	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/1986	1986	4	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/25/1986	1986	4	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/26/1986	1986	4	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/27/1986	1986	4	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/28/1986	1986	4	28	0.2	0.00	22.14	22.14	0.00		22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/29/1986	1986	4	29	0.2	0.00	22.14	22.14	0.00		22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/30/1986	1986	4	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/1/1986	1986	5	1	3	0.00	332.08	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/2/1986	1986	5	2	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/3/1986	1986	5	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/4/1986	1986	5	4	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/5/1986	1986	5	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/6/1986	1986	5	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/7/1986	1986	5	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/8/1986	1986	5	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/9/1986	1986	5	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/10/1986	1986	5	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/11/1986	1986	5	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/12/1986	1986	5	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/13/1986	1986	5	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/14/1986	1986	5	14	3.2	0.00	354.22	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/15/1986	1986	5	15	11.8	13.12	1306.19	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/16/1986	1986	5	16	0.5	13.12	55.35	68.47	0.00		0.00	68.47	0.00	0.00	0.00	0.00	0.00	0.00
5/17/1986	1986	5	17	1.1	0.00	121.76	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/18/1986	1986	5	18	25.7	13.12	2844.84	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/19/1986	1986	5	19	8.2	13.12	907.69	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/20/1986	1986	5	20	31.2	13.12	3453.65	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/21/1986	1986	5	21	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/22/1986	1986	5	22	17.7	0.00	1959.28	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/23/1986	1986	5	23	0.2	13.12	22.14	35.26	0.00		0.00	35.26	0.00	0.00	0.00	0.00	0.00	0.00
5/24/1986	1986	5	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/25/1986	1986	5	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/26/1986	1986	5	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/27/1986	1986	5	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/28/1986	1986	5	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/29/1986	1986	5	29	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/30/1986	1986	5	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/31/1986	1986	5	31	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/1/1986	1986	6	1	1.3	0.00	143.90	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/2/1986	1986	6	2	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/3/1986	1986	6	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/4/1986	1986	6	4	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/5/1986	1986	6	5	0.6	0.00	66.42	66.42	0.00		0.00	0.00	66.42	0.00	0.00	0.00	0.00	0.00
6/6/1986	1986	6	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/7/1986	1986	6	7	12	0.00	1328.33	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/8/1986	1986	6	8	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/9/1986	1986	6	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/10/1986	1986	6	10	14.6	0.00	1616.13	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/11/1986	1986	6	11	19.7	13.12	2180.67	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/12/1986	1986	6	12	0.6	13.12	66.42	79.54	0.00		0.00	0.00	79.54	0.00	0.00	0.00	0.00	0.00
6/13/1986	1986	6	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/14/1986	1986	6	14	0.2	0.00	22.14	22.14	0.00		0.00	0.00	22.14	0.00	0.00	0.00	0.00	0.00
6/15/1986	1986	6	15	0.5	0.00	55.35	55.35	0.00		0.00	0.00	55.35	0.00	0.00	0.00	0.00	0.00
6/16/1986	1986	6	16	6.8	0.00	752.72	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/17/1986	1986	6	17	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/18/1986	1986	6	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/19/1986	1986	6	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/20/1986	1986	6	20	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/21/1986	1986	6	21	7.2	0.00	797.00	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/22/1986	1986	6	22	13.9	13.12	1538.65	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/23/1986	1986	6	23	5.3	13.12	586.68	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/24/1986	1986	6	24	0.2	13.12	22.14	35.26	0.00		0.00	0.00	35.26	0.00	0.00	0.00	0.00	0.00
6/25/1986	1986	6	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/26/1986	1986	6	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/27/1986	1986	6	27	14.3	0.00	1582.92	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/28/1986	1986	6	28	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/29/1986	1986	6	29	1	0.00	110.69	105.02	5.67		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/30/1986	1986	6	30	0	5.67	0.00	5.67	0.00		0.00	0.00	5.67	0.00	0.00	0.00	0.00	0.00
7/1/1986	1986	7	1	7.2	0.00	797.00	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/2/1986	1986	7	2	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/3/1986	1986	7	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/4/1986	1986	7	4	1.8	0.00	199.25	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/5/1986	1986	7	5	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/6/1986	1986	7	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/7/1986	1986	7	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/8/1986	1986	7	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/9/1986	1986	7	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/10/1986	1986	7	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/11/1986	1986	7	11	5.6	0.00	619.89	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/12/1986	1986	7	12	8.5	13.12	940.90	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/13/1986	1986	7	13	3.7	13.12	409.57	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/14/1986	1986	7	14	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/15/1986	1986	7	15	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/16/1986	1986	7	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/17/1986	1986	7	17	27.9	0.00	3088.36	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/18/1986	1986	7	18	3.6	13.12	398.50	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/19/1986	1986	7	19	2	13.12	221.39	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/20/1986	1986	7	20	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/21/1986	1986	7	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/22/1986	1986	7	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/23/1986	1986	7	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/24/1986	1986	7	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/25/1986	1986	7	25	20.1	0.00	2224.95	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/26/1986	1986	7	26	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/27/1986	1986	7	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/28/1986	1986	7	28	0.8	0.00	88.56	88.56	0.00		0.00	0.00	0.00	88.56	0.00	0.00	0.00	0.00
7/29/1986	1986	7	29	0.4	0.00	44.28	44.28	0.00		0.00	0.00	0.00	44.28	0.00	0.00	0.00	0.00
7/30/1986	1986	7	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/31/1986	1986	7	31	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/1/1986	1986	8	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/2/1986	1986	8	2	4.3	0.00	475.98	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/3/1986	1986	8	3	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/4/1986	1986	8	4	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/5/1986	1986	8	5	2.5	0.00	276.74	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/6/1986	1986	8	6	4.2	13.12	464.91	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/7/1986	1986	8	7	1.9	13.12	210.32	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/8/1986	1986	8	8	18.6	13.12	2058.91	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/9/1986	1986	8	9	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/10/1986	1986	8	10	2.9	0.00	321.01	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/11/1986	1986	8	11	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/12/1986	1986	8	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/13/1986	1986	8	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/14/1986	1986	8	14	3.9	0.00	431.71	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/15/1986	1986	8	15	2	13.12	221.39	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/16/1986	1986	8	16	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/17/1986	1986	8	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/18/1986	1986	8	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/19/1986	1986	8	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/20/1986	1986	8	20	13.2	0.00	1461.16	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/21/1986	1986	8	21	0.3	13.12	33.21	46.33	0.00		0.00	0.00	0.00	0.00	46.33	0.00	0.00	0.00
8/22/1986	1986	8	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/23/1986	1986	8	23	17.4	0.00	1926.08	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/24/1986	1986	8	24	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/25/1986	1986	8	25	0.5	0.00	55.35	55.35	0.00		0.00	0.00	0.00	0.00	55.35	0.00	0.00	0.00
8/26/1986	1986	8	26	92.2	0.00	10205.99	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/27/1986	1986	8	27	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/28/1986	1986	8	28	1.1	0.00	121.76	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/29/1986	1986	8	29	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/30/1986	1986	8	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/31/1986	1986	8	31	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/1/1986	1986	9	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/2/1986	1986	9	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/3/1986	1986	9	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/4/1986	1986	9	4	15	0.00	1660.41	105.02	13.12		0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/5/1986	1986	9	5	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/6/1986	1986	9	6	0.6	0.00	66.42	66.42	0.00		0.00	0.00	0.00	0.00	0.00	66.42	0.00	0.00
9/7/1986	1986	9	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/8/1986	1986	9	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/9/1986	1986	9	9	1	0.00	110.69	105.02	5.67		0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/10/1986	1986	9	10	96.1	5.67	10637.69	105.02	13.12		0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/11/1986	1986	9	11	27.5	13.12	3044.09	105.02	13.12		0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/12/1986	1986	9	12	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/13/1986	1986	9	13	0.8	0.00	88.56	88.56	0.00		0.00	0.00	0.00	0.00	0.00	88.56	0.00	0.00
9/14/1986	1986	9	14	1.1	0.00	121.76	105.02	13.12		0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/15/1986	1986	9	15	14.7	13.12	1627.20	105.02	13.12		0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00

9/16/1986	1986	9	16	0	13.12	0.00	13.12	0.00															
9/17/1986	1986	9	17	0	0.00	0.00	0.00	0.00															
9/18/1986	1986	9	18	0	0.00	0.00	0.00	0.00															
9/19/1986	1986	9	19	7.3	0.00	808.07	105.02	13.12															
9/20/1986	1986	9	20	0.9	13.12	99.62	105.02	7.73															
9/21/1986	1986	9	21	4.8	7.73	531.33	105.02	13.12															
9/22/1986	1986	9	22	23.6	13.12	2612.38	105.02	13.12															
9/23/1986	1986	9	23	1.5	13.12	166.04	105.02	13.12															
9/24/1986	1986	9	24	0	13.12	0.00	13.12	0.00															
9/25/1986	1986	9	25	0	0.00	0.00	0.00	0.00															
9/26/1986	1986	9	26	1.9	0.00	210.32	105.02	13.12															
9/27/1986	1986	9	27	0.4	13.12	44.28	57.40	0.00															
9/28/1986	1986	9	28	2.9	0.00	321.01	105.02	13.12															
9/29/1986	1986	9	29	55	13.12	6088.17	105.02	13.12															
9/30/1986	1986	9	30	5.8	13.12	642.03	105.02	13.12															
10/1/1986	1986	10	1	8.8	13.12	974.11	105.02	13.12															
10/2/1986	1986	10	2	3.4	13.12	376.36	105.02	13.12															
10/3/1986	1986	10	3	1.4	13.12	154.97	105.02	13.12															
10/4/1986	1986	10	4	9.2	13.12	1018.38	105.02	13.12															
10/5/1986	1986	10	5	6	13.12	664.16	105.02	13.12															
10/6/1986	1986	10	6	0	13.12	0.00	13.12	0.00															
10/7/1986	1986	10	7	0.2	0.00	22.14	22.14	0.00															
10/8/1986	1986	10	8	1.9	0.00	210.32	105.02	13.12															
10/9/1986	1986	10	9	0	13.12	0.00	13.12	0.00															
10/10/1986	1986	10	10	0	0.00	0.00	0.00	0.00															
10/11/1986	1986	10	11	0	0.00	0.00	0.00	0.00															
10/12/1986	1986	10	12	7.1	0.00	785.93	105.02	13.12															
10/13/1986	1986	10	13	13.4	13.12	1483.30	105.02	13.12															
10/14/1986	1986	10	14	4.4	13.12	487.05	105.02	13.12															
10/15/1986	1986	10	15	1	13.12	110.69	105.02	13.12															
10/16/1986	1986	10	16	0.7	13.12	77.49	90.61	0.00															
10/17/1986	1986	10	17	0.9	0.00	99.62	99.62	0.00															
10/18/1986	1986	10	18	0	0.00	0.00	0.00	0.00															
10/19/1986	1986	10	19	0	0.00	0.00	0.00	0.00															
10/20/1986	1986	10	20	0	0.00	0.00	0.00	0.00															
10/21/1986	1986	10	21	0	0.00	0.00	0.00	0.00															
10/22/1986	1986	10	22	0.4	0.00	44.28	44.28	0.00															
10/23/1986	1986	10	23	0	0.00	0.00	0.00	0.00															
10/24/1986	1986	10	24	0	0.00	0.00	0.00	0.00															
10/25/1986	1986	10	25	1.2	0.00	132.83	105.02	13.12															
10/26/1986	1986	10	26	2.5	13.12	276.74	105.02	13.12															
10/27/1986	1986	10	27	15.1	13.12	1671.48	105.02	13.12															
10/28/1986	1986	10	28	0	13.12	0.00	13.12	0.00															
10/29/1986	1986	10	29	1.1	0.00	121.76	105.02	13.12															
10/30/1986	1986	10	30	0	13.12	0.00	13.12	0.00															
10/31/1986	1986	10	31	0	0.00	0.00	0.00	0.00															
11/1/1986	1986	11	1	3.6	0.00	398.50	105.02	13.12															
11/2/1986	1986	11	2	0	13.12	0.00	13.12	0.00															
11/3/1986	1986	11	3	1	0.00	110.69	105.02	5.67															
11/4/1986	1986	11	4	0	5.67	0.00	5.67	0.00															
11/5/1986	1986	11	5	0	0.00	0.00	0.00	0.00															
11/6/1986	1986	11	6	0	0.00	0.00	0.00	0.00															
11/7/1986	1986	11	7	1.6	0.00	177.11	105.02	13.12															
11/8/1986	1986	11	8	0.9	13.12	99.62	105.02	7.73															
11/9/1986	1986	11	9	0	7.73	0.00	7.73	0.00															
11/10/1986	1986	11	10	0	0.00	0.00	0.00	0.00															
11/11/1986	1986	11	11	0.8	0.00	88.56	88.56	0.00															
11/12/1986	1986	11	12	1.8	0.00	199.25	105.02	13.12															
11/13/1986	1986	11	13	0.6	13.12	66.42	79.54	0.00															
11/14/1986	1986	11	14	0	0.00	0.00	0.00	0.00															
11/15/1986	1986	11	15	0	0.00	0.00	0.00	0.00															
11/16/1986	1986	11	16	0.2	0.00	22.14	22.14	0.00															
11/17/1986	1986	11	17	0	0.00	0.00	0.00	0.00															
11/18/1986	1986	11	18	0	0.00	0.00	0.00	0.00															
11/19/1986	1986	11	19	1.8	0.00	199.25	105.02	13.12															
11/20/1986	1986	11	20	19.2	13.12	2125.32	105.02	13.12															
11/21/1986	1986	11	21	0	13.12	0.00	13.12	0.00															
11/22/1986	1986	11	22	0	0.00	0.00	0.00	0.00															
11/23/1986	1986	11	23	1	0.00	110.69	105.02	5.67															
11/24/1986	1986	11	24	0.2	5.67	22.14	27.81	0.00															
11/25/1986	1986	11	25	3.1	0.00	343.15	105.02	13.12															
11/26/1986	1986	11	26	10.2	13.12	1129.08	105.02	13.12															
11/27/1986	1986	11	27	0	13.12	0.00	13.12	0.00															
11/28/1986	1986	11	28	0	0.00	0.00	0.00	0.00															
11/29/1986	1986	11	29	0	0.00	0.00	0.00	0.00															
11/30/1986	1986	11	30	0	0.00	0.00	0.00	0.00															
12/1/1986	1986	12	1	8.8	0.00	974.11	0.00	13.12															
12/2/1986	1986	12	2	17.7	13.12	1959.28	0.00	13.12															
12/3/1986	1986	12	3	4	13.12	442.78	0.00	13.12															
12/4/1986	1986	12	4	1.4	13.12	154.97	0.00	13.12															
12/5/1986	1986	12	5	0.8	13.12	88.56	0.00	0.00															
12/6/1986	1986	12	6	5.2	0.00	575.61	0.00	13.12															
12/7/1986	1986	12	7	3.2	13.12	354.22	0.00	13.12															
12/8/1986	1986	12	8	6.8	13.12	752.72	0.00	13.12															
12/9/1986	1986	12	9	8.3	13.12	918.76	0.00	13.12															
12/10/1986	1986	12	10	1.2	13.12	132.83	0.00	13.12															
12/11/1986	1986	12	11	1	13.12	110.69	0.00	13.12															
12/12/1986	1986	12	12	2	13.12	221.39	0.00	13.12															
12/13/1986	1986	12	13	0	13.12	0.00	0.00	0.00															
12/14/1986	1986	12	14	0	0.00	0.00	0.00	0.00															
12/15/1986	1986	12	15	0	0.00	0.00	0.00	0.00															
12/16/1986	1986	12	16	0	0.00	0.00	0.00	0.00															
12/17/1986	1986	12	17	5.6	0.00	619.89	0.00	13.12															
12/18/1986	1986	12	18	1.9	13.12	210.32	0.00	13.12															
12/19/1986	1986	12	19	0	13.12	0.00	0.00	0.00															
12/20/1986	1986	12	20	0	0.00	0.00	0.00	0.00															
12/21/1986	1986	12	21	0	0.00	0.00	0.00	0.00															
12/22/1986	1986	12	22	0	0.00	0.00	0.00	0.00															
12/23/1986	1986	12	23	0	0.00	0.00	0.00	0.00															
12/24/1986	1986	12	24	15.3	0.00	1693.62	0.00	13.12															
12/25/1986	1986	12	25	0	13.12	0.00	0.00	0.00															
12/26/1986	1986	12	26	0	0.00	0.00	0.00	0.00															
12/27/1986	1986	12	27	0	0.00	0.00	0.00	0.00															
12/28/1986	1986	12	28	0	0.00	0.00	0.00	0.00															
12/29/1986	1986	12	29	0	0.00	0.00	0.00	0.00															
12/30/1986	1986	12	30	0	0.00	0.00	0.00	0.00															
12/31/1986	1986	12	31	0	0.00	0.00	0.00	0.00															
1/1/1987	1987	1	1	4	0.00	442.78	0.00	13.12															
1/2/1987	1987	1	2	1	13.12	110.69	0.00	13.12															
1/3/1987	1987	1	3	0	13.12	0.00	0.00	0.00															
1/4/1987	1987	1	4	0	0.00	0.00	0.00	0.00															
1/5/1987	1987	1	5	0	0.00	0.00	0.00	0.00															
1/6/1987	1987	1	6	1	0.00	110.69	0.00	5.67															
1/7/1987	1987	1	7	0.2	5.67	22.14	0.00	0.00															
1/8/1987	1987	1	8	0.2	0.00	22.14	0.00	0.00															
1/9/1987	1987	1	9	8.4	0.00	929.83	0.00	13.12															
1/10/1987	1987	1	10	6.8	13.12	752.72	0.00	13.12															
1/11/1987	1987	1	11	0.2	13.12	22.14	0.00	0.00															
1/12/1987	1987	1	12	0	0.00	0.00	0.00	0.00															
1/13/1987	1987	1	13	0	0.00	0.00	0.00	0.00															
1/14/1987	1987	1	14	1.7	0.00	188.18	0.00	13.12															
1/15/1987	1987	1	15	0.2	13.12	22.14	0.00	0.00															
1/16/1987	1987	1	16	0	0.00	0.00	0.00	0.00															
1/17/1987	1987	1	17	7.8	0.00	863.41	0.00	13.12															
1/18/1987	1987	1	18	2.8	13.12	309.94	0.00	13.12															
1/19/1987	1987	1	19	12.2	13.12	1350.47	0.00	13.12															
1/20/1987	1987	1	20	3.8	13.12	420.64	0.00	13.12															
1/21/1987	1987	1	21	0.6	13.12	66.42	0.00	0.00															
1/22/1987	1987	1	22	0.2	0.00	22.14	0.00	0.00															
1/23/1987	1987	1	23	1.8	0.00	199.25	0.00	13.12															
1/24/1987	1987	1	24	1.6	13.12	177.11	0.00	13.12															
1/25/1987	1987	1	25	0	13.12	0.00	0.00	0.00															
1/26/1987	1987	1	26	0	0.00	0.00	0.00	0.00															
1/27/1987	1987	1	27	0.2	0.00	22.14	0.00	0.00															
1/28/1987	1987	1	28	1.4	0.00	154.97	0.00	13.12															
1/29/1987	1987	1	29	5.6	13.12	619.89	0.00	13.12															
1/30/1987	1987	1	30	13.2	13.12	1461.16	0.00	13.12															
1/31/1987	1987	1	31	0.4	13.12	44.28	0.00	0.00															
2/1/1987	1987	2	1	0	0.00	0.00	0.00	0.00															
2/2/1987	1987	2	2	4.4	0.00	487.05	0.00	13.12															
2/3/1987	1987	2	3	0.8	13.12	88.56	0.00	0.00															
2/4/1987	1987	2	4	1.8	0.00	199.25	0.00	13.12															
2/5/1987	1987	2	5	0	13.12	0.00	0.00	0.00															
2/6/1987	1987	2	6	0	0.00	0.00	0.00	0.00															
2/7/1987	1987	2	7	0	0.00	0.00	0.00	0.00															
2/8/1987	1987	2	8	2.4	0.00	265.67	0.00	13.12															
2/9/1987	1987	2	9	0	13.12	0.00	0.00	0.00															
2/10/1987	1987	2	10	0.2	0.00	22.14	0.00	0.00															
2/11/1987	1987	2	11	0	0.00	0.00	0.00	0.00															
2/12/1987	1987	2	12	0.4	0.00	44.28	0.00	0.00															
2/13/1987	1987	2	13	1	0.00	110.69	0.00	5.67															
2/14/1987	1987	2	14	0	5.67	0.00	0.00	0.00															
2/15/1987	1987	2	15	0	0.00	0.00	0.00	0.00															
2/16/1987	1987	2	16	0	0.00	0.00	0.00	0.00															
2/17/1987	1987	2	17	0	0.00	0.00	0.00	0.00															
2/18/1987	1987	2	18	0	0.00	0.00	0.00	0.00															
2/19/1987	1987	2	19	0	0.00	0.00	0.00	0.00															
2/20/1987	1987	2	20	0	0.00	0.00	0.00	0.00															
2/21/1987	1987	2	21	0	0.00	0.00	0.00	0.00															
2/22/1987	1987	2	22	0.6	0.00	66.42	0.00	0.00															
2/23/1987	1987	2	23	0	0.00	0.00	0.00	0.00															
2/24/1987	1987	2	24	0	0.00	0.00	0.00	0.00															
2/25/1987	1987	2	25	0	0.00	0.00	0.00	0.00															
2/26/1987	1987	2	26	0	0.00	0.00	0.00	0.00															
2/27/1987	1987	2	27	0	0.00	0.00	0.00	0.00															
2/28/1987	1987	2	28	5.4	0.00	597.75	0.00	13.12															
3/1/1987	1987	3	1	11	13.12	1217.63	0.00	13.12															
3/2/1987	1987	3	2	0.8	13.12	88.56	0.00	0.00															
3/3/1987	1987	3	3	1	0.00	110.69	0.00	5.67															
3/4/1987	1987	3	4	0	5.67	0.00	0.00	0.00															
3/5/1987	1987	3	5	0	0.00	0.00	0.00	0.00															
3/6/1987	1987	3	6	0	0.00	0.00	0.00	0.00															
3/7/1987	1987	3	7	0	0.00	0.00	0.00	0.00															
3/8/1987	1987	3	8	0	0.00	0.00	0.00	0.00															
3/9/1987	1987	3	9	0	0.00	0.00	0.00	0.00															
3/10/1987	1987	3	10	0	0.00	0.00	0.00	0.00															
3/11/1987	1987	3	11	0	0.00	0.00	0.00	0.00															
3/12/1987	1987	3	12	0	0.00	0.00	0.00	0.00															
3/13/1987	1987	3	13	0.4	0.00	44.28	0.00	0.00															
3/14/1987	1987	3	14	0	0.00	0.00	0.00	0.00															
3/15/1987	1987	3	15	0	0.00	0.00	0.00	0.00															
3/16/1987	1987	3	16	0	0.00	0.00	0.00	0.00															
3/17/1987	1987	3	17	0	0.00	0.00	0.00	0.00															
3/18/1987	1987	3	18	0	0.00	0.00	0.00	0.00															
3/19/1987	1987	3	19	0	0.00	0.00	0.00	0.00															
3/20/1987	1987	3	20	0	0.00	0.00	0.00	0.00															
3/21/1987	1987	3	21	0	0.00	0.00	0.00	0.00															
3/22/1987	1987	3	22	0	0.00	0.00	0.00	0.00															
3/23/1987	1987	3	23	0	0.00	0.00	0.00	0.00															
3/24/1987	1987	3	24	2	0.00	221.39	0.00	13.12															
3/25/1987	1987	3	25	10.5	13.12	1162.29	0.00	13.12															
3/26/1987	1987	3	26	0.6	13.12	66.42	0.00	0.00															
3/27/1987	1987	3	27	0.4	0.00	44.28	0.00	0.00															
3/28/1987	1987	3	28	0	0.00	0.00	0.00	0.00															
3/29/1987	1987	3	29	14.5	0.00	1605.06	0.00	13.12															
3/30/1987	1987	3	30	8.4	13.12	929.83	0.00	13.12															
3/31/1987	1987	3	31	6	13.12	664.16	0.00	13.12	25581.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/1/1987	1987	4	1	5.6	25581.38	619.89	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/2/1987	1987	4	2	2.6	13.12	287.80	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/3/1987	1987	4	3	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/4/1987	1987	4	4	3	0.00	332.08	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/5/1987	1987	4	5	5.8	13.12	642.03	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/6/1987	1987	4	6	1.1	13.12	121.76	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/7/1987	1987	4	7	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/8/1987	1987	4	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/9/1987	1987	4	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/10/1987	1987	4	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/11/1987	1987	4	11	0.3	0.00	33.21	33.21	0.00		33.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/12/1987	1987	4	12	11.1	0.00	1228.70	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/13/1987	1987	4	13	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/14/1987	1987	4	14	2.2	0.00	243.53	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4/15/1987	1987	4	15	0	13.12	0.00	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/16/1987	1987	4	16	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/17/1987	1987	4	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/1987	1987	4	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/19/1987	1987	4	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/20/1987	1987	4	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/1987	1987	4	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/22/1987	1987	4	22	1	0.00	110.69	105.02	5.67	105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/1987	1987	4	23	1.4	5.67	154.97	105.02	13.12	105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/1987	1987	4	24	0	13.12	0.00	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/25/1987	1987	4	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/26/1987	1987	4	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/27/1987	1987	4	27	7	0.00	774.86	105.02	13.12	105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/28/1987	1987	4	28	0.6	13.12	66.42	79.54	0.00	79.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/29/1987	1987	4	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/30/1987	1987	4	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/1/1987	1987	5	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/2/1987	1987	5	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/3/1987	1987	5	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/4/1987	1987	5	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/5/1987	1987	5	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/6/1987	1987	5	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/7/1987	1987	5	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/8/1987	1987	5	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/9/1987	1987	5	9	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/10/1987	1987	5	10	1.3	0.00	143.90	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/11/1987	1987	5	11	1.6	13.12	177.11	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/12/1987	1987	5	12	0	13.12	0.00	13.12	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/13/1987	1987	5	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/14/1987	1987	5	14	20.4	0.00	2258.16	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/15/1987	1987	5	15	0	13.12	0.00	13.12	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/16/1987	1987	5	16	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/17/1987	1987	5	17	2.9	0.00	321.01	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/18/1987	1987	5	18	3.2	13.12	354.22	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/19/1987	1987	5	19	5	13.12	553.47	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/20/1987	1987	5	20	0.2	13.12	22.14	35.26	0.00	0.00	35.26	0.00	0.00	0.00	0.00	0.00	0.00
5/21/1987	1987	5	21	0.2	0.00	22.14	22.14	0.00	0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00
5/22/1987	1987	5	22	3.4	0.00	376.36	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/23/1987	1987	5	23	0	13.12	0.00	13.12	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/24/1987	1987	5	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/25/1987	1987	5	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/26/1987	1987	5	26	5	0.00	553.47	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/27/1987	1987	5	27	0	13.12	0.00	13.12	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/28/1987	1987	5	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/29/1987	1987	5	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/30/1987	1987	5	30	1.3	0.00	143.90	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/31/1987	1987	5	31	0	13.12	0.00	13.12	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
6/1/1987	1987	6	1	5.4	0.00	597.75	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/2/1987	1987	6	2	0	13.12	0.00	13.12	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/3/1987	1987	6	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/4/1987	1987	6	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/5/1987	1987	6	5	0.8	0.00	88.56	88.56	0.00	0.00	0.00	88.56	0.00	0.00	0.00	0.00	0.00
6/6/1987	1987	6	6	2.4	0.00	265.67	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/7/1987	1987	6	7	2.8	13.12	309.94	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/8/1987	1987	6	8	0	13.12	0.00	13.12	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/9/1987	1987	6	9	0.2	0.00	22.14	22.14	0.00	0.00	0.00	22.14	0.00	0.00	0.00	0.00	0.00
6/10/1987	1987	6	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/11/1987	1987	6	11	4	0.00	442.78	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/12/1987	1987	6	12	0	13.12	0.00	13.12	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/13/1987	1987	6	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/14/1987	1987	6	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/15/1987	1987	6	15	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/16/1987	1987	6	16	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/17/1987	1987	6	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/18/1987	1987	6	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/19/1987	1987	6	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/20/1987	1987	6	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/21/1987	1987	6	21	28.8	0.00	3187.99	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/22/1987	1987	6	22	7.9	13.12	874.48	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/23/1987	1987	6	23	0	13.12	0.00	13.12	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/24/1987	1987	6	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/25/1987	1987	6	25	4.8	0.00	531.33	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/26/1987	1987	6	26	0	13.12	0.00	13.12	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/27/1987	1987	6	27	1.8	0.00	199.25	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/28/1987	1987	6	28	0	13.12	0.00	13.12	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/29/1987	1987	6	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/30/1987	1987	6	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/1/1987	1987	7	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/2/1987	1987	7	2	1	0.00	110.69	105.02	5.67	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/3/1987	1987	7	3	24.2	5.67	2678.79	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/4/1987	1987	7	4	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/5/1987	1987	7	5	1.9	0.00	210.32	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/6/1987	1987	7	6	0.4	13.12	44.28	57.40	0.00	0.00	0.00	0.00	57.40	0.00	0.00	0.00	0.00
7/7/1987	1987	7	7	32.3	0.00	3575.42	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/8/1987	1987	7	8	9.2	13.12	1018.38	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/9/1987	1987	7	9	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/10/1987	1987	7	10	6	0.00	664.16	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/11/1987	1987	7	11	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/12/1987	1987	7	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/13/1987	1987	7	13	29.6	0.00	3276.54	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/14/1987	1987	7	14	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	35.26	0.00	0.00	0.00	0.00
7/15/1987	1987	7	15	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/16/1987	1987	7	16	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/17/1987	1987	7	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/18/1987	1987	7	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/19/1987	1987	7	19	24	0.00	2656.66	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/20/1987	1987	7	20	2.6	13.12	287.80	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/21/1987	1987	7	21	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/22/1987	1987	7	22	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/23/1987	1987	7	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/24/1987	1987	7	24	24.2	0.00	2678.79	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/25/1987	1987	7	25	0.5	13.12	55.35	68.47	0.00	0.00	0.00	0.00	68.47	0.00	0.00	0.00	0.00
7/26/1987	1987	7	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/27/1987	1987	7	27	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/28/1987	1987	7	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/29/1987	1987	7	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/30/1987	1987	7	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/31/1987	1987	7	31	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/1/1987	1987	8	1	6.6	0.00	730.58	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/2/1987	1987	8	2	36.6	13.12	4051.40	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/3/1987	1987	8	3	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/4/1987	1987	8	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/5/1987	1987	8	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/6/1987	1987	8	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/7/1987	1987	8	7	9.4	0.00	1040.52	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/8/1987	1987	8	8	16.4	13.12	1815.38	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/9/1987	1987	8	9	9.3	13.12	1029.45	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/10/1987	1987	8	10	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/11/1987	1987	8	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/12/1987	1987	8	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/13/1987	1987	8	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/14/1987	1987	8	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/15/1987	1987	8	15	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/16/1987	1987	8	16	0.6	0.00	66.42	66.42	0.00	0.00	0.00	0.00	0.00	66.42	0.00	0.00	0.00
8/17/1987	1987	8	17	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	0.00	22.14	0.00	0.00	0.00
8/18/1987	1987	8	18	1	0.00	110.69	105.02	5.67	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/19/1987	1987	8	19	0	5.67	0.00	5.67	0.00	0.00	0.00	0.00	0.00	5.67	0.00	0.00	0.00
8/20/1987	1987	8	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/21/1987	1987	8	21	1.2	0.00	132.83	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/22/1987	1987	8	22	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/23/1987	1987	8	23	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	0.00	22.14	0.00	0.00	0.00
8/24/1987	1987	8	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/25/1987	1987	8	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/26/1987	1987	8	26	5.5	0.00	608.82	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/27/1987	1987	8	27	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/28/1987	1987	8	28	2.9	0.00	321.01	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/29/1987	1987	8	29	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/30/1987	1987	8	30	0.4	0.00	44.28	44.28	0.00	0.00	0.00	0.00	0.00	44.28	0.00	0.00	0.00
8/31/1987	1987	8	31	0.6	0.00	66.42	66.42	0.00	0.00	0.00	0.00	0.00	66.42	0.00	0.00	0.00
9/1/1987	1987	9	1	1.3	0.00	143.90	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/2/1987	1987	9	2	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/3/1987	1987	9	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/4/1987	1987	9	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/5/1987	1987	9	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/6/1987	1987	9	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/7/1987	1987	9	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/8/1987	1987	9	8	0.4	0.00	44.28	44.28	0.00	0.00	0.00	0.00	0.00	0.00	44.28	0.00	0.00
9/9/1987	1987	9	9	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/10/1987	1987	9	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/11/1987	1987	9	11	11.3	0.00	1250.84	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/12/1987	1987	9	12	3.2	13.12	354.22	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/13/1987	1987	9	13	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/14/1987	1987	9	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/1987	1987	9	15	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/1987	1987	9	16	8.9	0.00	985.18	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/17/1987	1987	9	17	31.2	13.12	3453.65	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/18/1987	1987	9	18	1.5	13.12	166.04	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/19/1987	1987	9	19	4.2	13.12	464.91	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/20/1987	1987	9	20	8.9	13.12	985.18	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/21/1987	1987	9	21	0.6	13.12	66.42	79.54	0.00	0.00	0.00	0.00	0.00	0.00	79.54	0.00	0.00
9/22/1987	1987	9	22	3.3	0.00	365.29	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/23/1987	1987	9	23	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/24/1987	1987	9	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/25/1987	1987	9	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/26/1987	1987	9	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/27/1987	1987	9	27	0.3	0.00	33.21	33.21	0.00	0.00	0.00	0.00	0.00	0.00	33.21	0.00	0.00
9/28/1987	1987	9	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/29/1987	1987	9	29	12.8	0.00	1416.88	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/30/1987	1987	9	30	1.9	13.12	210.32	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
10/1/1987	1987	10	1	2	13.12	221.39	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/2/1987	1987	10	2	1.7	13.12	188.18	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/3/1987	1987	10	3	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.26	0.00
10/4/1987	1987	10	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/1987	1987	10	5	1.9	0.00	210.32	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/6/1987	1987	10	6	2.9	13.12	321.01	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/7/1987	1987	10	7	8.3	13.12	918.76	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/8/1987	1987	10	8	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.26	0.00
10/9/1987	1987	10	9	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.14	0.00
10/10/1987	1987	10	10	0.8	0.00	88.56	88.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.56	0.00
10/11/1987	1987	10	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/12/1987	1987	10	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/1987	1987	10	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/1987	1987	10	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/1987	1987	10	15	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/1987	1987	10	16	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/1987	1987	10	17	2.8	0.00	309.94	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/18/1987	1987	10	18	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/19/1987	1987	10	19	0.4	0.00	44.28	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.28	0.00
10/20/1987	1987	10	20	2.8	0.00	309.94	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/21/1987	1987	10	21	1.7	13.12	188.18	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/22/1987	1987	10	22	4.2	13.12	464.91	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/23/1987	1987	10	23	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/24/1987	1987	10	24	18.5	0.00	2047.84	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/25/1987	1987	10	25	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/26/1987	1987	10	26	10.2	0.00	1129.08	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/27/1987	1987	10	27	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/28/1987	1987	10	28	1.9	0.00	210.32	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/29/1987	1987	10	29	1.1	13.12	121.76	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/30/1987	1987	10	30	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/31/1987	1987	10	31	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/1/1987	1987	11	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/2/1987	1987	11	2	2	0.00	221.39	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/3/1987	1987	11	3	1.1	13.12	121.76	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/4/1987	1987	11	4	0.3	13.12	33.21	46.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.33
11/5/1987	1987	11	5	12	0.00	1328.33	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/6/1987	1987	11	6	1.2	13.12	132.83	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/7/1987	1987	11	7	5.4	13.12	597.75	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/8/1987	1987	11	8	6	13.12	664.16	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/9/1987	1987	11	9	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/10/1987	1987	11	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/11/1987	1987	11	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

11/12/1987	1987	11	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/13/1987	1987	11	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/14/1987	1987	11	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/15/1987	1987	11	15	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/16/1987	1987	11	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/17/1987	1987	11	17	8	0.00	885.55	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/18/1987	1987	11	18	2.6	13.12	287.80	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/19/1987	1987	11	19	3.4	13.12	376.36	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/20/1987	1987	11	20	1.8	13.12	199.25	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/21/1987	1987	11	21	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/22/1987	1987	11	22	0.3	0.00	33.21	33.21	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.21
11/23/1987	1987	11	23	0.2	0.00	22.14	22.14	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.14
11/24/1987	1987	11	24	5.8	0.00	642.03	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/25/1987	1987	11	25	28.1	13.12	3110.50	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/26/1987	1987	11	26	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/27/1987	1987	11	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/28/1987	1987	11	28	8.6	0.00	951.97	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/29/1987	1987	11	29	3	13.12	332.08	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/30/1987	1987	11	30	2.1	13.12	232.46	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
12/1/1987	1987	12	1	0.8	13.12	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/2/1987	1987	12	2	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/3/1987	1987	12	3	2	0.00	221.39	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/4/1987	1987	12	4	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/5/1987	1987	12	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/6/1987	1987	12	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/7/1987	1987	12	7	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/8/1987	1987	12	8	4.5	0.00	498.12	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/9/1987	1987	12	9	5	13.12	553.47	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/10/1987	1987	12	10	0.2	13.12	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/11/1987	1987	12	11	2.6	0.00	287.80	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/12/1987	1987	12	12	4.6	13.12	509.19	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/13/1987	1987	12	13	0.2	13.12	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/14/1987	1987	12	14	3	0.00	332.08	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/15/1987	1987	12	15	22.9	13.12	2534.89	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/16/1987	1987	12	16	2.4	13.12	265.67	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/17/1987	1987	12	17	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/18/1987	1987	12	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/19/1987	1987	12	19	16.3	0.00	1804.31	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/20/1987	1987	12	20	4.2	13.12	464.91	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/21/1987	1987	12	21	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/22/1987	1987	12	22	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/23/1987	1987	12	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/24/1987	1987	12	24	5.9	0.00	653.09	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/25/1987	1987	12	25	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/26/1987	1987	12	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/27/1987	1987	12	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/28/1987	1987	12	28	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/29/1987	1987	12	29	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/30/1987	1987	12	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/31/1987	1987	12	31	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/1/1988	1988	1	1	1.8	0.00	199.25	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/2/1988	1988	1	2	0.6	13.12	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/3/1988	1988	1	3	1	0.00	110.69	0.00	5.67		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/4/1988	1988	1	4	5.2	5.67	575.61	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/5/1988	1988	1	5	2.6	13.12	287.80	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/6/1988	1988	1	6	0.6	13.12	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/7/1988	1988	1	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/8/1988	1988	1	8	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/9/1988	1988	1	9	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/10/1988	1988	1	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/11/1988	1988	1	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/12/1988	1988	1	12	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/13/1988	1988	1	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/14/1988	1988	1	14	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/15/1988	1988	1	15	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/16/1988	1988	1	16	1.8	0.00	199.25	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/17/1988	1988	1	17	12.5	13.12	1383.68	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/18/1988	1988	1	18	1	13.12	110.69	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/19/1988	1988	1	19	3.8	13.12	420.64	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/20/1988	1988	1	20	0.4	13.12	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/21/1988	1988	1	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/22/1988	1988	1	22	1.6	0.00	177.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/23/1988	1988	1	23	3	13.12	332.08	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/24/1988	1988	1	24	1	13.12	110.69	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/25/1988	1988	1	25	0.4	13.12	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/26/1988	1988	1	26	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/27/1988	1988	1	27	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/28/1988	1988	1	28	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/29/1988	1988	1	29	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/30/1988	1988	1	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/31/1988	1988	1	31	13.2	0.00	1461.16	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/1/1988	1988	2	1	11.4	13.12	1261.91	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/2/1988	1988	2	2	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/3/1988	1988	2	3	7.6	0.00	841.27	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/4/1988	1988	2	4	2	13.12	221.39	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/5/1988	1988	2	5	1	13.12	110.69	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/6/1988	1988	2	6	1.2	13.12	132.83	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/7/1988	1988	2	7	3.8	13.12	420.64	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/8/1988	1988	2	8	3.4	13.12	376.36	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/9/1988	1988	2	9	1.6	13.12	177.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/10/1988	1988	2	10	0.4	13.12	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/11/1988	1988	2	11	16.6	0.00	1837.52	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/12/1988	1988	2	12	6.4	13.12	708.44	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/13/1988	1988	2	13	1.4	13.12	154.97	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/14/1988	1988	2	14	6	13.12	664.16	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/15/1988	1988	2	15	1	13.12	110.69	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/16/1988	1988	2	16	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/17/1988	1988	2	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/18/1988	1988	2	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/19/1988	1988	2	19	15	0.00	1660.41	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/20/1988	1988	2	20	7.2	13.12	797.00	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/21/1988	1988	2	21	3.4	13.12	376.36	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/22/1988	1988	2	22	0.6	13.12	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/23/1988	1988	2	23	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/24/1988	1988	2	24	1.6	0.00	177.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/25/1988	1988	2	25	0.4	13.12	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/26/1988	1988	2	26	1	0.00	110.69	0.00	5.67		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/27/1988	1988	2	27	0	5.67	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/28/1988	1988	2	28	1.2	0.00	132.83	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/29/1988	1988	2	29	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/1/1988	1988	3	1	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/2/1988	1988	3	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/3/1988	1988	3	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/4/1988	1988	3	4	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/5/1988	1988	3	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/6/1988	1988	3	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/7/1988	1988	3	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/8/1988	1988	3	8	1.4	0.00	154.97	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/9/1988	1988	3	9	0.2	13.12	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/10/1988	1988	3	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/11/1988	1988	3	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/12/1988	1988	3	12	5.1	0.00	564.54	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/13/1988	1988	3	13	4.6	13.12	509.19	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/14/1988	1988	3	14	1.8	13.12	199.25	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/15/1988	1988	3	15	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/16/1988	1988	3	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/17/1988	1988	3	17	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/18/1988	1988	3	18	1.2	0.00	132.83	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/19/1988	1988	3	19	6.4	13.12	708.44	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/20/1988	1988	3	20	1	13.12	110.69	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/21/1988	1988	3	21	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/22/1988	1988	3	22	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/23/1988	1988	3	23	7.5	0.00	830.21	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/24/1988	1988	3	24	0.5	13.12	55.35	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/25/1988	1988	3	25	10.7	0.00	1184.43	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/26/1988	1988	3	26	1.6	13.12	177.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/27/1988	1988	3	27	0.6	13.12	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/28/1988	1988	3	28	1.4	0.00	154.97	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/29/1988	1988	3	29	0.9	13.12	99.62	0.00	7.73		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/30/1988	1988	3	30	0	7.73	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/31/1988	1988	3	31	0	29998.07	0.00	105.02	13.12	29998.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/1/1988	1988	4	1	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/2/1988	1988	4	2	5.7	0.00	630.96	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/3/1988	1988	4	3	16.4	13.12	1815.38	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/4/1988	1988	4	4	0.6	13.12	66.42	79.54	0.00		79.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/5/1988	1988	4	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/6/1988	1988	4	6	0.5	0.00	55.35	55.35	0.00		55.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/7/1988	1988	4	7	0.8	0.00	88.56	88.56	0.00		88.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/8/1988	1988	4	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/9/1988	1988	4	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/10/1988	1988	4	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/11/1988	1988	4	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/12/1988	1988	4	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/13/1988	1988	4	13	1.7	0.00	188.18	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/14/1988	1988	4	14	7.2	13.12	797.00	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/15/1988	1988	4	15	0.2	13.12	22.14	35.26	0.00		35.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/16/1988	1988	4	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/17/1988	1988	4	17	7.2	0.00	797.00	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/1988	1988	4	18	0.2	13.12	22.14	35.26	0.00		35.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/19/1988	1988	4	19	0.6	0.00	66.42	66.42	0.00		66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/20/1988	1988	4	20	9.1	0.00	1007.32	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/1988	1988	4	21	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/22/1988	1988	4	22	7.2	0.00	797.00	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/1988	1988	4	23	0.6	13.12	66.42	79.54	0.00		79.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/1988	1988	4	24	0.4	0.00	44.28	44.28	0.00		44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/25/1988	1988	4	25	0.6	0.00	66.42	66.42	0.00		66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/26/1988	1988	4	26	0.4	0.00	44.28	44.28	0.00		44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/27/1988	1988	4	27	6.1	0.00	675.23	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/28/1988	1988	4	28	0.8	13.12	88.56	101.68	0.00		101.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/29/1988	1988	4	29	4.4	0.00	487.05	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/30/1988	1988	4	30	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/1/1988	1988	5	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/2/1988	1988	5	2	0.3	0.00	33.21	33.21	0.00		0.00	33.21	0.00	0.00	0.00	0.00	0.00	0.00
5/3/1988	1988	5	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/4/1988	1988	5	4	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/5/1988	1988	5	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/6/1988	1988	5	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/7/1988	1988	5	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/8/1988	1988	5	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/9/1988	1988	5	9	15.4	0.00	1704.69	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/10/1988	1988	5	10	0.7	13.12	77.49	90.61	0.00		0.00	90.61	0.00	0.00	0.00	0.00	0.00	0.00
5/11/1988	1988	5	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/12/1988	1988	5	12	0.8	0.00	88.56	88.56	0.00		0.00	88.56	0.00	0.00	0.00	0.00	0.00	0.00
5/13/1988	1988	5	13	3.7	0.00	409.57	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/14/1988	1988	5	14	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/15/1988	1988	5	15	18.1	0.00	2003.56	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/16/1988	1988	5	16	0.5	13.12	55.35	68.47	0.00		0.00	68.47	0.00	0.00	0.00	0.00	0.00	0.00
5/17/1988	1988	5	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/18/1988	1988	5	18	1.4	0.00	154.97	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/19/1988	1988	5	19	2.3	13.12	254.60	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/20/1988	1988	5	20	1.9	13.12	210.32	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/21/1988	1988	5	21	1.8	13.12	199.25	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/22/1988	1988	5	22	0.2	13.12	22.14	35.26	0.00		0.00	35.26	0.00	0.00	0.00	0.00	0.00	0.00
5/23/1988	1988	5	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/24/1988	1988	5	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/25/1988	1988	5	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/26/1988	1988	5	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/27/1988	1988	5	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/28/1988	1988	5	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/29/1988	1988	5	29	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/30/1988	1988	5	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/31/1988	1988	5	31	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/1/1988	1988	6	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/2/1988	1988	6	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/3/1988	1988	6	3	0.2	0.00	22.14	22.14	0.00		0.00	0.00	22.14	0.00	0.00	0.00	0.00	0.00
6/4/1988	1988	6	4	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/5/1988	1988	6	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/6/1988	1988	6	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/7/1988	1988	6	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/8/1988	1988	6	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/9/1988	1988	6	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

6/10/1988	1988	6	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/11/1988	1988	6	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/12/1988	1988	6	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/13/1988	1988	6	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/14/1988	1988	6	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/15/1988	1988	6	15	3.6	0.00	398.50	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/16/1988	1988	6	16	0	13.12	0.00	13.12	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/17/1988	1988	6	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/18/1988	1988	6	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/19/1988	1988	6	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/20/1988	1988	6	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/21/1988	1988	6	21	0.8	0.00	88.56	88.56	0.00	0.00	0.00	88.56	0.00	0.00	0.00	0.00	0.00
6/22/1988	1988	6	22	0.8	0.00	88.56	88.56	0.00	0.00	0.00	88.56	0.00	0.00	0.00	0.00	0.00
6/23/1988	1988	6	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/24/1988	1988	6	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/25/1988	1988	6	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/26/1988	1988	6	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/27/1988	1988	6	27	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/28/1988	1988	6	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/29/1988	1988	6	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/30/1988	1988	6	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/1/1988	1988	7	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/2/1988	1988	7	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/3/1988	1988	7	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/4/1988	1988	7	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/5/1988	1988	7	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/6/1988	1988	7	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/7/1988	1988	7	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/8/1988	1988	7	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/9/1988	1988	7	9	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/10/1988	1988	7	10	7	0.00	774.86	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/11/1988	1988	7	11	1.9	13.12	210.32	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/12/1988	1988	7	12	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/13/1988	1988	7	13	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	22.14	0.00	0.00	0.00	0.00
7/14/1988	1988	7	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/15/1988	1988	7	15	13.8	0.00	1527.58	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/16/1988	1988	7	16	12.8	13.12	1416.88	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/17/1988	1988	7	17	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/18/1988	1988	7	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/19/1988	1988	7	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/20/1988	1988	7	20	0.3	0.00	33.21	33.21	0.00	0.00	0.00	0.00	33.21	0.00	0.00	0.00	0.00
7/21/1988	1988	7	21	1.4	0.00	154.97	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/22/1988	1988	7	22	11.7	13.12	1295.12	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/23/1988	1988	7	23	10.8	13.12	1195.50	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/24/1988	1988	7	24	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/25/1988	1988	7	25	3.8	0.00	420.64	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/26/1988	1988	7	26	3.3	13.12	365.29	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/27/1988	1988	7	27	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/28/1988	1988	7	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/29/1988	1988	7	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/30/1988	1988	7	30	27.2	0.00	3010.88	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/31/1988	1988	7	31	5.7	13.12	630.96	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
8/1/1988	1988	8	1	0.3	13.12	33.21	46.33	0.00	0.00	0.00	0.00	0.00	46.33	0.00	0.00	0.00
8/2/1988	1988	8	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/3/1988	1988	8	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/4/1988	1988	8	4	7	0.00	774.86	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/5/1988	1988	8	5	3.4	13.12	376.36	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/6/1988	1988	8	6	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/7/1988	1988	8	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/8/1988	1988	8	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/9/1988	1988	8	9	9.3	0.00	1029.45	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/10/1988	1988	8	10	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/11/1988	1988	8	11	5.2	0.00	575.61	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/12/1988	1988	8	12	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/13/1988	1988	8	13	2.3	0.00	254.60	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/14/1988	1988	8	14	8.9	13.12	985.18	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/15/1988	1988	8	15	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/16/1988	1988	8	16	3.2	0.00	354.22	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/17/1988	1988	8	17	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/18/1988	1988	8	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/19/1988	1988	8	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/20/1988	1988	8	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/21/1988	1988	8	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/22/1988	1988	8	22	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/23/1988	1988	8	23	3.4	0.00	376.36	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/24/1988	1988	8	24	0.6	13.12	66.42	79.54	0.00	0.00	0.00	0.00	0.00	79.54	0.00	0.00	0.00
8/25/1988	1988	8	25	5.9	0.00	653.09	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/26/1988	1988	8	26	0.6	13.12	66.42	79.54	0.00	0.00	0.00	0.00	0.00	79.54	0.00	0.00	0.00
8/27/1988	1988	8	27	1	0.00	110.69	105.02	5.67	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/28/1988	1988	8	28	0.2	5.67	22.14	27.81	0.00	0.00	0.00	0.00	0.00	27.81	0.00	0.00	0.00
8/29/1988	1988	8	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/30/1988	1988	8	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/31/1988	1988	8	31	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/1/1988	1988	9	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/2/1988	1988	9	2	15.2	0.00	1682.55	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/3/1988	1988	9	3	12.4	13.12	1372.61	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/4/1988	1988	9	4	9.9	13.12	1095.87	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/5/1988	1988	9	5	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/6/1988	1988	9	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/7/1988	1988	9	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/8/1988	1988	9	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/9/1988	1988	9	9	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/10/1988	1988	9	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/11/1988	1988	9	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/12/1988	1988	9	12	10.4	0.00	1151.22	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/13/1988	1988	9	13	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/14/1988	1988	9	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/1988	1988	9	15	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/1988	1988	9	16	6.8	0.00	752.72	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/17/1988	1988	9	17	0.4	13.12	44.28	57.40	0.00	0.00	0.00	0.00	0.00	0.00	57.40	0.00	0.00
9/18/1988	1988	9	18	4.5	0.00	498.12	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/19/1988	1988	9	19	2.2	13.12	243.53	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/20/1988	1988	9	20	1.3	13.12	143.90	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/21/1988	1988	9	21	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	0.00	0.00	35.26	0.00	0.00
9/22/1988	1988	9	22	8.6	0.00	951.97	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/23/1988	1988	9	23	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/24/1988	1988	9	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/25/1988	1988	9	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/26/1988	1988	9	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/27/1988	1988	9	27	5.4	0.00	597.75	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/28/1988	1988	9	28	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/29/1988	1988	9	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/30/1988	1988	9	30	0.6	0.00	66.42	66.42	0.00	0.00	0.00	0.00	0.00	0.00	66.42	0.00	0.00
10/1/1988	1988	10	1	20.6	0.00	2280.30	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/2/1988	1988	10	2	2.7	13.12	298.87	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/3/1988	1988	10	3	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/4/1988	1988	10	4	1.2	0.00	132.83	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/5/1988	1988	10	5	0.6	13.12	66.42	79.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79.54	0.00
10/6/1988	1988	10	6	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.14	0.00
10/7/1988	1988	10	7	5.4	0.00	597.75	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/8/1988	1988	10	8	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/9/1988	1988	10	9	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/10/1988	1988	10	10	16.2	0.00	1793.24	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/11/1988	1988	10	11	1.3	13.12	143.90	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/12/1988	1988	10	12	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/13/1988	1988	10	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/1988	1988	10	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/1988	1988	10	15	0.3	0.00	33.21	33.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.21	0.00
10/16/1988	1988	10	16	1.4	0.00	154.97	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/17/1988	1988	10	17	12.4	13.12	1372.61	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/18/1988	1988	10	18	0.5	13.12	55.35	68.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.47	0.00
10/19/1988	1988	10	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/1988	1988	10	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/1988	1988	10	21	8	0.00	885.55	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/22/1988	1988	10	22	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/23/1988	1988	10	23	4.9	0.00	542.40	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/24/1988	1988	10	24	7.5	13.12	830.21	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/25/1988	1988	10	25	5.9	13.12	653.09	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/26/1988	1988	10	26	0.4	13.12	44.28	57.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.40	0.00
10/27/1988	1988	10	27	6.2	0.00	686.30	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/28/1988	1988	10	28	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.26	0.00
10/29/1988	1988	10	29	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.14	0.00
10/30/1988	1988	10	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/1988	1988	10	31	0.5	0.00	55.35	55.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.35	0.00
11/1/1988	1988	11	1	0.3	0.00	33.21	33.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.21
11/2/1988	1988	11	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/3/1988	1988	11	3	2.2	0.00	243.53	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/4/1988	1988	11	4	4.2	13.12	464.91	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/5/1988	1988	11	5	14.7	13.12	1627.20	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/6/1988	1988	11	6	3	13.12	332.08	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/7/1988	1988	11	7	5	13.12	553.47	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/8/1988	1988	11	8	6.5	13.12	719.51	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/9/1988	1988	11	9	14.7	13.12	1627.20	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/10/1988	1988	11	10	2.6	13.12	287.80	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/11/1988	1988	11	11	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/12/1988	1988	11	12	10.8	0.00	1195.50	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/13/1988	1988	11	13	5.7	13.12	630.96	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/14/1988	1988	11	14	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/15/1988	1988	11	15	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/16/1988	1988	11	16	3.4	0.00	376.36	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/17/1988	1988	11	17	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/18/1988	1988	11	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/19/1988	1988	11	19	2.1	0.00	232.46	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/20/1988	1988	11	20	18	13.12	1992.49	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/21/1988	1988	11	21	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/22/1988	1988	11	22	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/23/1988	1988	11	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/24/1988	1988	11	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/25/1988	1988	11	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/26/1988	1988	11	26	4.5	0.00	498.12	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/27/1988	1988	11	27	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/28/1988	1988	11	28	0.8	0.00	88.56	88.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.56
11/29/1988	1988	11	29	0.8	0.00	88.56	88.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.56
11/30/1988	1988	11	30	6.3	0.00	697.37	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/1/1988	1988	12	1	0.2	13.12	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/2/1988	1988	12	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/3/1988	1988	12	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/4/1988	1988	12	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/5/1988	1988	12	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/6/1988	1988	12	6	0.2	0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/7/1988	1988	12	7	0.8	0.00	88.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/8/1988	1988	12	8	4	0.00	442.78	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/9/1988	1988	12	9	9	13.12	996.25	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/10/1988	1988	12	10	3.8	13.12	420.64	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/11/1988	1988	12	11	0	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/12/1988	1988	12	12	3.2	0.00	354.22	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/13/1988	1988	12	13	1	13.12	110.69	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/14/1988	1988	12	14	3.5	13.12	387.43	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/15/1988	1988	12	15	3.6	13.12	398.50	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/16/1988	1988	12	16	0.2	13.12	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/17/1988	1988	12	17	1.8	0.00	199.25	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/18/1988	1988	12	18	0.6	13.12	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/19/1988	1988	12	19	0.7	0.00	77.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/20/1988	1988	12	20	2.9	0.00	321.01	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/21/1988	1988	12	21	0.2	13.12	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/22/1988	1988	12	22	8	0.00	885.55	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/23/1988	1988	12	23	0	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/24/1988	1988	12	24	3.7	0.00	409.57	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/25/1988	1988	12	25	1	13.12	110.69	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/26/1988	1988	12	26	1.5	13.12	166.04	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/27/1988	1988	12	27	18.7	13.12	2069.98	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/28/1988	1988	12	28	6.2	13.12	686.30	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/29/1988	1988	12	29	2.2	13.12	243.53	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/30/1988	1988	12	30	0	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/31/1988	1988	12	31	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/1/1989	1989	1	1	0.4	0.00	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/2/1989	1989	1	2	2.3	0.00	254.60	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/3/1989	1989	1	3	7.6	13.12	841.27	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/4/1989	1989	1	4	1.8	13.12	199.25	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/5/1989	1989	1	5	0.8	13.12	88.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/6/1989	1989	1	6	1.2	0.00	132.83	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1/7/1989	1989	1	7	10.7	13.12	1184.43	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/8/1989	1989	1	8	1.8	13.12	199.25	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/9/1989	1989	1	9	1	13.12	110.69	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/10/1989	1989	1	10	0.2	13.12	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/11/1989	1989	1	11	2.4	0.00	265.67	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/12/1989	1989	1	12	1.4	13.12	154.97	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/13/1989	1989	1	13	0.2	13.12	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/14/1989	1989	1	14	5	0.00	553.47	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/15/1989	1989	1	15	1	13.12	110.69	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/16/1989	1989	1	16	1	13.12	110.69	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/17/1989	1989	1	17	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/18/1989	1989	1	18	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/19/1989	1989	1	19	3.4	0.00	376.36	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/20/1989	1989	1	20	0.6	13.12	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/21/1989	1989	1	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/22/1989	1989	1	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/23/1989	1989	1	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/24/1989	1989	1	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/25/1989	1989	1	25	14.5	0.00	1605.06	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/26/1989	1989	1	26	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/27/1989	1989	1	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/28/1989	1989	1	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/29/1989	1989	1	29	4.8	0.00	531.33	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/30/1989	1989	1	30	0.6	13.12	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/31/1989	1989	1	31	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/1/1989	1989	2	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/2/1989	1989	2	2	0.3	0.00	33.21	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/3/1989	1989	2	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/4/1989	1989	2	4	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/5/1989	1989	2	5	6	0.00	664.16	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/6/1989	1989	2	6	0.6	13.12	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/7/1989	1989	2	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/8/1989	1989	2	8	2.6	0.00	287.80	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/9/1989	1989	2	9	1.4	13.12	154.97	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/10/1989	1989	2	10	2.4	13.12	265.67	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/11/1989	1989	2	11	1.2	13.12	132.83	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/12/1989	1989	2	12	0.8	13.12	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/13/1989	1989	2	13	3.5	0.00	387.43	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/14/1989	1989	2	14	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/15/1989	1989	2	15	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/16/1989	1989	2	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/17/1989	1989	2	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/18/1989	1989	2	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/19/1989	1989	2	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/20/1989	1989	2	20	7.8	0.00	863.41	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/21/1989	1989	2	21	1.6	13.12	177.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/22/1989	1989	2	22	0.4	13.12	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/23/1989	1989	2	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/24/1989	1989	2	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/25/1989	1989	2	25	6.6	0.00	730.58	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/26/1989	1989	2	26	5.2	13.12	575.61	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/27/1989	1989	2	27	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/28/1989	1989	2	28	2.2	0.00	243.53	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/1/1989	1989	3	1	0.6	13.12	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/2/1989	1989	3	2	1.4	0.00	154.97	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/3/1989	1989	3	3	3.8	13.12	420.64	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/4/1989	1989	3	4	2.6	13.12	287.80	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/5/1989	1989	3	5	0.4	13.12	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/6/1989	1989	3	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/7/1989	1989	3	7	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/8/1989	1989	3	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/9/1989	1989	3	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/10/1989	1989	3	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/11/1989	1989	3	11	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/12/1989	1989	3	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/13/1989	1989	3	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/14/1989	1989	3	14	14.3	0.00	1582.92	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/15/1989	1989	3	15	1.4	13.12	154.97	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/16/1989	1989	3	16	9.8	13.12	1084.80	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/17/1989	1989	3	17	14.5	13.12	1605.06	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/18/1989	1989	3	18	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/19/1989	1989	3	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/20/1989	1989	3	20	5.2	0.00	575.61	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/21/1989	1989	3	21	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/22/1989	1989	3	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/23/1989	1989	3	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/24/1989	1989	3	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/25/1989	1989	3	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/26/1989	1989	3	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/27/1989	1989	3	27	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/28/1989	1989	3	28	6.6	0.00	730.58	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/29/1989	1989	3	29	0	13.12	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/30/1989	1989	3	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/31/1989	1989	3	31	0	0.00	0.00	0.00	0.00	27020.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/1/1989	1989	4	1	0	27020.41	0.00	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/2/1989	1989	4	2	7.8	13.12	863.41	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/3/1989	1989	4	3	9.3	13.12	1029.45	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/4/1989	1989	4	4	0.6	13.12	66.42	79.54	0.00		79.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/5/1989	1989	4	5	1.8	0.00	199.25	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/6/1989	1989	4	6	1.7	13.12	188.18	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/7/1989	1989	4	7	0.4	13.12	44.28	57.40	0.00		57.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/8/1989	1989	4	8	0.8	0.00	88.56	88.56	0.00		88.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/9/1989	1989	4	9	4	0.00	442.78	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/10/1989	1989	4	10	7.4	13.12	819.14	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/11/1989	1989	4	11	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/12/1989	1989	4	12	11	0.00	1217.63	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/13/1989	1989	4	13	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/14/1989	1989	4	14	4.5	0.00	498.12	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/15/1989	1989	4	15	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/16/1989	1989	4	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/17/1989	1989	4	17	3.7	0.00	409.57	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/1989	1989	4	18	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/19/1989	1989	4	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/20/1989	1989	4	20	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/1989	1989	4	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/22/1989	1989	4	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/1989	1989	4	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/1989	1989	4	24	0.2	0.00	22.14	22.14	0.00		22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/25/1989	1989	4	25	0.7	0.00	77.49	77.49	0.00		77.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/26/1989	1989	4	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/27/1989	1989	4	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/28/1989	1989	4	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/29/1989	1989	4	29	6.6	0.00	730.58	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/30/1989	1989	4	30	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/1/1989	1989	5	1	0.8	0.00	88.56	88.56	0.00		0.00	88.56	0.00	0.00	0.00	0.00	0.00	0.00
5/2/1989	1989	5	2	2.6	0.00	287.80	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/3/1989	1989	5	3	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/4/1989	1989	5	4	5.7	0.00	630.96	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/5/1989	1989	5	5	2.9	13.12	321.01	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/6/1989	1989	5	6	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/7/1989	1989	5	7	1.8	0.00	199.25	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/8/1989	1989	5	8	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/9/1989	1989	5	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/10/1989	1989	5	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/11/1989	1989	5	11	7.2	0.00	797.00	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/12/1989	1989	5	12	7.6	13.12	841.27	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/13/1989	1989	5	13	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/14/1989	1989	5	14	0.3	0.00	33.21	33.21	0.00		0.00	33.21	0.00	0.00	0.00	0.00	0.00	0.00
5/15/1989	1989	5	15	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/16/1989	1989	5	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/17/1989	1989	5	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/18/1989	1989	5	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/19/1989	1989	5	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/20/1989	1989	5	20	8.1	0.00	896.62	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/21/1989	1989	5	21	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/22/1989	1989	5	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/23/1989	1989	5	23	1.9	0.00	210.32	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/24/1989	1989	5	24	1	13.12	110.69	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/25/1989	1989	5	25	14.9	13.12	1649.34	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/26/1989	1989	5	26	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/27/1989	1989	5	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/28/1989	1989	5	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/29/1989	1989	5	29	22.8	0.00	2523.82	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/30/1989	1989	5	30	6.8	13.12	752.72	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/31/1989	1989	5	31	9.6	13.12	1062.66	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
6/1/1989	1989	6	1	4.8	13.12	531.33	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/2/1989	1989	6	2	0.2	13.12	22.14	35.26	0.00		0.00	0.00	35.26	0.00	0.00	0.00	0.00	0.00
6/3/1989	1989	6	3	22.6	0.00	2501.68	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/4/1989	1989	6	4	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/5/1989	1989	6	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/6/1989	1989	6	6	1.8	0.00	199.25	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/7/1989	1989	6	7	0.4	13.12	44.28	57.40	0.00		0.00	0.00	57.40	0.00	0.00	0.00	0.00	0.00
6/8/1989	1989	6	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/9/1989	1989	6	9	15.6	0.00	1726.83	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/10/1989	1989	6	10	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/11/1989	1989	6	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/12/1989	1989	6	12	0.2	0.00	22.14	22.14	0.00		0.00	0.00	22.14	0.00	0.00	0.00	0.00	0.00
6/13/1989	1989	6	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/14/1989	1989	6	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/15/1989	1989	6	15	2.2	0.00	243.53	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/16/1989	1989	6	16	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/17/1989	1989	6	17	3.5	0.00	387.43	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/18/1989	1989	6	18	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/19/1989	1989	6	19	8.5	0.00	940.90	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/20/1989	1989	6	20	0.8	13.12	88.56	101.68	0.00		0.00	0.00	101.68	0.00	0.00	0.00	0.00	0.00
6/21/1989	1989	6	21	29.2	0.00	3232.26	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/22/1989	1989	6	22	6.5	13.12	719.51	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/23/1989	1989	6	23	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/24/1989	1989	6	24	10.7	0.00	1184.43	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/25/1989	1989	6	25	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/26/1989	1989	6	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/27/1989	1989	6	27	0.4	0.00	44.28	44.28	0.00		0.00	0.00	44.28	0.00	0.00	0.00	0.00	0.00
6/28/1989	1989	6	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/29/1989	1989	6	29	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/30/1989	1989	6	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/1/1989	1989	7	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/2/1989	1989	7	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/3/1989	1989	7	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/4/1989	1989	7	4	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/5/1989	1989	7	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/6/1989	1989	7	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/7/1989	1989	7	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/8/1989	1989	7	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/9/1989	1989	7	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/10/1989	1989	7	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/11/1989	1989	7	11	0.4	0.00	44.28	44.28	0.00		0.00	0.00	0.00	44.28	0.00	0.00	0.00	0.00
7/12/1989	1989	7	12	0.8	0.00	88.56	88.56	0.00		0.00	0.00	0.00	88.56	0.00	0.00	0.00	0.00
7/13/1989	1989	7	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/14/1989	1989	7	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/15/1989	1989	7	15	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/16/1989	1989	7	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/17/1989	1989	7	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/18/1989	1989	7	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/19/1989	1989	7	19	2.2	0.00	243.53	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/20/1989	1989	7	20	0.4	13.12	44.28	57.40	0.00		0.00	0.00	0.00	57.40	0.00	0.00	0.00	0.00
7/21/1989	1989	7	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/22/1989	1989	7	22	20	0.00	2213.88	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/23/1989	1989	7	23	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/24/1989	1989	7	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/25/1989	1989	7	25	0.2	0.00	22.14	22.14	0.00		0.00	0.00	0.00	22.14	0.00	0.00	0.00	0.00
7/26/1989	1989	7	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/27/1989	1989	7	27	11.2	0.00	1239.77	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/28/1989	1989	7	28	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/29/1989	1989	7	29	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/30/1989	1989	7	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/31/1989	1989	7	31	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/1/1989	1989	8	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/2/1989	1989	8	2	1.1	0.00	121.76	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/3/1989	1989	8	3	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/4/1989	1989	8	4	6.4	0.00	708.44	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/5/1989	1989	8	5	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00

8/6/1989	1989	8	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/7/1989	1989	8	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/8/1989	1989	8	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/9/1989	1989	8	9	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/10/1989	1989	8	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/11/1989	1989	8	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/12/1989	1989	8	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/13/1989	1989	8	13	2	0.00	221.39	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/14/1989	1989	8	14	1	13.12	110.69	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/15/1989	1989	8	15	3.9	13.12	431.71	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/16/1989	1989	8	16	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/17/1989	1989	8	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/18/1989	1989	8	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/19/1989	1989	8	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/20/1989	1989	8	20	1.2	0.00	132.83	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/21/1989	1989	8	21	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/22/1989	1989	8	22	1	0.00	110.69	105.02	5.67	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/23/1989	1989	8	23	0	5.67	0.00	5.67	0.00	0.00	0.00	0.00	0.00	5.67	0.00	0.00	0.00
8/24/1989	1989	8	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/25/1989	1989	8	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/26/1989	1989	8	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/27/1989	1989	8	27	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/28/1989	1989	8	28	1.8	0.00	199.25	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/29/1989	1989	8	29	0.4	13.12	44.28	57.40	0.00	0.00	0.00	0.00	0.00	57.40	0.00	0.00	0.00
8/30/1989	1989	8	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/31/1989	1989	8	31	4.2	0.00	464.91	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
9/1/1989	1989	9	1	3.9	13.12	431.71	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/2/1989	1989	9	2	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/3/1989	1989	9	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/4/1989	1989	9	4	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	0.00	0.00	22.14	0.00	0.00
9/5/1989	1989	9	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/6/1989	1989	9	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/7/1989	1989	9	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/8/1989	1989	9	8	0.5	0.00	55.35	55.35	0.00	0.00	0.00	0.00	0.00	0.00	55.35	0.00	0.00
9/9/1989	1989	9	9	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/10/1989	1989	9	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/11/1989	1989	9	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/12/1989	1989	9	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/1989	1989	9	13	0.8	0.00	88.56	88.56	0.00	0.00	0.00	0.00	0.00	0.00	88.56	0.00	0.00
9/14/1989	1989	9	14	1.4	0.00	154.97	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/15/1989	1989	9	15	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/16/1989	1989	9	16	3.4	0.00	376.36	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/17/1989	1989	9	17	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/18/1989	1989	9	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/19/1989	1989	9	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/20/1989	1989	9	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/21/1989	1989	9	21	1.8	0.00	199.25	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/22/1989	1989	9	22	15.6	13.12	1726.83	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/23/1989	1989	9	23	1	13.12	110.69	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/24/1989	1989	9	24	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/25/1989	1989	9	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/26/1989	1989	9	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/27/1989	1989	9	27	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/28/1989	1989	9	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/29/1989	1989	9	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/30/1989	1989	9	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/1/1989	1989	10	1	3.7	0.00	409.57	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/2/1989	1989	10	2	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.26	0.00
10/3/1989	1989	10	3	0.3	0.00	33.21	33.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.21	0.00
10/4/1989	1989	10	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/1989	1989	10	5	2.6	0.00	287.80	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/6/1989	1989	10	6	0.8	13.12	88.56	101.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101.68	0.00
10/7/1989	1989	10	7	0.5	0.00	55.35	55.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.35	0.00
10/8/1989	1989	10	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/9/1989	1989	10	9	2.1	0.00	232.46	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/10/1989	1989	10	10	25.5	13.12	2822.70	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/11/1989	1989	10	11	0.4	13.12	44.28	57.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.40	0.00
10/12/1989	1989	10	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/1989	1989	10	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/1989	1989	10	14	1	0.00	110.69	105.02	5.67	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/15/1989	1989	10	15	0.3	5.67	33.21	38.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.88	0.00
10/16/1989	1989	10	16	5.1	0.00	564.54	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/17/1989	1989	10	17	6.8	13.12	752.72	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/18/1989	1989	10	18	0.7	13.12	77.49	90.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.61	0.00
10/19/1989	1989	10	19	7.5	0.00	830.21	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/20/1989	1989	10	20	2.5	13.12	276.74	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/21/1989	1989	10	21	2.4	13.12	265.67	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/22/1989	1989	10	22	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/23/1989	1989	10	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/1989	1989	10	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/1989	1989	10	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/1989	1989	10	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/1989	1989	10	27	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/1989	1989	10	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/1989	1989	10	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30/1989	1989	10	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/1989	1989	10	31	1.5	0.00	166.04	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
11/1/1989	1989	11	1	2	13.12	221.39	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/2/1989	1989	11	2	3.2	13.12	354.22	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/3/1989	1989	11	3	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/4/1989	1989	11	4	0.6	0.00	66.42	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.42
11/5/1989	1989	11	5	9.2	0.00	1018.38	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/6/1989	1989	11	6	0.8	13.12	88.56	101.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101.68
11/7/1989	1989	11	7	12	0.00	1328.33	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/8/1989	1989	11	8	4.3	13.12	475.98	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/9/1989	1989	11	9	0.7	13.12	77.49	90.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.61
11/10/1989	1989	11	10	1	0.00	110.69	105.02	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/11/1989	1989	11	11	2.6	5.67	287.80	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/12/1989	1989	11	12	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/13/1989	1989	11	13	3	0.00	332.08	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/14/1989	1989	11	14	22.5	13.12	2490.62	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/15/1989	1989	11	15	35.8	13.12	3962.85	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/16/1989	1989	11	16	8	13.12	885.55	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/17/1989	1989	11	17	6.4	13.12	708.44	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/18/1989	1989	11	18	1.6	13.12	177.11	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/19/1989	1989	11	19	2.3	13.12	254.60	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/20/1989	1989	11	20	3.2	13.12	354.22	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/21/1989	1989	11	21	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/22/1989	1989	11	22	0.6	0.00	66.42	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.42
11/23/1989	1989	11	23	2.6	0.00	287.80	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/24/1989	1989	11	24	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/25/1989	1989	11	25	1	0.00	110.69	105.02	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/26/1989	1989	11	26	0	5.67	0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.67
11/27/1989	1989	11	27	10.8	0.00	1195.50	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/28/1989	1989	11	28	0.4	13.12	44.28	57.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.40
11/29/1989	1989	11	29	1.8	0.00	199.25	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/30/1989	1989	11	30	1.2	13.12	132.83	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
12/1/1989	1989	12	1	0	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/2/1989	1989	12	2	2.8	0.00	309.94	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/3/1989	1989	12	3	0	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/4/1989	1989	12	4	1.6	0.00	177.11	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/5/1989	1989	12	5	0.2	13.12	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/6/1989	1989	12	6	1.6	0.00	177.11	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/7/1989	1989	12	7	0.2	13.12	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/8/1989	1989	12	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/9/1989	1989	12	9	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/10/1989	1989	12	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/11/1989	1989	12	11	1	0.00	110.69	0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/12/1989	1989	12	12	2.2	5.67	243.53	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/13/1989	1989	12	13	0	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/14/1989	1989	12	14	5.2	0.00	575.61	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/15/1989	1989	12	15	3	13.12	332.08	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/16/1989	1989	12	16	0.6	13.12	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/17/1989	1989	12	17	0.6	0.00	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/18/1989	1989	12	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/19/1989	1989	12	19	1.8	0.00	199.25	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/20/1989	1989	12	20	1	13.12	110.69	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/21/1989	1989	12	21	1	13.12	110.69	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/22/1989	1989	12	22	0	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/23/1989	1989	12	23	0.2	0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/24/1989	1989	12	24	1.6	0.00	177.11	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/25/1989	1989	12	25	8.8	13.12	974.11	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/26/1989	1989	12	26	0	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/27/1989	1989	12	27	5	0.00	553.47	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/28/1989	1989	12	28	6	13.12	664.16	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/29/1989	1989	12	29	5	13.12	553.47	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/30/1989	1989	12	30	12.2	13.12	1350.47	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/31/1989	1989	12	31	4.4	13.12	487.05	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/1/1990	1990	1	1	2.4	0.00	265.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/2/1990	1990	1	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/3/1990	1990	1	3	1.9	0.00	210.32	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/4/1990	1990	1	4	5.4	0.00	597.75	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/5/1990	1990	1	5	0.2	0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/6/1990	1990	1	6	0.4	0.00	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/7/1990	1990	1	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/8/1990	1990	1	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/9/1990	1990	1	9	5.4	0.00	597.75	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/10/1990	1990	1	10	0.8	0.00	88.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/11/1990	1990	1	11	6.2	0.00	686.30	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/12/1990	1990	1	12	1.2	0.00	132.83	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/13/1990	1990	1	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/14/1990	1990	1	14	0.6	0.00	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/15/1990	1990	1	15	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/16/1990	1990	1	16	4.4	0.00	487.05	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/17/1990	1990	1	17	10.7	0.00	1184.43	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/18/1990	1990	1	18	0.2	0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/19/1990	1990	1	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/20/1990	1990	1	20	0.4	0.00	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/21/1990	1990	1	21	6	0.00	664.16	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/22/1990	1990	1	22	0.4	0.00	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/23/1990	1990	1	23	6	0.00	664.16	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/24/1990	1990	1	24	0.4	0.00	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/25/1990	1990	1	25	7.8	0.00	863.41	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/26/1990	1990	1	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/27/1990	1990	1	27	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/28/1990	1990	1	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/29/1990	1990	1	29	4	0.00	442.78	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/30/1990	1990	1	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/31/1990	1990	1	31	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/1/1990	1990	2	1	5.2	0.00	575.61	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/2/1990	1990	2	2	2.6	0.00	287.80	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/3/1990	1990	2	3	7.6	0.00	841.27	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/4/1990	1990	2	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/5/1990	1990	2	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/6/1990	1990	2	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/7/1990	1990	2	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/8/1990	1990	2	8	2.6	0.00	287.80	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/9/1990	1990	2	9	0.3	0.00	33.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/10/1990	1990	2	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/11/1990	1990	2	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/12/1990	1990	2	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/13/1990	1990	2	13	5.5	0.00	608.82	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/14/1990	1990	2	14	9	0.00	996.25	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/15/1990	1990	2	15	6.4	0.00	708.44	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/16/1990	1990	2	16	5.7	0.00	630.96	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/17/1990	1990	2	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/18/1990	1990	2	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/19/1990	1990	2	19	0.6	0.00	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/20/1990	1990	2	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/21/1990	1990	2	21	1	0.00	110.69	0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/22/1990	1990	2	22	31.3	0.00	3464.72	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/23/1990	1990	2	23	0.6	0.00	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/24/1990	1990	2	24	1.8	0.00	199.25	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/25/1990	1990	2	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/26/1990	1990	2	26	3.2	0.00	354.22	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/27/1990	1990	2	27	1.8	0.00	199.25	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/28/1990	1990	2	28	1	0.00	110.69	0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/1/1990	1990	3	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/2/1990	1990	3	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/3/1990	1990	3	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/4/1990	1990	3	4	0.4	0.00	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3/5/1990	1990	3	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/6/1990	1990	3	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/7/1990	1990	3	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/8/1990	1990	3	8	5.1	0.00	564.54	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/9/1990	1990	3	9	0.9	0.00	99.62	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/10/1990	1990	3	10	1.8	0.00	199.25	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/11/1990	1990	3	11	12	0.00	1328.33	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/12/1990	1990	3	12	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/13/1990	1990	3	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/14/1990	1990	3	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/15/1990	1990	3	15	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/16/1990	1990	3	16	2.4	0.00	265.67	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/17/1990	1990	3	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/18/1990	1990	3	18	3.6	0.00	398.50	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/19/1990	1990	3	19	2.6	0.00	287.80	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/20/1990	1990	3	20	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/21/1990	1990	3	21	1.4	0.00	154.97	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/22/1990	1990	3	22	18	0.00	1992.49	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/23/1990	1990	3	23	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/24/1990	1990	3	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/25/1990	1990	3	25	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/26/1990	1990	3	26	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/27/1990	1990	3	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/28/1990	1990	3	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/29/1990	1990	3	29	4	0.00	442.78	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/30/1990	1990	3	30	1.6	0.00	177.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/31/1990	1990	3	31	0.4	0.00	44.28	0.00	0.00	22891.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/1/1990	1990	4	1	0.6	22891.52	66.42	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/2/1990	1990	4	2	5.4	13.12	597.75	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/3/1990	1990	4	3	1.3	13.12	143.90	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/4/1990	1990	4	4	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/5/1990	1990	4	5	0.6	0.00	66.42	66.42	0.00		66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/6/1990	1990	4	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/7/1990	1990	4	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/8/1990	1990	4	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/9/1990	1990	4	9	3.4	0.00	376.36	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/10/1990	1990	4	10	15.3	13.12	1693.62	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/11/1990	1990	4	11	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/12/1990	1990	4	12	0.2	0.00	22.14	22.14	0.00		22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/13/1990	1990	4	13	1	0.00	110.69	105.02	5.67		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/14/1990	1990	4	14	5.6	5.67	619.89	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/15/1990	1990	4	15	1.4	13.12	154.97	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/16/1990	1990	4	16	5.6	13.12	619.89	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/17/1990	1990	4	17	1.2	13.12	132.83	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/1990	1990	4	18	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/19/1990	1990	4	19	0.8	0.00	88.56	88.56	0.00		88.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/20/1990	1990	4	20	9.2	0.00	1018.38	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/1990	1990	4	21	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/22/1990	1990	4	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/1990	1990	4	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/1990	1990	4	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/25/1990	1990	4	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/26/1990	1990	4	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/27/1990	1990	4	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/28/1990	1990	4	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/29/1990	1990	4	29	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/30/1990	1990	4	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/1/1990	1990	5	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/2/1990	1990	5	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/3/1990	1990	5	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/4/1990	1990	5	4	18.2	0.00	2014.63	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/5/1990	1990	5	5	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/6/1990	1990	5	6	0.6	0.00	66.42	66.42	0.00		0.00	66.42	0.00	0.00	0.00	0.00	0.00	0.00
5/7/1990	1990	5	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/8/1990	1990	5	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/9/1990	1990	5	9	4.6	0.00	509.19	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/10/1990	1990	5	10	3.3	13.12	365.29	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/11/1990	1990	5	11	0.8	13.12	88.56	101.68	0.00		0.00	101.68	0.00	0.00	0.00	0.00	0.00	0.00
5/12/1990	1990	5	12	9.2	0.00	1018.38	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/13/1990	1990	5	13	1.3	13.12	143.90	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/14/1990	1990	5	14	0.4	13.12	44.28	57.40	0.00		0.00	57.40	0.00	0.00	0.00	0.00	0.00	0.00
5/15/1990	1990	5	15	5.8	0.00	642.03	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/16/1990	1990	5	16	18	13.12	1992.49	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/17/1990	1990	5	17	12	13.12	1328.33	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/18/1990	1990	5	18	3.1	13.12	343.15	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/19/1990	1990	5	19	16.8	13.12	1859.66	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/20/1990	1990	5	20	4.1	13.12	453.85	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/21/1990	1990	5	21	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/22/1990	1990	5	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/23/1990	1990	5	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/24/1990	1990	5	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/25/1990	1990	5	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/26/1990	1990	5	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/27/1990	1990	5	27	0.2	0.00	22.14	22.14	0.00		0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00
5/28/1990	1990	5	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/29/1990	1990	5	29	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/30/1990	1990	5	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/31/1990	1990	5	31	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/1/1990	1990	6	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/2/1990	1990	6	2	8.9	0.00	985.18	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/3/1990	1990	6	3	8.3	13.12	918.76	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/4/1990	1990	6	4	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/5/1990	1990	6	5	1.2	0.00	132.83	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/6/1990	1990	6	6	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/7/1990	1990	6	7	0.2	0.00	22.14	22.14	0.00		0.00	0.00	22.14	0.00	0.00	0.00	0.00	0.00
6/8/1990	1990	6	8	5.3	0.00	586.68	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/9/1990	1990	6	9	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/10/1990	1990	6	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/11/1990	1990	6	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/12/1990	1990	6	12	1.3	0.00	143.90	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/13/1990	1990	6	13	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/14/1990	1990	6	14	6.2	0.00	686.30	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/15/1990	1990	6	15	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/16/1990	1990	6	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/17/1990	1990	6	17	0.4	0.00	44.28	44.28	0.00		0.00	0.00	44.28	0.00	0.00	0.00	0.00	0.00
6/18/1990	1990	6	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/19/1990	1990	6	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/20/1990	1990	6	20	3.2	0.00	354.22	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/21/1990	1990	6	21	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/22/1990	1990	6	22	18.9	0.00	2092.12	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/23/1990	1990	6	23	22.7	13.12	2512.75	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/24/1990	1990	6	24	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/25/1990	1990	6	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/26/1990	1990	6	26	0.2	0.00	22.14	22.14	0.00		0.00	0.00	22.14	0.00	0.00	0.00	0.00	0.00
6/27/1990	1990	6	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/28/1990	1990	6	28	20.8	0.00	2302.44	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/29/1990	1990	6	29	1.3	13.12	143.90	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/30/1990	1990	6	30	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
7/1/1990	1990	7	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/2/1990	1990	7	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/3/1990	1990	7	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/4/1990	1990	7	4	0.4	0.00	44.28	44.28	0.00		0.00	0.00	0.00	44.28	0.00	0.00	0.00	0.00
7/5/1990	1990	7	5	1.6	0.00	177.11	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/6/1990	1990	7	6	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/7/1990	1990	7	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/8/1990	1990	7	8	32.8	0.00	3630.76	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/9/1990	1990	7	9	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/10/1990	1990	7	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/11/1990	1990	7	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/12/1990	1990	7	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/13/1990	1990	7	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/14/1990	1990	7	14	9.1	0.00	1007.32	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/15/1990	1990	7	15	0.6	13.12	66.42	79.54	0.00		0.00	0.00	0.00	79.54	0.00	0.00	0.00	0.00
7/16/1990	1990	7	16	0.4	0.00	44.28	44.28	0.00		0.00	0.00	0.00	44.28	0.00	0.00	0.00	0.00
7/17/1990	1990	7	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/18/1990	1990	7	18	1.2	0.00	132.83	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/19/1990	1990	7	19	8.9	13.12	985.18	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/20/1990	1990	7	20	1.2	13.12	132.83	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/21/1990	1990	7	21	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/22/1990	1990	7	22	6.1	0.00	675.23	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/23/1990	1990	7	23	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/24/1990	1990	7	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/25/1990	1990	7	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/26/1990	1990	7	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/27/1990	1990	7	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/28/1990	1990	7	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/29/1990	1990	7	29	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/30/1990	1990	7	30	22.8	0.00	2523.82	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/31/1990	1990	7	31	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
8/1/1990	1990	8	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/2/1990	1990	8	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/3/1990	1990	8	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/4/1990	1990	8	4	9.4	0.00	1040.52	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/5/1990	1990	8	5	0.4	13.12	44.28	57.40	0.00		0.00	0.00	0.00	0.00	57.40	0.00	0.00	0.00
8/6/1990	1990	8	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/7/1990	1990	8	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/8/1990	1990	8	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/9/1990	1990	8	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/10/1990	1990	8	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/11/1990	1990	8	11	11.6	0.00	1284.05	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/12/1990	1990	8	12	47.5	13.12	5257.97	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/13/1990	1990	8	13	5	13.12	553.47	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/14/1990	1990	8	14	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/15/1990	1990	8	15	0.4	0.00	44.28	44.28	0.00		0.00	0.00	0.00	0.00	44.28	0.00	0.00	0.00
8/16/1990	1990	8	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/17/1990	1990	8	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/18/1990	1990	8	18	13.1	0.00	1450.09	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/19/1990	1990	8	19	4.2	13.12	464.91	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/20/1990	1990	8	20	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/21/1990	1990	8	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/22/1990	1990	8	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/23/1990	1990	8	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/24/1990	1990	8	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/25/1990	1990	8	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/26/1990	1990	8	26	3.1	0.00	343.15	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/27/1990	1990	8	27	29	13.12	3210.13	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/28/1990	1990	8	28	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/29/1990	1990	8	29	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/30/1990	1990	8	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/31/1990	1990	8	31	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/1/1990	1990	9	1	0.2	0.00	22.14	22.14	0.00		0.00	0.00	0.00	0.00	0.00	22.14	0.00	0.00
9/2/1990	1990	9	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/3/1990	1990	9	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/4/1990	1990	9	4	10.4	0.00	1151.22	105.02	13.12		0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/5/1990	1990	9	5	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/6/1990	1990	9	6	5	0.00	553.47	105.02	13.12		0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/7/1990	1990	9	7	0.2	13.12	22.14	35.26	0.00		0.00	0.00	0.00	0.00	0.00	35.26	0.00	0.00
9/8/1990	1990	9	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/9/1990	1990	9	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/10/1990	1990	9	10	10.8	0.00	1195.50	105.02	13.12		0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/11/1990	1990	9	11	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/12/1990	1990	9	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/1990	1990	9	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/1990	1990	9	14	22	0.00	2435.27	105.02	13.12		0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/15/1990	1990	9	15	1	13.12	110.69	105.02	13.12		0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/16/1990	1990	9	16	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/17/1990	1990	9	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/18/1990	1990	9	18	0.8	0.00	88.56	88.56	0.00		0.00	0.00	0.00	0.00	0.00	88.56	0.00	0.00
9/19/1990	1990	9	19	4.2	0.00	464.91	105.02	13.12		0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/20/1990	1990	9	20	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/21/1990	1990	9	21	2.8	0.00	309.94	105.02	13.12		0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/22/1990	1990	9	22	4.6	13.12	509.19	105.02	13.12		0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/23/1990	1990	9	23	0.2	13.12	22.14	35.26	0.00		0.00	0.00	0.00	0.00	0.00	35.26	0.00	0.00
9/24/1990	1990	9	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/25/1990	1990	9	25	4.5	0.00	498.12	105.02	13.12		0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/26/1990	1990	9	26	0.2	13.12	22.14	35.26	0.00		0.00	0.00	0.00	0.00	0.00	35.26	0.00	0.00
9/27/1990	1990	9	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/28/1990	1990	9	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/29/1990	1990	9	29	14.8	0.00	1638.27	105.02	13.12		0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/30/1990	1990	9	30	0.5	13.12	55.35	68.47	0.00		0.00	0.00	0.00	0.00	0.00	68.47	0.00	0.00
10/1/1990	1990	10	1	3.2	0.00	354.22	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00

10/2/1990	1990	10	2	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/3/1990	1990	10	3	7	0.00	774.86	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/4/1990	1990	10	4	2.6	13.12	287.80	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/5/1990	1990	10	5	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/6/1990	1990	10	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/7/1990	1990	10	7	4	0.00	442.78	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/8/1990	1990	10	8	34.9	13.12	3863.22	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/9/1990	1990	10	9	15.3	13.12	1693.62	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/10/1990	1990	10	10	4.5	13.12	498.12	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/11/1990	1990	10	11	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/12/1990	1990	10	12	12.6	0.00	1394.74	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/13/1990	1990	10	13	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/14/1990	1990	10	14	1.1	0.00	121.76	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/15/1990	1990	10	15	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/16/1990	1990	10	16	14.3	0.00	1582.92	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/17/1990	1990	10	17	8.1	13.12	896.62	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/18/1990	1990	10	18	6.4	13.12	708.44	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/19/1990	1990	10	19	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/20/1990	1990	10	20	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/1990	1990	10	21	1.8	0.00	199.25	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/22/1990	1990	10	22	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/23/1990	1990	10	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/1990	1990	10	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/1990	1990	10	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/1990	1990	10	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/1990	1990	10	27	2.4	0.00	265.67	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/28/1990	1990	10	28	1	13.12	110.69	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/29/1990	1990	10	29	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/30/1990	1990	10	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/1990	1990	10	31	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/1/1990	1990	11	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/2/1990	1990	11	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/3/1990	1990	11	3	0.8	0.00	88.56	88.56	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.56
11/4/1990	1990	11	4	9.2	0.00	1018.38	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/5/1990	1990	11	5	40	13.12	4427.76	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/6/1990	1990	11	6	0.6	13.12	66.42	79.54	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	79.54
11/7/1990	1990	11	7	2.8	0.00	309.94	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/8/1990	1990	11	8	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/9/1990	1990	11	9	3.1	0.00	343.15	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/10/1990	1990	11	10	1.4	13.12	154.97	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/11/1990	1990	11	11	5	13.12	553.47	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/12/1990	1990	11	12	1.2	13.12	132.83	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/13/1990	1990	11	13	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/14/1990	1990	11	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/15/1990	1990	11	15	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/16/1990	1990	11	16	1.7	0.00	188.18	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/17/1990	1990	11	17	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/18/1990	1990	11	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/19/1990	1990	11	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/20/1990	1990	11	20	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/21/1990	1990	11	21	12.2	0.00	1350.47	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/22/1990	1990	11	22	2.8	13.12	309.94	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/23/1990	1990	11	23	5.9	13.12	653.09	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/24/1990	1990	11	24	0.8	13.12	88.56	101.68	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	101.68
11/25/1990	1990	11	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/26/1990	1990	11	26	4.8	0.00	531.33	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/27/1990	1990	11	27	4.9	13.12	542.40	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/28/1990	1990	11	28	0.2	13.12	22.14	35.26	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.26
11/29/1990	1990	11	29	0.4	0.00	44.28	44.28	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.28
11/30/1990	1990	11	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/1/1990	1990	12	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/2/1990	1990	12	2	1.6	0.00	177.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/3/1990	1990	12	3	22.6	0.00	2501.68	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/4/1990	1990	12	4	7.4	0.00	819.14	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/5/1990	1990	12	5	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/6/1990	1990	12	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/7/1990	1990	12	7	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/8/1990	1990	12	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/9/1990	1990	12	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/10/1990	1990	12	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/11/1990	1990	12	11	1.8	0.00	199.25	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/12/1990	1990	12	12	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/13/1990	1990	12	13	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/14/1990	1990	12	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/15/1990	1990	12	15	3.4	0.00	376.36	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/16/1990	1990	12	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/17/1990	1990	12	17	6.3	0.00	697.37	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/18/1990	1990	12	18	4.3	0.00	475.98	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/19/1990	1990	12	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/20/1990	1990	12	20	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/21/1990	1990	12	21	7.5	0.00	830.21	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/22/1990	1990	12	22	12.5	0.00	1383.68	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/23/1990	1990	12	23	8.2	0.00	907.69	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/24/1990	1990	12	24	6	0.00	664.16	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/25/1990	1990	12	25	8.8	0.00	974.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/26/1990	1990	12	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/27/1990	1990	12	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/28/1990	1990	12	28	16.2	0.00	1793.24	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/29/1990	1990	12	29	19.7	0.00	2180.67	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/30/1990	1990	12	30	3.2	0.00	354.22	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/31/1990	1990	12	31	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/1/1991	1991	1	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/2/1991	1991	1	2	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/3/1991	1991	1	3	1.2	0.00	132.83	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/4/1991	1991	1	4	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/5/1991	1991	1	5	5.4	0.00	597.75	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/6/1991	1991	1	6	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/7/1991	1991	1	7	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/8/1991	1991	1	8	0.9	0.00	99.62	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/9/1991	1991	1	9	1.2	0.00	132.83	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/10/1991	1991	1	10	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/11/1991	1991	1	11	12.4	0.00	1372.61	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/12/1991	1991	1	12	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/13/1991	1991	1	13	5.4	0.00	597.75	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/14/1991	1991	1	14	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/15/1991	1991	1	15	3.8	0.00	420.64	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/16/1991	1991	1	16	5.1	0.00	564.54	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/17/1991	1991	1	17	6	0.00	664.16	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/18/1991	1991	1	18	9	0.00	996.25	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/19/1991	1991	1	19	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/20/1991	1991	1	20	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/21/1991	1991	1	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/22/1991	1991	1	22	3	0.00	332.08	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/23/1991	1991	1	23	8.2	0.00	907.69	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/24/1991	1991	1	24	2.6	0.00	287.80	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/25/1991	1991	1	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/26/1991	1991	1	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/27/1991	1991	1	27	3.6	0.00	398.50	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/28/1991	1991	1	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/29/1991	1991	1	29	2.8	0.00	309.94	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/30/1991	1991	1	30	3.2	0.00	354.22	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/31/1991	1991	1	31	1.2	0.00	132.83	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/1/1991	1991	2	1	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/2/1991	1991	2	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/3/1991	1991	2	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/4/1991	1991	2	4	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/5/1991	1991	2	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/6/1991	1991	2	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/7/1991	1991	2	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/8/1991	1991	2	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/9/1991	1991	2	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/10/1991	1991	2	10	2	0.00	221.39	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/11/1991	1991	2	11	1.4	0.00	154.97	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/12/1991	1991	2	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/13/1991	1991	2	13	3.8	0.00	420.64	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/14/1991	1991	2	14	9.4	0.00	1040.52	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/15/1991	1991	2	15	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/16/1991	1991	2	16	2.2	0.00	243.53	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/17/1991	1991	2	17	1.2	0.00	132.83	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/18/1991	1991	2	18	3	0.00	332.08	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/19/1991	1991	2	19	5.7	0.00	630.96	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/20/1991	1991	2	20	1.8	0.00	199.25	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/21/1991	1991	2	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/22/1991	1991	2	22	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/23/1991	1991	2	23	9.8	0.00	1084.80	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/24/1991	1991	2	24	2.6	0.00	287.80	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/25/1991	1991	2	25	9.4	0.00	1040.52	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/26/1991	1991	2	26	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/27/1991	1991	2	27	2	0.00	221.39	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/28/1991	1991	2	28	5.4	0.00	597.75	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/1/1991	1991	3	1	8.8	0.00	974.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/2/1991	1991	3	2	3.5	0.00	387.43	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/3/1991	1991	3	3	9.5	0.00	1051.59	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/4/1991	1991	3	4	2.8	0.00	309.94	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/5/1991	1991	3	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/6/1991	1991	3	6	10.2	0.00	1129.08	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/7/1991	1991	3	7	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/8/1991	1991	3	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/9/1991	1991	3	9	4.7	0.00	520.26	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/10/1991	1991	3	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/11/1991	1991	3	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/12/1991	1991	3	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/13/1991	1991	3	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/14/1991	1991	3	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/15/1991	1991	3	15	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/16/1991	1991	3	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/17/1991	1991	3	17	10.5	0.00	1162.29	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/18/1991	1991	3	18	5.6	0.00	619.89	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/19/1991	1991	3	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/20/1991	1991	3	20	0.3	0.00	33.21	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/21/1991	1991	3	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/22/1991	1991	3	22	4.8	0.00	531.33	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/23/1991	1991	3	23	5.1	0.00	564.54	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/24/1991	1991	3	24	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/25/1991	1991	3	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/26/1991	1991	3	26	9.4	0.00	1040.52	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/27/1991	1991	3	27	19.2	0.00	2125.32	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/28/1991	1991	3	28	4.8	0.00	531.33	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/29/1991	1991	3	29	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/30/1991	1991	3	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/31/1991	1991	3	31	3	0.00	332.08	0.00	13.12	41709.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/1/1991	1991	4	1	2.6	41709.50	287.80	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/2/1991	1991	4	2	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/3/1991	1991	4	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/4/1991	1991	4	4	2	0.00	221.39	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/5/1991	1991	4	5	0.6	13.12	66.42	79.54	0.00		79.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/6/1991	1991	4	6	0.2	0.00	22.14	22.14	0.00		22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/7/1991	1991	4	7	5.2	0.00	575.61	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/8/1991	1991	4	8	13.9	13.12	1538.65	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/9/1991	1991	4	9	32.8	13.12	3630.76	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/10/1991	1991	4	10	0.4	13.12	44.28	57.40	0.00		57.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/11/1991	1991	4	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/12/1991	1991	4	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/13/1991	1991	4	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/14/1991	1991	4	14	8.4	0.00	929.83	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/15/1991	1991	4	15	15	13.12	1660.41	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/16/1991	1991	4	16	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/17/1991	1991	4	17	0.4	0.00	44.28	44.28	0.00		44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/1991	1991	4	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/19/1991	1991	4	19	16	0.00	1771.10	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/20/1991	1991	4	20	10.1	13.12	1118.01	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/1991	1991	4	21	6.7	13.12	741.65	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/22/1991	1991	4	22	1.6	13.12	177.11	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/1991	1991	4	23	3.9	13.12	431.71	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/1991	1991	4	24	0.8	13.12	88.56	101.68	0.00		101.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/25/1991	1991	4	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/26/1991	1991	4	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/27/1991	1991	4	27	0.6	0.00	66.42	66.42	0.00		66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/28/1991	1991	4	28	0.6	0.00	66.42	66.42	0.00		66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/29/1991	1991	4	29	0.4	0.00	44.28	44.28	0.00		44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/30/1991	1991	4	30	0.2	0.00	22.14	22.14	0.00		22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5/1/1991	1991	5	1	3	0.00	332.08	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/2/1991	1991	5	2	0.5	13.12	55.35	68.47	0.00	0.00	68.47	0.00	0.00	0.00	0.00	0.00	0.00
5/3/1991	1991	5	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/4/1991	1991	5	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/5/1991	1991	5	5	4.8	0.00	531.33	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/6/1991	1991	5	6	0.4	13.12	44.28	57.40	0.00	0.00	57.40	0.00	0.00	0.00	0.00	0.00	0.00
5/7/1991	1991	5	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/8/1991	1991	5	8	3.3	0.00	365.29	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/9/1991	1991	5	9	0.2	13.12	22.14	35.26	0.00	0.00	35.26	0.00	0.00	0.00	0.00	0.00	0.00
5/10/1991	1991	5	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/11/1991	1991	5	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/12/1991	1991	5	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/13/1991	1991	5	13	0.2	0.00	22.14	22.14	0.00	0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00
5/14/1991	1991	5	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/15/1991	1991	5	15	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/16/1991	1991	5	16	11.6	0.00	1284.05	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/17/1991	1991	5	17	1.2	13.12	132.83	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/18/1991	1991	5	18	0	13.12	0.00	13.12	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/19/1991	1991	5	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/20/1991	1991	5	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/21/1991	1991	5	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/22/1991	1991	5	22	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/23/1991	1991	5	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/24/1991	1991	5	24	4	0.00	442.78	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/25/1991	1991	5	25	17.2	13.12	1903.94	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/26/1991	1991	5	26	2.8	13.12	309.94	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/27/1991	1991	5	27	6.4	13.12	708.44	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/28/1991	1991	5	28	1.6	13.12	177.11	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/29/1991	1991	5	29	20.8	13.12	2302.44	105.02	13.12	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/30/1991	1991	5	30	0	13.12	0.00	13.12	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/31/1991	1991	5	31	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/1/1991	1991	6	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/2/1991	1991	6	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/3/1991	1991	6	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/4/1991	1991	6	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/5/1991	1991	6	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/6/1991	1991	6	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/7/1991	1991	6	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/8/1991	1991	6	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/9/1991	1991	6	9	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/10/1991	1991	6	10	3.6	0.00	398.50	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/11/1991	1991	6	11	3.4	13.12	376.36	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/12/1991	1991	6	12	1.2	13.12	132.83	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/13/1991	1991	6	13	0	13.12	0.00	13.12	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/14/1991	1991	6	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/15/1991	1991	6	15	18	0.00	1992.49	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/16/1991	1991	6	16	0	13.12	0.00	13.12	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/17/1991	1991	6	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/18/1991	1991	6	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/19/1991	1991	6	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/20/1991	1991	6	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/21/1991	1991	6	21	0.9	0.00	99.62	99.62	0.00	0.00	0.00	99.62	0.00	0.00	0.00	0.00	0.00
6/22/1991	1991	6	22	0.2	0.00	22.14	22.14	0.00	0.00	0.00	22.14	0.00	0.00	0.00	0.00	0.00
6/23/1991	1991	6	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/24/1991	1991	6	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/25/1991	1991	6	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/26/1991	1991	6	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/27/1991	1991	6	27	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/28/1991	1991	6	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/29/1991	1991	6	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/30/1991	1991	6	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/1/1991	1991	7	1	3.7	0.00	409.57	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/2/1991	1991	7	2	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/3/1991	1991	7	3	8.7	0.00	963.04	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/4/1991	1991	7	4	13.2	13.12	1461.16	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/5/1991	1991	7	5	6.4	13.12	708.44	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/6/1991	1991	7	6	31.6	13.12	3497.93	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/7/1991	1991	7	7	5.7	13.12	630.96	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/8/1991	1991	7	8	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/9/1991	1991	7	9	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/10/1991	1991	7	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/11/1991	1991	7	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/12/1991	1991	7	12	5	0.00	553.47	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/13/1991	1991	7	13	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/14/1991	1991	7	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/15/1991	1991	7	15	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/16/1991	1991	7	16	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/17/1991	1991	7	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/18/1991	1991	7	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/19/1991	1991	7	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/20/1991	1991	7	20	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	22.14	0.00	0.00	0.00	0.00
7/21/1991	1991	7	21	0.5	0.00	55.35	55.35	0.00	0.00	0.00	0.00	55.35	0.00	0.00	0.00	0.00
7/22/1991	1991	7	22	4.2	0.00	464.91	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/23/1991	1991	7	23	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/24/1991	1991	7	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/25/1991	1991	7	25	0.4	0.00	44.28	44.28	0.00	0.00	0.00	0.00	44.28	0.00	0.00	0.00	0.00
7/26/1991	1991	7	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/27/1991	1991	7	27	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/28/1991	1991	7	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/29/1991	1991	7	29	31.6	0.00	3497.93	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/30/1991	1991	7	30	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	35.26	0.00	0.00	0.00	0.00
7/31/1991	1991	7	31	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/1/1991	1991	8	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/2/1991	1991	8	2	25.6	0.00	2833.77	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/3/1991	1991	8	3	1.6	13.12	177.11	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/4/1991	1991	8	4	1.4	13.12	154.97	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/5/1991	1991	8	5	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/6/1991	1991	8	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/7/1991	1991	8	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/8/1991	1991	8	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/9/1991	1991	8	9	0.4	0.00	44.28	44.28	0.00	0.00	0.00	0.00	0.00	44.28	0.00	0.00	0.00
8/10/1991	1991	8	10	0.8	0.00	88.56	88.56	0.00	0.00	0.00	0.00	0.00	88.56	0.00	0.00	0.00
8/11/1991	1991	8	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/12/1991	1991	8	12	0.4	0.00	44.28	44.28	0.00	0.00	0.00	0.00	0.00	44.28	0.00	0.00	0.00
8/13/1991	1991	8	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/14/1991	1991	8	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/15/1991	1991	8	15	4.9	0.00	542.40	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/16/1991	1991	8	16	0.6	13.12	66.42	79.54	0.00	0.00	0.00	0.00	0.00	79.54	0.00	0.00	0.00
8/17/1991	1991	8	17	21.6	0.00	2390.99	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/18/1991	1991	8	18	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/19/1991	1991	8	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/20/1991	1991	8	20	2.6	0.00	287.80	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/21/1991	1991	8	21	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/22/1991	1991	8	22	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/23/1991	1991	8	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/24/1991	1991	8	24	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	0.00	22.14	0.00	0.00	0.00
8/25/1991	1991	8	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/26/1991	1991	8	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/27/1991	1991	8	27	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/28/1991	1991	8	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/29/1991	1991	8	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/30/1991	1991	8	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/31/1991	1991	8	31	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/1/1991	1991	9	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/2/1991	1991	9	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/3/1991	1991	9	3	17.8	0.00	1970.35	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/4/1991	1991	9	4	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/5/1991	1991	9	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/6/1991	1991	9	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/7/1991	1991	9	7	0.4	0.00	44.28	44.28	0.00	0.00	0.00	0.00	0.00	0.00	44.28	0.00	0.00
9/8/1991	1991	9	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/9/1991	1991	9	9	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/10/1991	1991	9	10	0.4	0.00	44.28	44.28	0.00	0.00	0.00	0.00	0.00	0.00	44.28	0.00	0.00
9/11/1991	1991	9	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/12/1991	1991	9	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/1991	1991	9	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/1991	1991	9	14	2.1	0.00	232.46	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/15/1991	1991	9	15	10.6	13.12	1173.36	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/16/1991	1991	9	16	0.6	13.12	66.42	79.54	0.00	0.00	0.00	0.00	0.00	0.00	79.54	0.00	0.00
9/17/1991	1991	9	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/18/1991	1991	9	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/19/1991	1991	9	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/20/1991	1991	9	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/21/1991	1991	9	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/22/1991	1991	9	22	11.2	0.00	1239.77	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/23/1991	1991	9	23	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/24/1991	1991	9	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/25/1991	1991	9	25	0.3	0.00	33.21	33.21	0.00	0.00	0.00	0.00	0.00	0.00	33.21	0.00	0.00
9/26/1991	1991	9	26	7.6	0.00	841.27	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/27/1991	1991	9	27	0.8	13.12	88.56	101.68	0.00	0.00	0.00	0.00	0.00	0.00	101.68	0.00	0.00
9/28/1991	1991	9	28	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	0.00	0.00	22.14	0.00	0.00
9/29/1991	1991	9	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/30/1991	1991	9	30	5.6	0.00	619.89	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
10/1/1991	1991	10	1	0.4	13.12	44.28	57.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.40	0.00
10/2/1991	1991	10	2	25	0.00	2767.35	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/3/1991	1991	10	3	1.4	13.12	154.97	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/4/1991	1991	10	4	8.8	13.12	974.11	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/5/1991	1991	10	5	2.9	13.12	321.01	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/6/1991	1991	10	6	3.8	13.12	420.64	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/7/1991	1991	10	7	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.26	0.00
10/8/1991	1991	10	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/9/1991	1991	10	9	2.8	0.00	309.94	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/10/1991	1991	10	10	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.26	0.00
10/11/1991	1991	10	11	1.4	0.00	154.97	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/12/1991	1991	10	12	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/13/1991	1991	10	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/1991	1991	10	14	6.6	0.00	730.58	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/15/1991	1991	10	15	2.2	13.12	243.53	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/16/1991	1991	10	16	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/17/1991	1991	10	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/1991	1991	10	18	3.8	0.00	420.64	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/19/1991	1991	10	19	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/20/1991	1991	10	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/1991	1991	10	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/1991	1991	10	22	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/1991	1991	10	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/1991	1991	10	24	10.8	0.00	1195.50	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/25/1991	1991	10	25	9.2	13.12	1018.38	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/26/1991	1991	10	26	9.4	13.12	1040.52	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/27/1991	1991	10	27	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/28/1991	1991	10	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/1991	1991	10	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30/1991	1991	10	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/1991	1991	10	31	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/1/1991	1991	11	1	1.5	0.00	166.04	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/2/1991	1991	11	2	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/3/1991	1991	11	3	0.3	0.00	33.21	33.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.21
11/4/1991	1991	11	4	0.5	0.00	55.35	55.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.35
11/5/1991	1991	11	5	1	0.00	110.69	105.02	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/6/1991	1991	11	6	0	5.67	0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.67
11/7/1991	1991	11	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/8/1991	1991	11	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/9/1991	1991	11	9	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/10/1991	1991	11	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/11/1991	1991	11	11	0.3	0.00	33.21	33.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.21
11/12/1991	1991	11	12	2.4	0.00	265.67	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/13/1991	1991	11	13	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/14/1991	1991	11	14	7	0.00	774.86	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/15/1991	1991	11	15	3.2	13.12	354.22	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/16/1991	1991	11	16	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/17/1991	1991	11	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/18/1991	1991	11	18	4	0.00	442.78	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/19/1991	1991	11	19	18.4	13.12	2036.77	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/20/1991	1991	11	20	3.8	13.12	420.64	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/21/1991	1991	11	21	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/22/1991	1991	11	22	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.14
11/23/1991	1991	11	23	1.4	0.00	154.97	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/24/1991	1991	11	24	1.5	13.12	166.04	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/25/1991	1991	11	25	1.5	13.12	166.04	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/26/1991	1991	11	26	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
11/27/1991	1991	11	27	1.4	0.00	154.97	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02

11/28/1991	1991	11	28	15	13.12	1660.41	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/29/1991	1991	11	29	15.8	13.12	1748.97	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/30/1991	1991	11	30	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12
12/1/1991	1991	12	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/2/1991	1991	12	2	11.8	0.00	1306.19	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/3/1991	1991	12	3	3.2	0.00	354.22	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/4/1991	1991	12	4	8.5	0.00	940.90	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/5/1991	1991	12	5	6.7	0.00	741.65	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/6/1991	1991	12	6	3.6	0.00	398.50	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/7/1991	1991	12	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/8/1991	1991	12	8	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/9/1991	1991	12	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/10/1991	1991	12	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/11/1991	1991	12	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/12/1991	1991	12	12	8.8	0.00	974.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/13/1991	1991	12	13	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/14/1991	1991	12	14	1.9	0.00	210.32	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/15/1991	1991	12	15	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/16/1991	1991	12	16	5.3	0.00	586.68	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/17/1991	1991	12	17	11	0.00	1217.63	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/18/1991	1991	12	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/19/1991	1991	12	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/20/1991	1991	12	20	10.8	0.00	1195.50	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/21/1991	1991	12	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/22/1991	1991	12	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/23/1991	1991	12	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/24/1991	1991	12	24	0.3	0.00	33.21	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/25/1991	1991	12	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/26/1991	1991	12	26	0.5	0.00	55.35	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/27/1991	1991	12	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/28/1991	1991	12	28	5.8	0.00	642.03	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/29/1991	1991	12	29	5	0.00	553.47	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/30/1991	1991	12	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/31/1991	1991	12	31	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/1/1992	1992	1	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/2/1992	1992	1	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/3/1992	1992	1	3	1.2	0.00	132.83	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/4/1992	1992	1	4	3.2	0.00	354.22	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/5/1992	1992	1	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/6/1992	1992	1	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/7/1992	1992	1	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/8/1992	1992	1	8	1	0.00	110.69	0.00	5.67		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/9/1992	1992	1	9	1.3	0.00	143.90	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/10/1992	1992	1	10	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/11/1992	1992	1	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/12/1992	1992	1	12	1.5	0.00	166.04	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/13/1992	1992	1	13	16.8	0.00	1859.66	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/14/1992	1992	1	14	9.3	0.00	1029.45	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/15/1992	1992	1	15	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/16/1992	1992	1	16	12.8	0.00	1416.88	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/17/1992	1992	1	17	3	0.00	332.08	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/18/1992	1992	1	18	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/19/1992	1992	1	19	3.4	0.00	376.36	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/20/1992	1992	1	20	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/21/1992	1992	1	21	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/22/1992	1992	1	22	1.2	0.00	132.83	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/23/1992	1992	1	23	13.6	0.00	1505.44	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/24/1992	1992	1	24	2.4	0.00	265.67	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/25/1992	1992	1	25	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/26/1992	1992	1	26	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/27/1992	1992	1	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/28/1992	1992	1	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/29/1992	1992	1	29	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/30/1992	1992	1	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/31/1992	1992	1	31	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/1/1992	1992	2	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/2/1992	1992	2	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/3/1992	1992	2	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/4/1992	1992	2	4	1.7	0.00	188.18	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/5/1992	1992	2	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/6/1992	1992	2	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/7/1992	1992	2	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/8/1992	1992	2	8	0.3	0.00	33.21	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/9/1992	1992	2	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/10/1992	1992	2	10	3.2	0.00	354.22	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/11/1992	1992	2	11	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/12/1992	1992	2	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/13/1992	1992	2	13	0.3	0.00	33.21	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/14/1992	1992	2	14	2.7	0.00	298.87	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/15/1992	1992	2	15	12.6	0.00	1394.74	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/16/1992	1992	2	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/17/1992	1992	2	17	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/18/1992	1992	2	18	8.1	0.00	896.62	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/19/1992	1992	2	19	2.2	0.00	243.53	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/20/1992	1992	2	20	7.8	0.00	863.41	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/21/1992	1992	2	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/22/1992	1992	2	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/23/1992	1992	2	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/24/1992	1992	2	24	1.2	0.00	132.83	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/25/1992	1992	2	25	1.3	0.00	143.90	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/26/1992	1992	2	26	1.8	0.00	199.25	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/27/1992	1992	2	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/28/1992	1992	2	28	4.4	0.00	487.05	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/29/1992	1992	2	29	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/1/1992	1992	3	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/2/1992	1992	3	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/3/1992	1992	3	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/4/1992	1992	3	4	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/5/1992	1992	3	5	1.8	0.00	199.25	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/6/1992	1992	3	6	9.5	0.00	1051.59	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/7/1992	1992	3	7	0.3	0.00	33.21	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/8/1992	1992	3	8	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/9/1992	1992	3	9	4.2	0.00	464.91	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/10/1992	1992	3	10	4.3	0.00	475.98	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/11/1992	1992	3	11	1	0.00	110.69	0.00	5.67		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/12/1992	1992	3	12	1.8	0.00	199.25	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/13/1992	1992	3	13	2.1	0.00	232.46	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/14/1992	1992	3	14	1.2	0.00	132.83	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/15/1992	1992	3	15	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/16/1992	1992	3	16	1.8	0.00	199.25	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/17/1992	1992	3	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/18/1992	1992	3	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/19/1992	1992	3	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/20/1992	1992	3	20	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/21/1992	1992	3	21	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/22/1992	1992	3	22	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/23/1992	1992	3	23	0.6	0.00	66.42	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/24/1992	1992	3	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/25/1992	1992	3	25	2.3	0.00	254.60	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/26/1992	1992	3	26	2.6	0.00	287.80	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/27/1992	1992	3	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/28/1992	1992	3	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/29/1992	1992	3	29	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/30/1992	1992	3	30	0	0.00	0.00	0.00	0.00	26876.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/31/1992	1992	3	31	5.8	26876.50	642.03	105.02	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/1/1992	1992	4	1	0.6	13.12	66.42	79.54	0.00		79.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/2/1992	1992	4	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/3/1992	1992	4	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/4/1992	1992	4	4	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/5/1992	1992	4	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/6/1992	1992	4	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/7/1992	1992	4	7	1.6	0.00	177.11	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/8/1992	1992	4	8	0.2	13.12	22.14	35.26	0.00		35.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/9/1992	1992	4	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/10/1992	1992	4	10	26	0.00	2878.04	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/11/1992	1992	4	11	28.8	13.12	3187.99	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/12/1992	1992	4	12	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/13/1992	1992	4	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/14/1992	1992	4	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/15/1992	1992	4	15	10.6	0.00	1173.36	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/16/1992	1992	4	16	37.9	13.12	4195.30	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/17/1992	1992	4	17	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/1992	1992	4	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/19/1992	1992	4	19	0.4	0.00	44.28	44.28	0.00		44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/20/1992	1992	4	20	0.6	0.00	66.42	66.42	0.00		66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/1992	1992	4	21	10.6	0.00	1173.36	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/22/1992	1992	4	22	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/1992	1992	4	23	6	0.00	664.16	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/1992	1992	4	24	8	13.12	885.55	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/25/1992	1992	4	25	1	13.12	110.69	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/26/1992	1992	4	26	1.2	13.12	132.83	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/27/1992	1992	4	27	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/28/1992	1992	4	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/29/1992	1992	4	29	6	0.00	664.16	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/30/1992	1992	4	30	0.2	13.12	22.14	35.26	0.00		35.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/1/1992	1992	5	1	1.6	0.00	177.11	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/2/1992	1992	5	2	18.2	13.12	2014.63	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/3/1992	1992	5	3	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/4/1992	1992	5	4	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/5/1992	1992	5	5	0.2	0.00	22.14	22.14	0.00		0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00
5/6/1992	1992	5	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/7/1992	1992	5	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/8/1992	1992	5	8	0.7	0.00	77.49	77.49	0.00		0.00	77.49	0.00	0.00	0.00	0.00	0.00	0.00
5/9/1992	1992	5	9	1	0.00	110.69	105.02	5.67		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/10/1992	1992	5	10	0	5.67	0.00	5.67	0.00		0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00
5/11/1992	1992	5	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/12/1992	1992	5	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/13/1992	1992	5	13	0.6	0.00	66.42	66.42	0.00		0.00	66.42	0.00	0.00	0.00	0.00	0.00	0.00
5/14/1992	1992	5	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/15/1992	1992	5	15	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/16/1992	1992	5	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/17/1992	1992	5	17	6.6	0.00	730.58	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/18/1992	1992	5	18	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/19/1992	1992	5	19	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/20/1992	1992	5	20	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/21/1992	1992	5	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/22/1992	1992	5	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/23/1992	1992	5	23	3.8	0.00	420.64	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/24/1992	1992	5	24	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/25/1992	1992	5	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/26/1992	1992	5	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/27/1992	1992	5	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/28/1992	1992	5	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/29/1992	1992	5	29	1.6	0.00	177.11	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/30/1992	1992	5	30	16.8	13.12	1859.66	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/31/1992	1992	5	31	11.8	13.12	1306.19	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
6/1/1992	1992	6	1	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/2/1992	1992	6	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/3/1992	1992	6	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/4/1992	1992	6	4	4.2	0.00	464.91	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/5/1992	1992	6	5	1.2	13.12	132.83	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/6/1992	1992	6	6	16.4	13.12	1815.38	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/7/1992	1992	6	7	2.9	13.12	321.01	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/8/1992	1992	6	8	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/9/1992	1992	6	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/10/1992	1992	6	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/11/1992	1992	6	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/12/1992	1992	6	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/13/1992	1992	6	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/14/1992	1992	6	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/15/1992	1992	6	15	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/16/1992	1992	6	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/17/1992	1992	6	17	15.4	0.00	1704.69	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/18/1992	1992	6	18	13.2	13.12	1461.16	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/19/1992	1992	6	19	0.4	13.12	44.28	57.40	0.00		0.00	0.00	57.40	0.00	0.00	0.00	0.00	0.00
6/20/1992	1992	6	20	2.1	0.00	232.46	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/21/1992	1992	6	21	1.4	13.12	154.97	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/22/1992	1992	6	22	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/23/1992	1992	6	23	2.8	0.00	309.94	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/24/1992	1992	6	24	4	13.12	442.78	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/25/1992	1992	6	25	0.2	13.12	22.14	35.26	0.00		0.00	0.00	35.26	0.00	0.00	0.00	0.00	0.00

6/26/1992	1992	6	26	8	0.00	885.55	105.02	13.12	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/27/1992	1992	6	27	0	13.12	0.00	13.12	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/28/1992	1992	6	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/29/1992	1992	6	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/30/1992	1992	6	30	0.4	0.00	44.28	44.28	0.00	0.00	0.00	44.28	0.00	0.00	0.00	0.00	0.00
7/1/1992	1992	7	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/2/1992	1992	7	2	6.2	0.00	686.30	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/3/1992	1992	7	3	1.7	13.12	188.18	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/4/1992	1992	7	4	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/5/1992	1992	7	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/6/1992	1992	7	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/7/1992	1992	7	7	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	22.14	0.00	0.00	0.00	0.00
7/8/1992	1992	7	8	18	0.00	1992.49	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/9/1992	1992	7	9	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/10/1992	1992	7	10	11.4	0.00	1261.91	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/11/1992	1992	7	11	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/12/1992	1992	7	12	45.6	0.00	5047.65	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/13/1992	1992	7	13	25.2	13.12	2789.49	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/14/1992	1992	7	14	11.2	13.12	1239.77	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/15/1992	1992	7	15	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/16/1992	1992	7	16	2.8	0.00	309.94	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/17/1992	1992	7	17	21.7	13.12	2402.06	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/18/1992	1992	7	18	2.2	13.12	243.53	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/19/1992	1992	7	19	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/20/1992	1992	7	20	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	22.14	0.00	0.00	0.00	0.00
7/21/1992	1992	7	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/22/1992	1992	7	22	4.2	0.00	464.91	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/23/1992	1992	7	23	1.4	13.12	154.97	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/24/1992	1992	7	24	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	35.26	0.00	0.00	0.00	0.00
7/25/1992	1992	7	25	8	0.00	885.55	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/26/1992	1992	7	26	0.4	13.12	44.28	57.40	0.00	0.00	0.00	0.00	57.40	0.00	0.00	0.00	0.00
7/27/1992	1992	7	27	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/28/1992	1992	7	28	1.6	0.00	177.11	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/29/1992	1992	7	29	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/30/1992	1992	7	30	3.1	0.00	343.15	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/31/1992	1992	7	31	18.7	13.12	2069.98	105.02	13.12	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
8/1/1992	1992	8	1	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/2/1992	1992	8	2	11.8	0.00	1306.19	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/3/1992	1992	8	3	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/4/1992	1992	8	4	3.1	0.00	343.15	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/5/1992	1992	8	5	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/6/1992	1992	8	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/7/1992	1992	8	7	19.1	0.00	2114.26	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/8/1992	1992	8	8	7.8	13.12	863.41	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/9/1992	1992	8	9	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/10/1992	1992	8	10	20.4	0.00	2258.16	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/11/1992	1992	8	11	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/12/1992	1992	8	12	6.2	0.00	686.30	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/13/1992	1992	8	13	1	13.12	110.69	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/14/1992	1992	8	14	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/15/1992	1992	8	15	7.1	0.00	785.93	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/16/1992	1992	8	16	3.2	13.12	354.22	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/17/1992	1992	8	17	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/18/1992	1992	8	18	6.2	0.00	686.30	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/19/1992	1992	8	19	0.4	13.12	44.28	57.40	0.00	0.00	0.00	0.00	0.00	57.40	0.00	0.00	0.00
8/20/1992	1992	8	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/21/1992	1992	8	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/22/1992	1992	8	22	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/23/1992	1992	8	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/24/1992	1992	8	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/25/1992	1992	8	25	5.6	0.00	619.89	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/26/1992	1992	8	26	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	0.00	35.26	0.00	0.00	0.00
8/27/1992	1992	8	27	135.6	0.00	15010.11	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/28/1992	1992	8	28	19	13.12	2103.19	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/29/1992	1992	8	29	0.5	13.12	55.35	68.47	0.00	0.00	0.00	0.00	0.00	68.47	0.00	0.00	0.00
8/30/1992	1992	8	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/31/1992	1992	8	31	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/1/1992	1992	9	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/2/1992	1992	9	2	11.6	0.00	1284.05	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/3/1992	1992	9	3	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	0.00	0.00	35.26	0.00	0.00
9/4/1992	1992	9	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/5/1992	1992	9	5	5.8	0.00	642.03	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/6/1992	1992	9	6	4	13.12	442.78	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/7/1992	1992	9	7	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/8/1992	1992	9	8	6.3	0.00	697.37	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/9/1992	1992	9	9	6.9	13.12	763.79	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/10/1992	1992	9	10	1.8	13.12	199.25	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/11/1992	1992	9	11	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/12/1992	1992	9	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/1992	1992	9	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/1992	1992	9	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/1992	1992	9	15	0.6	0.00	66.42	66.42	0.00	0.00	0.00	0.00	0.00	0.00	66.42	0.00	0.00
9/16/1992	1992	9	16	4.5	0.00	498.12	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/17/1992	1992	9	17	1	13.12	110.69	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/18/1992	1992	9	18	22.3	13.12	2468.48	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/19/1992	1992	9	19	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/20/1992	1992	9	20	2.2	0.00	243.53	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/21/1992	1992	9	21	15.1	13.12	1671.48	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/22/1992	1992	9	22	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	0.00	0.00	35.26	0.00	0.00
9/23/1992	1992	9	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/24/1992	1992	9	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/25/1992	1992	9	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/26/1992	1992	9	26	1.2	0.00	132.83	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/27/1992	1992	9	27	1.4	13.12	154.97	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00
9/28/1992	1992	9	28	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00
9/29/1992	1992	9	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/30/1992	1992	9	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/1/1992	1992	10	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/2/1992	1992	10	2	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/1992	1992	10	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/4/1992	1992	10	4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/1992	1992	10	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/1992	1992	10	6	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/7/1992	1992	10	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/8/1992	1992	10	8	8.5	0.00	940.90	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/9/1992	1992	10	9	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/10/1992	1992	10	10	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/11/1992	1992	10	11	0.4	0.00	44.28	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.28	0.00
10/12/1992	1992	10	12	4.7	0.00	520.26	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/13/1992	1992	10	13	0.5	13.12	55.35	68.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.47	0.00
10/14/1992	1992	10	14	8.2	0.00	907.69	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/15/1992	1992	10	15	21.9	13.12	2424.20	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/16/1992	1992	10	16	6.1	13.12	675.23	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/17/1992	1992	10	17	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/18/1992	1992	10	18	3.6	0.00	398.50	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/19/1992	1992	10	19	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/20/1992	1992	10	20	5.6	0.00	619.89	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/21/1992	1992	10	21	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/22/1992	1992	10	22	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/1992	1992	10	23	2.2	0.00	243.53	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
10/24/1992	1992	10	24	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
10/25/1992	1992	10	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/1992	1992	10	26	0.4	0.00	44.28	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.28	0.00
10/27/1992	1992	10	27	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/1992	1992	10	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/1992	1992	10	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30/1992	1992	10	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/1992	1992	10	31	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/1/1992	1992	11	1	11.8	0.00	1306.19	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/2/1992	1992	11	2	21.4	13.12	2368.85	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/3/1992	1992	11	3	5.8	13.12	642.03	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/4/1992	1992	11	4	5.1	13.12	564.54	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/5/1992	1992	11	5	3.6	13.12	398.50	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/6/1992	1992	11	6	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.26
11/7/1992	1992	11	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/8/1992	1992	11	8	0.8	0.00	88.56	88.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.56
11/9/1992	1992	11	9	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.14
11/10/1992	1992	11	10	6.2	0.00	686.30	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/11/1992	1992	11	11	1.6	13.12	177.11	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/12/1992	1992	11	12	47.8	13.12	5291.17	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/13/1992	1992	11	13	3	13.12	332.08	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/14/1992	1992	11	14	1.8	13.12	199.25	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/15/1992	1992	11	15	0.6	13.12	66.42	79.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79.54
11/16/1992	1992	11	16	13.8	0.00	1527.58	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/17/1992	1992	11	17	0.6	13.12	66.42	79.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79.54
11/18/1992	1992	11	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/19/1992	1992	11	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/20/1992	1992	11	20	0.4	0.00	44.28	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.28
11/21/1992	1992	11	21	0.6	0.00	66.42	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.42
11/22/1992	1992	11	22	22	0.00	2435.27	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/23/1992	1992	11	23	2.4	13.12	265.67	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/24/1992	1992	11	24	3.2	13.12	354.22	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02
11/25/1992	1992	11	25	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.26
11/26/1992	1992	11	26	0.6	0.00	66.42	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.42
11/27/1992	1992	11	27	0.6	0.00	66.42	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.42
11/28/1992	1992	11	28	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.14
11/29/1992	1992	11	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/30/1992	1992	11	30	0.8	0.00	88.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/1/1992	1992	12	1	0.5	0.00	55.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/2/1992	1992	12	2	3.5	0.00	387.43	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/3/1992	1992	12	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/4/1992	1992	12	4	7	0.00	774.86	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/5/1992	1992	12	5	0.9	0.00	99.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/6/1992	1992	12	6	0.2	0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/7/1992	1992	12	7	0.6	0.00	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/8/1992	1992	12	8	1	0.00	110.69	0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/9/1992	1992	12	9	2	0.00	221.39	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/10/1992	1992	12	10	16.2	0.00	1793.24	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/11/1992	1992	12	11	1.8	0.00	199.25	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/12/1992	1992	12	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/13/1992	1992	12	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/14/1992	1992	12	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/15/1992	1992	12	15	0.6	0.00	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/16/1992	1992	12	16	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/17/1992	1992	12	17	0.8	0.00	88.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/18/1992	1992	12	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/19/1992	1992	12	19	5.4	0.00	597.75	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/20/1992	1992	12	20	0.2	0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/21/1992	1992	12	21	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/22/1992	1992	12	22	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/23/1992	1992	12	23	2.2	0.00	243.53	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/24/1992	1992	12	24	0.8	0.00	88.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/25/1992	1992	12	25	1.2	0.00	132.83	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/26/1992	1992	12	26	0.6	0.00	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/27/1992	1992	12	27	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/28/1992	1992	12	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/29/1992	1992	12	29	9	0.00	996.25	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/30/1992	1992	12	30	17	0.00	1881.80	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/31/1992	1992	12	31	0.8	0.00	88.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/1/1993	1993	1	1	3.8	0.00	420.64	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/2/1993	1993	1	2	1	0.00	110.69	0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/3/1993	1993	1	3	17	0.00	1881.80	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/4/1993	1993	1	4	14.9	0.00	1649.34	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/5/1993	1993	1	5	0.2	0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/6/1993	1993	1	6	0.3	0.00	33.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/7/1993	1993	1	7	1	0.00	110.69	0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/8/1993	1993	1	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/9/1993	1993	1	9	1.6	0.00	177.11	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/10/1993	1993	1	10	8	0.00	885.55	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/11/1993	1993	1	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/12/1993	1993	1	12	1.6	0.00	177.11	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/13/1993	1993	1	13	2	0.00	221.39	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/14/1993	1993	1	14	1.2	0.00	132.83	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/15/1993	1993	1	15	1.2	0.00	132.83	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/16/1993	1993	1	16	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/17/1993	1993	1	17	8.4	0.00	929.83	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/18/1993	1993	1	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/19/1993	1993	1	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/20/1993	1993	1	20	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/21/1993	1993	1	21	7	0.00	774.86	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/22/1993	1993	1	22	1.2	0.00	132.83	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1/23/1993	1993	1	23	1.6	0.00	177.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/24/1993	1993	1	24	4.6	0.00	509.19	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/25/1993	1993	1	25	1.9	0.00	210.32	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/26/1993	1993	1	26	4	0.00	442.78	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/27/1993	1993	1	27	2	0.00	221.39	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/28/1993	1993	1	28	2.8	0.00	309.94	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/29/1993	1993	1	29	2.4	0.00	265.67	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/30/1993	1993	1	30	12.6	0.00	1394.74	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/31/1993	1993	1	31	0.4	0.00	44.28	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/1/1993	1993	2	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/2/1993	1993	2	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/3/1993	1993	2	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/4/1993	1993	2	4	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/5/1993	1993	2	5	0.5	0.00	55.35	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/6/1993	1993	2	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/7/1993	1993	2	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/8/1993	1993	2	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/9/1993	1993	2	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/10/1993	1993	2	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/11/1993	1993	2	11	1.6	0.00	177.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/12/1993	1993	2	12	2.4	0.00	265.67	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/13/1993	1993	2	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/14/1993	1993	2	14	1.5	0.00	166.04	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/15/1993	1993	2	15	1.7	0.00	188.18	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/16/1993	1993	2	16	0.8	0.00	88.56	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/17/1993	1993	2	17	2.4	0.00	265.67	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/18/1993	1993	2	18	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/19/1993	1993	2	19	1.6	0.00	177.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/20/1993	1993	2	20	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/21/1993	1993	2	21	13.7	0.00	1516.51	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/22/1993	1993	2	22	4.6	0.00	509.19	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/23/1993	1993	2	23	1.6	0.00	177.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/24/1993	1993	2	24	2.3	0.00	254.60	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/25/1993	1993	2	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/26/1993	1993	2	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/27/1993	1993	2	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/28/1993	1993	2	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/1/1993	1993	3	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/2/1993	1993	3	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/3/1993	1993	3	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/4/1993	1993	3	4	14	0.00	1549.72	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/5/1993	1993	3	5	1	0.00	110.69	0.00	5.67		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/6/1993	1993	3	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/7/1993	1993	3	7	1.6	0.00	177.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/8/1993	1993	3	8	1.6	0.00	177.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/9/1993	1993	3	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/10/1993	1993	3	10	1.6	0.00	177.11	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/11/1993	1993	3	11	1.4	0.00	154.97	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/12/1993	1993	3	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/13/1993	1993	3	13	8.5	0.00	940.90	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/14/1993	1993	3	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/15/1993	1993	3	15	2.5	0.00	276.74	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/16/1993	1993	3	16	8	0.00	885.55	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/17/1993	1993	3	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/18/1993	1993	3	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/19/1993	1993	3	19	3.2	0.00	354.22	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/20/1993	1993	3	20	2.3	0.00	254.60	0.00	13.12		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/21/1993	1993	3	21	0.2	0.00	22.14	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/22/1993	1993	3	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/23/1993	1993	3	23	1	0.00	110.69	0.00	5.67		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/24/1993	1993	3	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/25/1993	1993	3	25	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/26/1993	1993	3	26	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/27/1993	1993	3	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/28/1993	1993	3	28	0.3	0.00	33.21	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/29/1993	1993	3	29	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/30/1993	1993	3	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/31/1993	1993	3	31	5.6	0.00	619.89	0.00	13.12	29167.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/1/1993	1993	4	1	3.2	29167.87	354.22	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/2/1993	1993	4	2	3.1	13.12	343.15	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/3/1993	1993	4	3	0.3	13.12	33.21	46.33	0.00		46.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/4/1993	1993	4	4	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/5/1993	1993	4	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/6/1993	1993	4	6	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/7/1993	1993	4	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/8/1993	1993	4	8	0.8	0.00	88.56	88.56	0.00		88.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/9/1993	1993	4	9	10.7	0.00	1184.43	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/10/1993	1993	4	10	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/11/1993	1993	4	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/12/1993	1993	4	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/13/1993	1993	4	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/14/1993	1993	4	14	0.6	0.00	66.42	66.42	0.00		66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/15/1993	1993	4	15	2.3	0.00	254.60	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/16/1993	1993	4	16	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/17/1993	1993	4	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/18/1993	1993	4	18	0.4	0.00	44.28	44.28	0.00		44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/19/1993	1993	4	19	23.7	0.00	2623.45	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/20/1993	1993	4	20	3.3	13.12	365.29	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/1993	1993	4	21	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/22/1993	1993	4	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/1993	1993	4	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/1993	1993	4	24	8.8	0.00	974.11	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/25/1993	1993	4	25	12.8	13.12	1416.88	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/26/1993	1993	4	26	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/27/1993	1993	4	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/28/1993	1993	4	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/29/1993	1993	4	29	2.6	0.00	287.80	105.02	13.12		105.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/30/1993	1993	4	30	0	13.12	0.00	13.12	0.00		13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/1/1993	1993	5	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/2/1993	1993	5	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/3/1993	1993	5	3	0.5	0.00	55.35	55.35	0.00		0.00	55.35	0.00	0.00	0.00	0.00	0.00	0.00
5/4/1993	1993	5	4	14.2	0.00	1571.85	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/5/1993	1993	5	5	2.5	13.12	276.74	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/6/1993	1993	5	6	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/7/1993	1993	5	7	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/8/1993	1993	5	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/9/1993	1993	5	9	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/10/1993	1993	5	10	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/11/1993	1993	5	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/12/1993	1993	5	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/13/1993	1993	5	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/14/1993	1993	5	14	7.1	0.00	785.93	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/15/1993	1993	5	15	2	13.12	221.39	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/16/1993	1993	5	16	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/17/1993	1993	5	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/18/1993	1993	5	18	4.5	0.00	498.12	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/19/1993	1993	5	19	0.2	13.12	22.14	35.26	0.00		0.00	35.26	0.00	0.00	0.00	0.00	0.00	0.00
5/20/1993	1993	5	20	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/21/1993	1993	5	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/22/1993	1993	5	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/23/1993	1993	5	23	3.7	0.00	409.57	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/24/1993	1993	5	24	14.8	13.12	1638.27	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/25/1993	1993	5	25	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/26/1993	1993	5	26	0.8	0.00	88.56	88.56	0.00		0.00	88.56	0.00	0.00	0.00	0.00	0.00	0.00
5/27/1993	1993	5	27	4.8	0.00	531.33	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/28/1993	1993	5	28	0	13.12	0.00	13.12	0.00		0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
5/29/1993	1993	5	29	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/30/1993	1993	5	30	16.5	0.00	1826.45	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
5/31/1993	1993	5	31	3.2	13.12	354.22	105.02	13.12		0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
6/1/1993	1993	6	1	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/2/1993	1993	6	2	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/3/1993	1993	6	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/4/1993	1993	6	4	2.8	0.00	309.94	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/5/1993	1993	6	5	2.2	13.12	243.53	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/6/1993	1993	6	6	3.8	13.12	420.64	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/7/1993	1993	6	7	0.2	13.12	22.14	35.26	0.00		0.00	0.00	35.26	0.00	0.00	0.00	0.00	0.00
6/8/1993	1993	6	8	5.8	0.00	642.03	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/9/1993	1993	6	9	15.8	13.12	1748.97	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/10/1993	1993	6	10	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/11/1993	1993	6	11	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/12/1993	1993	6	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/13/1993	1993	6	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/14/1993	1993	6	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/15/1993	1993	6	15	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/16/1993	1993	6	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/17/1993	1993	6	17	0.2	0.00	22.14	22.14	0.00		0.00	0.00	22.14	0.00	0.00	0.00	0.00	0.00
6/18/1993	1993	6	18	14.6	0.00	1616.13	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/19/1993	1993	6	19	18.8	13.12	2081.05	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/20/1993	1993	6	20	64.8	13.12	7172.97	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/21/1993	1993	6	21	6.6	13.12	730.58	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/22/1993	1993	6	22	0	13.12	0.00	13.12	0.00		0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
6/23/1993	1993	6	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/24/1993	1993	6	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/25/1993	1993	6	25	8.2	0.00	907.69	105.02	13.12		0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
6/26/1993	1993	6	26	0.6	13.12	66.42	79.54	0.00		0.00	0.00	79.54	0.00	0.00	0.00	0.00	0.00
6/27/1993	1993	6	27	0.8	0.00	88.56	88.56	0.00		0.00	0.00	88.56	0.00	0.00	0.00	0.00	0.00
6/28/1993	1993	6	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/29/1993	1993	6	29	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/30/1993	1993	6	30	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/1/1993	1993	7	1	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/2/1993	1993	7	2	0.4	0.00	44.28	44.28	0.00		0.00	0.00	0.00	44.28	0.00	0.00	0.00	0.00
7/3/1993	1993	7	3	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/4/1993	1993	7	4	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/5/1993	1993	7	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/6/1993	1993	7	6	6.1	0.00	675.23	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/7/1993	1993	7	7	0.6	13.12	66.42	79.54	0.00		0.00	0.00	0.00	79.54	0.00	0.00	0.00	0.00
7/8/1993	1993	7	8	4.5	0.00	498.12	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/9/1993	1993	7	9	20.5	13.12	2269.23	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/10/1993	1993	7	10	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/11/1993	1993	7	11	54	0.00	5977.48	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/12/1993	1993	7	12	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/13/1993	1993	7	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/14/1993	1993	7	14	7	0.00	774.86	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/15/1993	1993	7	15	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/16/1993	1993	7	16	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/17/1993	1993	7	17	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/18/1993	1993	7	18	25.2	0.00	2789.49	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/19/1993	1993	7	19	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/20/1993	1993	7	20	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/21/1993	1993	7	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/22/1993	1993	7	22	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/23/1993	1993	7	23	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/24/1993	1993	7	24	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/25/1993	1993	7	25	23.2	0.00	2568.10	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/26/1993	1993	7	26	0.4	13.12	44.28	57.40	0.00		0.00	0.00	0.00	57.40	0.00	0.00	0.00	0.00
7/27/1993	1993	7	27	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/28/1993	1993	7	28	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/29/1993	1993	7	29	16	0.00	1771.10	105.02	13.12		0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00
7/30/1993	1993	7	30	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00
7/31/1993	1993	7	31	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/1/1993	1993	8	1	1.4	0.00	154.97	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/2/1993	1993	8	2	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/3/1993	1993	8	3	25.7	0.00	2844.84	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/4/1993	1993	8	4	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/5/1993	1993	8	5	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/6/1993	1993	8	6	13.6	0.00	1505.44	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/7/1993	1993	8	7	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/8/1993	1993	8	8	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/9/1993	1993	8	9	0.4	0.00	44.28	44.28	0.00		0.00	0.00	0.00	0.00	44.28	0.00	0.00	0.00
8/10/1993	1993	8	10	6	0.00	664.16	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/11/1993	1993	8	11	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/12/1993	1993	8	12	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/13/1993	1993	8	13	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/14/1993	1993	8	14	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/15/1993	1993	8	15	9.8	0.00	1084.80	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/16/1993	1993	8	16	1.8	13.12	199.25	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/17/1993	1993	8	17	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/18/1993	1993	8	18	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/19/1993	1993	8	19	3.7	0.00	409.57	105.02	13.12		0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00
8/20/1993	1993	8	20	0	13.12	0.00	13.12	0.00		0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00
8/21/1993	1993	8	21	0	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

8/22/1993	1993	8	22	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/23/1993	1993	8	23	2.4	0.00	265.67	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
8/24/1993	1993	8	24	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
8/25/1993	1993	8	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/26/1993	1993	8	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/27/1993	1993	8	27	17.2	0.00	1903.94	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
8/28/1993	1993	8	28	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
8/29/1993	1993	8	29	2.5	0.00	276.74	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
8/30/1993	1993	8	30	2.3	13.12	254.60	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
8/31/1993	1993	8	31	0.7	13.12	77.49	90.61	0.00	0.00	0.00	0.00	0.00	90.61	0.00	0.00	0.00	0.00	0.00	0.00
9/1/1993	1993	9	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/2/1993	1993	9	2	15	0.00	1660.41	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
9/3/1993	1993	9	3	10.1	13.12	1118.01	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
9/4/1993	1993	9	4	0.4	13.12	44.28	57.40	0.00	0.00	0.00	0.00	0.00	57.40	0.00	0.00	0.00	0.00	0.00	0.00
9/5/1993	1993	9	5	0.4	0.00	44.28	44.28	0.00	0.00	0.00	0.00	0.00	44.28	0.00	0.00	0.00	0.00	0.00	0.00
9/6/1993	1993	9	6	4.2	0.00	464.91	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
9/7/1993	1993	9	7	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
9/8/1993	1993	9	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/9/1993	1993	9	9	9	0.00	996.25	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
9/10/1993	1993	9	10	9.5	13.12	1051.59	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
9/11/1993	1993	9	11	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
9/12/1993	1993	9	12	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00
9/13/1993	1993	9	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/1993	1993	9	14	14.2	0.00	1571.85	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
9/15/1993	1993	9	15	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00
9/16/1993	1993	9	16	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/17/1993	1993	9	17	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/18/1993	1993	9	18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/19/1993	1993	9	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/20/1993	1993	9	20	0.5	0.00	55.35	55.35	0.00	0.00	0.00	0.00	0.00	55.35	0.00	0.00	0.00	0.00	0.00	0.00
9/21/1993	1993	9	21	3.7	0.00	409.57	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
9/22/1993	1993	9	22	0.8	13.12	88.56	101.68	0.00	0.00	0.00	0.00	0.00	101.68	0.00	0.00	0.00	0.00	0.00	0.00
9/23/1993	1993	9	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/24/1993	1993	9	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/25/1993	1993	9	25	6.4	0.00	708.44	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
9/26/1993	1993	9	26	0.4	13.12	44.28	57.40	0.00	0.00	0.00	0.00	0.00	57.40	0.00	0.00	0.00	0.00	0.00	0.00
9/27/1993	1993	9	27	16.2	0.00	1793.24	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
9/28/1993	1993	9	28	2.9	13.12	321.01	105.02	13.12	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00	0.00
9/29/1993	1993	9	29	0.8	13.12	88.56	101.68	0.00	0.00	0.00	0.00	0.00	101.68	0.00	0.00	0.00	0.00	0.00	0.00
9/30/1993	1993	9	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/1/1993	1993	10	1	8.9	0.00	985.18	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
10/2/1993	1993	10	2	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
10/3/1993	1993	10	3	0.4	0.00	44.28	44.28	0.00	0.00	0.00	0.00	0.00	0.00	44.28	0.00	0.00	0.00	0.00	0.00
10/4/1993	1993	10	4	0.7	0.00	77.49	77.49	0.00	0.00	0.00	0.00	0.00	0.00	77.49	0.00	0.00	0.00	0.00	0.00
10/5/1993	1993	10	5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/1993	1993	10	6	0.4	0.00	44.28	44.28	0.00	0.00	0.00	0.00	0.00	0.00	44.28	0.00	0.00	0.00	0.00	0.00
10/7/1993	1993	10	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/8/1993	1993	10	8	7	0.00	774.86	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
10/9/1993	1993	10	9	6.3	13.12	697.37	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
10/10/1993	1993	10	10	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
10/11/1993	1993	10	11	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/12/1993	1993	10	12	0.4	0.00	44.28	44.28	0.00	0.00	0.00	0.00	0.00	0.00	44.28	0.00	0.00	0.00	0.00	0.00
10/13/1993	1993	10	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/1993	1993	10	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/1993	1993	10	15	1.4	0.00	154.97	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
10/16/1993	1993	10	16	10.6	13.12	1173.36	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
10/17/1993	1993	10	17	12	13.12	1328.33	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
10/18/1993	1993	10	18	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00
10/19/1993	1993	10	19	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/1993	1993	10	20	13.7	0.00	1516.51	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
10/21/1993	1993	10	21	0.3	13.12	33.21	46.33	0.00	0.00	0.00	0.00	0.00	0.00	46.33	0.00	0.00	0.00	0.00	0.00
10/22/1993	1993	10	22	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/1993	1993	10	23	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/1993	1993	10	24	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/1993	1993	10	25	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/1993	1993	10	26	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/1993	1993	10	27	0.2	0.00	22.14	22.14	0.00	0.00	0.00	0.00	0.00	0.00	22.14	0.00	0.00	0.00	0.00	0.00
10/28/1993	1993	10	28	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/1993	1993	10	29	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30/1993	1993	10	30	4	0.00	442.78	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
10/31/1993	1993	10	31	1.4	13.12	154.97	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	0.00	0.00
11/1/1993	1993	11	1	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00
11/2/1993	1993	11	2	1.8	0.00	199.25	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
11/3/1993	1993	11	3	0.6	13.12	66.42	79.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79.54	0.00
11/4/1993	1993	11	4	7.9	0.00	874.48	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	105.02	0.00
11/5/1993	1993	11	5	1.2	13.12	132.83	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	105.02	0.00
11/6/1993	1993	11	6	0.2	13.12	22.14	35.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.26	0.00
11/7/1993	1993	11	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/8/1993	1993	11	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/9/1993	1993	11	9	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/10/1993	1993	11	10	0.5	0.00	55.35	55.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.35	0.00
11/11/1993	1993	11	11	0.4	0.00	44.28	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.28	0.00
11/12/1993	1993	11	12	3.3	0.00	365.29	105.02	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.02	0.00
11/13/1993	1993	11	13	0.6	13.12	66.42	79.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79.54	0.00
11/14/1993	1993	11	14	6.2	0.00	686.30	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	105.02	0.00
11/15/1993	1993	11	15	0.4	13.12	44.28	57.40	0.00	0.00	0.00	0.00	0.00	0.00	57.40	0.00	0.00	0.00	57.40	0.00
11/16/1993	1993	11	16	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/17/1993	1993	11	17	1.9	0.00	210.32	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	105.02	0.00
11/18/1993	1993	11	18	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	13.12	0.00
11/19/1993	1993	11	19	10.2	0.00	1129.08	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	105.02	0.00
11/20/1993	1993	11	20	2.3	13.12	254.60	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	105.02	0.00
11/21/1993	1993	11	21	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	13.12	0.00
11/22/1993	1993	11	22	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/23/1993	1993	11	23	0.4	0.00	44.28	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.28	0.00
11/24/1993	1993	11	24	1.8	0.00	199.25	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	105.02	0.00
11/25/1993	1993	11	25	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	13.12	0.00
11/26/1993	1993	11	26	14.6	0.00	1616.13	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	105.02	0.00
11/27/1993	1993	11	27	17.8	13.12	1970.35	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	105.02	0.00
11/28/1993	1993	11	28	0.3	13.12	33.21	46.33	0.00	0.00	0.00	0.00	0.00	0.00	46.33	0.00	0.00	0.00	46.33	0.00
11/29/1993	1993	11	29	1.7	0.00	188.18	105.02	13.12	0.00	0.00	0.00	0.00	0.00	105.02	0.00	0.00	0.00	105.02	0.00
11/30/1993	1993	11	30	0	13.12	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.00	13.12	0.00
12/1/1993	1993	12	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/2/1993	1993	12	2	4.4	0.00	487.05	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/3/1993	1993	12	3	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/4/1993	1993	12	4	4.2	0.00	464.91	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/5/1993	1993	12	5	0.2	0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/6/1993	1993	12	6	4.2	0.00	464.91	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/7/1993	1993	12	7	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/8/1993	1993	12	8	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/9/1993	1993	12	9	1.2	0.00	132.83	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/10/1993	1993	12	10	1.6	0.00	177.11	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/11/1993	1993	12	11	0.2	0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/12/1993	1993	12	12	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/13/1993	1993	12	13	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/14/1993	1993	12	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/15/1993	1993	12	15	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/16/1993	1993	12	16	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/17/1993	1993	12	17	0.6	0.00	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/18/1993	1993	12	18	0.3	0.00	33.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/19/1993	1993	12	19	2.3	0.00	254.60	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/20/1993	1993	12	20	4.3	0.00	475.98	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/21/1993	1993	12	21	2.1	0.00	232.46	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/22/1993	1993	12	22	1	0.00	110.69	0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/23/1993	1993	12	23	0.4	0.00	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/24/1993	1993	12	24	2.1	0.00	232.46	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/25/1993	1993	12	25	3	0.00	332.08	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/26/1993	1993	12	26	0.6	0.00	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/27/1993	1993	12	27	0.2	0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/28/1993	1993	12	28	0.6	0.00	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/29/1993	1993	12	29	2.4	0.00	265.67	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/30/1993	1993	12	30	2.3	0.00	254.60	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/31/1993	1993	12	31	1	0.00	110.69	0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:				10064.00		1114024.4	109281.6		14360.58	12776.00	10822.54	11682.22	12628.87	13341.23	15242.88	18217.26			
			Annual Average:	1006.40															